

**CASE**

**NUMBER:**

1999-441

LG&E Energy ~~Corp~~ LLC\*  
220 West Main Street (40202)  
P.O. Box 32030  
Louisville, Kentucky 40232

March 1, 2004

Mr. Thomas M. Dorman  
Executive Director  
Kentucky Public Service Commission  
211 Sower Boulevard  
Frankfort, Kentucky 40601

RECEIVED

MAR 0 1 2004

PUBLIC SERVICE  
COMMISSION

Dear Mr. Dorman:

Re: Case No. 99-441 **Sample Meter Testing Pilot Plan**

The PSC Order in Case Number 99-441 allowed for a new sample-testing plan for participating electric utilities. This order required these same utilities to submit an annual report to the Commission.

Pursuant to the October 25, 2000 Revised Amended Sample Meter Testing Pilot Plan, Appendix A, Section I (4) and Appendix A, Section II (D)(3)(b), **Louisville Gas and Electric Company** submits the following:

The Certified Test Results of all new meters received  
(Attachment A)

2002 Statistical Sampling Test Results and Summary  
(Attachment B)

The eight meters denoted in the Summary as "Not Tested" were incorrectly noted as available for testing. This programming error allowed for six 'Does not exist' meters and two 'Previous failed lot' meters to be listed in the 2003 Sample.

If you have any questions please do not hesitate to contact me.

Sincerely,



Marty J. Reinert  
Regulatory Analyst II  
Regulatory Affairs

Attachments

Cc: Mr. Dennis Hildenbrand

**LG&E**  
**2003 SAMPLE**  
**ELECTRIC METER SUMMARY**

**SAMPLE**

In-Service Population            359,284            Divided into 55 Lots

Sample Quantity	3,352
Meters Tested	3,330
Meters Not Tested	22
Failed Lots	0
Failed Lot Meters	0

**DETAIL OF METERS NOT TESTED**

**Not Tested**

425614	D4	Does not exist
226849	I50	Does not exist
320256	I60-2	Does not exist
511940	I70-5	Does not exist
309893	J3	Does not exist
315753	J3	Does not exist
152646	I30	Previous Failed Lot
174338	I30	Previous Failed Lot

**Lost/Stolen**

505526	D5	Not located, presumed lost
508807	D5	Not located, presumed lost
294873	I60	Not located, presumed lost
609963	J5-4	Not located, presumed lost
671978	MSII-5	Not located, presumed lost

**Open Potential Coil**

313388	I60
368520	I70
382702	I70
572688	I70-7
530949	J5

**Damaged**

292329	I60	
301493	J3	Vandalized
694371	J5-6	Fire

**Tamper**

478997	I70-4	Open potential clip
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# Attachment A







MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PF FACTOR
SCHLUMBERGER	D9	78324237	01-09	94	97	100.42
SCHLUMBERGER	D9	78324239	01-09	95	97	100.72
SCHLUMBERGER	D9	78324240	01-09	95	97	100.72
SCHLUMBERGER	D9	78324241	01-09	95	97	100.72
SCHLUMBERGER	D9	78324242	01-09	95	97	100.72
SCHLUMBERGER	D9	78324243	01-09	95	97	100.72
SCHLUMBERGER	D9	78324244	01-09	95	97	100.72
SCHLUMBERGER	D9	78324245	01-09	95	97	100.72
SCHLUMBERGER	D9	78324246	01-09	95	97	100.72
SCHLUMBERGER	D9	78324247	01-09	95	97	100.72
SCHLUMBERGER	D9	78324248	01-09	95	97	100.72
SCHLUMBERGER	D9	78324249	01-09	95	97	100.72
SCHLUMBERGER	D9	78324250	01-09	95	97	100.72
SCHLUMBERGER	D9	78324251	01-09	95	97	100.72
SCHLUMBERGER	D9	78324252	01-09	95	97	100.72
SCHLUMBERGER	D9	78324253	01-09	95	97	100.72
SCHLUMBERGER	D9	78324254	01-09	95	97	100.72
SCHLUMBERGER	D9	78324255	01-09	95	97	100.72
SCHLUMBERGER	D9	78324256	01-09	95	97	100.72
SCHLUMBERGER	D9	78324257	01-09	95	97	100.72
SCHLUMBERGER	D9	78324258	01-09	95	97	100.72
SCHLUMBERGER	D9	78324259	01-09	95	97	100.72
SCHLUMBERGER	D9	78324260	01-09	95	97	100.72
SCHLUMBERGER	D9	78324261	01-09	95	97	100.72
SCHLUMBERGER	D9	78324262	01-09	95	97	100.72
SCHLUMBERGER	D9	78324263	01-09	95	97	100.72
SCHLUMBERGER	D9	78324264	01-09	95	97	100.72
SCHLUMBERGER	D9	78324265	01-09	95	97	100.72
SCHLUMBERGER	D9	78324266	01-09	95	97	100.72
SCHLUMBERGER	D9	78324267	01-09	95	97	100.72
SCHLUMBERGER	D9	78324268	01-09	95	97	100.72
SCHLUMBERGER	D9	78324269	01-09	95	97	100.72
SCHLUMBERGER	D9	78324270	01-09	95	97	100.72
SCHLUMBERGER	D9	78324271	01-09	95	97	100.72
SCHLUMBERGER	D9	78324272	01-09	95	97	100.72
SCHLUMBERGER	D9	78324273	01-09	95	97	100.72
SCHLUMBERGER	D9	78324274	01-09	95	97	100.72
SCHLUMBERGER	D9	78324275	01-09	95	97	100.72
SCHLUMBERGER	D9	78324276	01-09	95	97	100.72
SCHLUMBERGER	D9	78324277	01-09	95	97	100.72
SCHLUMBERGER	D9	78324278	01-09	95	97	100.72
SCHLUMBERGER	D9	78324279	01-09	95	97	100.72
SCHLUMBERGER	D9	78324280	01-09	95	97	100.72





MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACITOR
SCHLUMBERGER	D9	7892727	01-09	0.00	0.00	0.00
SCHLUMBERGER	D9	7892728	01-09	0.00	0.00	0.00
SCHLUMBERGER	D9	7892729	01-09	0.00	0.00	0.00
SCHLUMBERGER	D9	7892730	01-09	0.00	0.00	0.00
SCHLUMBERGER	D9	7892731	01-09	0.00	0.00	0.00
SCHLUMBERGER	D9	7892732	01-09	0.00	0.00	0.00
SCHLUMBERGER	D9	7892733	01-09	0.00	0.00	0.00
SCHLUMBERGER	D9	7892734	01-09	0.00	0.00	0.00
SCHLUMBERGER	D9	7892735	01-09	0.00	0.00	0.00
SCHLUMBERGER	D9	7892736	01-09	0.00	0.00	0.00
SCHLUMBERGER	D9	7892737	01-09	0.00	0.00	0.00
SCHLUMBERGER	D9	7892738	01-09	0.00	0.00	0.00
SCHLUMBERGER	D9	7892739	01-09	0.00	0.00	0.00
SCHLUMBERGER	D9	7892740	01-09	0.00	0.00	0.00
SCHLUMBERGER	D9	7892741	01-09	0.00	0.00	0.00
SCHLUMBERGER	D9	7892742	01-09	0.00	0.00	0.00
SCHLUMBERGER	D9	7892743	01-09	0.00	0.00	0.00
SCHLUMBERGER	D9	7892744	01-09	0.00	0.00	0.00
SCHLUMBERGER	D9	7892745	01-09	0.00	0.00	0.00
SCHLUMBERGER	D9	7892746	01-09	0.00	0.00	0.00
SCHLUMBERGER	D9	7892747	01-09	0.00	0.00	0.00
SCHLUMBERGER	D9	7892748	01-09	0.00	0.00	0.00
SCHLUMBERGER	D9	7892749	01-09	0.00	0.00	0.00
SCHLUMBERGER	D9	7892750	01-09	0.00	0.00	0.00
SCHLUMBERGER	D9	7892751	01-09	0.00	0.00	0.00
SCHLUMBERGER	D9	7892752	01-09	0.00	0.00	0.00
SCHLUMBERGER	D9	7892753	01-09	0.00	0.00	0.00
SCHLUMBERGER	D9	7892754	01-09	0.00	0.00	0.00
SCHLUMBERGER	D9	7892755	01-09	0.00	0.00	0.00
SCHLUMBERGER	D9	7892756	01-09	0.00	0.00	0.00
SCHLUMBERGER	D9	7892757	01-09	0.00	0.00	0.00
SCHLUMBERGER	D9	7892758	01-09	0.00	0.00	0.00
SCHLUMBERGER	D9	7892759	01-09	0.00	0.00	0.00
SCHLUMBERGER	D9	7892760	01-09	0.00	0.00	0.00
SCHLUMBERGER	D9	7892761	01-09	0.00	0.00	0.00
SCHLUMBERGER	D9	7892762	01-09	0.00	0.00	0.00
SCHLUMBERGER	D9	7892763	01-09	0.00	0.00	0.00
SCHLUMBERGER	D9	7892764	01-09	0.00	0.00	0.00
SCHLUMBERGER	D9	7892765	01-09	0.00	0.00	0.00
SCHLUMBERGER	D9	7892766	01-09	0.00	0.00	0.00
SCHLUMBERGER	D9	7892767	01-09	0.00	0.00	0.00
SCHLUMBERGER	D9	7892768	01-09	0.00	0.00	0.00
SCHLUMBERGER	D9	7892769	01-09	0.00	0.00	0.00
SCHLUMBERGER	D9	7892770	01-09	0.00	0.00	0.00
SCHLUMBERGER	D9	7892771	01-09	0.00	0.00	0.00
SCHLUMBERGER	D9	7892772	01-09	0.00	0.00	0.00
SCHLUMBERGER	D9	7892773	01-09	0.00	0.00	0.00
SCHLUMBERGER	D9	7892774	01-09	0.00	0.00	0.00
SCHLUMBERGER	D9	7892775	01-09	0.00	0.00	0.00











MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACOR
CHL	UM8	7833027	01-07	925	97.9	79
CHL	UM8	7833028	01-07	855	97.9	82
CHL	UM8	7833029	01-07	979	97.9	82
CHL	UM8	7833030	01-07	974	97.9	82
CHL	UM8	7833031	01-07	100.0	97.9	82
CHL	UM8	7833032	01-07	979	97.9	82
CHL	UM8	7833033	01-07	974	97.9	82
CHL	UM8	7833034	01-07	100.0	97.9	82
CHL	UM8	7833035	01-07	979	97.9	82
CHL	UM8	7833036	01-07	974	97.9	82
CHL	UM8	7833037	01-07	100.0	97.9	82
CHL	UM8	7833038	01-07	979	97.9	82
CHL	UM8	7833039	01-07	974	97.9	82
CHL	UM8	7833040	01-07	100.0	97.9	82
CHL	UM8	7833041	01-07	979	97.9	82
CHL	UM8	7833042	01-07	974	97.9	82
CHL	UM8	7833043	01-07	100.0	97.9	82
CHL	UM8	7833044	01-07	979	97.9	82
CHL	UM8	7833045	01-07	974	97.9	82
CHL	UM8	7833046	01-07	100.0	97.9	82
CHL	UM8	7833047	01-07	979	97.9	82
CHL	UM8	7833048	01-07	974	97.9	82
CHL	UM8	7833049	01-07	100.0	97.9	82
CHL	UM8	7833050	01-07	979	97.9	82
CHL	UM8	7833051	01-07	974	97.9	82
CHL	UM8	7833052	01-07	100.0	97.9	82
CHL	UM8	7833053	01-07	979	97.9	82
CHL	UM8	7833054	01-07	974	97.9	82
CHL	UM8	7833055	01-07	100.0	97.9	82
CHL	UM8	7833056	01-07	979	97.9	82
CHL	UM8	7833057	01-07	974	97.9	82
CHL	UM8	7833058	01-07	100.0	97.9	82
CHL	UM8	7833059	01-07	979	97.9	82
CHL	UM8	7833060	01-07	974	97.9	82
CHL	UM8	7833061	01-07	100.0	97.9	82
CHL	UM8	7833062	01-07	979	97.9	82
CHL	UM8	7833063	01-07	974	97.9	82
CHL	UM8	7833064	01-07	100.0	97.9	82
CHL	UM8	7833065	01-07	979	97.9	82
CHL	UM8	7833066	01-07	974	97.9	82
CHL	UM8	7833067	01-07	100.0	97.9	82
CHL	UM8	7833068	01-07	979	97.9	82
CHL	UM8	7833069	01-07	974	97.9	82
CHL	UM8	7833070	01-07	100.0	97.9	82
CHL	UM8	7833071	01-07	979	97.9	82
CHL	UM8	7833072	01-07	974	97.9	82
CHL	UM8	7833073	01-07	100.0	97.9	82
CHL	UM8	7833074	01-07	979	97.9	82
CHL	UM8	7833075	01-07	974	97.9	82
CHL	UM8	7833076	01-07	100.0	97.9	82
CHL	UM8	7833077	01-07	979	97.9	82
CHL	UM8	7833078	01-07	974	97.9	82
CHL	UM8	7833079	01-07	100.0	97.9	82
CHL	UM8	7833080	01-07	979	97.9	82
CHL	UM8	7833081	01-07	974	97.9	82
CHL	UM8	7833082	01-07	100.0	97.9	82
CHL	UM8	7833083	01-07	979	97.9	82
CHL	UM8	7833084	01-07	974	97.9	82
CHL	UM8	7833085	01-07	100.0	97.9	82
CHL	UM8	7833086	01-07	979	97.9	82
CHL	UM8	7833087	01-07	974	97.9	82
CHL	UM8	7833088	01-07	100.0	97.9	82
CHL	UM8	7833089	01-07	979	97.9	82
CHL	UM8	7833090	01-07	974	97.9	82
CHL	UM8	7833091	01-07	100.0	97.9	82
CHL	UM8	7833092	01-07	979	97.9	82
CHL	UM8	7833093	01-07	974	97.9	82
CHL	UM8	7833094	01-07	100.0	97.9	82
CHL	UM8	7833095	01-07	979	97.9	82
CHL	UM8	7833096	01-07	974	97.9	82
CHL	UM8	7833097	01-07	100.0	97.9	82
CHL	UM8	7833098	01-07	979	97.9	82
CHL	UM8	7833099	01-07	974	97.9	82
CHL	UM8	7833100	01-07	100.0	97.9	82

















MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PF FACTOR
CHL	UM8	783427	01-09	81	100.00	100.00
CHL	UM8	783428	01-09	81	100.00	100.00
CHL	UM8	783429	01-09	81	100.00	100.00
CHL	UM8	783430	01-09	81	100.00	100.00
CHL	UM8	783431	01-09	81	100.00	100.00
CHL	UM8	783432	01-09	81	100.00	100.00
CHL	UM8	783433	01-09	81	100.00	100.00
CHL	UM8	783434	01-09	81	100.00	100.00
CHL	UM8	783435	01-09	81	100.00	100.00
CHL	UM8	783436	01-09	81	100.00	100.00
CHL	UM8	783437	01-09	81	100.00	100.00
CHL	UM8	783438	01-09	81	100.00	100.00
CHL	UM8	783439	01-09	81	100.00	100.00
CHL	UM8	783440	01-09	81	100.00	100.00
CHL	UM8	783441	01-09	81	100.00	100.00
CHL	UM8	783442	01-09	81	100.00	100.00
CHL	UM8	783443	01-09	81	100.00	100.00
CHL	UM8	783444	01-09	81	100.00	100.00
CHL	UM8	783445	01-09	81	100.00	100.00
CHL	UM8	783446	01-09	81	100.00	100.00
CHL	UM8	783447	01-09	81	100.00	100.00
CHL	UM8	783448	01-09	81	100.00	100.00
CHL	UM8	783449	01-09	81	100.00	100.00
CHL	UM8	783450	01-09	81	100.00	100.00
CHL	UM8	783451	01-09	81	100.00	100.00
CHL	UM8	783452	01-09	81	100.00	100.00
CHL	UM8	783453	01-09	81	100.00	100.00
CHL	UM8	783454	01-09	81	100.00	100.00
CHL	UM8	783455	01-09	81	100.00	100.00
CHL	UM8	783456	01-09	81	100.00	100.00
CHL	UM8	783457	01-09	81	100.00	100.00
CHL	UM8	783458	01-09	81	100.00	100.00
CHL	UM8	783459	01-09	81	100.00	100.00
CHL	UM8	783460	01-09	81	100.00	100.00
CHL	UM8	783461	01-09	81	100.00	100.00
CHL	UM8	783462	01-09	81	100.00	100.00
CHL	UM8	783463	01-09	81	100.00	100.00
CHL	UM8	783464	01-09	81	100.00	100.00
CHL	UM8	783465	01-09	81	100.00	100.00
CHL	UM8	783466	01-09	81	100.00	100.00
CHL	UM8	783467	01-09	81	100.00	100.00
CHL	UM8	783468	01-09	81	100.00	100.00
CHL	UM8	783469	01-09	81	100.00	100.00
CHL	UM8	783470	01-09	81	100.00	100.00
CHL	UM8	783471	01-09	81	100.00	100.00
CHL	UM8	783472	01-09	81	100.00	100.00
CHL	UM8	783473	01-09	81	100.00	100.00
CHL	UM8	783474	01-09	81	100.00	100.00
CHL	UM8	783475	01-09	81	100.00	100.00
CHL	UM8	783476	01-09	81	100.00	100.00
CHL	UM8	783477	01-09	81	100.00	100.00
CHL	UM8	783478	01-09	81	100.00	100.00
CHL	UM8	783479	01-09	81	100.00	100.00
CHL	UM8	783480	01-09	81	100.00	100.00
CHL	UM8	783481	01-09	81	100.00	100.00
CHL	UM8	783482	01-09	81	100.00	100.00
CHL	UM8	783483	01-09	81	100.00	100.00
CHL	UM8	783484	01-09	81	100.00	100.00
CHL	UM8	783485	01-09	81	100.00	100.00
CHL	UM8	783486	01-09	81	100.00	100.00
CHL	UM8	783487	01-09	81	100.00	100.00
CHL	UM8	783488	01-09	81	100.00	100.00
CHL	UM8	783489	01-09	81	100.00	100.00
CHL	UM8	783490	01-09	81	100.00	100.00
CHL	UM8	783491	01-09	81	100.00	100.00
CHL	UM8	783492	01-09	81	100.00	100.00
CHL	UM8	783493	01-09	81	100.00	100.00
CHL	UM8	783494	01-09	81	100.00	100.00
CHL	UM8	783495	01-09	81	100.00	100.00
CHL	UM8	783496	01-09	81	100.00	100.00
CHL	UM8	783497	01-09	81	100.00	100.00
CHL	UM8	783498	01-09	81	100.00	100.00
CHL	UM8	783499	01-09	81	100.00	100.00
CHL	UM8	783500	01-09	81	100.00	100.00













MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PF FACTOR
CHL	U	783725	01-09	109.04	079.91	097.71
CHL	U	783727	01-09	109.87	109.14	100.31
CHL	U	783728	01-09	079.79	079.78	099.80
CHL	U	783729	01-09	079.79	109.26	100.12
CHL	U	783730	01-09	079.80	109.88	100.12
CHL	U	783731	01-09	079.78	109.88	100.17
CHL	U	783732	01-09	079.82	109.88	100.17
CHL	U	783733	01-09	109.04	109.12	100.14
CHL	U	783734	01-09	109.04	109.12	100.14
CHL	U	783735	01-09	109.04	109.12	100.14
CHL	U	783736	01-09	109.04	109.12	100.14
CHL	U	783737	01-09	109.04	109.12	100.14
CHL	U	783738	01-09	109.04	109.12	100.14
CHL	U	783739	01-09	109.04	109.12	100.14
CHL	U	783740	01-09	109.04	109.12	100.14
CHL	U	783741	01-09	109.04	109.12	100.14
CHL	U	783742	01-09	109.04	109.12	100.14
CHL	U	783743	01-09	109.04	109.12	100.14
CHL	U	783744	01-09	109.04	109.12	100.14
CHL	U	783745	01-09	109.04	109.12	100.14
CHL	U	783746	01-09	109.04	109.12	100.14
CHL	U	783747	01-09	109.04	109.12	100.14
CHL	U	783748	01-09	109.04	109.12	100.14
CHL	U	783749	01-09	109.04	109.12	100.14
CHL	U	783750	01-09	109.04	109.12	100.14
CHL	U	783751	01-09	109.04	109.12	100.14
CHL	U	783752	01-09	109.04	109.12	100.14
CHL	U	783753	01-09	109.04	109.12	100.14
CHL	U	783754	01-09	109.04	109.12	100.14
CHL	U	783755	01-09	109.04	109.12	100.14
CHL	U	783756	01-09	109.04	109.12	100.14
CHL	U	783757	01-09	109.04	109.12	100.14
CHL	U	783758	01-09	109.04	109.12	100.14
CHL	U	783759	01-09	109.04	109.12	100.14
CHL	U	783760	01-09	109.04	109.12	100.14
CHL	U	783761	01-09	109.04	109.12	100.14
CHL	U	783762	01-09	109.04	109.12	100.14
CHL	U	783763	01-09	109.04	109.12	100.14
CHL	U	783764	01-09	109.04	109.12	100.14
CHL	U	783765	01-09	109.04	109.12	100.14
CHL	U	783766	01-09	109.04	109.12	100.14
CHL	U	783767	01-09	109.04	109.12	100.14
CHL	U	783768	01-09	109.04	109.12	100.14
CHL	U	783769	01-09	109.04	109.12	100.14
CHL	U	783770	01-09	109.04	109.12	100.14
CHL	U	783771	01-09	109.04	109.12	100.14
CHL	U	783772	01-09	109.04	109.12	100.14
CHL	U	783773	01-09	109.04	109.12	100.14
CHL	U	783774	01-09	109.04	109.12	100.14
CHL	U	783775	01-09	109.04	109.12	100.14











LOUISVILLE GAS & ELECTRIC COMPANY  
METER SUBSISTEM (MSI)  
NEW METERS ADDED LAST YEAR

MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACITOR
CHLUMBER	D9	7840226	02/01/03	107.90	99.95	100.14
CHLUMBER	D9	7840227	02/01/03	106.04	100.05	100.14
CHLUMBER	D9	7840228	02/01/03	106.13	100.07	100.14
CHLUMBER	D9	7840229	02/01/03	106.03	100.07	100.14
CHLUMBER	D9	7840230	02/01/03	106.24	100.14	100.40
CHLUMBER	D9	7840231	02/01/03	99.97	99.97	100.09
CHLUMBER	D9	7840232	02/01/03	99.97	99.97	100.09
CHLUMBER	D9	7840233	02/01/03	99.97	99.97	100.09
CHLUMBER	D9	7840234	02/01/03	99.97	99.97	100.09
CHLUMBER	D9	7840235	02/01/03	99.97	99.97	100.09
CHLUMBER	D9	7840236	02/01/03	99.97	99.97	100.09
CHLUMBER	D9	7840237	02/01/03	99.97	99.97	100.09
CHLUMBER	D9	7840238	02/01/03	99.97	99.97	100.09
CHLUMBER	D9	7840239	02/01/03	99.97	99.97	100.09
CHLUMBER	D9	7840240	02/01/03	99.97	99.97	100.09
CHLUMBER	D9	7840241	02/01/03	99.97	99.97	100.09
CHLUMBER	D9	7840242	02/01/03	99.97	99.97	100.09
CHLUMBER	D9	7840243	02/01/03	99.97	99.97	100.09
CHLUMBER	D9	7840244	02/01/03	99.97	99.97	100.09
CHLUMBER	D9	7840245	02/01/03	99.97	99.97	100.09
CHLUMBER	D9	7840246	02/01/03	99.97	99.97	100.09
CHLUMBER	D9	7840247	02/01/03	99.97	99.97	100.09
CHLUMBER	D9	7840248	02/01/03	99.97	99.97	100.09
CHLUMBER	D9	7840249	02/01/03	99.97	99.97	100.09
CHLUMBER	D9	7840250	02/01/03	99.97	99.97	100.09
CHLUMBER	D9	7840251	02/01/03	99.97	99.97	100.09
CHLUMBER	D9	7840252	02/01/03	99.97	99.97	100.09
CHLUMBER	D9	7840253	02/01/03	99.97	99.97	100.09
CHLUMBER	D9	7840254	02/01/03	99.97	99.97	100.09
CHLUMBER	D9	7840255	02/01/03	99.97	99.97	100.09
CHLUMBER	D9	7840256	02/01/03	99.97	99.97	100.09
CHLUMBER	D9	7840257	02/01/03	99.97	99.97	100.09
CHLUMBER	D9	7840258	02/01/03	99.97	99.97	100.09
CHLUMBER	D9	7840259	02/01/03	99.97	99.97	100.09
CHLUMBER	D9	7840260	02/01/03	99.97	99.97	100.09
CHLUMBER	D9	7840261	02/01/03	99.97	99.97	100.09
CHLUMBER	D9	7840262	02/01/03	99.97	99.97	100.09
CHLUMBER	D9	7840263	02/01/03	99.97	99.97	100.09
CHLUMBER	D9	7840264	02/01/03	99.97	99.97	100.09
CHLUMBER	D9	7840265	02/01/03	99.97	99.97	100.09
CHLUMBER	D9	7840266	02/01/03	99.97	99.97	100.09
CHLUMBER	D9	7840267	02/01/03	99.97	99.97	100.09
CHLUMBER	D9	7840268	02/01/03	99.97	99.97	100.09
CHLUMBER	D9	7840269	02/01/03	99.97	99.97	100.09
CHLUMBER	D9	7840270	02/01/03	99.97	99.97	100.09
CHLUMBER	D9	7840271	02/01/03	99.97	99.97	100.09
CHLUMBER	D9	7840272	02/01/03	99.97	99.97	100.09
CHLUMBER	D9	7840273	02/01/03	99.97	99.97	100.09
CHLUMBER	D9	7840274	02/01/03	99.97	99.97	100.09
CHLUMBER	D9	7840275	02/01/03	99.97	99.97	100.09

MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PF FACTOR
CHL	099	7840776	099	774	100	099
CHL	099	7840777	099	774	100	099
CHL	099	7840778	099	774	100	099
CHL	099	7840779	099	774	100	099
CHL	099	7840831	099	774	100	099
CHL	099	7840832	099	774	100	099
CHL	099	7840833	099	774	100	099
CHL	099	7840834	099	774	100	099
CHL	099	7840835	099	774	100	099
CHL	099	7840836	099	774	100	099
CHL	099	7840837	099	774	100	099
CHL	099	7840838	099	774	100	099
CHL	099	7840839	099	774	100	099
CHL	099	7840840	099	774	100	099
CHL	099	7840841	099	774	100	099
CHL	099	7840842	099	774	100	099
CHL	099	7840843	099	774	100	099
CHL	099	7840844	099	774	100	099
CHL	099	7840845	099	774	100	099
CHL	099	7840846	099	774	100	099
CHL	099	7840847	099	774	100	099
CHL	099	7840848	099	774	100	099
CHL	099	7840849	099	774	100	099
CHL	099	7840850	099	774	100	099
CHL	099	7840851	099	774	100	099
CHL	099	7840852	099	774	100	099
CHL	099	7840853	099	774	100	099
CHL	099	7840854	099	774	100	099
CHL	099	7840855	099	774	100	099
CHL	099	7840856	099	774	100	099
CHL	099	7840857	099	774	100	099
CHL	099	7840858	099	774	100	099
CHL	099	7840859	099	774	100	099
CHL	099	7840860	099	774	100	099
CHL	099	7840861	099	774	100	099
CHL	099	7840862	099	774	100	099
CHL	099	7840863	099	774	100	099
CHL	099	7840864	099	774	100	099
CHL	099	7840865	099	774	100	099
CHL	099	7840866	099	774	100	099
CHL	099	7840867	099	774	100	099
CHL	099	7840868	099	774	100	099
CHL	099	7840869	099	774	100	099
CHL	099	7840870	099	774	100	099
CHL	099	7840871	099	774	100	099
CHL	099	7840872	099	774	100	099
CHL	099	7840873	099	774	100	099
CHL	099	7840874	099	774	100	099
CHL	099	7840875	099	774	100	099
CHL	099	7840876	099	774	100	099
CHL	099	7840877	099	774	100	099
CHL	099	7840878	099	774	100	099
CHL	099	7840879	099	774	100	099
CHL	099	7840880	099	774	100	099
CHL	099	7840881	099	774	100	099
CHL	099	7840882	099	774	100	099
CHL	099	7840883	099	774	100	099
CHL	099	7840884	099	774	100	099
CHL	099	7840885	099	774	100	099
CHL	099	7840886	099	774	100	099
CHL	099	7840887	099	774	100	099
CHL	099	7840888	099	774	100	099
CHL	099	7840889	099	774	100	099
CHL	099	7840890	099	774	100	099
CHL	099	7840891	099	774	100	099
CHL	099	7840892	099	774	100	099
CHL	099	7840893	099	774	100	099
CHL	099	7840894	099	774	100	099
CHL	099	7840895	099	774	100	099
CHL	099	7840896	099	774	100	099
CHL	099	7840897	099	774	100	099
CHL	099	7840898	099	774	100	099
CHL	099	7840899	099	774	100	099
CHL	099	7840900	099	774	100	099





































LOUISVILLE GAS & ELECTRIC COMPANY  
METER SUBSYSTEM (MSS)  
NEW METERS ADDED LAST YEAR

MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACOR
CHLUMBER	09	784925	03-04	93	10	15
CHLUMBER	09	784927	03-04	80	17	15
CHLUMBER	09	784928	03-04	81	17	15
CHLUMBER	09	784929	03-04	81	17	15
CHLUMBER	09	784930	03-04	82	17	15
CHLUMBER	09	784931	03-04	81	17	15
CHLUMBER	09	784932	03-04	82	17	15
CHLUMBER	09	784933	03-04	82	17	15
CHLUMBER	09	784934	03-04	82	17	15
CHLUMBER	09	784935	03-04	82	17	15
CHLUMBER	09	784936	03-04	82	17	15
CHLUMBER	09	784937	03-04	82	17	15
CHLUMBER	09	784938	03-04	82	17	15
CHLUMBER	09	784939	03-04	82	17	15
CHLUMBER	09	784940	03-04	82	17	15
CHLUMBER	09	784941	03-04	82	17	15
CHLUMBER	09	784942	03-04	82	17	15
CHLUMBER	09	784943	03-04	82	17	15
CHLUMBER	09	784944	03-04	82	17	15
CHLUMBER	09	784945	03-04	82	17	15
CHLUMBER	09	784946	03-04	82	17	15
CHLUMBER	09	784947	03-04	82	17	15
CHLUMBER	09	784948	03-04	82	17	15
CHLUMBER	09	784949	03-04	82	17	15
CHLUMBER	09	784950	03-04	82	17	15
CHLUMBER	09	784951	03-04	82	17	15
CHLUMBER	09	784952	03-04	82	17	15
CHLUMBER	09	784953	03-04	82	17	15
CHLUMBER	09	784954	03-04	82	17	15
CHLUMBER	09	784955	03-04	82	17	15
CHLUMBER	09	784956	03-04	82	17	15
CHLUMBER	09	784957	03-04	82	17	15
CHLUMBER	09	784958	03-04	82	17	15
CHLUMBER	09	784959	03-04	82	17	15
CHLUMBER	09	784960	03-04	82	17	15
CHLUMBER	09	784961	03-04	82	17	15
CHLUMBER	09	784962	03-04	82	17	15
CHLUMBER	09	784963	03-04	82	17	15
CHLUMBER	09	784964	03-04	82	17	15
CHLUMBER	09	784965	03-04	82	17	15
CHLUMBER	09	784966	03-04	82	17	15
CHLUMBER	09	784967	03-04	82	17	15
CHLUMBER	09	784968	03-04	82	17	15
CHLUMBER	09	784969	03-04	82	17	15
CHLUMBER	09	784970	03-04	82	17	15
CHLUMBER	09	784971	03-04	82	17	15
CHLUMBER	09	784972	03-04	82	17	15
CHLUMBER	09	784973	03-04	82	17	15
CHLUMBER	09	784974	03-04	82	17	15
CHLUMBER	09	784975	03-04	82	17	15
CHLUMBER	09	784976	03-04	82	17	15
CHLUMBER	09	784977	03-04	82	17	15
CHLUMBER	09	784978	03-04	82	17	15
CHLUMBER	09	784979	03-04	82	17	15
CHLUMBER	09	784980	03-04	82	17	15
CHLUMBER	09	784981	03-04	82	17	15
CHLUMBER	09	784982	03-04	82	17	15
CHLUMBER	09	784983	03-04	82	17	15
CHLUMBER	09	784984	03-04	82	17	15
CHLUMBER	09	784985	03-04	82	17	15
CHLUMBER	09	784986	03-04	82	17	15
CHLUMBER	09	784987	03-04	82	17	15
CHLUMBER	09	784988	03-04	82	17	15
CHLUMBER	09	784989	03-04	82	17	15
CHLUMBER	09	784990	03-04	82	17	15
CHLUMBER	09	784991	03-04	82	17	15
CHLUMBER	09	784992	03-04	82	17	15
CHLUMBER	09	784993	03-04	82	17	15
CHLUMBER	09	784994	03-04	82	17	15
CHLUMBER	09	784995	03-04	82	17	15
CHLUMBER	09	784996	03-04	82	17	15
CHLUMBER	09	784997	03-04	82	17	15
CHLUMBER	09	784998	03-04	82	17	15
CHLUMBER	09	784999	03-04	82	17	15
CHLUMBER	09	785000	03-04	82	17	15



LOUISVILLE GAS & ELECTRIC COMPANY  
METER SUBSYSTEM (MS1)  
NEW METER ADDRESS LAST YEAR

MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PF FACTOR
CHL	09	785027	03-04	022	44	099
CHL	09	785028	03-04	022	44	099
CHL	09	785029	03-04	022	44	099
CHL	09	785030	03-04	022	44	099
CHL	09	785031	03-04	022	44	099
CHL	09	785032	03-04	022	44	099
CHL	09	785033	03-04	022	44	099
CHL	09	785034	03-04	022	44	099
CHL	09	785035	03-04	022	44	099
CHL	09	785036	03-04	022	44	099
CHL	09	785037	03-04	022	44	099
CHL	09	785038	03-04	022	44	099
CHL	09	785039	03-04	022	44	099
CHL	09	785040	03-04	022	44	099
CHL	09	785041	03-04	022	44	099
CHL	09	785042	03-04	022	44	099
CHL	09	785043	03-04	022	44	099
CHL	09	785044	03-04	022	44	099
CHL	09	785045	03-04	022	44	099
CHL	09	785046	03-04	022	44	099
CHL	09	785047	03-04	022	44	099
CHL	09	785048	03-04	022	44	099
CHL	09	785049	03-04	022	44	099
CHL	09	785050	03-04	022	44	099
CHL	09	785051	03-04	022	44	099
CHL	09	785052	03-04	022	44	099
CHL	09	785053	03-04	022	44	099
CHL	09	785054	03-04	022	44	099
CHL	09	785055	03-04	022	44	099
CHL	09	785056	03-04	022	44	099
CHL	09	785057	03-04	022	44	099
CHL	09	785058	03-04	022	44	099
CHL	09	785059	03-04	022	44	099
CHL	09	785060	03-04	022	44	099
CHL	09	785061	03-04	022	44	099
CHL	09	785062	03-04	022	44	099
CHL	09	785063	03-04	022	44	099
CHL	09	785064	03-04	022	44	099
CHL	09	785065	03-04	022	44	099
CHL	09	785066	03-04	022	44	099
CHL	09	785067	03-04	022	44	099
CHL	09	785068	03-04	022	44	099
CHL	09	785069	03-04	022	44	099
CHL	09	785070	03-04	022	44	099
CHL	09	785071	03-04	022	44	099
CHL	09	785072	03-04	022	44	099
CHL	09	785073	03-04	022	44	099
CHL	09	785074	03-04	022	44	099
CHL	09	785075	03-04	022	44	099













LOUISVILLE GAS & ELECTRIC COMPANY  
METER SUBSYSTEM (MS5)  
NEW METERS ADDED LAST YEAR

MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACOR
CHL	D9	78553227	03-06	077.82	079.74	07-01
CHL	D9	78553228	03-06	079.17	079.72	07-01
CHL	D9	78553229	03-06	108.17	102.07	103-01
CHL	D9	78553230	03-06	059.72	059.33	09-01
CHL	D9	78553231	03-06	108.01	107.01	103-01
CHL	D9	78553232	03-06	108.01	107.01	103-01
CHL	D9	78553233	03-06	108.01	107.01	103-01
CHL	D9	78553234	03-06	108.01	107.01	103-01
CHL	D9	78553235	03-06	108.01	107.01	103-01
CHL	D9	78553236	03-06	108.01	107.01	103-01
CHL	D9	78553237	03-06	108.01	107.01	103-01
CHL	D9	78553238	03-06	108.01	107.01	103-01
CHL	D9	78553239	03-06	108.01	107.01	103-01
CHL	D9	78553240	03-06	108.01	107.01	103-01
CHL	D9	78553241	03-06	108.01	107.01	103-01
CHL	D9	78553242	03-06	108.01	107.01	103-01
CHL	D9	78553243	03-06	108.01	107.01	103-01
CHL	D9	78553244	03-06	108.01	107.01	103-01
CHL	D9	78553245	03-06	108.01	107.01	103-01
CHL	D9	78553246	03-06	108.01	107.01	103-01
CHL	D9	78553247	03-06	108.01	107.01	103-01
CHL	D9	78553248	03-06	108.01	107.01	103-01
CHL	D9	78553249	03-06	108.01	107.01	103-01
CHL	D9	78553250	03-06	108.01	107.01	103-01
CHL	D9	78553251	03-06	108.01	107.01	103-01
CHL	D9	78553252	03-06	108.01	107.01	103-01
CHL	D9	78553253	03-06	108.01	107.01	103-01
CHL	D9	78553254	03-06	108.01	107.01	103-01
CHL	D9	78553255	03-06	108.01	107.01	103-01
CHL	D9	78553256	03-06	108.01	107.01	103-01
CHL	D9	78553257	03-06	108.01	107.01	103-01
CHL	D9	78553258	03-06	108.01	107.01	103-01
CHL	D9	78553259	03-06	108.01	107.01	103-01
CHL	D9	78553260	03-06	108.01	107.01	103-01
CHL	D9	78553261	03-06	108.01	107.01	103-01
CHL	D9	78553262	03-06	108.01	107.01	103-01
CHL	D9	78553263	03-06	108.01	107.01	103-01
CHL	D9	78553264	03-06	108.01	107.01	103-01
CHL	D9	78553265	03-06	108.01	107.01	103-01
CHL	D9	78553266	03-06	108.01	107.01	103-01
CHL	D9	78553267	03-06	108.01	107.01	103-01
CHL	D9	78553268	03-06	108.01	107.01	103-01
CHL	D9	78553269	03-06	108.01	107.01	103-01
CHL	D9	78553270	03-06	108.01	107.01	103-01
CHL	D9	78553271	03-06	108.01	107.01	103-01
CHL	D9	78553272	03-06	108.01	107.01	103-01
CHL	D9	78553273	03-06	108.01	107.01	103-01
CHL	D9	78553274	03-06	108.01	107.01	103-01
CHL	D9	78553275	03-06	108.01	107.01	103-01
CHL	D9	78553276	03-06	108.01	107.01	103-01
CHL	D9	78553277	03-06	108.01	107.01	103-01
CHL	D9	78553278	03-06	108.01	107.01	103-01
CHL	D9	78553279	03-06	108.01	107.01	103-01
CHL	D9	78553280	03-06	108.01	107.01	103-01
CHL	D9	78553281	03-06	108.01	107.01	103-01
CHL	D9	78553282	03-06	108.01	107.01	103-01
CHL	D9	78553283	03-06	108.01	107.01	103-01
CHL	D9	78553284	03-06	108.01	107.01	103-01
CHL	D9	78553285	03-06	108.01	107.01	103-01
CHL	D9	78553286	03-06	108.01	107.01	103-01
CHL	D9	78553287	03-06	108.01	107.01	103-01
CHL	D9	78553288	03-06	108.01	107.01	103-01
CHL	D9	78553289	03-06	108.01	107.01	103-01
CHL	D9	78553290	03-06	108.01	107.01	103-01
CHL	D9	78553291	03-06	108.01	107.01	103-01
CHL	D9	78553292	03-06	108.01	107.01	103-01
CHL	D9	78553293	03-06	108.01	107.01	103-01
CHL	D9	78553294	03-06	108.01	107.01	103-01
CHL	D9	78553295	03-06	108.01	107.01	103-01
CHL	D9	78553296	03-06	108.01	107.01	103-01
CHL	D9	78553297	03-06	108.01	107.01	103-01
CHL	D9	78553298	03-06	108.01	107.01	103-01
CHL	D9	78553299	03-06	108.01	107.01	103-01
CHL	D9	78553300	03-06	108.01	107.01	103-01



MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACOR
CHL	UM6	027000	03-06	109.71	100.97	109.45
CHL	UM6	782422	03-06	109.47	100.97	109.45
CHL	UM6	782423	03-06	109.47	100.97	109.45
CHL	UM6	782424	03-06	109.47	100.97	109.45
CHL	UM6	782425	03-06	109.47	100.97	109.45
CHL	UM6	782426	03-06	109.47	100.97	109.45
CHL	UM6	782427	03-06	109.47	100.97	109.45
CHL	UM6	782428	03-06	109.47	100.97	109.45
CHL	UM6	782429	03-06	109.47	100.97	109.45
CHL	UM6	782430	03-06	109.47	100.97	109.45
CHL	UM6	782431	03-06	109.47	100.97	109.45
CHL	UM6	782432	03-06	109.47	100.97	109.45
CHL	UM6	782433	03-06	109.47	100.97	109.45
CHL	UM6	782434	03-06	109.47	100.97	109.45
CHL	UM6	782435	03-06	109.47	100.97	109.45
CHL	UM6	782436	03-06	109.47	100.97	109.45
CHL	UM6	782437	03-06	109.47	100.97	109.45
CHL	UM6	782438	03-06	109.47	100.97	109.45
CHL	UM6	782439	03-06	109.47	100.97	109.45
CHL	UM6	782440	03-06	109.47	100.97	109.45
CHL	UM6	782441	03-06	109.47	100.97	109.45
CHL	UM6	782442	03-06	109.47	100.97	109.45
CHL	UM6	782443	03-06	109.47	100.97	109.45
CHL	UM6	782444	03-06	109.47	100.97	109.45
CHL	UM6	782445	03-06	109.47	100.97	109.45
CHL	UM6	782446	03-06	109.47	100.97	109.45
CHL	UM6	782447	03-06	109.47	100.97	109.45
CHL	UM6	782448	03-06	109.47	100.97	109.45
CHL	UM6	782449	03-06	109.47	100.97	109.45
CHL	UM6	782450	03-06	109.47	100.97	109.45
CHL	UM6	782451	03-06	109.47	100.97	109.45
CHL	UM6	782452	03-06	109.47	100.97	109.45
CHL	UM6	782453	03-06	109.47	100.97	109.45
CHL	UM6	782454	03-06	109.47	100.97	109.45
CHL	UM6	782455	03-06	109.47	100.97	109.45
CHL	UM6	782456	03-06	109.47	100.97	109.45
CHL	UM6	782457	03-06	109.47	100.97	109.45
CHL	UM6	782458	03-06	109.47	100.97	109.45
CHL	UM6	782459	03-06	109.47	100.97	109.45
CHL	UM6	782460	03-06	109.47	100.97	109.45
CHL	UM6	782461	03-06	109.47	100.97	109.45
CHL	UM6	782462	03-06	109.47	100.97	109.45
CHL	UM6	782463	03-06	109.47	100.97	109.45
CHL	UM6	782464	03-06	109.47	100.97	109.45
CHL	UM6	782465	03-06	109.47	100.97	109.45
CHL	UM6	782466	03-06	109.47	100.97	109.45
CHL	UM6	782467	03-06	109.47	100.97	109.45
CHL	UM6	782468	03-06	109.47	100.97	109.45
CHL	UM6	782469	03-06	109.47	100.97	109.45
CHL	UM6	782470	03-06	109.47	100.97	109.45
CHL	UM6	782471	03-06	109.47	100.97	109.45
CHL	UM6	782472	03-06	109.47	100.97	109.45
CHL	UM6	782473	03-06	109.47	100.97	109.45
CHL	UM6	782474	03-06	109.47	100.97	109.45
CHL	UM6	782475	03-06	109.47	100.97	109.45
CHL	UM6	782476	03-06	109.47	100.97	109.45
CHL	UM6	782477	03-06	109.47	100.97	109.45
CHL	UM6	782478	03-06	109.47	100.97	109.45
CHL	UM6	782479	03-06	109.47	100.97	109.45
CHL	UM6	782480	03-06	109.47	100.97	109.45
CHL	UM6	782481	03-06	109.47	100.97	109.45
CHL	UM6	782482	03-06	109.47	100.97	109.45
CHL	UM6	782483	03-06	109.47	100.97	109.45
CHL	UM6	782484	03-06	109.47	100.97	109.45
CHL	UM6	782485	03-06	109.47	100.97	109.45
CHL	UM6	782486	03-06	109.47	100.97	109.45
CHL	UM6	782487	03-06	109.47	100.97	109.45
CHL	UM6	782488	03-06	109.47	100.97	109.45
CHL	UM6	782489	03-06	109.47	100.97	109.45
CHL	UM6	782490	03-06	109.47	100.97	109.45
CHL	UM6	782491	03-06	109.47	100.97	109.45
CHL	UM6	782492	03-06	109.47	100.97	109.45
CHL	UM6	782493	03-06	109.47	100.97	109.45
CHL	UM6	782494	03-06	109.47	100.97	109.45
CHL	UM6	782495	03-06	109.47	100.97	109.45
CHL	UM6	782496	03-06	109.47	100.97	109.45
CHL	UM6	782497	03-06	109.47	100.97	109.45
CHL	UM6	782498	03-06	109.47	100.97	109.45
CHL	UM6	782499	03-06	109.47	100.97	109.45
CHL	UM6	782500	03-06	109.47	100.97	109.45









MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PF FACTOR
CHL	09	785A26	03-04	106.24	109.17	100.00
CHL	09	785A27	03-04	107.70	107.83	100.00
CHL	09	785A28	03-04	106.04	107.83	100.00
CHL	09	785A29	03-04	107.16	109.11	100.00
CHL	09	785A30	03-04	106.17	107.93	100.00
CHL	09	785A31	03-04	106.15	109.44	100.00
CHL	09	785A32	03-04	106.14	109.11	100.00
CHL	09	785A33	03-04	106.26	109.34	100.00
CHL	09	785A34	03-04	106.01	109.12	100.00
CHL	09	785A35	03-04	106.03	109.12	100.00
CHL	09	785A36	03-04	106.03	109.12	100.00
CHL	09	785A37	03-04	106.03	109.12	100.00
CHL	09	785A38	03-04	106.03	109.12	100.00
CHL	09	785A39	03-04	106.03	109.12	100.00
CHL	09	785A40	03-04	106.03	109.12	100.00
CHL	09	785A41	03-04	106.03	109.12	100.00
CHL	09	785A42	03-04	106.03	109.12	100.00
CHL	09	785A43	03-04	106.03	109.12	100.00
CHL	09	785A44	03-04	106.03	109.12	100.00
CHL	09	785A45	03-04	106.03	109.12	100.00
CHL	09	785A46	03-04	106.03	109.12	100.00
CHL	09	785A47	03-04	106.03	109.12	100.00
CHL	09	785A48	03-04	106.03	109.12	100.00
CHL	09	785A49	03-04	106.03	109.12	100.00
CHL	09	785A50	03-04	106.03	109.12	100.00
CHL	09	785A51	03-04	106.03	109.12	100.00
CHL	09	785A52	03-04	106.03	109.12	100.00
CHL	09	785A53	03-04	106.03	109.12	100.00
CHL	09	785A54	03-04	106.03	109.12	100.00
CHL	09	785A55	03-04	106.03	109.12	100.00
CHL	09	785A56	03-04	106.03	109.12	100.00
CHL	09	785A57	03-04	106.03	109.12	100.00
CHL	09	785A58	03-04	106.03	109.12	100.00
CHL	09	785A59	03-04	106.03	109.12	100.00
CHL	09	785A60	03-04	106.03	109.12	100.00
CHL	09	785A61	03-04	106.03	109.12	100.00
CHL	09	785A62	03-04	106.03	109.12	100.00
CHL	09	785A63	03-04	106.03	109.12	100.00
CHL	09	785A64	03-04	106.03	109.12	100.00
CHL	09	785A65	03-04	106.03	109.12	100.00
CHL	09	785A66	03-04	106.03	109.12	100.00
CHL	09	785A67	03-04	106.03	109.12	100.00
CHL	09	785A68	03-04	106.03	109.12	100.00
CHL	09	785A69	03-04	106.03	109.12	100.00
CHL	09	785A70	03-04	106.03	109.12	100.00
CHL	09	785A71	03-04	106.03	109.12	100.00
CHL	09	785A72	03-04	106.03	109.12	100.00
CHL	09	785A73	03-04	106.03	109.12	100.00
CHL	09	785A74	03-04	106.03	109.12	100.00
CHL	09	785A75	03-04	106.03	109.12	100.00
CHL	09	785A76	03-04	106.03	109.12	100.00
CHL	09	785A77	03-04	106.03	109.12	100.00
CHL	09	785A78	03-04	106.03	109.12	100.00
CHL	09	785A79	03-04	106.03	109.12	100.00
CHL	09	785A80	03-04	106.03	109.12	100.00

CIW950A

LOUISVILLE GAS & ELECTRIC COMPANY  
METER SUBSYSTEM (MS2)  
NEW METERS ADDED LAST YEAR

01/29/2004  
PAGE: 65

MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PF FACTOR
SCHLUMBERGER	D9	785474	2003-03-05	099.75	099.87	099.82
SCHLUMBERGER	D9	785477	2003-03-05	099.87	099.87	099.79
SCHLUMBERGER	D9	785478	2003-03-05	100.14	100.09	100.57
SCHLUMBERGER	D9	785479	2003-03-05	099.94	100.01	100.33
SCHLUMBERGER	D9	785480	2003-03-05	099.74	099.48	099.99
SCHLUMBERGER	D9	785481	2003-03-05	099.87	100.24	100.09
SCHLUMBERGER	D9	785482	2003-03-05	099.84	100.45	100.08
SCHLUMBERGER	D9	785483	2003-03-05	100.88	100.19	099.44
SCHLUMBERGER	D9	785484	2003-03-05	100.88	100.12	100.43
SCHLUMBERGER	D9	785485	2003-03-05	100.88	100.55	100.72
SCHLUMBERGER	D9	785486	2003-03-05	100.88	100.55	100.72
SCHLUMBERGER	D9	785487	2003-03-05	100.88	100.55	100.72
SCHLUMBERGER	D9	785488	2003-03-05	100.88	100.55	100.72
SCHLUMBERGER	D9	785489	2003-03-05	100.88	100.55	100.72
SCHLUMBERGER	D9	785490	2003-03-05	100.88	100.55	100.72
SCHLUMBERGER	D9	785491	2003-03-05	100.88	100.55	100.72
SCHLUMBERGER	D9	785492	2003-03-05	100.88	100.55	100.72
SCHLUMBERGER	D9	785493	2003-03-05	100.88	100.55	100.72
SCHLUMBERGER	D9	785494	2003-03-05	100.88	100.55	100.72
SCHLUMBERGER	D9	785495	2003-03-05	100.88	100.55	100.72
SCHLUMBERGER	D9	785496	2003-03-05	100.88	100.55	100.72
SCHLUMBERGER	D9	785497	2003-03-05	100.88	100.55	100.72
SCHLUMBERGER	D9	785498	2003-03-05	100.88	100.55	100.72
SCHLUMBERGER	D9	785499	2003-03-05	100.88	100.55	100.72
SCHLUMBERGER	D9	785500	2003-03-05	100.88	100.55	100.72
SCHLUMBERGER	D9	785501	2003-03-05	100.88	100.55	100.72
SCHLUMBERGER	D9	785502	2003-03-05	100.88	100.55	100.72
SCHLUMBERGER	D9	785503	2003-03-05	100.88	100.55	100.72
SCHLUMBERGER	D9	785504	2003-03-05	100.88	100.55	100.72
SCHLUMBERGER	D9	785505	2003-03-05	100.88	100.55	100.72
SCHLUMBERGER	D9	785506	2003-03-05	100.88	100.55	100.72
SCHLUMBERGER	D9	785507	2003-03-05	100.88	100.55	100.72
SCHLUMBERGER	D9	785508	2003-03-05	100.88	100.55	100.72
SCHLUMBERGER	D9	785509	2003-03-05	100.88	100.55	100.72
SCHLUMBERGER	D9	785510	2003-03-05	100.88	100.55	100.72
SCHLUMBERGER	D9	785511	2003-03-05	100.88	100.55	100.72
SCHLUMBERGER	D9	785512	2003-03-05	100.88	100.55	100.72
SCHLUMBERGER	D9	785513	2003-03-05	100.88	100.55	100.72
SCHLUMBERGER	D9	785514	2003-03-05	100.88	100.55	100.72
SCHLUMBERGER	D9	785515	2003-03-05	100.88	100.55	100.72
SCHLUMBERGER	D9	785516	2003-03-05	100.88	100.55	100.72
SCHLUMBERGER	D9	785517	2003-03-05	100.88	100.55	100.72
SCHLUMBERGER	D9	785518	2003-03-05	100.88	100.55	100.72
SCHLUMBERGER	D9	785519	2003-03-05	100.88	100.55	100.72
SCHLUMBERGER	D9	785520	2003-03-05	100.88	100.55	100.72
SCHLUMBERGER	D9	785521	2003-03-05	100.88	100.55	100.72
SCHLUMBERGER	D9	785522	2003-03-05	100.88	100.55	100.72
SCHLUMBERGER	D9	785523	2003-03-05	100.88	100.55	100.72
SCHLUMBERGER	D9	785524	2003-03-05	100.88	100.55	100.72
SCHLUMBERGER	D9	785525	2003-03-05	100.88	100.55	100.72

MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACTOR
CHL	UM82	785727	2003-03-06	71.0	100.0	0.99
CHL	UM82	785728	2003-03-06	71.0	100.0	0.99
CHL	UM82	785729	2003-03-06	71.0	100.0	0.99
CHL	UM82	785730	2003-03-06	71.0	100.0	0.99
CHL	UM82	785731	2003-03-06	71.0	100.0	0.99
CHL	UM82	785732	2003-03-06	71.0	100.0	0.99
CHL	UM82	785733	2003-03-06	71.0	100.0	0.99
CHL	UM82	785734	2003-03-06	71.0	100.0	0.99
CHL	UM82	785735	2003-03-06	71.0	100.0	0.99
CHL	UM82	785736	2003-03-06	71.0	100.0	0.99
CHL	UM82	785737	2003-03-06	71.0	100.0	0.99
CHL	UM82	785738	2003-03-06	71.0	100.0	0.99
CHL	UM82	785739	2003-03-06	71.0	100.0	0.99
CHL	UM82	785740	2003-03-06	71.0	100.0	0.99
CHL	UM82	785741	2003-03-06	71.0	100.0	0.99
CHL	UM82	785742	2003-03-06	71.0	100.0	0.99
CHL	UM82	785743	2003-03-06	71.0	100.0	0.99
CHL	UM82	785744	2003-03-06	71.0	100.0	0.99
CHL	UM82	785745	2003-03-06	71.0	100.0	0.99
CHL	UM82	785746	2003-03-06	71.0	100.0	0.99
CHL	UM82	785747	2003-03-06	71.0	100.0	0.99
CHL	UM82	785748	2003-03-06	71.0	100.0	0.99
CHL	UM82	785749	2003-03-06	71.0	100.0	0.99
CHL	UM82	785750	2003-03-06	71.0	100.0	0.99
CHL	UM82	785751	2003-03-06	71.0	100.0	0.99
CHL	UM82	785752	2003-03-06	71.0	100.0	0.99
CHL	UM82	785753	2003-03-06	71.0	100.0	0.99
CHL	UM82	785754	2003-03-06	71.0	100.0	0.99
CHL	UM82	785755	2003-03-06	71.0	100.0	0.99
CHL	UM82	785756	2003-03-06	71.0	100.0	0.99
CHL	UM82	785757	2003-03-06	71.0	100.0	0.99
CHL	UM82	785758	2003-03-06	71.0	100.0	0.99
CHL	UM82	785759	2003-03-06	71.0	100.0	0.99
CHL	UM82	785760	2003-03-06	71.0	100.0	0.99
CHL	UM82	785761	2003-03-06	71.0	100.0	0.99
CHL	UM82	785762	2003-03-06	71.0	100.0	0.99
CHL	UM82	785763	2003-03-06	71.0	100.0	0.99
CHL	UM82	785764	2003-03-06	71.0	100.0	0.99
CHL	UM82	785765	2003-03-06	71.0	100.0	0.99
CHL	UM82	785766	2003-03-06	71.0	100.0	0.99
CHL	UM82	785767	2003-03-06	71.0	100.0	0.99
CHL	UM82	785768	2003-03-06	71.0	100.0	0.99
CHL	UM82	785769	2003-03-06	71.0	100.0	0.99
CHL	UM82	785770	2003-03-06	71.0	100.0	0.99
CHL	UM82	785771	2003-03-06	71.0	100.0	0.99
CHL	UM82	785772	2003-03-06	71.0	100.0	0.99
CHL	UM82	785773	2003-03-06	71.0	100.0	0.99
CHL	UM82	785774	2003-03-06	71.0	100.0	0.99
CHL	UM82	785775	2003-03-06	71.0	100.0	0.99



LOUISVILLE GAS & ELECTRIC COMPANY  
METER SURVEY (MS5)  
NEW METERS ADDED LAST YEAR

MANUFACTURER TYPE METER NUMBER TEST DATE FULL LOAD LIGHT LOAD PFACOR

MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACOR
CHL	U	785927	03-04	81	24	47
CHL	U	785928	03-04	75	24	81
CHL	U	785929	03-04	71	24	31
CHL	U	785930	03-04	14	24	34
CHL	U	785931	03-04	31	24	22
CHL	U	785932	03-04	31	24	22
CHL	U	785933	03-04	31	24	22
CHL	U	785934	03-04	31	24	22
CHL	U	785935	03-04	31	24	22
CHL	U	785936	03-04	31	24	22
CHL	U	785937	03-04	31	24	22
CHL	U	785938	03-04	31	24	22
CHL	U	785939	03-04	31	24	22
CHL	U	785940	03-04	31	24	22
CHL	U	785941	03-04	31	24	22
CHL	U	785942	03-04	31	24	22
CHL	U	785943	03-04	31	24	22
CHL	U	785944	03-04	31	24	22
CHL	U	785945	03-04	31	24	22
CHL	U	785946	03-04	31	24	22
CHL	U	785947	03-04	31	24	22
CHL	U	785948	03-04	31	24	22
CHL	U	785949	03-04	31	24	22
CHL	U	785950	03-04	31	24	22
CHL	U	785951	03-04	31	24	22
CHL	U	785952	03-04	31	24	22
CHL	U	785953	03-04	31	24	22
CHL	U	785954	03-04	31	24	22
CHL	U	785955	03-04	31	24	22
CHL	U	785956	03-04	31	24	22
CHL	U	785957	03-04	31	24	22
CHL	U	785958	03-04	31	24	22
CHL	U	785959	03-04	31	24	22
CHL	U	785960	03-04	31	24	22
CHL	U	785961	03-04	31	24	22
CHL	U	785962	03-04	31	24	22
CHL	U	785963	03-04	31	24	22
CHL	U	785964	03-04	31	24	22
CHL	U	785965	03-04	31	24	22
CHL	U	785966	03-04	31	24	22
CHL	U	785967	03-04	31	24	22
CHL	U	785968	03-04	31	24	22
CHL	U	785969	03-04	31	24	22
CHL	U	785970	03-04	31	24	22
CHL	U	785971	03-04	31	24	22
CHL	U	785972	03-04	31	24	22
CHL	U	785973	03-04	31	24	22
CHL	U	785974	03-04	31	24	22
CHL	U	785975	03-04	31	24	22
CHL	U	785976	03-04	31	24	22
CHL	U	785977	03-04	31	24	22
CHL	U	785978	03-04	31	24	22
CHL	U	785979	03-04	31	24	22
CHL	U	785980	03-04	31	24	22
CHL	U	785981	03-04	31	24	22
CHL	U	785982	03-04	31	24	22
CHL	U	785983	03-04	31	24	22
CHL	U	785984	03-04	31	24	22
CHL	U	785985	03-04	31	24	22
CHL	U	785986	03-04	31	24	22
CHL	U	785987	03-04	31	24	22
CHL	U	785988	03-04	31	24	22
CHL	U	785989	03-04	31	24	22
CHL	U	785990	03-04	31	24	22
CHL	U	785991	03-04	31	24	22
CHL	U	785992	03-04	31	24	22
CHL	U	785993	03-04	31	24	22
CHL	U	785994	03-04	31	24	22
CHL	U	785995	03-04	31	24	22
CHL	U	785996	03-04	31	24	22
CHL	U	785997	03-04	31	24	22
CHL	U	785998	03-04	31	24	22
CHL	U	785999	03-04	31	24	22





LOUISVILLE GAS & ELECTRIC COMPANY  
METER SUBSYSTEM (MS51)  
NEW METERS ADDED LAST YEAR

MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACOR
CHLUMBER	09	7859227	03-04-00	108.038	07.99	07.99
CHLUMBER	09	7859228	03-04-00	108.037	10.17	10.17
CHLUMBER	09	7859229	03-04-00	108.038	10.29	10.29
CHLUMBER	09	7859230	03-04-00	108.038	10.04	10.04
CHLUMBER	09	7859231	03-04-00	108.038	10.24	10.24
CHLUMBER	09	7859232	03-04-00	108.038	10.00	10.00
CHLUMBER	09	7859233	03-04-00	108.038	10.00	10.00
CHLUMBER	09	7859234	03-04-00	108.038	10.00	10.00
CHLUMBER	09	7859235	03-04-00	108.038	10.00	10.00
CHLUMBER	09	7859236	03-04-00	108.038	10.00	10.00
CHLUMBER	09	7859237	03-04-00	108.038	10.00	10.00
CHLUMBER	09	7859238	03-04-00	108.038	10.00	10.00
CHLUMBER	09	7859239	03-04-00	108.038	10.00	10.00
CHLUMBER	09	7859240	03-04-00	108.038	10.00	10.00
CHLUMBER	09	7859241	03-04-00	108.038	10.00	10.00
CHLUMBER	09	7859242	03-04-00	108.038	10.00	10.00
CHLUMBER	09	7859243	03-04-00	108.038	10.00	10.00
CHLUMBER	09	7859244	03-04-00	108.038	10.00	10.00
CHLUMBER	09	7859245	03-04-00	108.038	10.00	10.00
CHLUMBER	09	7859246	03-04-00	108.038	10.00	10.00
CHLUMBER	09	7859247	03-04-00	108.038	10.00	10.00
CHLUMBER	09	7859248	03-04-00	108.038	10.00	10.00
CHLUMBER	09	7859249	03-04-00	108.038	10.00	10.00
CHLUMBER	09	7859250	03-04-00	108.038	10.00	10.00
CHLUMBER	09	7859251	03-04-00	108.038	10.00	10.00
CHLUMBER	09	7859252	03-04-00	108.038	10.00	10.00
CHLUMBER	09	7859253	03-04-00	108.038	10.00	10.00
CHLUMBER	09	7859254	03-04-00	108.038	10.00	10.00
CHLUMBER	09	7859255	03-04-00	108.038	10.00	10.00
CHLUMBER	09	7859256	03-04-00	108.038	10.00	10.00
CHLUMBER	09	7859257	03-04-00	108.038	10.00	10.00
CHLUMBER	09	7859258	03-04-00	108.038	10.00	10.00
CHLUMBER	09	7859259	03-04-00	108.038	10.00	10.00
CHLUMBER	09	7859260	03-04-00	108.038	10.00	10.00
CHLUMBER	09	7859261	03-04-00	108.038	10.00	10.00
CHLUMBER	09	7859262	03-04-00	108.038	10.00	10.00
CHLUMBER	09	7859263	03-04-00	108.038	10.00	10.00
CHLUMBER	09	7859264	03-04-00	108.038	10.00	10.00
CHLUMBER	09	7859265	03-04-00	108.038	10.00	10.00
CHLUMBER	09	7859266	03-04-00	108.038	10.00	10.00
CHLUMBER	09	7859267	03-04-00	108.038	10.00	10.00
CHLUMBER	09	7859268	03-04-00	108.038	10.00	10.00
CHLUMBER	09	7859269	03-04-00	108.038	10.00	10.00
CHLUMBER	09	7859270	03-04-00	108.038	10.00	10.00
CHLUMBER	09	7859271	03-04-00	108.038	10.00	10.00
CHLUMBER	09	7859272	03-04-00	108.038	10.00	10.00
CHLUMBER	09	7859273	03-04-00	108.038	10.00	10.00
CHLUMBER	09	7859274	03-04-00	108.038	10.00	10.00
CHLUMBER	09	7859275	03-04-00	108.038	10.00	10.00
CHLUMBER	09	7859276	03-04-00	108.038	10.00	10.00
CHLUMBER	09	7859277	03-04-00	108.038	10.00	10.00
CHLUMBER	09	7859278	03-04-00	108.038	10.00	10.00
CHLUMBER	09	7859279	03-04-00	108.038	10.00	10.00
CHLUMBER	09	7859280	03-04-00	108.038	10.00	10.00
CHLUMBER	09	7859281	03-04-00	108.038	10.00	10.00
CHLUMBER	09	7859282	03-04-00	108.038	10.00	10.00
CHLUMBER	09	7859283	03-04-00	108.038	10.00	10.00
CHLUMBER	09	7859284	03-04-00	108.038	10.00	10.00
CHLUMBER	09	7859285	03-04-00	108.038	10.00	10.00
CHLUMBER	09	7859286	03-04-00	108.038	10.00	10.00
CHLUMBER	09	7859287	03-04-00	108.038	10.00	10.00
CHLUMBER	09	7859288	03-04-00	108.038	10.00	10.00
CHLUMBER	09	7859289	03-04-00	108.038	10.00	10.00
CHLUMBER	09	7859290	03-04-00	108.038	10.00	10.00
CHLUMBER	09	7859291	03-04-00	108.038	10.00	10.00
CHLUMBER	09	7859292	03-04-00	108.038	10.00	10.00
CHLUMBER	09	7859293	03-04-00	108.038	10.00	10.00
CHLUMBER	09	7859294	03-04-00	108.038	10.00	10.00
CHLUMBER	09	7859295	03-04-00	108.038	10.00	10.00
CHLUMBER	09	7859296	03-04-00	108.038	10.00	10.00
CHLUMBER	09	7859297	03-04-00	108.038	10.00	10.00
CHLUMBER	09	7859298	03-04-00	108.038	10.00	10.00
CHLUMBER	09	7859299	03-04-00	108.038	10.00	10.00
CHLUMBER	09	7859300	03-04-00	108.038	10.00	10.00



MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACTOR
CHL	UM66	786026	04-02	3	10	099.46
CHL	UM66	786027	04-02	099.90	109	101.46
CHL	UM66	786028	04-02	099.90	109	109.89
CHL	UM66	786029	04-02	099.90	109	100.86
CHL	UM66	786030	04-02	109.90	109	109.90
CHL	UM66	786031	04-02	099.90	109	100.86
CHL	UM66	786032	04-02	099.90	109	100.86
CHL	UM66	786033	04-02	099.90	109	100.86
CHL	UM66	786034	04-02	099.90	109	100.86
CHL	UM66	786035	04-02	099.90	109	100.86
CHL	UM66	786036	04-02	099.90	109	100.86
CHL	UM66	786037	04-02	099.90	109	100.86
CHL	UM66	786038	04-02	099.90	109	100.86
CHL	UM66	786039	04-02	099.90	109	100.86
CHL	UM66	786040	04-02	099.90	109	100.86
CHL	UM66	786041	04-02	099.90	109	100.86
CHL	UM66	786042	04-02	099.90	109	100.86
CHL	UM66	786043	04-02	099.90	109	100.86
CHL	UM66	786044	04-02	099.90	109	100.86
CHL	UM66	786045	04-02	099.90	109	100.86
CHL	UM66	786046	04-02	099.90	109	100.86
CHL	UM66	786047	04-02	099.90	109	100.86
CHL	UM66	786048	04-02	099.90	109	100.86
CHL	UM66	786049	04-02	099.90	109	100.86
CHL	UM66	786050	04-02	099.90	109	100.86
CHL	UM66	786051	04-02	099.90	109	100.86
CHL	UM66	786052	04-02	099.90	109	100.86
CHL	UM66	786053	04-02	099.90	109	100.86
CHL	UM66	786054	04-02	099.90	109	100.86
CHL	UM66	786055	04-02	099.90	109	100.86
CHL	UM66	786056	04-02	099.90	109	100.86
CHL	UM66	786057	04-02	099.90	109	100.86
CHL	UM66	786058	04-02	099.90	109	100.86
CHL	UM66	786059	04-02	099.90	109	100.86
CHL	UM66	786060	04-02	099.90	109	100.86
CHL	UM66	786061	04-02	099.90	109	100.86
CHL	UM66	786062	04-02	099.90	109	100.86
CHL	UM66	786063	04-02	099.90	109	100.86
CHL	UM66	786064	04-02	099.90	109	100.86
CHL	UM66	786065	04-02	099.90	109	100.86
CHL	UM66	786066	04-02	099.90	109	100.86
CHL	UM66	786067	04-02	099.90	109	100.86
CHL	UM66	786068	04-02	099.90	109	100.86
CHL	UM66	786069	04-02	099.90	109	100.86
CHL	UM66	786070	04-02	099.90	109	100.86
CHL	UM66	786071	04-02	099.90	109	100.86
CHL	UM66	786072	04-02	099.90	109	100.86
CHL	UM66	786073	04-02	099.90	109	100.86
CHL	UM66	786074	04-02	099.90	109	100.86
CHL	UM66	786075	04-02	099.90	109	100.86



MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACOR
CHUMBER	099	7884127	04-00	109.0	07-07	099
CHUMBER	099	7884128	04-00	109.0	07-07	099
CHUMBER	099	7884129	04-00	109.0	07-07	099
CHUMBER	099	7884130	04-00	109.0	07-07	099
CHUMBER	099	7884131	04-00	109.0	07-07	099
CHUMBER	099	7884132	04-00	109.0	07-07	099
CHUMBER	099	7884133	04-00	109.0	07-07	099
CHUMBER	099	7884134	04-00	109.0	07-07	099
CHUMBER	099	7884135	04-00	109.0	07-07	099
CHUMBER	099	7884136	04-00	109.0	07-07	099
CHUMBER	099	7884137	04-00	109.0	07-07	099
CHUMBER	099	7884138	04-00	109.0	07-07	099
CHUMBER	099	7884139	04-00	109.0	07-07	099
CHUMBER	099	7884140	04-00	109.0	07-07	099
CHUMBER	099	7884141	04-00	109.0	07-07	099
CHUMBER	099	7884142	04-00	109.0	07-07	099
CHUMBER	099	7884143	04-00	109.0	07-07	099
CHUMBER	099	7884144	04-00	109.0	07-07	099
CHUMBER	099	7884145	04-00	109.0	07-07	099
CHUMBER	099	7884146	04-00	109.0	07-07	099
CHUMBER	099	7884147	04-00	109.0	07-07	099
CHUMBER	099	7884148	04-00	109.0	07-07	099
CHUMBER	099	7884149	04-00	109.0	07-07	099
CHUMBER	099	7884150	04-00	109.0	07-07	099
CHUMBER	099	7884151	04-00	109.0	07-07	099
CHUMBER	099	7884152	04-00	109.0	07-07	099
CHUMBER	099	7884153	04-00	109.0	07-07	099
CHUMBER	099	7884154	04-00	109.0	07-07	099
CHUMBER	099	7884155	04-00	109.0	07-07	099
CHUMBER	099	7884156	04-00	109.0	07-07	099
CHUMBER	099	7884157	04-00	109.0	07-07	099
CHUMBER	099	7884158	04-00	109.0	07-07	099
CHUMBER	099	7884159	04-00	109.0	07-07	099
CHUMBER	099	7884160	04-00	109.0	07-07	099
CHUMBER	099	7884161	04-00	109.0	07-07	099
CHUMBER	099	7884162	04-00	109.0	07-07	099
CHUMBER	099	7884163	04-00	109.0	07-07	099
CHUMBER	099	7884164	04-00	109.0	07-07	099
CHUMBER	099	7884165	04-00	109.0	07-07	099
CHUMBER	099	7884166	04-00	109.0	07-07	099
CHUMBER	099	7884167	04-00	109.0	07-07	099
CHUMBER	099	7884168	04-00	109.0	07-07	099
CHUMBER	099	7884169	04-00	109.0	07-07	099
CHUMBER	099	7884170	04-00	109.0	07-07	099
CHUMBER	099	7884171	04-00	109.0	07-07	099
CHUMBER	099	7884172	04-00	109.0	07-07	099
CHUMBER	099	7884173	04-00	109.0	07-07	099
CHUMBER	099	7884174	04-00	109.0	07-07	099
CHUMBER	099	7884175	04-00	109.0	07-07	099









MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACIOR
CHL	09	786327	04-02	7	09	85
CHL	09	786328	04-02	7	09	85
CHL	09	786329	04-02	7	09	85
CHL	09	786330	04-02	7	09	85
CHL	09	786331	04-02	7	09	85
CHL	09	786332	04-02	7	09	85
CHL	09	786333	04-02	7	09	85
CHL	09	786334	04-02	7	09	85
CHL	09	786335	04-02	7	09	85
CHL	09	786336	04-02	7	09	85
CHL	09	786337	04-02	7	09	85
CHL	09	786338	04-02	7	09	85
CHL	09	786339	04-02	7	09	85
CHL	09	786340	04-02	7	09	85
CHL	09	786341	04-02	7	09	85
CHL	09	786342	04-02	7	09	85
CHL	09	786343	04-02	7	09	85
CHL	09	786344	04-02	7	09	85
CHL	09	786345	04-02	7	09	85
CHL	09	786346	04-02	7	09	85
CHL	09	786347	04-02	7	09	85
CHL	09	786348	04-02	7	09	85
CHL	09	786349	04-02	7	09	85
CHL	09	786350	04-02	7	09	85
CHL	09	786351	04-02	7	09	85
CHL	09	786352	04-02	7	09	85
CHL	09	786353	04-02	7	09	85
CHL	09	786354	04-02	7	09	85
CHL	09	786355	04-02	7	09	85
CHL	09	786356	04-02	7	09	85
CHL	09	786357	04-02	7	09	85
CHL	09	786358	04-02	7	09	85
CHL	09	786359	04-02	7	09	85
CHL	09	786360	04-02	7	09	85
CHL	09	786361	04-02	7	09	85
CHL	09	786362	04-02	7	09	85
CHL	09	786363	04-02	7	09	85
CHL	09	786364	04-02	7	09	85
CHL	09	786365	04-02	7	09	85
CHL	09	786366	04-02	7	09	85
CHL	09	786367	04-02	7	09	85
CHL	09	786368	04-02	7	09	85
CHL	09	786369	04-02	7	09	85
CHL	09	786370	04-02	7	09	85
CHL	09	786371	04-02	7	09	85
CHL	09	786372	04-02	7	09	85
CHL	09	786373	04-02	7	09	85
CHL	09	786374	04-02	7	09	85
CHL	09	786375	04-02	7	09	85
CHL	09	786376	04-02	7	09	85
CHL	09	786377	04-02	7	09	85
CHL	09	786378	04-02	7	09	85
CHL	09	786379	04-02	7	09	85
CHL	09	786380	04-02	7	09	85
CHL	09	786381	04-02	7	09	85
CHL	09	786382	04-02	7	09	85
CHL	09	786383	04-02	7	09	85
CHL	09	786384	04-02	7	09	85
CHL	09	786385	04-02	7	09	85
CHL	09	786386	04-02	7	09	85
CHL	09	786387	04-02	7	09	85
CHL	09	786388	04-02	7	09	85
CHL	09	786389	04-02	7	09	85
CHL	09	786390	04-02	7	09	85
CHL	09	786391	04-02	7	09	85
CHL	09	786392	04-02	7	09	85
CHL	09	786393	04-02	7	09	85
CHL	09	786394	04-02	7	09	85
CHL	09	786395	04-02	7	09	85
CHL	09	786396	04-02	7	09	85
CHL	09	786397	04-02	7	09	85
CHL	09	786398	04-02	7	09	85
CHL	09	786399	04-02	7	09	85
CHL	09	786400	04-02	7	09	85



MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACTOR
CHLUMBER	09	786427	02-02-02	74	09	70
CHLUMBER	09	786428	02-02-02	15	09	49
CHLUMBER	09	786429	02-02-02	84	09	74
CHLUMBER	09	786430	02-02-02	72	09	49
CHLUMBER	09	786431	02-02-02	82	09	49
CHLUMBER	09	786432	02-02-02	82	09	49
CHLUMBER	09	786433	02-02-02	82	09	49
CHLUMBER	09	786434	02-02-02	82	09	49
CHLUMBER	09	786435	02-02-02	82	09	49
CHLUMBER	09	786436	02-02-02	82	09	49
CHLUMBER	09	786437	02-02-02	82	09	49
CHLUMBER	09	786438	02-02-02	82	09	49
CHLUMBER	09	786439	02-02-02	82	09	49
CHLUMBER	09	786440	02-02-02	82	09	49
CHLUMBER	09	786441	02-02-02	82	09	49
CHLUMBER	09	786442	02-02-02	82	09	49
CHLUMBER	09	786443	02-02-02	82	09	49
CHLUMBER	09	786444	02-02-02	82	09	49
CHLUMBER	09	786445	02-02-02	82	09	49
CHLUMBER	09	786446	02-02-02	82	09	49
CHLUMBER	09	786447	02-02-02	82	09	49
CHLUMBER	09	786448	02-02-02	82	09	49
CHLUMBER	09	786449	02-02-02	82	09	49
CHLUMBER	09	786450	02-02-02	82	09	49
CHLUMBER	09	786451	02-02-02	82	09	49
CHLUMBER	09	786452	02-02-02	82	09	49
CHLUMBER	09	786453	02-02-02	82	09	49
CHLUMBER	09	786454	02-02-02	82	09	49
CHLUMBER	09	786455	02-02-02	82	09	49
CHLUMBER	09	786456	02-02-02	82	09	49
CHLUMBER	09	786457	02-02-02	82	09	49
CHLUMBER	09	786458	02-02-02	82	09	49
CHLUMBER	09	786459	02-02-02	82	09	49
CHLUMBER	09	786460	02-02-02	82	09	49
CHLUMBER	09	786461	02-02-02	82	09	49
CHLUMBER	09	786462	02-02-02	82	09	49
CHLUMBER	09	786463	02-02-02	82	09	49
CHLUMBER	09	786464	02-02-02	82	09	49
CHLUMBER	09	786465	02-02-02	82	09	49
CHLUMBER	09	786466	02-02-02	82	09	49
CHLUMBER	09	786467	02-02-02	82	09	49
CHLUMBER	09	786468	02-02-02	82	09	49
CHLUMBER	09	786469	02-02-02	82	09	49
CHLUMBER	09	786470	02-02-02	82	09	49
CHLUMBER	09	786471	02-02-02	82	09	49
CHLUMBER	09	786472	02-02-02	82	09	49
CHLUMBER	09	786473	02-02-02	82	09	49
CHLUMBER	09	786474	02-02-02	82	09	49
CHLUMBER	09	786475	02-02-02	82	09	49
CHLUMBER	09	786476	02-02-02	82	09	49
CHLUMBER	09	786477	02-02-02	82	09	49
CHLUMBER	09	786478	02-02-02	82	09	49
CHLUMBER	09	786479	02-02-02	82	09	49
CHLUMBER	09	786480	02-02-02	82	09	49
CHLUMBER	09	786481	02-02-02	82	09	49
CHLUMBER	09	786482	02-02-02	82	09	49
CHLUMBER	09	786483	02-02-02	82	09	49
CHLUMBER	09	786484	02-02-02	82	09	49
CHLUMBER	09	786485	02-02-02	82	09	49
CHLUMBER	09	786486	02-02-02	82	09	49
CHLUMBER	09	786487	02-02-02	82	09	49
CHLUMBER	09	786488	02-02-02	82	09	49
CHLUMBER	09	786489	02-02-02	82	09	49
CHLUMBER	09	786490	02-02-02	82	09	49
CHLUMBER	09	786491	02-02-02	82	09	49
CHLUMBER	09	786492	02-02-02	82	09	49
CHLUMBER	09	786493	02-02-02	82	09	49
CHLUMBER	09	786494	02-02-02	82	09	49
CHLUMBER	09	786495	02-02-02	82	09	49
CHLUMBER	09	786496	02-02-02	82	09	49
CHLUMBER	09	786497	02-02-02	82	09	49
CHLUMBER	09	786498	02-02-02	82	09	49
CHLUMBER	09	786499	02-02-02	82	09	49
CHLUMBER	09	786500	02-02-02	82	09	49



MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACOR
CHLUMBERGER	D9	724527	04-02	80	33	50
CHLUMBERGER	D9	724528	04-02	86	122	89
CHLUMBERGER	D9	724529	04-02	84	122	89
CHLUMBERGER	D9	724530	04-02	85	109	89
CHLUMBERGER	D9	724531	04-02	84	149	85
CHLUMBERGER	D9	724532	04-02	84	149	85
CHLUMBERGER	D9	724533	04-02	84	149	85
CHLUMBERGER	D9	724534	04-02	84	149	85
CHLUMBERGER	D9	724535	04-02	80	107	82
CHLUMBERGER	D9	724536	04-02	80	107	82
CHLUMBERGER	D9	724537	04-02	80	107	82
CHLUMBERGER	D9	724538	04-02	80	107	82
CHLUMBERGER	D9	724539	04-02	80	107	82
CHLUMBERGER	D9	724540	04-02	80	107	82
CHLUMBERGER	D9	724541	04-02	80	107	82
CHLUMBERGER	D9	724542	04-02	80	107	82
CHLUMBERGER	D9	724543	04-02	80	107	82
CHLUMBERGER	D9	724544	04-02	80	107	82
CHLUMBERGER	D9	724545	04-02	80	107	82
CHLUMBERGER	D9	724546	04-02	80	107	82
CHLUMBERGER	D9	724547	04-02	80	107	82
CHLUMBERGER	D9	724548	04-02	80	107	82
CHLUMBERGER	D9	724549	04-02	80	107	82
CHLUMBERGER	D9	724550	04-02	80	107	82
CHLUMBERGER	D9	724551	04-02	80	107	82
CHLUMBERGER	D9	724552	04-02	80	107	82
CHLUMBERGER	D9	724553	04-02	80	107	82
CHLUMBERGER	D9	724554	04-02	80	107	82
CHLUMBERGER	D9	724555	04-02	80	107	82
CHLUMBERGER	D9	724556	04-02	80	107	82
CHLUMBERGER	D9	724557	04-02	80	107	82
CHLUMBERGER	D9	724558	04-02	80	107	82
CHLUMBERGER	D9	724559	04-02	80	107	82
CHLUMBERGER	D9	724560	04-02	80	107	82
CHLUMBERGER	D9	724561	04-02	80	107	82
CHLUMBERGER	D9	724562	04-02	80	107	82
CHLUMBERGER	D9	724563	04-02	80	107	82
CHLUMBERGER	D9	724564	04-02	80	107	82
CHLUMBERGER	D9	724565	04-02	80	107	82
CHLUMBERGER	D9	724566	04-02	80	107	82
CHLUMBERGER	D9	724567	04-02	80	107	82
CHLUMBERGER	D9	724568	04-02	80	107	82
CHLUMBERGER	D9	724569	04-02	80	107	82
CHLUMBERGER	D9	724570	04-02	80	107	82
CHLUMBERGER	D9	724571	04-02	80	107	82
CHLUMBERGER	D9	724572	04-02	80	107	82
CHLUMBERGER	D9	724573	04-02	80	107	82
CHLUMBERGER	D9	724574	04-02	80	107	82
CHLUMBERGER	D9	724575	04-02	80	107	82
CHLUMBERGER	D9	724576	04-02	80	107	82
CHLUMBERGER	D9	724577	04-02	80	107	82
CHLUMBERGER	D9	724578	04-02	80	107	82
CHLUMBERGER	D9	724579	04-02	80	107	82
CHLUMBERGER	D9	724580	04-02	80	107	82
CHLUMBERGER	D9	724581	04-02	80	107	82
CHLUMBERGER	D9	724582	04-02	80	107	82
CHLUMBERGER	D9	724583	04-02	80	107	82
CHLUMBERGER	D9	724584	04-02	80	107	82
CHLUMBERGER	D9	724585	04-02	80	107	82
CHLUMBERGER	D9	724586	04-02	80	107	82
CHLUMBERGER	D9	724587	04-02	80	107	82
CHLUMBERGER	D9	724588	04-02	80	107	82
CHLUMBERGER	D9	724589	04-02	80	107	82
CHLUMBERGER	D9	724590	04-02	80	107	82
CHLUMBERGER	D9	724591	04-02	80	107	82
CHLUMBERGER	D9	724592	04-02	80	107	82
CHLUMBERGER	D9	724593	04-02	80	107	82
CHLUMBERGER	D9	724594	04-02	80	107	82
CHLUMBERGER	D9	724595	04-02	80	107	82
CHLUMBERGER	D9	724596	04-02	80	107	82
CHLUMBERGER	D9	724597	04-02	80	107	82
CHLUMBERGER	D9	724598	04-02	80	107	82
CHLUMBERGER	D9	724599	04-02	80	107	82
CHLUMBERGER	D9	724600	04-02	80	107	82









MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PF FACTOR
CHL UM800R090R	D9	7867227	2003-04-02	822.15	133.24	0.975
CHL UM800R090R	D9	7867238	2003-04-02	103.71	133.24	0.975
CHL UM800R090R	D9	7867239	2003-04-02	103.71	133.24	0.975
CHL UM800R090R	D9	7867301	2003-04-02	103.71	133.24	0.975
CHL UM800R090R	D9	7867322	2003-04-02	103.71	133.24	0.975
CHL UM800R090R	D9	7867335	2003-04-02	103.71	133.24	0.975
CHL UM800R090R	D9	7867347	2003-04-02	103.71	133.24	0.975
CHL UM800R090R	D9	7867357	2003-04-02	103.71	133.24	0.975
CHL UM800R090R	D9	7867399	2003-04-02	103.71	133.24	0.975
CHL UM800R090R	D9	786740	2003-04-02	103.71	133.24	0.975
CHL UM800R090R	D9	786741	2003-04-02	103.71	133.24	0.975
CHL UM800R090R	D9	786742	2003-04-02	103.71	133.24	0.975
CHL UM800R090R	D9	786743	2003-04-02	103.71	133.24	0.975
CHL UM800R090R	D9	786744	2003-04-02	103.71	133.24	0.975
CHL UM800R090R	D9	786745	2003-04-02	103.71	133.24	0.975
CHL UM800R090R	D9	786746	2003-04-02	103.71	133.24	0.975
CHL UM800R090R	D9	786747	2003-04-02	103.71	133.24	0.975
CHL UM800R090R	D9	786748	2003-04-02	103.71	133.24	0.975
CHL UM800R090R	D9	786749	2003-04-02	103.71	133.24	0.975
CHL UM800R090R	D9	786750	2003-04-02	103.71	133.24	0.975
CHL UM800R090R	D9	786751	2003-04-02	103.71	133.24	0.975
CHL UM800R090R	D9	786752	2003-04-02	103.71	133.24	0.975
CHL UM800R090R	D9	786753	2003-04-02	103.71	133.24	0.975
CHL UM800R090R	D9	786754	2003-04-02	103.71	133.24	0.975
CHL UM800R090R	D9	786755	2003-04-02	103.71	133.24	0.975
CHL UM800R090R	D9	786756	2003-04-02	103.71	133.24	0.975
CHL UM800R090R	D9	786757	2003-04-02	103.71	133.24	0.975
CHL UM800R090R	D9	786758	2003-04-02	103.71	133.24	0.975
CHL UM800R090R	D9	786759	2003-04-02	103.71	133.24	0.975
CHL UM800R090R	D9	786760	2003-04-02	103.71	133.24	0.975
CHL UM800R090R	D9	786761	2003-04-02	103.71	133.24	0.975
CHL UM800R090R	D9	786762	2003-04-02	103.71	133.24	0.975
CHL UM800R090R	D9	786763	2003-04-02	103.71	133.24	0.975
CHL UM800R090R	D9	786764	2003-04-02	103.71	133.24	0.975
CHL UM800R090R	D9	786765	2003-04-02	103.71	133.24	0.975
CHL UM800R090R	D9	786766	2003-04-02	103.71	133.24	0.975
CHL UM800R090R	D9	786767	2003-04-02	103.71	133.24	0.975
CHL UM800R090R	D9	786768	2003-04-02	103.71	133.24	0.975
CHL UM800R090R	D9	786769	2003-04-02	103.71	133.24	0.975
CHL UM800R090R	D9	786770	2003-04-02	103.71	133.24	0.975
CHL UM800R090R	D9	786771	2003-04-02	103.71	133.24	0.975
CHL UM800R090R	D9	786772	2003-04-02	103.71	133.24	0.975
CHL UM800R090R	D9	786773	2003-04-02	103.71	133.24	0.975
CHL UM800R090R	D9	786774	2003-04-02	103.71	133.24	0.975
CHL UM800R090R	D9	786775	2003-04-02	103.71	133.24	0.975







MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PF FACTOR
CHL	U	784924	04-00	90	14	74
CHL	U	784927	04-00	04	81	77
CHL	U	784928	04-00	01	88	73
CHL	U	784929	04-00	12	81	73
CHL	U	784930	04-00	04	13	74
CHL	U	784931	04-00	04	34	74
CHL	U	784932	04-00	01	34	74
CHL	U	784933	04-00	02	31	74
CHL	U	784934	04-00	02	31	74
CHL	U	784935	04-00	02	31	74
CHL	U	784936	04-00	02	31	74
CHL	U	784937	04-00	02	31	74
CHL	U	784938	04-00	02	31	74
CHL	U	784939	04-00	02	31	74
CHL	U	784940	04-00	02	31	74
CHL	U	784941	04-00	02	31	74
CHL	U	784942	04-00	02	31	74
CHL	U	784943	04-00	02	31	74
CHL	U	784944	04-00	02	31	74
CHL	U	784945	04-00	02	31	74
CHL	U	784946	04-00	02	31	74
CHL	U	784947	04-00	02	31	74
CHL	U	784948	04-00	02	31	74
CHL	U	784949	04-00	02	31	74
CHL	U	784950	04-00	02	31	74
CHL	U	784951	04-00	02	31	74
CHL	U	784952	04-00	02	31	74
CHL	U	784953	04-00	02	31	74
CHL	U	784954	04-00	02	31	74
CHL	U	784955	04-00	02	31	74
CHL	U	784956	04-00	02	31	74
CHL	U	784957	04-00	02	31	74
CHL	U	784958	04-00	02	31	74
CHL	U	784959	04-00	02	31	74
CHL	U	784960	04-00	02	31	74
CHL	U	784961	04-00	02	31	74
CHL	U	784962	04-00	02	31	74
CHL	U	784963	04-00	02	31	74
CHL	U	784964	04-00	02	31	74
CHL	U	784965	04-00	02	31	74
CHL	U	784966	04-00	02	31	74
CHL	U	784967	04-00	02	31	74
CHL	U	784968	04-00	02	31	74
CHL	U	784969	04-00	02	31	74
CHL	U	784970	04-00	02	31	74
CHL	U	784971	04-00	02	31	74
CHL	U	784972	04-00	02	31	74
CHL	U	784973	04-00	02	31	74
CHL	U	784974	04-00	02	31	74
CHL	U	784975	04-00	02	31	74
CHL	U	784976	04-00	02	31	74
CHL	U	784977	04-00	02	31	74
CHL	U	784978	04-00	02	31	74
CHL	U	784979	04-00	02	31	74
CHL	U	784980	04-00	02	31	74
CHL	U	784981	04-00	02	31	74
CHL	U	784982	04-00	02	31	74
CHL	U	784983	04-00	02	31	74
CHL	U	784984	04-00	02	31	74
CHL	U	784985	04-00	02	31	74
CHL	U	784986	04-00	02	31	74
CHL	U	784987	04-00	02	31	74
CHL	U	784988	04-00	02	31	74
CHL	U	784989	04-00	02	31	74
CHL	U	784990	04-00	02	31	74
CHL	U	784991	04-00	02	31	74
CHL	U	784992	04-00	02	31	74
CHL	U	784993	04-00	02	31	74
CHL	U	784994	04-00	02	31	74
CHL	U	784995	04-00	02	31	74
CHL	U	784996	04-00	02	31	74
CHL	U	784997	04-00	02	31	74
CHL	U	784998	04-00	02	31	74
CHL	U	784999	04-00	02	31	74
CHL	U	785000	04-00	02	31	74



MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PF FACTOR
CHLUMS	09	7870226	04-02	100.04	100.41	100.24
CHLUMS	09	7870227	04-02	100.78	100.46	100.24
CHLUMS	09	7870228	04-02	100.99	100.05	100.27
CHLUMS	09	7870229	04-02	100.99	100.91	100.27
CHLUMS	09	7870230	04-02	100.99	100.04	100.27
CHLUMS	09	7870231	04-02	100.04	100.14	100.11
CHLUMS	09	7870232	04-02	100.79	100.15	100.11
CHLUMS	09	7870233	04-02	100.99	100.25	100.11
CHLUMS	09	7870234	04-02	100.99	100.07	100.11
CHLUMS	09	7870235	04-02	100.99	100.07	100.11
CHLUMS	09	7870236	04-02	100.99	100.07	100.11
CHLUMS	09	7870237	04-02	100.99	100.07	100.11
CHLUMS	09	7870238	04-02	100.99	100.11	100.11
CHLUMS	09	7870239	04-02	100.99	100.11	100.11
CHLUMS	09	7870240	04-02	100.99	100.11	100.11
CHLUMS	09	7870241	04-02	100.99	100.11	100.11
CHLUMS	09	7870242	04-02	100.99	100.11	100.11
CHLUMS	09	7870243	04-02	100.99	100.11	100.11
CHLUMS	09	7870244	04-02	100.99	100.11	100.11
CHLUMS	09	7870245	04-02	100.99	100.11	100.11
CHLUMS	09	7870246	04-02	100.99	100.11	100.11
CHLUMS	09	7870247	04-02	100.99	100.11	100.11
CHLUMS	09	7870248	04-02	100.99	100.11	100.11
CHLUMS	09	7870249	04-02	100.99	100.11	100.11
CHLUMS	09	7870250	04-02	100.99	100.11	100.11
CHLUMS	09	7870251	04-02	100.99	100.11	100.11
CHLUMS	09	7870252	04-02	100.99	100.11	100.11
CHLUMS	09	7870253	04-02	100.99	100.11	100.11
CHLUMS	09	7870254	04-02	100.99	100.11	100.11
CHLUMS	09	7870255	04-02	100.99	100.11	100.11
CHLUMS	09	7870256	04-02	100.99	100.11	100.11
CHLUMS	09	7870257	04-02	100.99	100.11	100.11
CHLUMS	09	7870258	04-02	100.99	100.11	100.11
CHLUMS	09	7870259	04-02	100.99	100.11	100.11
CHLUMS	09	7870260	04-02	100.99	100.11	100.11
CHLUMS	09	7870261	04-02	100.99	100.11	100.11
CHLUMS	09	7870262	04-02	100.99	100.11	100.11
CHLUMS	09	7870263	04-02	100.99	100.11	100.11
CHLUMS	09	7870264	04-02	100.99	100.11	100.11
CHLUMS	09	7870265	04-02	100.99	100.11	100.11
CHLUMS	09	7870266	04-02	100.99	100.11	100.11
CHLUMS	09	7870267	04-02	100.99	100.11	100.11
CHLUMS	09	7870268	04-02	100.99	100.11	100.11
CHLUMS	09	7870269	04-02	100.99	100.11	100.11
CHLUMS	09	7870270	04-02	100.99	100.11	100.11
CHLUMS	09	7870271	04-02	100.99	100.11	100.11
CHLUMS	09	7870272	04-02	100.99	100.11	100.11
CHLUMS	09	7870273	04-02	100.99	100.11	100.11
CHLUMS	09	7870274	04-02	100.99	100.11	100.11
CHLUMS	09	7870275	04-02	100.99	100.11	100.11





MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PF FACTOR
UCC	UCC	78711237	04-02	0000	0000	100
UCC	UCC	78711238	04-02	0000	0000	100
UCC	UCC	78711239	04-02	0000	0000	100
UCC	UCC	78711240	04-02	0000	0000	100
UCC	UCC	78711241	04-02	0000	0000	100
UCC	UCC	78711242	04-02	0000	0000	100
UCC	UCC	78711243	04-02	0000	0000	100
UCC	UCC	78711244	04-02	0000	0000	100
UCC	UCC	78711245	04-02	0000	0000	100
UCC	UCC	78711246	04-02	0000	0000	100
UCC	UCC	78711247	04-02	0000	0000	100
UCC	UCC	78711248	04-02	0000	0000	100
UCC	UCC	78711249	04-02	0000	0000	100
UCC	UCC	78711250	04-02	0000	0000	100
UCC	UCC	78711251	04-02	0000	0000	100
UCC	UCC	78711252	04-02	0000	0000	100
UCC	UCC	78711253	04-02	0000	0000	100
UCC	UCC	78711254	04-02	0000	0000	100
UCC	UCC	78711255	04-02	0000	0000	100
UCC	UCC	78711256	04-02	0000	0000	100
UCC	UCC	78711257	04-02	0000	0000	100
UCC	UCC	78711258	04-02	0000	0000	100
UCC	UCC	78711259	04-02	0000	0000	100
UCC	UCC	78711260	04-02	0000	0000	100
UCC	UCC	78711261	04-02	0000	0000	100
UCC	UCC	78711262	04-02	0000	0000	100
UCC	UCC	78711263	04-02	0000	0000	100
UCC	UCC	78711264	04-02	0000	0000	100
UCC	UCC	78711265	04-02	0000	0000	100
UCC	UCC	78711266	04-02	0000	0000	100
UCC	UCC	78711267	04-02	0000	0000	100
UCC	UCC	78711268	04-02	0000	0000	100
UCC	UCC	78711269	04-02	0000	0000	100
UCC	UCC	78711270	04-02	0000	0000	100
UCC	UCC	78711271	04-02	0000	0000	100
UCC	UCC	78711272	04-02	0000	0000	100
UCC	UCC	78711273	04-02	0000	0000	100
UCC	UCC	78711274	04-02	0000	0000	100
UCC	UCC	78711275	04-02	0000	0000	100
UCC	UCC	78711276	04-02	0000	0000	100
UCC	UCC	78711277	04-02	0000	0000	100
UCC	UCC	78711278	04-02	0000	0000	100
UCC	UCC	78711279	04-02	0000	0000	100
UCC	UCC	78711280	04-02	0000	0000	100
UCC	UCC	78711281	04-02	0000	0000	100
UCC	UCC	78711282	04-02	0000	0000	100
UCC	UCC	78711283	04-02	0000	0000	100
UCC	UCC	78711284	04-02	0000	0000	100
UCC	UCC	78711285	04-02	0000	0000	100
UCC	UCC	78711286	04-02	0000	0000	100
UCC	UCC	78711287	04-02	0000	0000	100
UCC	UCC	78711288	04-02	0000	0000	100
UCC	UCC	78711289	04-02	0000	0000	100
UCC	UCC	78711290	04-02	0000	0000	100
UCC	UCC	78711291	04-02	0000	0000	100
UCC	UCC	78711292	04-02	0000	0000	100
UCC	UCC	78711293	04-02	0000	0000	100
UCC	UCC	78711294	04-02	0000	0000	100
UCC	UCC	78711295	04-02	0000	0000	100
UCC	UCC	78711296	04-02	0000	0000	100
UCC	UCC	78711297	04-02	0000	0000	100
UCC	UCC	78711298	04-02	0000	0000	100
UCC	UCC	78711299	04-02	0000	0000	100
UCC	UCC	78711300	04-02	0000	0000	100

CIMS960A

LOUISVILLE GAS & ELECTRIC COMPANY  
METER SUBSYSTEM (MS3)  
NEW METERS ADDED LAST YEAR

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MANUFACTURER TYPE METER NUMBER TEST DATE FULL LOAD LIGHT LOAD PFACOR

MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACOR
UM98	09	7871776	04-02	84	29	79
UM98	09	7871777	04-02	97	10	74
UM98	09	7871778	04-02	97	10	74
UM98	09	7871779	04-02	97	10	74
UM98	09	7871990	04-02	97	10	74
UM98	09	7871991	04-02	97	10	74
UM98	09	7871992	04-02	97	10	74
UM98	09	7871993	04-02	97	10	74
UM98	09	7871994	04-02	97	10	74
UM98	09	7871995	04-02	97	10	74
UM98	09	7871996	04-02	97	10	74
UM98	09	7871997	04-02	97	10	74
UM98	09	7871998	04-02	97	10	74
UM98	09	7871999	04-02	97	10	74
UM98	09	7872000	04-02	97	10	74
UM98	09	7872001	04-02	97	10	74
UM98	09	7872002	04-02	97	10	74
UM98	09	7872003	04-02	97	10	74
UM98	09	7872004	04-02	97	10	74
UM98	09	7872005	04-02	97	10	74
UM98	09	7872006	04-02	97	10	74
UM98	09	7872007	04-02	97	10	74
UM98	09	7872008	04-02	97	10	74
UM98	09	7872009	04-02	97	10	74
UM98	09	7872010	04-02	97	10	74
UM98	09	7872011	04-02	97	10	74
UM98	09	7872012	04-02	97	10	74
UM98	09	7872013	04-02	97	10	74
UM98	09	7872014	04-02	97	10	74
UM98	09	7872015	04-02	97	10	74
UM98	09	7872016	04-02	97	10	74
UM98	09	7872017	04-02	97	10	74
UM98	09	7872018	04-02	97	10	74
UM98	09	7872019	04-02	97	10	74
UM98	09	7872020	04-02	97	10	74
UM98	09	7872021	04-02	97	10	74
UM98	09	7872022	04-02	97	10	74
UM98	09	7872023	04-02	97	10	74
UM98	09	7872024	04-02	97	10	74
UM98	09	7872025	04-02	97	10	74
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UM98	09	7872027	04-02	97	10	74
UM98	09	7872028	04-02	97	10	74
UM98	09	7872029	04-02	97	10	74
UM98	09	7872030	04-02	97	10	74
UM98	09	7872031	04-02	97	10	74
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UM98	09	7872058	04-02	97	10	74
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UM98	09	7872060	04-02	97	10	74
UM98	09	7872061	04-02	97	10	74
UM98	09	7872062	04-02	97	10	74
UM98	09	7872063	04-02	97	10	74
UM98	09	7872064	04-02	97	10	74
UM98	09	7872065	04-02	97	10	74
UM98	09	7872066	04-02	97	10	74
UM98	09	7872067	04-02	97	10	74
UM98	09	7872068	04-02	97	10	74
UM98	09	7872069	04-02	97	10	74
UM98	09	7872070	04-02	97	10	74
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UM98	09	7872072	04-02	97	10	74
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UM98	09	7872084	04-02	97	10	74
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UM98	09	7872088	04-02	97	10	74
UM98	09	7872089	04-02	97	10	74
UM98	09	7872090	04-02	97	10	74
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UM98	09	7872094	04-02	97	10	74
UM98	09	7872095	04-02	97	10	74
UM98	09	7872096	04-02	97	10	74
UM98	09	7872097	04-02	97	10	74
UM98	09	7872098	04-02	97	10	74
UM98	09	7872099	04-02	97	10	74
UM98	09	7872100	04-02	97	10	74

MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACTOR
CHLUMBER	D9	787224	00-02	91	20	75
CHLUMBER	D9	787227	00-02	96	28	24
CHLUMBER	D9	787229	00-02	111	19	43
CHLUMBER	D9	787230	00-02	93	19	43
CHLUMBER	D9	787231	00-02	73	34	22
CHLUMBER	D9	787232	00-02	23	49	42
CHLUMBER	D9	787233	00-02	97	19	10
CHLUMBER	D9	787234	00-02	97	14	23
CHLUMBER	D9	787235	00-02	92	14	17
CHLUMBER	D9	787237	00-02	94	14	10
CHLUMBER	D9	787239	00-02	94	14	10
CHLUMBER	D9	787240	00-02	71	12	14
CHLUMBER	D9	787241	00-02	94	14	10
CHLUMBER	D9	787242	00-02	94	14	10
CHLUMBER	D9	787243	00-02	94	14	10
CHLUMBER	D9	787244	00-02	94	14	10
CHLUMBER	D9	787245	00-02	94	14	10
CHLUMBER	D9	787246	00-02	94	14	10
CHLUMBER	D9	787247	00-02	94	14	10
CHLUMBER	D9	787248	00-02	94	14	10
CHLUMBER	D9	787249	00-02	94	14	10
CHLUMBER	D9	787250	00-02	94	14	10
CHLUMBER	D9	787251	00-02	94	14	10
CHLUMBER	D9	787252	00-02	94	14	10
CHLUMBER	D9	787253	00-02	94	14	10
CHLUMBER	D9	787254	00-02	94	14	10
CHLUMBER	D9	787255	00-02	94	14	10
CHLUMBER	D9	787256	00-02	94	14	10
CHLUMBER	D9	787257	00-02	94	14	10
CHLUMBER	D9	787258	00-02	94	14	10
CHLUMBER	D9	787259	00-02	94	14	10
CHLUMBER	D9	787260	00-02	94	14	10
CHLUMBER	D9	787261	00-02	94	14	10
CHLUMBER	D9	787262	00-02	94	14	10
CHLUMBER	D9	787263	00-02	94	14	10
CHLUMBER	D9	787264	00-02	94	14	10
CHLUMBER	D9	787265	00-02	94	14	10
CHLUMBER	D9	787266	00-02	94	14	10
CHLUMBER	D9	787267	00-02	94	14	10
CHLUMBER	D9	787268	00-02	94	14	10
CHLUMBER	D9	787269	00-02	94	14	10
CHLUMBER	D9	787270	00-02	94	14	10
CHLUMBER	D9	787271	00-02	94	14	10
CHLUMBER	D9	787272	00-02	94	14	10
CHLUMBER	D9	787273	00-02	94	14	10
CHLUMBER	D9	787274	00-02	94	14	10
CHLUMBER	D9	787275	00-02	94	14	10
CHLUMBER	D9	787276	00-02	94	14	10
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CHLUMBER	D9	787279	00-02	94	14	10
CHLUMBER	D9	787280	00-02	94	14	10
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CHLUMBER	D9	787287	00-02	94	14	10
CHLUMBER	D9	787288	00-02	94	14	10
CHLUMBER	D9	787289	00-02	94	14	10
CHLUMBER	D9	787290	00-02	94	14	10
CHLUMBER	D9	787291	00-02	94	14	10
CHLUMBER	D9	787292	00-02	94	14	10
CHLUMBER	D9	787293	00-02	94	14	10
CHLUMBER	D9	787294	00-02	94	14	10
CHLUMBER	D9	787295	00-02	94	14	10
CHLUMBER	D9	787296	00-02	94	14	10
CHLUMBER	D9	787297	00-02	94	14	10
CHLUMBER	D9	787298	00-02	94	14	10
CHLUMBER	D9	787299	00-02	94	14	10
CHLUMBER	D9	787300	00-02	94	14	10





MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PF FACTOR
CHLJMS33	D9	787374	2003-04-02	89	10	09
CHLJMS33	D9	787377	2003-04-02	89	10	09
CHLJMS33	D9	787378	2003-04-02	89	10	09
CHLJMS33	D9	787379	2003-04-02	100	10	09
CHLJMS33	D9	787380	2003-04-02	100	10	09
CHLJMS33	D9	787381	2003-04-02	89	10	09
CHLJMS33	D9	787382	2003-04-02	89	10	09
CHLJMS33	D9	787383	2003-04-02	89	10	09
CHLJMS33	D9	787384	2003-04-02	89	10	09
CHLJMS33	D9	787385	2003-04-02	89	10	09
CHLJMS33	D9	787386	2003-04-02	89	10	09
CHLJMS33	D9	787387	2003-04-02	89	10	09
CHLJMS33	D9	787388	2003-04-02	89	10	09
CHLJMS33	D9	787389	2003-04-02	89	10	09
CHLJMS33	D9	787390	2003-04-02	89	10	09
CHLJMS33	D9	787391	2003-04-02	89	10	09
CHLJMS33	D9	787392	2003-04-02	89	10	09
CHLJMS33	D9	787393	2003-04-02	89	10	09
CHLJMS33	D9	787394	2003-04-02	89	10	09
CHLJMS33	D9	787395	2003-04-02	89	10	09
CHLJMS33	D9	787396	2003-04-02	89	10	09
CHLJMS33	D9	787397	2003-04-02	89	10	09
CHLJMS33	D9	787398	2003-04-02	89	10	09
CHLJMS33	D9	787399	2003-04-02	89	10	09
CHLJMS33	D9	787400	2003-04-02	89	10	09
CHLJMS33	D9	787401	2003-04-02	89	10	09
CHLJMS33	D9	787402	2003-04-02	89	10	09
CHLJMS33	D9	787403	2003-04-02	89	10	09
CHLJMS33	D9	787404	2003-04-02	89	10	09
CHLJMS33	D9	787405	2003-04-02	89	10	09
CHLJMS33	D9	787406	2003-04-02	89	10	09
CHLJMS33	D9	787407	2003-04-02	89	10	09
CHLJMS33	D9	787408	2003-04-02	89	10	09
CHLJMS33	D9	787409	2003-04-02	89	10	09
CHLJMS33	D9	787410	2003-04-02	89	10	09
CHLJMS33	D9	787411	2003-04-02	89	10	09
CHLJMS33	D9	787412	2003-04-02	89	10	09
CHLJMS33	D9	787413	2003-04-02	89	10	09
CHLJMS33	D9	787414	2003-04-02	89	10	09
CHLJMS33	D9	787415	2003-04-02	89	10	09
CHLJMS33	D9	787416	2003-04-02	89	10	09
CHLJMS33	D9	787417	2003-04-02	89	10	09
CHLJMS33	D9	787418	2003-04-02	89	10	09
CHLJMS33	D9	787419	2003-04-02	89	10	09
CHLJMS33	D9	787420	2003-04-02	89	10	09
CHLJMS33	D9	787421	2003-04-02	89	10	09
CHLJMS33	D9	787422	2003-04-02	89	10	09
CHLJMS33	D9	787423	2003-04-02	89	10	09
CHLJMS33	D9	787424	2003-04-02	89	10	09
CHLJMS33	D9	787425	2003-04-02	89	10	09











LOUISVILLE GAS & ELECTRIC COMPANY  
METER SYSTEM (MS)  
NEW METERS ADDED LAST YEAR

MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACOR
CHL UM822	09	787626	03-04-02	100.14	100.40	09.75
CHL UM822	09	787627	03-04-02	100.04	100.40	09.75
CHL UM822	09	787628	03-04-02	100.07	100.40	09.75
CHL UM822	09	787629	03-04-02	100.02	100.40	09.75
CHL UM822	09	787630	03-04-02	100.03	100.40	09.75
CHL UM822	09	787631	03-04-02	100.04	100.40	09.75
CHL UM822	09	787632	03-04-02	100.04	100.40	09.75
CHL UM822	09	787633	03-04-02	100.04	100.40	09.75
CHL UM822	09	787634	03-04-02	100.04	100.40	09.75
CHL UM822	09	787635	03-04-02	100.04	100.40	09.75
CHL UM822	09	787636	03-04-02	100.04	100.40	09.75
CHL UM822	09	787637	03-04-02	100.04	100.40	09.75
CHL UM822	09	787638	03-04-02	100.04	100.40	09.75
CHL UM822	09	787639	03-04-02	100.04	100.40	09.75
CHL UM822	09	787640	03-04-02	100.04	100.40	09.75
CHL UM822	09	787641	03-04-02	100.04	100.40	09.75
CHL UM822	09	787642	03-04-02	100.04	100.40	09.75
CHL UM822	09	787643	03-04-02	100.04	100.40	09.75
CHL UM822	09	787644	03-04-02	100.04	100.40	09.75
CHL UM822	09	787645	03-04-02	100.04	100.40	09.75
CHL UM822	09	787646	03-04-02	100.04	100.40	09.75
CHL UM822	09	787647	03-04-02	100.04	100.40	09.75
CHL UM822	09	787648	03-04-02	100.04	100.40	09.75
CHL UM822	09	787649	03-04-02	100.04	100.40	09.75
CHL UM822	09	787650	03-04-02	100.04	100.40	09.75
CHL UM822	09	787651	03-04-02	100.04	100.40	09.75
CHL UM822	09	787652	03-04-02	100.04	100.40	09.75
CHL UM822	09	787653	03-04-02	100.04	100.40	09.75
CHL UM822	09	787654	03-04-02	100.04	100.40	09.75
CHL UM822	09	787655	03-04-02	100.04	100.40	09.75
CHL UM822	09	787656	03-04-02	100.04	100.40	09.75
CHL UM822	09	787657	03-04-02	100.04	100.40	09.75
CHL UM822	09	787658	03-04-02	100.04	100.40	09.75
CHL UM822	09	787659	03-04-02	100.04	100.40	09.75
CHL UM822	09	787660	03-04-02	100.04	100.40	09.75
CHL UM822	09	787661	03-04-02	100.04	100.40	09.75
CHL UM822	09	787662	03-04-02	100.04	100.40	09.75
CHL UM822	09	787663	03-04-02	100.04	100.40	09.75
CHL UM822	09	787664	03-04-02	100.04	100.40	09.75
CHL UM822	09	787665	03-04-02	100.04	100.40	09.75
CHL UM822	09	787666	03-04-02	100.04	100.40	09.75
CHL UM822	09	787667	03-04-02	100.04	100.40	09.75
CHL UM822	09	787668	03-04-02	100.04	100.40	09.75
CHL UM822	09	787669	03-04-02	100.04	100.40	09.75
CHL UM822	09	787670	03-04-02	100.04	100.40	09.75
CHL UM822	09	787671	03-04-02	100.04	100.40	09.75
CHL UM822	09	787672	03-04-02	100.04	100.40	09.75
CHL UM822	09	787673	03-04-02	100.04	100.40	09.75
CHL UM822	09	787674	03-04-02	100.04	100.40	09.75
CHL UM822	09	787675	03-04-02	100.04	100.40	09.75



MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACITOR
SCHLUMBERGER	D9	787726	2003-04-02	100.07	100.07	099.85
SCHLUMBERGER	D9	787727	2003-04-02	100.07	100.07	099.79
SCHLUMBERGER	D9	787728	2003-04-02	100.07	100.07	099.82
SCHLUMBERGER	D9	787729	2003-04-02	100.07	100.07	099.82
SCHLUMBERGER	D9	787730	2003-04-02	100.07	100.07	099.82
SCHLUMBERGER	D9	787731	2003-04-02	100.07	100.07	099.82
SCHLUMBERGER	D9	787732	2003-04-02	100.07	100.07	099.82
SCHLUMBERGER	D9	787733	2003-04-02	100.07	100.07	099.82
SCHLUMBERGER	D9	787734	2003-04-02	100.07	100.07	099.82
SCHLUMBERGER	D9	787735	2003-04-02	100.07	100.07	099.82
SCHLUMBERGER	D9	787736	2003-04-02	100.07	100.07	099.82
SCHLUMBERGER	D9	787737	2003-04-02	100.07	100.07	099.82
SCHLUMBERGER	D9	787738	2003-04-02	100.07	100.07	099.82
SCHLUMBERGER	D9	787739	2003-04-02	100.07	100.07	099.82
SCHLUMBERGER	D9	787740	2003-04-02	100.07	100.07	099.82
SCHLUMBERGER	D9	787741	2003-04-02	100.07	100.07	099.82
SCHLUMBERGER	D9	787742	2003-04-02	100.07	100.07	099.82
SCHLUMBERGER	D9	787743	2003-04-02	100.07	100.07	099.82
SCHLUMBERGER	D9	787744	2003-04-02	100.07	100.07	099.82
SCHLUMBERGER	D9	787745	2003-04-02	100.07	100.07	099.82
SCHLUMBERGER	D9	787746	2003-04-02	100.07	100.07	099.82
SCHLUMBERGER	D9	787747	2003-04-02	100.07	100.07	099.82
SCHLUMBERGER	D9	787748	2003-04-02	100.07	100.07	099.82
SCHLUMBERGER	D9	787749	2003-04-02	100.07	100.07	099.82
SCHLUMBERGER	D9	787750	2003-04-02	100.07	100.07	099.82
SCHLUMBERGER	D9	787751	2003-04-02	100.07	100.07	099.82
SCHLUMBERGER	D9	787752	2003-04-02	100.07	100.07	099.82
SCHLUMBERGER	D9	787753	2003-04-02	100.07	100.07	099.82
SCHLUMBERGER	D9	787754	2003-04-02	100.07	100.07	099.82
SCHLUMBERGER	D9	787755	2003-04-02	100.07	100.07	099.82
SCHLUMBERGER	D9	787756	2003-04-02	100.07	100.07	099.82
SCHLUMBERGER	D9	787757	2003-04-02	100.07	100.07	099.82
SCHLUMBERGER	D9	787758	2003-04-02	100.07	100.07	099.82
SCHLUMBERGER	D9	787759	2003-04-02	100.07	100.07	099.82
SCHLUMBERGER	D9	787760	2003-04-02	100.07	100.07	099.82
SCHLUMBERGER	D9	787761	2003-04-02	100.07	100.07	099.82
SCHLUMBERGER	D9	787762	2003-04-02	100.07	100.07	099.82
SCHLUMBERGER	D9	787763	2003-04-02	100.07	100.07	099.82
SCHLUMBERGER	D9	787764	2003-04-02	100.07	100.07	099.82
SCHLUMBERGER	D9	787765	2003-04-02	100.07	100.07	099.82
SCHLUMBERGER	D9	787766	2003-04-02	100.07	100.07	099.82
SCHLUMBERGER	D9	787767	2003-04-02	100.07	100.07	099.82
SCHLUMBERGER	D9	787768	2003-04-02	100.07	100.07	099.82
SCHLUMBERGER	D9	787769	2003-04-02	100.07	100.07	099.82
SCHLUMBERGER	D9	787770	2003-04-02	100.07	100.07	099.82
SCHLUMBERGER	D9	787771	2003-04-02	100.07	100.07	099.82
SCHLUMBERGER	D9	787772	2003-04-02	100.07	100.07	099.82
SCHLUMBERGER	D9	787773	2003-04-02	100.07	100.07	099.82
SCHLUMBERGER	D9	787774	2003-04-02	100.07	100.07	099.82
SCHLUMBERGER	D9	787775	2003-04-02	100.07	100.07	099.82









LOUISVILLE GAS & ELECTRIC COMPANY  
METER SUBSYSTEM (MES)  
NEW METERS ADDED LAST YEAR

MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PF FACTOR
CHLUM	099	7877927	1144	099	077	099
CHLUM	099	7877928	1144	099	077	099
CHLUM	099	7877929	1144	099	077	099
CHLUM	099	7877930	1144	099	077	099
CHLUM	099	7877931	1144	099	077	099
CHLUM	099	7877932	1144	099	077	099
CHLUM	099	7877933	1144	099	077	099
CHLUM	099	7877934	1144	099	077	099
CHLUM	099	7877935	1144	099	077	099
CHLUM	099	7877936	1144	099	077	099
CHLUM	099	7877937	1144	099	077	099
CHLUM	099	7877938	1144	099	077	099
CHLUM	099	7877939	1144	099	077	099
CHLUM	099	7877940	1144	099	077	099
CHLUM	099	7877941	1144	099	077	099
CHLUM	099	7877942	1144	099	077	099
CHLUM	099	7877943	1144	099	077	099
CHLUM	099	7877944	1144	099	077	099
CHLUM	099	7877945	1144	099	077	099
CHLUM	099	7877946	1144	099	077	099
CHLUM	099	7877947	1144	099	077	099
CHLUM	099	7877948	1144	099	077	099
CHLUM	099	7877949	1144	099	077	099
CHLUM	099	7877950	1144	099	077	099
CHLUM	099	7877951	1144	099	077	099
CHLUM	099	7877952	1144	099	077	099
CHLUM	099	7877953	1144	099	077	099
CHLUM	099	7877954	1144	099	077	099
CHLUM	099	7877955	1144	099	077	099
CHLUM	099	7877956	1144	099	077	099
CHLUM	099	7877957	1144	099	077	099
CHLUM	099	7877958	1144	099	077	099
CHLUM	099	7877959	1144	099	077	099
CHLUM	099	7877960	1144	099	077	099
CHLUM	099	7877961	1144	099	077	099
CHLUM	099	7877962	1144	099	077	099
CHLUM	099	7877963	1144	099	077	099
CHLUM	099	7877964	1144	099	077	099
CHLUM	099	7877965	1144	099	077	099
CHLUM	099	7877966	1144	099	077	099
CHLUM	099	7877967	1144	099	077	099
CHLUM	099	7877968	1144	099	077	099
CHLUM	099	7877969	1144	099	077	099
CHLUM	099	7877970	1144	099	077	099
CHLUM	099	7877971	1144	099	077	099
CHLUM	099	7877972	1144	099	077	099
CHLUM	099	7877973	1144	099	077	099
CHLUM	099	7877974	1144	099	077	099
CHLUM	099	7877975	1144	099	077	099
CHLUM	099	7877976	1144	099	077	099
CHLUM	099	7877977	1144	099	077	099
CHLUM	099	7877978	1144	099	077	099
CHLUM	099	7877979	1144	099	077	099
CHLUM	099	7877980	1144	099	077	099
CHLUM	099	7877981	1144	099	077	099
CHLUM	099	7877982	1144	099	077	099
CHLUM	099	7877983	1144	099	077	099
CHLUM	099	7877984	1144	099	077	099
CHLUM	099	7877985	1144	099	077	099
CHLUM	099	7877986	1144	099	077	099
CHLUM	099	7877987	1144	099	077	099
CHLUM	099	7877988	1144	099	077	099
CHLUM	099	7877989	1144	099	077	099
CHLUM	099	7877990	1144	099	077	099
CHLUM	099	7877991	1144	099	077	099
CHLUM	099	7877992	1144	099	077	099
CHLUM	099	7877993	1144	099	077	099
CHLUM	099	7877994	1144	099	077	099
CHLUM	099	7877995	1144	099	077	099
CHLUM	099	7877996	1144	099	077	099
CHLUM	099	7877997	1144	099	077	099
CHLUM	099	7877998	1144	099	077	099
CHLUM	099	7877999	1144	099	077	099



MANUFACTURER TYPE METER NUMBER TEST DATE FULL LOAD LIGHT LOAD PFACOR

MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACOR
CHL	U	78880220	1144	0703	100.00	100.00
CHL	U	78880221	1144	0703	100.00	100.00
CHL	U	78880222	1144	0703	100.00	100.00
CHL	U	78880223	1144	0703	100.00	100.00
CHL	U	78880224	1144	0703	100.00	100.00
CHL	U	78880225	1144	0703	100.00	100.00
CHL	U	78880226	1144	0703	100.00	100.00
CHL	U	78880227	1144	0703	100.00	100.00
CHL	U	78880228	1144	0703	100.00	100.00
CHL	U	78880229	1144	0703	100.00	100.00
CHL	U	78880230	1144	0703	100.00	100.00
CHL	U	78880231	1144	0703	100.00	100.00
CHL	U	78880232	1144	0703	100.00	100.00
CHL	U	78880233	1144	0703	100.00	100.00
CHL	U	78880234	1144	0703	100.00	100.00
CHL	U	78880235	1144	0703	100.00	100.00
CHL	U	78880236	1144	0703	100.00	100.00
CHL	U	78880237	1144	0703	100.00	100.00
CHL	U	78880238	1144	0703	100.00	100.00
CHL	U	78880239	1144	0703	100.00	100.00
CHL	U	78880240	1144	0703	100.00	100.00
CHL	U	78880241	1144	0703	100.00	100.00
CHL	U	78880242	1144	0703	100.00	100.00
CHL	U	78880243	1144	0703	100.00	100.00
CHL	U	78880244	1144	0703	100.00	100.00
CHL	U	78880245	1144	0703	100.00	100.00
CHL	U	78880246	1144	0703	100.00	100.00
CHL	U	78880247	1144	0703	100.00	100.00
CHL	U	78880248	1144	0703	100.00	100.00
CHL	U	78880249	1144	0703	100.00	100.00
CHL	U	78880250	1144	0703	100.00	100.00
CHL	U	78880251	1144	0703	100.00	100.00
CHL	U	78880252	1144	0703	100.00	100.00
CHL	U	78880253	1144	0703	100.00	100.00
CHL	U	78880254	1144	0703	100.00	100.00
CHL	U	78880255	1144	0703	100.00	100.00
CHL	U	78880256	1144	0703	100.00	100.00
CHL	U	78880257	1144	0703	100.00	100.00
CHL	U	78880258	1144	0703	100.00	100.00
CHL	U	78880259	1144	0703	100.00	100.00
CHL	U	78880260	1144	0703	100.00	100.00
CHL	U	78880261	1144	0703	100.00	100.00
CHL	U	78880262	1144	0703	100.00	100.00
CHL	U	78880263	1144	0703	100.00	100.00
CHL	U	78880264	1144	0703	100.00	100.00
CHL	U	78880265	1144	0703	100.00	100.00
CHL	U	78880266	1144	0703	100.00	100.00
CHL	U	78880267	1144	0703	100.00	100.00
CHL	U	78880268	1144	0703	100.00	100.00
CHL	U	78880269	1144	0703	100.00	100.00
CHL	U	78880270	1144	0703	100.00	100.00
CHL	U	78880271	1144	0703	100.00	100.00
CHL	U	78880272	1144	0703	100.00	100.00
CHL	U	78880273	1144	0703	100.00	100.00
CHL	U	78880274	1144	0703	100.00	100.00
CHL	U	78880275	1144	0703	100.00	100.00
CHL	U	78880276	1144	0703	100.00	100.00
CHL	U	78880277	1144	0703	100.00	100.00
CHL	U	78880278	1144	0703	100.00	100.00
CHL	U	78880279	1144	0703	100.00	100.00
CHL	U	78880280	1144	0703	100.00	100.00
CHL	U	78880281	1144	0703	100.00	100.00
CHL	U	78880282	1144	0703	100.00	100.00
CHL	U	78880283	1144	0703	100.00	100.00
CHL	U	78880284	1144	0703	100.00	100.00
CHL	U	78880285	1144	0703	100.00	100.00
CHL	U	78880286	1144	0703	100.00	100.00
CHL	U	78880287	1144	0703	100.00	100.00
CHL	U	78880288	1144	0703	100.00	100.00
CHL	U	78880289	1144	0703	100.00	100.00
CHL	U	78880290	1144	0703	100.00	100.00
CHL	U	78880291	1144	0703	100.00	100.00
CHL	U	78880292	1144	0703	100.00	100.00
CHL	U	78880293	1144	0703	100.00	100.00
CHL	U	78880294	1144	0703	100.00	100.00
CHL	U	78880295	1144	0703	100.00	100.00
CHL	U	78880296	1144	0703	100.00	100.00
CHL	U	78880297	1144	0703	100.00	100.00
CHL	U	78880298	1144	0703	100.00	100.00
CHL	U	78880299	1144	0703	100.00	100.00
CHL	U	78880300	1144	0703	100.00	100.00



MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACOR
SCHLUMBERGER	D99	78881127	1444	1092	1092	0997
SCHLUMBERGER	D99	78881128	1444	1092	1092	0997
SCHLUMBERGER	D99	78881129	1444	1092	1092	0997
SCHLUMBERGER	D99	78881130	1444	1092	1092	0997
SCHLUMBERGER	D99	78881131	1444	1092	1092	0997
SCHLUMBERGER	D99	78881132	1444	1092	1092	0997
SCHLUMBERGER	D99	78881133	1444	1092	1092	0997
SCHLUMBERGER	D99	78881134	1444	1092	1092	0997
SCHLUMBERGER	D99	78881135	1444	1092	1092	0997
SCHLUMBERGER	D99	78881136	1444	1092	1092	0997
SCHLUMBERGER	D99	78881137	1444	1092	1092	0997
SCHLUMBERGER	D99	78881138	1444	1092	1092	0997
SCHLUMBERGER	D99	78881139	1444	1092	1092	0997
SCHLUMBERGER	D99	78881140	1444	1092	1092	0997
SCHLUMBERGER	D99	78881141	1444	1092	1092	0997
SCHLUMBERGER	D99	78881142	1444	1092	1092	0997
SCHLUMBERGER	D99	78881143	1444	1092	1092	0997
SCHLUMBERGER	D99	78881144	1444	1092	1092	0997
SCHLUMBERGER	D99	78881145	1444	1092	1092	0997
SCHLUMBERGER	D99	78881146	1444	1092	1092	0997
SCHLUMBERGER	D99	78881147	1444	1092	1092	0997
SCHLUMBERGER	D99	78881148	1444	1092	1092	0997
SCHLUMBERGER	D99	78881149	1444	1092	1092	0997
SCHLUMBERGER	D99	78881150	1444	1092	1092	0997
SCHLUMBERGER	D99	78881151	1444	1092	1092	0997
SCHLUMBERGER	D99	78881152	1444	1092	1092	0997
SCHLUMBERGER	D99	78881153	1444	1092	1092	0997
SCHLUMBERGER	D99	78881154	1444	1092	1092	0997
SCHLUMBERGER	D99	78881155	1444	1092	1092	0997
SCHLUMBERGER	D99	78881156	1444	1092	1092	0997
SCHLUMBERGER	D99	78881157	1444	1092	1092	0997
SCHLUMBERGER	D99	78881158	1444	1092	1092	0997
SCHLUMBERGER	D99	78881159	1444	1092	1092	0997
SCHLUMBERGER	D99	78881160	1444	1092	1092	0997
SCHLUMBERGER	D99	78881161	1444	1092	1092	0997
SCHLUMBERGER	D99	78881162	1444	1092	1092	0997
SCHLUMBERGER	D99	78881163	1444	1092	1092	0997
SCHLUMBERGER	D99	78881164	1444	1092	1092	0997
SCHLUMBERGER	D99	78881165	1444	1092	1092	0997
SCHLUMBERGER	D99	78881166	1444	1092	1092	0997
SCHLUMBERGER	D99	78881167	1444	1092	1092	0997
SCHLUMBERGER	D99	78881168	1444	1092	1092	0997
SCHLUMBERGER	D99	78881169	1444	1092	1092	0997
SCHLUMBERGER	D99	78881170	1444	1092	1092	0997
SCHLUMBERGER	D99	78881171	1444	1092	1092	0997
SCHLUMBERGER	D99	78881172	1444	1092	1092	0997
SCHLUMBERGER	D99	78881173	1444	1092	1092	0997
SCHLUMBERGER	D99	78881174	1444	1092	1092	0997
SCHLUMBERGER	D99	78881175	1444	1092	1092	0997
SCHLUMBERGER	D99	78881176	1444	1092	1092	0997
SCHLUMBERGER	D99	78881177	1444	1092	1092	0997
SCHLUMBERGER	D99	78881178	1444	1092	1092	0997
SCHLUMBERGER	D99	78881179	1444	1092	1092	0997
SCHLUMBERGER	D99	78881180	1444	1092	1092	0997
SCHLUMBERGER	D99	78881181	1444	1092	1092	0997
SCHLUMBERGER	D99	78881182	1444	1092	1092	0997
SCHLUMBERGER	D99	78881183	1444	1092	1092	0997
SCHLUMBERGER	D99	78881184	1444	1092	1092	0997
SCHLUMBERGER	D99	78881185	1444	1092	1092	0997
SCHLUMBERGER	D99	78881186	1444	1092	1092	0997
SCHLUMBERGER	D99	78881187	1444	1092	1092	0997
SCHLUMBERGER	D99	78881188	1444	1092	1092	0997
SCHLUMBERGER	D99	78881189	1444	1092	1092	0997
SCHLUMBERGER	D99	78881190	1444	1092	1092	0997
SCHLUMBERGER	D99	78881191	1444	1092	1092	0997
SCHLUMBERGER	D99	78881192	1444	1092	1092	0997
SCHLUMBERGER	D99	78881193	1444	1092	1092	0997
SCHLUMBERGER	D99	78881194	1444	1092	1092	0997
SCHLUMBERGER	D99	78881195	1444	1092	1092	0997
SCHLUMBERGER	D99	78881196	1444	1092	1092	0997
SCHLUMBERGER	D99	78881197	1444	1092	1092	0997
SCHLUMBERGER	D99	78881198	1444	1092	1092	0997
SCHLUMBERGER	D99	78881199	1444	1092	1092	0997
SCHLUMBERGER	D99	78881200	1444	1092	1092	0997



LOUISVILLE GAS & ELECTRIC COMPANY  
METER SUBM SYSTEM (MS3)  
NEW METERS ADDED LAST YEAR

MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PF FACTOR
CHL	UM	7888227	01/14	00000000	00000000	100.00
CHL	UM	7888228	01/14	00000000	00000000	100.00
CHL	UM	7888229	01/14	00000000	00000000	100.00
CHL	UM	7888230	01/14	00000000	00000000	100.00
CHL	UM	7888231	01/14	00000000	00000000	100.00
CHL	UM	7888232	01/14	00000000	00000000	100.00
CHL	UM	7888233	01/14	00000000	00000000	100.00
CHL	UM	7888234	01/14	00000000	00000000	100.00
CHL	UM	7888235	01/14	00000000	00000000	100.00
CHL	UM	7888236	01/14	00000000	00000000	100.00
CHL	UM	7888237	01/14	00000000	00000000	100.00
CHL	UM	7888238	01/14	00000000	00000000	100.00
CHL	UM	7888239	01/14	00000000	00000000	100.00
CHL	UM	7888240	01/14	00000000	00000000	100.00
CHL	UM	7888241	01/14	00000000	00000000	100.00
CHL	UM	7888242	01/14	00000000	00000000	100.00
CHL	UM	7888243	01/14	00000000	00000000	100.00
CHL	UM	7888244	01/14	00000000	00000000	100.00
CHL	UM	7888245	01/14	00000000	00000000	100.00
CHL	UM	7888246	01/14	00000000	00000000	100.00
CHL	UM	7888247	01/14	00000000	00000000	100.00
CHL	UM	7888248	01/14	00000000	00000000	100.00
CHL	UM	7888249	01/14	00000000	00000000	100.00
CHL	UM	7888250	01/14	00000000	00000000	100.00
CHL	UM	7888251	01/14	00000000	00000000	100.00
CHL	UM	7888252	01/14	00000000	00000000	100.00
CHL	UM	7888253	01/14	00000000	00000000	100.00
CHL	UM	7888254	01/14	00000000	00000000	100.00
CHL	UM	7888255	01/14	00000000	00000000	100.00
CHL	UM	7888256	01/14	00000000	00000000	100.00
CHL	UM	7888257	01/14	00000000	00000000	100.00
CHL	UM	7888258	01/14	00000000	00000000	100.00
CHL	UM	7888259	01/14	00000000	00000000	100.00
CHL	UM	7888260	01/14	00000000	00000000	100.00
CHL	UM	7888261	01/14	00000000	00000000	100.00
CHL	UM	7888262	01/14	00000000	00000000	100.00
CHL	UM	7888263	01/14	00000000	00000000	100.00
CHL	UM	7888264	01/14	00000000	00000000	100.00
CHL	UM	7888265	01/14	00000000	00000000	100.00
CHL	UM	7888266	01/14	00000000	00000000	100.00
CHL	UM	7888267	01/14	00000000	00000000	100.00
CHL	UM	7888268	01/14	00000000	00000000	100.00
CHL	UM	7888269	01/14	00000000	00000000	100.00
CHL	UM	7888270	01/14	00000000	00000000	100.00
CHL	UM	7888271	01/14	00000000	00000000	100.00
CHL	UM	7888272	01/14	00000000	00000000	100.00
CHL	UM	7888273	01/14	00000000	00000000	100.00
CHL	UM	7888274	01/14	00000000	00000000	100.00
CHL	UM	7888275	01/14	00000000	00000000	100.00
CHL	UM	7888276	01/14	00000000	00000000	100.00
CHL	UM	7888277	01/14	00000000	00000000	100.00
CHL	UM	7888278	01/14	00000000	00000000	100.00
CHL	UM	7888279	01/14	00000000	00000000	100.00
CHL	UM	7888280	01/14	00000000	00000000	100.00
CHL	UM	7888281	01/14	00000000	00000000	100.00
CHL	UM	7888282	01/14	00000000	00000000	100.00
CHL	UM	7888283	01/14	00000000	00000000	100.00
CHL	UM	7888284	01/14	00000000	00000000	100.00
CHL	UM	7888285	01/14	00000000	00000000	100.00
CHL	UM	7888286	01/14	00000000	00000000	100.00
CHL	UM	7888287	01/14	00000000	00000000	100.00
CHL	UM	7888288	01/14	00000000	00000000	100.00
CHL	UM	7888289	01/14	00000000	00000000	100.00
CHL	UM	7888290	01/14	00000000	00000000	100.00
CHL	UM	7888291	01/14	00000000	00000000	100.00
CHL	UM	7888292	01/14	00000000	00000000	100.00
CHL	UM	7888293	01/14	00000000	00000000	100.00
CHL	UM	7888294	01/14	00000000	00000000	100.00
CHL	UM	7888295	01/14	00000000	00000000	100.00
CHL	UM	7888296	01/14	00000000	00000000	100.00
CHL	UM	7888297	01/14	00000000	00000000	100.00
CHL	UM	7888298	01/14	00000000	00000000	100.00
CHL	UM	7888299	01/14	00000000	00000000	100.00
CHL	UM	7888300	01/14	00000000	00000000	100.00









MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PF FACTOR
CHLUMER	D9	7899A26	02-14	97.4	97.9	100.0
CHLUMER	D9	7899A27	02-14	120.0	100.0	100.0
CHLUMER	D9	7899A28	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A29	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A30	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A31	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A32	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A33	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A34	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A35	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A36	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A37	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A38	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A39	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A40	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A41	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A42	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A43	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A44	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A45	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A46	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A47	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A48	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A49	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A50	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A51	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A52	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A53	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A54	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A55	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A56	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A57	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A58	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A59	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A60	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A61	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A62	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A63	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A64	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A65	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A66	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A67	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A68	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A69	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A70	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A71	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A72	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A73	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A74	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A75	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A76	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A77	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A78	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A79	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A80	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A81	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A82	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A83	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A84	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A85	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A86	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A87	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A88	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A89	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A90	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A91	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A92	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A93	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A94	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A95	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A96	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A97	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A98	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A99	02-14	100.0	100.0	100.0
CHLUMER	D9	7899A00	02-14	100.0	100.0	100.0



LOUISVILLE GAS & ELECTRIC COMPANY  
METER 30831581 (MS51)  
NEW METERS ADDED LAST YEAR

MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACTOR
SCHLUMBERGER	D9	789527	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789528	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789529	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789530	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789531	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789532	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789533	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789534	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789535	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789536	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789537	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789538	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789539	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789540	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789541	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789542	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789543	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789544	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789545	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789546	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789547	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789548	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789549	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789550	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789551	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789552	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789553	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789554	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789555	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789556	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789557	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789558	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789559	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789560	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789561	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789562	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789563	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789564	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789565	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789566	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789567	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789568	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789569	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789570	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789571	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789572	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789573	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789574	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789575	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789576	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789577	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789578	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789579	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789580	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789581	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789582	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789583	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789584	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789585	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789586	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789587	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789588	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789589	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789590	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789591	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789592	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789593	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789594	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789595	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789596	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789597	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789598	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789599	05-14	0.00	4.22	100.57
SCHLUMBERGER	D9	789600	05-14	0.00	4.22	100.57



MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFAC TOR
UM66	D99	7888A2047	03-14	999.92	100.130	07.85
UM66	D99	7888A2048	03-14	100.97	100.130	07.85
UM66	D99	7888A2049	03-14	100.97	100.130	07.85
UM66	D99	7888A2050	03-14	100.97	100.130	07.85
UM66	D99	7888A2051	03-14	100.97	100.130	07.85
UM66	D99	7888A2052	03-14	100.97	100.130	07.85
UM66	D99	7888A2053	03-14	100.97	100.130	07.85
UM66	D99	7888A2054	03-14	100.97	100.130	07.85
UM66	D99	7888A2055	03-14	100.97	100.130	07.85
UM66	D99	7888A2056	03-14	100.97	100.130	07.85
UM66	D99	7888A2057	03-14	100.97	100.130	07.85
UM66	D99	7888A2058	03-14	100.97	100.130	07.85
UM66	D99	7888A2059	03-14	100.97	100.130	07.85
UM66	D99	7888A2060	03-14	100.97	100.130	07.85
UM66	D99	7888A2061	03-14	100.97	100.130	07.85
UM66	D99	7888A2062	03-14	100.97	100.130	07.85
UM66	D99	7888A2063	03-14	100.97	100.130	07.85
UM66	D99	7888A2064	03-14	100.97	100.130	07.85
UM66	D99	7888A2065	03-14	100.97	100.130	07.85
UM66	D99	7888A2066	03-14	100.97	100.130	07.85
UM66	D99	7888A2067	03-14	100.97	100.130	07.85
UM66	D99	7888A2068	03-14	100.97	100.130	07.85
UM66	D99	7888A2069	03-14	100.97	100.130	07.85
UM66	D99	7888A2070	03-14	100.97	100.130	07.85
UM66	D99	7888A2071	03-14	100.97	100.130	07.85
UM66	D99	7888A2072	03-14	100.97	100.130	07.85
UM66	D99	7888A2073	03-14	100.97	100.130	07.85
UM66	D99	7888A2074	03-14	100.97	100.130	07.85
UM66	D99	7888A2075	03-14	100.97	100.130	07.85
UM66	D99	7888A2076	03-14	100.97	100.130	07.85
UM66	D99	7888A2077	03-14	100.97	100.130	07.85
UM66	D99	7888A2078	03-14	100.97	100.130	07.85
UM66	D99	7888A2079	03-14	100.97	100.130	07.85
UM66	D99	7888A2080	03-14	100.97	100.130	07.85
UM66	D99	7888A2081	03-14	100.97	100.130	07.85
UM66	D99	7888A2082	03-14	100.97	100.130	07.85
UM66	D99	7888A2083	03-14	100.97	100.130	07.85
UM66	D99	7888A2084	03-14	100.97	100.130	07.85
UM66	D99	7888A2085	03-14	100.97	100.130	07.85
UM66	D99	7888A2086	03-14	100.97	100.130	07.85
UM66	D99	7888A2087	03-14	100.97	100.130	07.85
UM66	D99	7888A2088	03-14	100.97	100.130	07.85
UM66	D99	7888A2089	03-14	100.97	100.130	07.85
UM66	D99	7888A2090	03-14	100.97	100.130	07.85
UM66	D99	7888A2091	03-14	100.97	100.130	07.85
UM66	D99	7888A2092	03-14	100.97	100.130	07.85
UM66	D99	7888A2093	03-14	100.97	100.130	07.85
UM66	D99	7888A2094	03-14	100.97	100.130	07.85
UM66	D99	7888A2095	03-14	100.97	100.130	07.85
UM66	D99	7888A2096	03-14	100.97	100.130	07.85
UM66	D99	7888A2097	03-14	100.97	100.130	07.85
UM66	D99	7888A2098	03-14	100.97	100.130	07.85
UM66	D99	7888A2099	03-14	100.97	100.130	07.85
UM66	D99	7888A2100	03-14	100.97	100.130	07.85





MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACTOR
SCHLUMBERGER	D9	788726	05-14	100.02	100.09	100.42
SCHLUMBERGER	D9	788727	05-14	099.87	100.04	099.75
SCHLUMBERGER	D9	788728	05-14	100.00	100.02	100.01
SCHLUMBERGER	D9	788729	05-14	099.88	100.01	100.07
SCHLUMBERGER	D9	788730	05-14	099.85	100.01	100.19
SCHLUMBERGER	D9	788731	05-14	100.03	100.12	100.04
SCHLUMBERGER	D9	788732	05-14	100.05	100.10	099.88
SCHLUMBERGER	D9	788733	05-14	099.87	100.11	100.08
SCHLUMBERGER	D9	788734	05-14	099.74	100.08	100.43
SCHLUMBERGER	D9	788735	05-14	099.82	100.05	099.87
SCHLUMBERGER	D9	788736	05-14	099.82	100.03	100.43
SCHLUMBERGER	D9	788737	05-14	099.88	100.02	099.87
SCHLUMBERGER	D9	788738	05-14	099.88	100.02	100.41
SCHLUMBERGER	D9	788739	05-14	099.88	100.02	100.41
SCHLUMBERGER	D9	788740	05-14	099.85	100.04	100.41
SCHLUMBERGER	D9	788741	05-14	100.15	100.44	100.41
SCHLUMBERGER	D9	788742	05-14	100.17	100.37	100.41
SCHLUMBERGER	D9	788743	05-14	099.49	099.88	100.40
SCHLUMBERGER	D9	788744	05-14	099.48	099.88	099.88
SCHLUMBERGER	D9	788745	05-14	099.89	099.88	099.88
SCHLUMBERGER	D9	788746	05-14	099.89	100.04	100.47
SCHLUMBERGER	D9	788747	05-14	099.89	100.49	100.47
SCHLUMBERGER	D9	788748	05-14	099.89	100.49	100.47
SCHLUMBERGER	D9	788749	05-14	099.89	100.49	100.47
SCHLUMBERGER	D9	788750	05-14	099.89	100.49	100.47
SCHLUMBERGER	D9	788751	05-14	099.89	100.49	100.47
SCHLUMBERGER	D9	788752	05-14	099.89	100.49	100.47
SCHLUMBERGER	D9	788753	05-14	099.89	100.49	100.47
SCHLUMBERGER	D9	788754	05-14	099.89	100.49	100.47
SCHLUMBERGER	D9	788755	05-14	099.89	100.49	100.47
SCHLUMBERGER	D9	788756	05-14	099.89	100.49	100.47
SCHLUMBERGER	D9	788757	05-14	099.89	100.49	100.47
SCHLUMBERGER	D9	788758	05-14	099.89	100.49	100.47
SCHLUMBERGER	D9	788759	05-14	099.89	100.49	100.47
SCHLUMBERGER	D9	788760	05-14	099.89	100.49	100.47
SCHLUMBERGER	D9	788761	05-14	099.89	100.49	100.47
SCHLUMBERGER	D9	788762	05-14	099.89	100.49	100.47
SCHLUMBERGER	D9	788763	05-14	099.89	100.49	100.47
SCHLUMBERGER	D9	788764	05-14	099.89	100.49	100.47
SCHLUMBERGER	D9	788765	05-14	099.89	100.49	100.47
SCHLUMBERGER	D9	788766	05-14	099.89	100.49	100.47
SCHLUMBERGER	D9	788767	05-14	099.89	100.49	100.47
SCHLUMBERGER	D9	788768	05-14	099.89	100.49	100.47
SCHLUMBERGER	D9	788769	05-14	099.89	100.49	100.47
SCHLUMBERGER	D9	788770	05-14	099.89	100.49	100.47
SCHLUMBERGER	D9	788771	05-14	099.89	100.49	100.47
SCHLUMBERGER	D9	788772	05-14	099.89	100.49	100.47
SCHLUMBERGER	D9	788773	05-14	099.89	100.49	100.47
SCHLUMBERGER	D9	788774	05-14	099.89	100.49	100.47
SCHLUMBERGER	D9	788775	05-14	099.89	100.49	100.47











MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACTOR
CHL	09	7899027	114	99.7	100.0	0.92
CHL	09	7899028	114	99.9	100.0	0.97
CHL	09	7899029	114	99.9	100.0	0.99
CHL	09	7899030	114	100.0	100.0	0.99
CHL	09	7899031	114	99.9	100.0	0.97
CHL	09	7899032	114	99.9	100.0	0.97
CHL	09	7899033	114	99.9	100.0	0.97
CHL	09	7899034	114	99.9	100.0	0.97
CHL	09	7899035	114	99.9	100.0	0.97
CHL	09	7899036	114	99.9	100.0	0.97
CHL	09	7899037	114	99.9	100.0	0.97
CHL	09	7899038	114	99.9	100.0	0.97
CHL	09	7899039	114	99.9	100.0	0.97
CHL	09	7899040	114	99.9	100.0	0.97
CHL	09	7899041	114	99.9	100.0	0.97
CHL	09	7899042	114	99.9	100.0	0.97
CHL	09	7899043	114	99.9	100.0	0.97
CHL	09	7899044	114	99.9	100.0	0.97
CHL	09	7899045	114	99.9	100.0	0.97
CHL	09	7899046	114	99.9	100.0	0.97
CHL	09	7899047	114	99.9	100.0	0.97
CHL	09	7899048	114	99.9	100.0	0.97
CHL	09	7899049	114	99.9	100.0	0.97
CHL	09	7899050	114	99.9	100.0	0.97
CHL	09	7899051	114	99.9	100.0	0.97
CHL	09	7899052	114	99.9	100.0	0.97
CHL	09	7899053	114	99.9	100.0	0.97
CHL	09	7899054	114	99.9	100.0	0.97
CHL	09	7899055	114	99.9	100.0	0.97
CHL	09	7899056	114	99.9	100.0	0.97
CHL	09	7899057	114	99.9	100.0	0.97
CHL	09	7899058	114	99.9	100.0	0.97
CHL	09	7899059	114	99.9	100.0	0.97
CHL	09	7899060	114	99.9	100.0	0.97
CHL	09	7899061	114	99.9	100.0	0.97
CHL	09	7899062	114	99.9	100.0	0.97
CHL	09	7899063	114	99.9	100.0	0.97
CHL	09	7899064	114	99.9	100.0	0.97
CHL	09	7899065	114	99.9	100.0	0.97
CHL	09	7899066	114	99.9	100.0	0.97
CHL	09	7899067	114	99.9	100.0	0.97
CHL	09	7899068	114	99.9	100.0	0.97
CHL	09	7899069	114	99.9	100.0	0.97
CHL	09	7899070	114	99.9	100.0	0.97
CHL	09	7899071	114	99.9	100.0	0.97
CHL	09	7899072	114	99.9	100.0	0.97
CHL	09	7899073	114	99.9	100.0	0.97
CHL	09	7899074	114	99.9	100.0	0.97
CHL	09	7899075	114	99.9	100.0	0.97





























MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PF FACTOR
CHL	D9	7896776	09-09-04	099.97	103.13	099.94
CHL	D9	7896777	09-09-04	099.82	103.07	100.14
CHL	D9	7896778	09-09-04	099.84	103.07	100.10
CHL	D9	7896779	09-09-04	100.14	103.07	100.04
CHL	D9	7896830	09-09-04	100.10	103.07	099.99
CHL	D9	7896831	09-09-04	100.00	103.07	099.94
CHL	D9	7896892	09-09-04	100.00	103.07	100.00
CHL	D9	7896893	09-09-04	100.00	103.07	100.00
CHL	D9	7896894	09-09-04	100.00	103.07	100.00
CHL	D9	7896895	09-09-04	100.00	103.07	100.00
CHL	D9	7896896	09-09-04	100.00	103.07	100.00
CHL	D9	7896897	09-09-04	100.00	103.07	100.00
CHL	D9	7896898	09-09-04	100.00	103.07	100.00
CHL	D9	7896899	09-09-04	100.00	103.07	100.00
CHL	D9	7896900	09-09-04	100.00	103.07	100.00
CHL	D9	7896901	09-09-04	100.00	103.07	100.00
CHL	D9	7896902	09-09-04	100.00	103.07	100.00
CHL	D9	7896903	09-09-04	100.00	103.07	100.00
CHL	D9	7896904	09-09-04	100.00	103.07	100.00
CHL	D9	7896905	09-09-04	100.00	103.07	100.00
CHL	D9	7896906	09-09-04	100.00	103.07	100.00
CHL	D9	7896907	09-09-04	100.00	103.07	100.00
CHL	D9	7896908	09-09-04	100.00	103.07	100.00
CHL	D9	7896909	09-09-04	100.00	103.07	100.00
CHL	D9	7896910	09-09-04	100.00	103.07	100.00
CHL	D9	7896911	09-09-04	100.00	103.07	100.00
CHL	D9	7896912	09-09-04	100.00	103.07	100.00
CHL	D9	7896913	09-09-04	100.00	103.07	100.00
CHL	D9	7896914	09-09-04	100.00	103.07	100.00
CHL	D9	7896915	09-09-04	100.00	103.07	100.00
CHL	D9	7896916	09-09-04	100.00	103.07	100.00
CHL	D9	7896917	09-09-04	100.00	103.07	100.00
CHL	D9	7896918	09-09-04	100.00	103.07	100.00
CHL	D9	7896919	09-09-04	100.00	103.07	100.00
CHL	D9	7896920	09-09-04	100.00	103.07	100.00
CHL	D9	7896921	09-09-04	100.00	103.07	100.00
CHL	D9	7896922	09-09-04	100.00	103.07	100.00
CHL	D9	7896923	09-09-04	100.00	103.07	100.00
CHL	D9	7896924	09-09-04	100.00	103.07	100.00
CHL	D9	7896925	09-09-04	100.00	103.07	100.00

MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PF FACTOR
SCHLUMBERGER	09	789724	09-04	108.07	10.97	100.14
SCHLUMBERGER	09	789727	09-04	108.02	10.97	100.14
SCHLUMBERGER	09	789728	09-04	108.98	10.97	100.14
SCHLUMBERGER	09	789729	09-04	108.98	10.97	100.14
SCHLUMBERGER	09	789730	09-04	108.98	10.97	100.14
SCHLUMBERGER	09	789731	09-04	108.98	10.97	100.14
SCHLUMBERGER	09	789732	09-04	108.98	10.97	100.14
SCHLUMBERGER	09	789733	09-04	108.98	10.97	100.14
SCHLUMBERGER	09	789734	09-04	108.98	10.97	100.14
SCHLUMBERGER	09	789735	09-04	108.98	10.97	100.14
SCHLUMBERGER	09	789736	09-04	108.98	10.97	100.14
SCHLUMBERGER	09	789737	09-04	108.98	10.97	100.14
SCHLUMBERGER	09	789738	09-04	108.98	10.97	100.14
SCHLUMBERGER	09	789739	09-04	108.98	10.97	100.14
SCHLUMBERGER	09	789740	09-04	108.98	10.97	100.14
SCHLUMBERGER	09	789741	09-04	108.98	10.97	100.14
SCHLUMBERGER	09	789742	09-04	108.98	10.97	100.14
SCHLUMBERGER	09	789743	09-04	108.98	10.97	100.14
SCHLUMBERGER	09	789744	09-04	108.98	10.97	100.14
SCHLUMBERGER	09	789745	09-04	108.98	10.97	100.14
SCHLUMBERGER	09	789746	09-04	108.98	10.97	100.14
SCHLUMBERGER	09	789747	09-04	108.98	10.97	100.14
SCHLUMBERGER	09	789748	09-04	108.98	10.97	100.14
SCHLUMBERGER	09	789749	09-04	108.98	10.97	100.14
SCHLUMBERGER	09	789750	09-04	108.98	10.97	100.14
SCHLUMBERGER	09	789751	09-04	108.98	10.97	100.14
SCHLUMBERGER	09	789752	09-04	108.98	10.97	100.14
SCHLUMBERGER	09	789753	09-04	108.98	10.97	100.14
SCHLUMBERGER	09	789754	09-04	108.98	10.97	100.14
SCHLUMBERGER	09	789755	09-04	108.98	10.97	100.14
SCHLUMBERGER	09	789756	09-04	108.98	10.97	100.14
SCHLUMBERGER	09	789757	09-04	108.98	10.97	100.14
SCHLUMBERGER	09	789758	09-04	108.98	10.97	100.14
SCHLUMBERGER	09	789759	09-04	108.98	10.97	100.14
SCHLUMBERGER	09	789760	09-04	108.98	10.97	100.14
SCHLUMBERGER	09	789761	09-04	108.98	10.97	100.14
SCHLUMBERGER	09	789762	09-04	108.98	10.97	100.14
SCHLUMBERGER	09	789763	09-04	108.98	10.97	100.14
SCHLUMBERGER	09	789764	09-04	108.98	10.97	100.14
SCHLUMBERGER	09	789765	09-04	108.98	10.97	100.14
SCHLUMBERGER	09	789766	09-04	108.98	10.97	100.14
SCHLUMBERGER	09	789767	09-04	108.98	10.97	100.14
SCHLUMBERGER	09	789768	09-04	108.98	10.97	100.14
SCHLUMBERGER	09	789769	09-04	108.98	10.97	100.14
SCHLUMBERGER	09	789770	09-04	108.98	10.97	100.14
SCHLUMBERGER	09	789771	09-04	108.98	10.97	100.14
SCHLUMBERGER	09	789772	09-04	108.98	10.97	100.14
SCHLUMBERGER	09	789773	09-04	108.98	10.97	100.14
SCHLUMBERGER	09	789774	09-04	108.98	10.97	100.14
SCHLUMBERGER	09	789775	09-04	108.98	10.97	100.14

MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PF FACTOR
CHL UM82	D9	7897776	09-04	97.94	99.09	99.90
CHL UM82	D9	7897777	09-04	97.94	100.09	99.47
CHL UM82	D9	7897778	09-04	100.01	100.09	100.02
CHL UM82	D9	7897779	09-04	100.03	100.09	100.06
CHL UM82	D9	7897780	09-04	100.14	100.09	100.20
CHL UM82	D9	7897781	09-04	100.74	100.09	100.20
CHL UM82	D9	7897782	09-04	100.09	100.09	100.70
CHL UM82	D9	7897783	09-04	99.74	100.09	99.98
CHL UM82	D9	7897784	09-04	99.97	100.09	99.74
CHL UM82	D9	7897785	09-04	100.14	100.09	100.03
CHL UM82	D9	7897786	09-04	100.09	100.09	99.97
CHL UM82	D9	7897787	09-04	100.09	100.09	99.97
CHL UM82	D9	7897788	09-04	100.09	100.09	99.97
CHL UM82	D9	7897789	09-04	100.09	100.09	99.97
CHL UM82	D9	7897790	09-04	100.09	100.09	99.97
CHL UM82	D9	7897791	09-04	100.09	100.09	99.97
CHL UM82	D9	7897792	09-04	100.09	100.09	99.97
CHL UM82	D9	7897793	09-04	100.09	100.09	99.97
CHL UM82	D9	7897794	09-04	100.09	100.09	99.97
CHL UM82	D9	7897795	09-04	100.09	100.09	99.97
CHL UM82	D9	7897796	09-04	100.09	100.09	99.97
CHL UM82	D9	7897797	09-04	100.09	100.09	99.97
CHL UM82	D9	7897798	09-04	100.09	100.09	99.97
CHL UM82	D9	7897799	09-04	100.09	100.09	99.97
CHL UM82	D9	7897800	09-04	100.09	100.09	99.97
CHL UM82	D9	7897801	09-04	100.09	100.09	99.97
CHL UM82	D9	7897802	09-04	100.09	100.09	99.97
CHL UM82	D9	7897803	09-04	100.09	100.09	99.97
CHL UM82	D9	7897804	09-04	100.09	100.09	99.97
CHL UM82	D9	7897805	09-04	100.09	100.09	99.97
CHL UM82	D9	7897806	09-04	100.09	100.09	99.97
CHL UM82	D9	7897807	09-04	100.09	100.09	99.97
CHL UM82	D9	7897808	09-04	100.09	100.09	99.97
CHL UM82	D9	7897809	09-04	100.09	100.09	99.97
CHL UM82	D9	7897810	09-04	100.09	100.09	99.97
CHL UM82	D9	7897811	09-04	100.09	100.09	99.97
CHL UM82	D9	7897812	09-04	100.09	100.09	99.97
CHL UM82	D9	7897813	09-04	100.09	100.09	99.97
CHL UM82	D9	7897814	09-04	100.09	100.09	99.97
CHL UM82	D9	7897815	09-04	100.09	100.09	99.97
CHL UM82	D9	7897816	09-04	100.09	100.09	99.97
CHL UM82	D9	7897817	09-04	100.09	100.09	99.97
CHL UM82	D9	7897818	09-04	100.09	100.09	99.97
CHL UM82	D9	7897819	09-04	100.09	100.09	99.97
CHL UM82	D9	7897820	09-04	100.09	100.09	99.97
CHL UM82	D9	7897821	09-04	100.09	100.09	99.97
CHL UM82	D9	7897822	09-04	100.09	100.09	99.97
CHL UM82	D9	7897823	09-04	100.09	100.09	99.97
CHL UM82	D9	7897824	09-04	100.09	100.09	99.97
CHL UM82	D9	7897825	09-04	100.09	100.09	99.97
CHL UM82	D9	7897826	09-04	100.09	100.09	99.97
CHL UM82	D9	7897827	09-04	100.09	100.09	99.97
CHL UM82	D9	7897828	09-04	100.09	100.09	99.97
CHL UM82	D9	7897829	09-04	100.09	100.09	99.97
CHL UM82	D9	7897830	09-04	100.09	100.09	99.97
CHL UM82	D9	7897831	09-04	100.09	100.09	99.97
CHL UM82	D9	7897832	09-04	100.09	100.09	99.97
CHL UM82	D9	7897833	09-04	100.09	100.09	99.97
CHL UM82	D9	7897834	09-04	100.09	100.09	99.97
CHL UM82	D9	7897835	09-04	100.09	100.09	99.97
CHL UM82	D9	7897836	09-04	100.09	100.09	99.97
CHL UM82	D9	7897837	09-04	100.09	100.09	99.97
CHL UM82	D9	7897838	09-04	100.09	100.09	99.97
CHL UM82	D9	7897839	09-04	100.09	100.09	99.97
CHL UM82	D9	7897840	09-04	100.09	100.09	99.97

MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PF FACTOR
CHL	09	78978827	09-04	04	07	100.48
CHL	09	78978828	09-04	04	07	100.48
CHL	09	78978829	09-04	04	07	100.48
CHL	09	78978830	09-04	04	07	100.48
CHL	09	78978831	09-04	04	07	100.48
CHL	09	78978832	09-04	04	07	100.48
CHL	09	78978833	09-04	04	07	100.48
CHL	09	78978834	09-04	04	07	100.48
CHL	09	78978835	09-04	04	07	100.48
CHL	09	78978836	09-04	04	07	100.48
CHL	09	78978837	09-04	04	07	100.48
CHL	09	78978838	09-04	04	07	100.48
CHL	09	78978839	09-04	04	07	100.48
CHL	09	78978840	09-04	04	07	100.48
CHL	09	78978841	09-04	04	07	100.48
CHL	09	78978842	09-04	04	07	100.48
CHL	09	78978843	09-04	04	07	100.48
CHL	09	78978844	09-04	04	07	100.48
CHL	09	78978845	09-04	04	07	100.48
CHL	09	78978846	09-04	04	07	100.48
CHL	09	78978847	09-04	04	07	100.48
CHL	09	78978848	09-04	04	07	100.48
CHL	09	78978849	09-04	04	07	100.48
CHL	09	78978850	09-04	04	07	100.48
CHL	09	78978851	09-04	04	07	100.48
CHL	09	78978852	09-04	04	07	100.48
CHL	09	78978853	09-04	04	07	100.48
CHL	09	78978854	09-04	04	07	100.48
CHL	09	78978855	09-04	04	07	100.48
CHL	09	78978856	09-04	04	07	100.48
CHL	09	78978857	09-04	04	07	100.48
CHL	09	78978858	09-04	04	07	100.48
CHL	09	78978859	09-04	04	07	100.48
CHL	09	78978860	09-04	04	07	100.48
CHL	09	78978861	09-04	04	07	100.48
CHL	09	78978862	09-04	04	07	100.48
CHL	09	78978863	09-04	04	07	100.48
CHL	09	78978864	09-04	04	07	100.48
CHL	09	78978865	09-04	04	07	100.48
CHL	09	78978866	09-04	04	07	100.48
CHL	09	78978867	09-04	04	07	100.48
CHL	09	78978868	09-04	04	07	100.48
CHL	09	78978869	09-04	04	07	100.48
CHL	09	78978870	09-04	04	07	100.48
CHL	09	78978871	09-04	04	07	100.48
CHL	09	78978872	09-04	04	07	100.48
CHL	09	78978873	09-04	04	07	100.48
CHL	09	78978874	09-04	04	07	100.48
CHL	09	78978875	09-04	04	07	100.48





MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PF FACTOR
SCHLUMBERGER	D9	7899924	02-04	104.02	09.78	100.12
SCHLUMBERGER	D9	7899927	02-04	105.17	105.14	100.16
SCHLUMBERGER	D9	7899928	02-04	099.97	100.19	100.75
SCHLUMBERGER	D9	7899929	02-04	105.01	105.01	100.05
SCHLUMBERGER	D9	7899930	02-04	100.11	09.92	100.10
SCHLUMBERGER	D9	7899931	02-04	099.99	105.14	100.09
SCHLUMBERGER	D9	7899932	02-04	105.00	100.00	100.00
SCHLUMBERGER	D9	7899933	02-04	105.04	100.00	100.00
SCHLUMBERGER	D9	7899934	02-04	105.01	100.00	100.00
SCHLUMBERGER	D9	7899935	02-04	105.04	100.00	100.00
SCHLUMBERGER	D9	7899936	02-04	105.04	100.00	100.00
SCHLUMBERGER	D9	7899937	02-04	105.04	100.00	100.00
SCHLUMBERGER	D9	7899938	02-04	105.04	100.00	100.00
SCHLUMBERGER	D9	7899939	02-04	105.04	100.00	100.00
SCHLUMBERGER	D9	7899940	02-04	105.04	100.00	100.00
SCHLUMBERGER	D9	7899941	02-04	105.04	100.00	100.00
SCHLUMBERGER	D9	7899942	02-04	105.04	100.00	100.00
SCHLUMBERGER	D9	7899943	02-04	105.04	100.00	100.00
SCHLUMBERGER	D9	7899944	02-04	105.04	100.00	100.00
SCHLUMBERGER	D9	7899945	02-04	105.04	100.00	100.00
SCHLUMBERGER	D9	7899946	02-04	105.04	100.00	100.00
SCHLUMBERGER	D9	7899947	02-04	105.04	100.00	100.00
SCHLUMBERGER	D9	7899948	02-04	105.04	100.00	100.00
SCHLUMBERGER	D9	7899949	02-04	105.04	100.00	100.00
SCHLUMBERGER	D9	7899950	02-04	105.04	100.00	100.00
SCHLUMBERGER	D9	7899951	02-04	105.04	100.00	100.00
SCHLUMBERGER	D9	7899952	02-04	105.04	100.00	100.00
SCHLUMBERGER	D9	7899953	02-04	105.04	100.00	100.00
SCHLUMBERGER	D9	7899954	02-04	105.04	100.00	100.00
SCHLUMBERGER	D9	7899955	02-04	105.04	100.00	100.00
SCHLUMBERGER	D9	7899956	02-04	105.04	100.00	100.00
SCHLUMBERGER	D9	7899957	02-04	105.04	100.00	100.00
SCHLUMBERGER	D9	7899958	02-04	105.04	100.00	100.00
SCHLUMBERGER	D9	7899959	02-04	105.04	100.00	100.00
SCHLUMBERGER	D9	7899960	02-04	105.04	100.00	100.00
SCHLUMBERGER	D9	7899961	02-04	105.04	100.00	100.00
SCHLUMBERGER	D9	7899962	02-04	105.04	100.00	100.00
SCHLUMBERGER	D9	7899963	02-04	105.04	100.00	100.00
SCHLUMBERGER	D9	7899964	02-04	105.04	100.00	100.00
SCHLUMBERGER	D9	7899965	02-04	105.04	100.00	100.00
SCHLUMBERGER	D9	7899966	02-04	105.04	100.00	100.00
SCHLUMBERGER	D9	7899967	02-04	105.04	100.00	100.00
SCHLUMBERGER	D9	7899968	02-04	105.04	100.00	100.00
SCHLUMBERGER	D9	7899969	02-04	105.04	100.00	100.00
SCHLUMBERGER	D9	7899970	02-04	105.04	100.00	100.00
SCHLUMBERGER	D9	7899971	02-04	105.04	100.00	100.00
SCHLUMBERGER	D9	7899972	02-04	105.04	100.00	100.00
SCHLUMBERGER	D9	7899973	02-04	105.04	100.00	100.00
SCHLUMBERGER	D9	7899974	02-04	105.04	100.00	100.00
SCHLUMBERGER	D9	7899975	02-04	105.04	100.00	100.00
SCHLUMBERGER	D9	7899976	02-04	105.04	100.00	100.00
SCHLUMBERGER	D9	7899977	02-04	105.04	100.00	100.00
SCHLUMBERGER	D9	7899978	02-04	105.04	100.00	100.00
SCHLUMBERGER	D9	7899979	02-04	105.04	100.00	100.00
SCHLUMBERGER	D9	7899980	02-04	105.04	100.00	100.00
SCHLUMBERGER	D9	7899981	02-04	105.04	100.00	100.00
SCHLUMBERGER	D9	7899982	02-04	105.04	100.00	100.00
SCHLUMBERGER	D9	7899983	02-04	105.04	100.00	100.00
SCHLUMBERGER	D9	7899984	02-04	105.04	100.00	100.00
SCHLUMBERGER	D9	7899985	02-04	105.04	100.00	100.00
SCHLUMBERGER	D9	7899986	02-04	105.04	100.00	100.00
SCHLUMBERGER	D9	7899987	02-04	105.04	100.00	100.00
SCHLUMBERGER	D9	7899988	02-04	105.04	100.00	100.00
SCHLUMBERGER	D9	7899989	02-04	105.04	100.00	100.00
SCHLUMBERGER	D9	7899990	02-04	105.04	100.00	100.00
SCHLUMBERGER	D9	7899991	02-04	105.04	100.00	100.00
SCHLUMBERGER	D9	7899992	02-04	105.04	100.00	100.00
SCHLUMBERGER	D9	7899993	02-04	105.04	100.00	100.00
SCHLUMBERGER	D9	7899994	02-04	105.04	100.00	100.00
SCHLUMBERGER	D9	7899995	02-04	105.04	100.00	100.00
SCHLUMBERGER	D9	7899996	02-04	105.04	100.00	100.00
SCHLUMBERGER	D9	7899997	02-04	105.04	100.00	100.00
SCHLUMBERGER	D9	7899998	02-04	105.04	100.00	100.00
SCHLUMBERGER	D9	7899999	02-04	105.04	100.00	100.00
SCHLUMBERGER	D9	7899999	02-04	105.04	100.00	100.00

MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACITOR
CHL UM8000	D9	7899776	09-04	80.20	09.87	100.00
CHL UM8000	D9	7899777	09-04	105.20	100.04	100.00
CHL UM8000	D9	7899778	09-04	099.74	100.33	100.00
CHL UM8000	D9	7899779	09-04	099.98	100.05	100.00
CHL UM8000	D9	7899780	09-04	100.02	099.75	100.00
CHL UM8000	D9	7899781	09-04	099.73	099.99	100.00
CHL UM8000	D9	7899782	09-04	100.07	099.97	100.00
CHL UM8000	D9	7899783	09-04	099.09	100.04	100.00
CHL UM8000	D9	7899784	09-04	099.77	100.03	100.00
CHL UM8000	D9	7899785	09-04	100.04	099.97	100.00
CHL UM8000	D9	7899786	09-04	099.09	100.04	100.00
CHL UM8000	D9	7899787	09-04	099.73	100.03	100.00
CHL UM8000	D9	7899788	09-04	100.07	099.99	100.00
CHL UM8000	D9	7899789	09-04	099.09	100.04	100.00
CHL UM8000	D9	7899790	09-04	099.77	100.03	100.00
CHL UM8000	D9	7899791	09-04	100.04	099.97	100.00
CHL UM8000	D9	7899792	09-04	099.09	100.04	100.00
CHL UM8000	D9	7899793	09-04	099.73	100.03	100.00
CHL UM8000	D9	7899794	09-04	100.07	099.99	100.00
CHL UM8000	D9	7899795	09-04	099.09	100.04	100.00
CHL UM8000	D9	7899796	09-04	099.77	100.03	100.00
CHL UM8000	D9	7899797	09-04	100.04	099.97	100.00
CHL UM8000	D9	7899798	09-04	099.09	100.04	100.00
CHL UM8000	D9	7899799	09-04	099.73	100.03	100.00
CHL UM8000	D9	7899800	09-04	100.07	099.99	100.00
CHL UM8000	D9	7899801	09-04	099.09	100.04	100.00
CHL UM8000	D9	7899802	09-04	099.77	100.03	100.00
CHL UM8000	D9	7899803	09-04	100.04	099.97	100.00
CHL UM8000	D9	7899804	09-04	099.09	100.04	100.00
CHL UM8000	D9	7899805	09-04	099.73	100.03	100.00
CHL UM8000	D9	7899806	09-04	100.07	099.99	100.00
CHL UM8000	D9	7899807	09-04	099.09	100.04	100.00
CHL UM8000	D9	7899808	09-04	099.77	100.03	100.00
CHL UM8000	D9	7899809	09-04	100.04	099.97	100.00
CHL UM8000	D9	7899810	09-04	099.09	100.04	100.00
CHL UM8000	D9	7899811	09-04	099.73	100.03	100.00
CHL UM8000	D9	7899812	09-04	100.07	099.99	100.00
CHL UM8000	D9	7899813	09-04	099.09	100.04	100.00
CHL UM8000	D9	7899814	09-04	099.77	100.03	100.00
CHL UM8000	D9	7899815	09-04	100.04	099.97	100.00
CHL UM8000	D9	7899816	09-04	099.09	100.04	100.00
CHL UM8000	D9	7899817	09-04	099.73	100.03	100.00
CHL UM8000	D9	7899818	09-04	100.07	099.99	100.00
CHL UM8000	D9	7899819	09-04	099.09	100.04	100.00
CHL UM8000	D9	7899820	09-04	099.77	100.03	100.00
CHL UM8000	D9	7899821	09-04	100.04	099.97	100.00
CHL UM8000	D9	7899822	09-04	099.09	100.04	100.00
CHL UM8000	D9	7899823	09-04	099.73	100.03	100.00
CHL UM8000	D9	7899824	09-04	100.07	099.99	100.00
CHL UM8000	D9	7899825	09-04	099.09	100.04	100.00

CIMS960A

LOUISVILLE GAS & ELECTRIC COMPANY  
METER SUBSYSTEM (MS2)  
NEW METER ADDED LAST YEAR

04/29/2004  
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MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACOR
SCHLUMBERGER	D9	7900236	2003-09-04	822	109.17	099.739
SCHLUMBERGER	D9	7900237	2003-09-04	109.17	109.17	100.000
SCHLUMBERGER	D9	7900238	2003-09-04	109.84	109.84	100.000
SCHLUMBERGER	D9	7900239	2003-09-04	109.84	109.84	100.000
SCHLUMBERGER	D9	7900240	2003-09-04	109.84	109.84	100.000
SCHLUMBERGER	D9	7900241	2003-09-04	109.84	109.84	100.000
SCHLUMBERGER	D9	7900242	2003-09-04	109.84	109.84	100.000
SCHLUMBERGER	D9	7900243	2003-09-04	109.84	109.84	100.000
SCHLUMBERGER	D9	7900244	2003-09-04	109.84	109.84	100.000
SCHLUMBERGER	D9	7900245	2003-09-04	109.84	109.84	100.000
SCHLUMBERGER	D9	7900246	2003-09-04	109.84	109.84	100.000
SCHLUMBERGER	D9	7900247	2003-09-04	109.84	109.84	100.000
SCHLUMBERGER	D9	7900248	2003-09-04	109.84	109.84	100.000
SCHLUMBERGER	D9	7900249	2003-09-04	109.84	109.84	100.000
SCHLUMBERGER	D9	7900250	2003-09-04	109.84	109.84	100.000
SCHLUMBERGER	D9	7900251	2003-09-04	109.84	109.84	100.000
SCHLUMBERGER	D9	7900252	2003-09-04	109.84	109.84	100.000
SCHLUMBERGER	D9	7900253	2003-09-04	109.84	109.84	100.000
SCHLUMBERGER	D9	7900254	2003-09-04	109.84	109.84	100.000
SCHLUMBERGER	D9	7900255	2003-09-04	109.84	109.84	100.000
SCHLUMBERGER	D9	7900256	2003-09-04	109.84	109.84	100.000
SCHLUMBERGER	D9	7900257	2003-09-04	109.84	109.84	100.000
SCHLUMBERGER	D9	7900258	2003-09-04	109.84	109.84	100.000
SCHLUMBERGER	D9	7900259	2003-09-04	109.84	109.84	100.000
SCHLUMBERGER	D9	7900260	2003-09-04	109.84	109.84	100.000
SCHLUMBERGER	D9	7900261	2003-09-04	109.84	109.84	100.000
SCHLUMBERGER	D9	7900262	2003-09-04	109.84	109.84	100.000
SCHLUMBERGER	D9	7900263	2003-09-04	109.84	109.84	100.000
SCHLUMBERGER	D9	7900264	2003-09-04	109.84	109.84	100.000
SCHLUMBERGER	D9	7900265	2003-09-04	109.84	109.84	100.000
SCHLUMBERGER	D9	7900266	2003-09-04	109.84	109.84	100.000
SCHLUMBERGER	D9	7900267	2003-09-04	109.84	109.84	100.000
SCHLUMBERGER	D9	7900268	2003-09-04	109.84	109.84	100.000
SCHLUMBERGER	D9	7900269	2003-09-04	109.84	109.84	100.000
SCHLUMBERGER	D9	7900270	2003-09-04	109.84	109.84	100.000
SCHLUMBERGER	D9	7900271	2003-09-04	109.84	109.84	100.000
SCHLUMBERGER	D9	7900272	2003-09-04	109.84	109.84	100.000
SCHLUMBERGER	D9	7900273	2003-09-04	109.84	109.84	100.000
SCHLUMBERGER	D9	7900274	2003-09-04	109.84	109.84	100.000
SCHLUMBERGER	D9	7900275	2003-09-04	109.84	109.84	100.000



MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACOR
CHL	UM8	7901236	09-04	99.99	109.99	099.7
CHL	UM8	7901237	09-04	99.99	109.99	100.10
CHL	UM8	7901238	09-04	105.72	109.99	100.72
CHL	UM8	7901239	09-04	99.99	109.99	100.04
CHL	UM8	7901240	09-04	99.99	109.99	100.04
CHL	UM8	7901241	09-04	99.99	109.99	100.04
CHL	UM8	7901242	09-04	99.99	109.99	100.04
CHL	UM8	7901243	09-04	99.99	109.99	100.04
CHL	UM8	7901244	09-04	99.99	109.99	100.04
CHL	UM8	7901245	09-04	99.99	109.99	100.04
CHL	UM8	7901246	09-04	99.99	109.99	100.04
CHL	UM8	7901247	09-04	99.99	109.99	100.04
CHL	UM8	7901248	09-04	99.99	109.99	100.04
CHL	UM8	7901249	09-04	99.99	109.99	100.04
CHL	UM8	7901250	09-04	99.99	109.99	100.04
CHL	UM8	7901251	09-04	99.99	109.99	100.04
CHL	UM8	7901252	09-04	99.99	109.99	100.04
CHL	UM8	7901253	09-04	99.99	109.99	100.04
CHL	UM8	7901254	09-04	99.99	109.99	100.04
CHL	UM8	7901255	09-04	99.99	109.99	100.04
CHL	UM8	7901256	09-04	99.99	109.99	100.04
CHL	UM8	7901257	09-04	99.99	109.99	100.04
CHL	UM8	7901258	09-04	99.99	109.99	100.04
CHL	UM8	7901259	09-04	99.99	109.99	100.04
CHL	UM8	7901260	09-04	99.99	109.99	100.04
CHL	UM8	7901261	09-04	99.99	109.99	100.04
CHL	UM8	7901262	09-04	99.99	109.99	100.04
CHL	UM8	7901263	09-04	99.99	109.99	100.04
CHL	UM8	7901264	09-04	99.99	109.99	100.04
CHL	UM8	7901265	09-04	99.99	109.99	100.04
CHL	UM8	7901266	09-04	99.99	109.99	100.04
CHL	UM8	7901267	09-04	99.99	109.99	100.04
CHL	UM8	7901268	09-04	99.99	109.99	100.04
CHL	UM8	7901269	09-04	99.99	109.99	100.04
CHL	UM8	7901270	09-04	99.99	109.99	100.04
CHL	UM8	7901271	09-04	99.99	109.99	100.04
CHL	UM8	7901272	09-04	99.99	109.99	100.04
CHL	UM8	7901273	09-04	99.99	109.99	100.04
CHL	UM8	7901274	09-04	99.99	109.99	100.04
CHL	UM8	7901275	09-04	99.99	109.99	100.04
CHL	UM8	7901276	09-04	99.99	109.99	100.04
CHL	UM8	7901277	09-04	99.99	109.99	100.04
CHL	UM8	7901278	09-04	99.99	109.99	100.04
CHL	UM8	7901279	09-04	99.99	109.99	100.04
CHL	UM8	7901280	09-04	99.99	109.99	100.04
CHL	UM8	7901281	09-04	99.99	109.99	100.04
CHL	UM8	7901282	09-04	99.99	109.99	100.04
CHL	UM8	7901283	09-04	99.99	109.99	100.04
CHL	UM8	7901284	09-04	99.99	109.99	100.04
CHL	UM8	7901285	09-04	99.99	109.99	100.04
CHL	UM8	7901286	09-04	99.99	109.99	100.04
CHL	UM8	7901287	09-04	99.99	109.99	100.04
CHL	UM8	7901288	09-04	99.99	109.99	100.04
CHL	UM8	7901289	09-04	99.99	109.99	100.04
CHL	UM8	7901290	09-04	99.99	109.99	100.04
CHL	UM8	7901291	09-04	99.99	109.99	100.04
CHL	UM8	7901292	09-04	99.99	109.99	100.04
CHL	UM8	7901293	09-04	99.99	109.99	100.04
CHL	UM8	7901294	09-04	99.99	109.99	100.04
CHL	UM8	7901295	09-04	99.99	109.99	100.04
CHL	UM8	7901296	09-04	99.99	109.99	100.04
CHL	UM8	7901297	09-04	99.99	109.99	100.04
CHL	UM8	7901298	09-04	99.99	109.99	100.04
CHL	UM8	7901299	09-04	99.99	109.99	100.04
CHL	UM8	7901300	09-04	99.99	109.99	100.04

MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PF FACTOR
SCHLUMBERGER	D9	790175	09-04	88	100.03	100.19
SCHLUMBERGER	D9	790177	09-04	100.18	109.43	100.22
SCHLUMBERGER	D9	790178	09-04	99.82	100.07	99.83
SCHLUMBERGER	D9	790179	09-04	99.74	100.24	100.43
SCHLUMBERGER	D9	790180	09-04	99.88	100.43	100.43
SCHLUMBERGER	D9	790181	09-04	99.88	100.43	100.43
SCHLUMBERGER	D9	790182	09-04	99.88	100.43	99.73
SCHLUMBERGER	D9	790183	09-04	99.88	100.43	99.88
SCHLUMBERGER	D9	790184	09-04	99.88	100.43	100.43
SCHLUMBERGER	D9	790185	09-04	99.88	100.43	100.43
SCHLUMBERGER	D9	790186	09-04	99.88	100.43	100.43
SCHLUMBERGER	D9	790187	09-04	99.88	100.43	100.43
SCHLUMBERGER	D9	790188	09-04	99.88	100.43	100.43
SCHLUMBERGER	D9	790189	09-04	99.88	100.43	100.43
SCHLUMBERGER	D9	790190	09-04	99.88	100.43	100.43
SCHLUMBERGER	D9	790191	09-04	99.88	100.43	100.43
SCHLUMBERGER	D9	790192	09-04	99.88	100.43	100.43
SCHLUMBERGER	D9	790193	09-04	99.88	100.43	100.43
SCHLUMBERGER	D9	790194	09-04	99.88	100.43	100.43
SCHLUMBERGER	D9	790195	09-04	99.88	100.43	100.43
SCHLUMBERGER	D9	790196	09-04	99.88	100.43	100.43
SCHLUMBERGER	D9	790197	09-04	99.88	100.43	100.43
SCHLUMBERGER	D9	790198	09-04	99.88	100.43	100.43
SCHLUMBERGER	D9	790199	09-04	99.88	100.43	100.43
SCHLUMBERGER	D9	790200	09-04	99.88	100.43	100.43
SCHLUMBERGER	D9	790201	09-04	99.88	100.43	100.43
SCHLUMBERGER	D9	790202	09-04	99.88	100.43	100.43
SCHLUMBERGER	D9	790203	09-04	99.88	100.43	100.43
SCHLUMBERGER	D9	790204	09-04	99.88	100.43	100.43
SCHLUMBERGER	D9	790205	09-04	99.88	100.43	100.43
SCHLUMBERGER	D9	790206	09-04	99.88	100.43	100.43
SCHLUMBERGER	D9	790207	09-04	99.88	100.43	100.43
SCHLUMBERGER	D9	790208	09-04	99.88	100.43	100.43
SCHLUMBERGER	D9	790209	09-04	99.88	100.43	100.43
SCHLUMBERGER	D9	790210	09-04	99.88	100.43	100.43
SCHLUMBERGER	D9	790211	09-04	99.88	100.43	100.43
SCHLUMBERGER	D9	790212	09-04	99.88	100.43	100.43
SCHLUMBERGER	D9	790213	09-04	99.88	100.43	100.43
SCHLUMBERGER	D9	790214	09-04	99.88	100.43	100.43
SCHLUMBERGER	D9	790215	09-04	99.88	100.43	100.43
SCHLUMBERGER	D9	790216	09-04	99.88	100.43	100.43
SCHLUMBERGER	D9	790217	09-04	99.88	100.43	100.43
SCHLUMBERGER	D9	790218	09-04	99.88	100.43	100.43
SCHLUMBERGER	D9	790219	09-04	99.88	100.43	100.43
SCHLUMBERGER	D9	790220	09-04	99.88	100.43	100.43
SCHLUMBERGER	D9	790221	09-04	99.88	100.43	100.43
SCHLUMBERGER	D9	790222	09-04	99.88	100.43	100.43
SCHLUMBERGER	D9	790223	09-04	99.88	100.43	100.43
SCHLUMBERGER	D9	790224	09-04	99.88	100.43	100.43
SCHLUMBERGER	D9	790225	09-04	99.88	100.43	100.43
SCHLUMBERGER	D9	790226	09-04	99.88	100.43	100.43
SCHLUMBERGER	D9	790227	09-04	99.88	100.43	100.43
SCHLUMBERGER	D9	790228	09-04	99.88	100.43	100.43
SCHLUMBERGER	D9	790229	09-04	99.88	100.43	100.43
SCHLUMBERGER	D9	790230	09-04	99.88	100.43	100.43









MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACTOR
CHL	UM60	790376	2003-09-04	108.0	97.9	0.91
CHL	UM60	790377	2003-09-04	108.0	97.9	0.91
CHL	UM60	790378	2003-09-04	108.0	97.9	0.91
CHL	UM60	790379	2003-09-04	108.0	97.9	0.91
CHL	UM60	790380	2003-09-04	108.0	97.9	0.91
CHL	UM60	790381	2003-09-04	108.0	97.9	0.91
CHL	UM60	790382	2003-09-04	108.0	97.9	0.91
CHL	UM60	790383	2003-09-04	108.0	97.9	0.91
CHL	UM60	790384	2003-09-04	108.0	97.9	0.91
CHL	UM60	790385	2003-09-04	108.0	97.9	0.91
CHL	UM60	790386	2003-09-04	108.0	97.9	0.91
CHL	UM60	790387	2003-09-04	108.0	97.9	0.91
CHL	UM60	790388	2003-09-04	108.0	97.9	0.91
CHL	UM60	790389	2003-09-04	108.0	97.9	0.91
CHL	UM60	790390	2003-09-04	108.0	97.9	0.91
CHL	UM60	790391	2003-09-04	108.0	97.9	0.91
CHL	UM60	790392	2003-09-04	108.0	97.9	0.91
CHL	UM60	790393	2003-09-04	108.0	97.9	0.91
CHL	UM60	790394	2003-09-04	108.0	97.9	0.91
CHL	UM60	790395	2003-09-04	108.0	97.9	0.91
CHL	UM60	790396	2003-09-04	108.0	97.9	0.91
CHL	UM60	790397	2003-09-04	108.0	97.9	0.91
CHL	UM60	790398	2003-09-04	108.0	97.9	0.91
CHL	UM60	790399	2003-09-04	108.0	97.9	0.91
CHL	UM60	790400	2003-09-04	108.0	97.9	0.91
CHL	UM60	790399	2003-09-04	108.0	97.9	0.91
CHL	UM60	790401	2003-09-04	108.0	97.9	0.91
CHL	UM60	790402	2003-09-04	108.0	97.9	0.91
CHL	UM60	790403	2003-09-04	108.0	97.9	0.91
CHL	UM60	790404	2003-09-04	108.0	97.9	0.91
CHL	UM60	790405	2003-09-04	108.0	97.9	0.91
CHL	UM60	790406	2003-09-04	108.0	97.9	0.91
CHL	UM60	790407	2003-09-04	108.0	97.9	0.91
CHL	UM60	790408	2003-09-04	108.0	97.9	0.91
CHL	UM60	790409	2003-09-04	108.0	97.9	0.91
CHL	UM60	790410	2003-09-04	108.0	97.9	0.91
CHL	UM60	790411	2003-09-04	108.0	97.9	0.91
CHL	UM60	790412	2003-09-04	108.0	97.9	0.91
CHL	UM60	790413	2003-09-04	108.0	97.9	0.91
CHL	UM60	790414	2003-09-04	108.0	97.9	0.91
CHL	UM60	790415	2003-09-04	108.0	97.9	0.91
CHL	UM60	790416	2003-09-04	108.0	97.9	0.91
CHL	UM60	790417	2003-09-04	108.0	97.9	0.91
CHL	UM60	790418	2003-09-04	108.0	97.9	0.91
CHL	UM60	790419	2003-09-04	108.0	97.9	0.91
CHL	UM60	790420	2003-09-04	108.0	97.9	0.91
CHL	UM60	790421	2003-09-04	108.0	97.9	0.91
CHL	UM60	790422	2003-09-04	108.0	97.9	0.91
CHL	UM60	790423	2003-09-04	108.0	97.9	0.91
CHL	UM60	790424	2003-09-04	108.0	97.9	0.91
CHL	UM60	790425	2003-09-04	108.0	97.9	0.91

MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACOR
CHLIMBEE	D9	790424	2003-09-04	109.09	100.03	099.47
CHLIMBEE	D9	790427	2003-09-04	109.71	100.09	099.47
CHLIMBEE	D9	790428	2003-09-04	108.05	100.25	099.48
CHLIMBEE	D9	790429	2003-09-04	106.00	100.40	100.04
CHLIMBEE	D9	790430	2003-09-04	104.04	100.14	100.11
CHLIMBEE	D9	790431	2003-09-04	109.10	099.03	100.13
CHLIMBEE	D9	790432	2003-09-04	105.09	099.90	100.78
CHLIMBEE	D9	790433	2003-09-04	109.30	099.02	100.03
CHLIMBEE	D9	790434	2003-09-04	109.30	099.77	100.03
CHLIMBEE	D9	790435	2003-09-04	109.15	100.05	099.40
CHLIMBEE	D9	790436	2003-09-04	109.15	100.05	099.40
CHLIMBEE	D9	790437	2003-09-04	109.15	100.05	099.40
CHLIMBEE	D9	790438	2003-09-04	109.15	100.05	099.40
CHLIMBEE	D9	790439	2003-09-04	109.15	100.05	099.40
CHLIMBEE	D9	790440	2003-09-04	109.15	100.05	099.40
CHLIMBEE	D9	790441	2003-09-04	109.15	100.05	099.40
CHLIMBEE	D9	790442	2003-09-04	109.15	100.05	099.40
CHLIMBEE	D9	790443	2003-09-04	109.15	100.05	099.40
CHLIMBEE	D9	790444	2003-09-04	109.15	100.05	099.40
CHLIMBEE	D9	790445	2003-09-04	109.15	100.05	099.40
CHLIMBEE	D9	790446	2003-09-04	109.15	100.05	099.40
CHLIMBEE	D9	790447	2003-09-04	109.15	100.05	099.40
CHLIMBEE	D9	790448	2003-09-04	109.15	100.05	099.40
CHLIMBEE	D9	790449	2003-09-04	109.15	100.05	099.40
CHLIMBEE	D9	790450	2003-09-04	109.15	100.05	099.40
CHLIMBEE	D9	790451	2003-09-04	109.15	100.05	099.40
CHLIMBEE	D9	790452	2003-09-04	109.15	100.05	099.40
CHLIMBEE	D9	790453	2003-09-04	109.15	100.05	099.40
CHLIMBEE	D9	790454	2003-09-04	109.15	100.05	099.40
CHLIMBEE	D9	790455	2003-09-04	109.15	100.05	099.40
CHLIMBEE	D9	790456	2003-09-04	109.15	100.05	099.40
CHLIMBEE	D9	790457	2003-09-04	109.15	100.05	099.40
CHLIMBEE	D9	790458	2003-09-04	109.15	100.05	099.40
CHLIMBEE	D9	790459	2003-09-04	109.15	100.05	099.40
CHLIMBEE	D9	790460	2003-09-04	109.15	100.05	099.40
CHLIMBEE	D9	790461	2003-09-04	109.15	100.05	099.40
CHLIMBEE	D9	790462	2003-09-04	109.15	100.05	099.40
CHLIMBEE	D9	790463	2003-09-04	109.15	100.05	099.40
CHLIMBEE	D9	790464	2003-09-04	109.15	100.05	099.40
CHLIMBEE	D9	790465	2003-09-04	109.15	100.05	099.40
CHLIMBEE	D9	790466	2003-09-04	109.15	100.05	099.40
CHLIMBEE	D9	790467	2003-09-04	109.15	100.05	099.40
CHLIMBEE	D9	790468	2003-09-04	109.15	100.05	099.40
CHLIMBEE	D9	790469	2003-09-04	109.15	100.05	099.40
CHLIMBEE	D9	790470	2003-09-04	109.15	100.05	099.40
CHLIMBEE	D9	790471	2003-09-04	109.15	100.05	099.40
CHLIMBEE	D9	790472	2003-09-04	109.15	100.05	099.40
CHLIMBEE	D9	790473	2003-09-04	109.15	100.05	099.40
CHLIMBEE	D9	790474	2003-09-04	109.15	100.05	099.40
CHLIMBEE	D9	790475	2003-09-04	109.15	100.05	099.40







MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACOR
CHL	UMS	7906226	07-04	100.00	100.14	100.00
CHL	UMS	7906227	07-04	100.00	100.14	100.00
CHL	UMS	7906228	07-04	100.00	100.14	100.00
CHL	UMS	7906229	07-04	100.00	100.14	100.00
CHL	UMS	7906230	07-04	100.00	100.14	100.00
CHL	UMS	7906231	07-04	100.00	100.14	100.00
CHL	UMS	7906232	07-04	100.00	100.14	100.00
CHL	UMS	7906233	07-04	100.00	100.14	100.00
CHL	UMS	7906234	07-04	100.00	100.14	100.00
CHL	UMS	7906235	07-04	100.00	100.14	100.00
CHL	UMS	7906236	07-04	100.00	100.14	100.00
CHL	UMS	7906237	07-04	100.00	100.14	100.00
CHL	UMS	7906238	07-04	100.00	100.14	100.00
CHL	UMS	7906239	07-04	100.00	100.14	100.00
CHL	UMS	7906240	07-04	100.00	100.14	100.00
CHL	UMS	7906241	07-04	100.00	100.14	100.00
CHL	UMS	7906242	07-04	100.00	100.14	100.00
CHL	UMS	7906243	07-04	100.00	100.14	100.00
CHL	UMS	7906244	07-04	100.00	100.14	100.00
CHL	UMS	7906245	07-04	100.00	100.14	100.00
CHL	UMS	7906246	07-04	100.00	100.14	100.00
CHL	UMS	7906247	07-04	100.00	100.14	100.00
CHL	UMS	7906248	07-04	100.00	100.14	100.00
CHL	UMS	7906249	07-04	100.00	100.14	100.00
CHL	UMS	7906250	07-04	100.00	100.14	100.00
CHL	UMS	7906251	07-04	100.00	100.14	100.00
CHL	UMS	7906252	07-04	100.00	100.14	100.00
CHL	UMS	7906253	07-04	100.00	100.14	100.00
CHL	UMS	7906254	07-04	100.00	100.14	100.00
CHL	UMS	7906255	07-04	100.00	100.14	100.00
CHL	UMS	7906256	07-04	100.00	100.14	100.00
CHL	UMS	7906257	07-04	100.00	100.14	100.00
CHL	UMS	7906258	07-04	100.00	100.14	100.00
CHL	UMS	7906259	07-04	100.00	100.14	100.00
CHL	UMS	7906260	07-04	100.00	100.14	100.00
CHL	UMS	7906261	07-04	100.00	100.14	100.00
CHL	UMS	7906262	07-04	100.00	100.14	100.00
CHL	UMS	7906263	07-04	100.00	100.14	100.00
CHL	UMS	7906264	07-04	100.00	100.14	100.00
CHL	UMS	7906265	07-04	100.00	100.14	100.00
CHL	UMS	7906266	07-04	100.00	100.14	100.00
CHL	UMS	7906267	07-04	100.00	100.14	100.00
CHL	UMS	7906268	07-04	100.00	100.14	100.00
CHL	UMS	7906269	07-04	100.00	100.14	100.00
CHL	UMS	7906270	07-04	100.00	100.14	100.00
CHL	UMS	7906271	07-04	100.00	100.14	100.00
CHL	UMS	7906272	07-04	100.00	100.14	100.00
CHL	UMS	7906273	07-04	100.00	100.14	100.00
CHL	UMS	7906274	07-04	100.00	100.14	100.00
CHL	UMS	7906275	07-04	100.00	100.14	100.00

MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PF FACTOR
CHL	UMS	7906776	09-04	97.06	100.37	99.66
CHL	UMS	7906777	09-04	100.03	100.37	100.43
CHL	UMS	7906778	09-04	100.06	100.37	100.15
CHL	UMS	7906779	09-04	100.07	100.37	100.14
CHL	UMS	7906800	09-04	100.01	100.37	100.14
CHL	UMS	7906801	09-04	100.04	100.37	100.14
CHL	UMS	7906802	09-04	100.01	100.37	100.14
CHL	UMS	7906803	09-04	100.01	100.37	100.14
CHL	UMS	7906804	09-04	100.01	100.37	100.14
CHL	UMS	7906805	09-04	100.01	100.37	100.14
CHL	UMS	7906806	09-04	100.01	100.37	100.14
CHL	UMS	7906807	09-04	100.01	100.37	100.14
CHL	UMS	7906808	09-04	100.01	100.37	100.14
CHL	UMS	7906809	09-04	100.01	100.37	100.14
CHL	UMS	7906810	09-04	100.01	100.37	100.14
CHL	UMS	7906811	09-04	100.01	100.37	100.14
CHL	UMS	7906812	09-04	100.01	100.37	100.14
CHL	UMS	7906813	09-04	100.01	100.37	100.14
CHL	UMS	7906814	09-04	100.01	100.37	100.14
CHL	UMS	7906815	09-04	100.01	100.37	100.14
CHL	UMS	7906816	09-04	100.01	100.37	100.14
CHL	UMS	7906817	09-04	100.01	100.37	100.14
CHL	UMS	7906818	09-04	100.01	100.37	100.14
CHL	UMS	7906819	09-04	100.01	100.37	100.14
CHL	UMS	7906820	09-04	100.01	100.37	100.14
CHL	UMS	7906821	09-04	100.01	100.37	100.14
CHL	UMS	7906822	09-04	100.01	100.37	100.14
CHL	UMS	7906823	09-04	100.01	100.37	100.14
CHL	UMS	7906824	09-04	100.01	100.37	100.14
CHL	UMS	7906825	09-04	100.01	100.37	100.14



MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACOR
SCHLUMBERGER	D9	7907226	2003-09-04	097.79	099.72	099.80
SCHLUMBERGER	D9	7907227	2003-09-04	100.04	099.84	099.87
SCHLUMBERGER	D9	7907228	2003-09-04	097.85	100.04	097.84
SCHLUMBERGER	D9	7907229	2003-09-04	099.99	100.10	099.80
SCHLUMBERGER	D9	7907230	2003-09-04	099.93	100.03	099.84
SCHLUMBERGER	D9	7907231	2003-09-04	099.70	100.03	099.40
SCHLUMBERGER	D9	7907232	2003-09-04	100.01	100.03	100.00
SCHLUMBERGER	D9	7907233	2003-09-04	099.87	100.01	099.90
SCHLUMBERGER	D9	7907234	2003-09-04	099.93	100.04	099.90
SCHLUMBERGER	D9	7907235	2003-09-04	099.93	100.04	099.90
SCHLUMBERGER	D9	7907236	2003-09-04	099.93	100.04	099.90
SCHLUMBERGER	D9	7907237	2003-09-04	099.93	100.04	099.90
SCHLUMBERGER	D9	7907238	2003-09-04	099.93	100.04	099.90
SCHLUMBERGER	D9	7907239	2003-09-04	099.93	100.04	099.90
SCHLUMBERGER	D9	7907240	2003-09-04	099.93	100.04	099.90
SCHLUMBERGER	D9	7907241	2003-09-04	100.02	100.04	100.00
SCHLUMBERGER	D9	7907242	2003-09-04	100.02	100.04	100.00
SCHLUMBERGER	D9	7907243	2003-09-04	100.02	100.04	100.00
SCHLUMBERGER	D9	7907244	2003-09-04	100.02	100.04	100.00
SCHLUMBERGER	D9	7907245	2003-09-04	100.02	100.04	100.00
SCHLUMBERGER	D9	7907246	2003-09-04	100.02	100.04	100.00
SCHLUMBERGER	D9	7907247	2003-09-04	100.02	100.04	100.00
SCHLUMBERGER	D9	7907248	2003-09-04	100.02	100.04	100.00
SCHLUMBERGER	D9	7907249	2003-09-04	100.02	100.04	100.00
SCHLUMBERGER	D9	7907250	2003-09-04	099.95	099.77	099.80
SCHLUMBERGER	D9	7907251	2003-09-04	099.95	099.77	099.80
SCHLUMBERGER	D9	7907252	2003-09-04	099.95	099.77	099.80
SCHLUMBERGER	D9	7907253	2003-09-04	099.95	099.77	099.80
SCHLUMBERGER	D9	7907254	2003-09-04	099.95	099.77	099.80
SCHLUMBERGER	D9	7907255	2003-09-04	099.95	099.77	099.80
SCHLUMBERGER	D9	7907256	2003-09-04	099.95	099.77	099.80
SCHLUMBERGER	D9	7907257	2003-09-04	099.95	099.77	099.80
SCHLUMBERGER	D9	7907258	2003-09-04	099.95	099.77	099.80
SCHLUMBERGER	D9	7907259	2003-09-04	099.95	099.77	099.80
SCHLUMBERGER	D9	7907260	2003-09-04	099.95	099.77	099.80
SCHLUMBERGER	D9	7907261	2003-09-04	099.95	099.77	099.80
SCHLUMBERGER	D9	7907262	2003-09-04	099.95	099.77	099.80
SCHLUMBERGER	D9	7907263	2003-09-04	099.95	099.77	099.80
SCHLUMBERGER	D9	7907264	2003-09-04	099.95	099.77	099.80
SCHLUMBERGER	D9	7907265	2003-09-04	099.95	099.77	099.80
SCHLUMBERGER	D9	7907266	2003-09-04	099.95	099.77	099.80
SCHLUMBERGER	D9	7907267	2003-09-04	099.95	099.77	099.80
SCHLUMBERGER	D9	7907268	2003-09-04	099.95	099.77	099.80
SCHLUMBERGER	D9	7907269	2003-09-04	099.95	099.77	099.80
SCHLUMBERGER	D9	7907270	2003-09-04	099.95	099.77	099.80
SCHLUMBERGER	D9	7907271	2003-09-04	099.95	099.77	099.80
SCHLUMBERGER	D9	7907272	2003-09-04	099.95	099.77	099.80
SCHLUMBERGER	D9	7907273	2003-09-04	099.95	099.77	099.80
SCHLUMBERGER	D9	7907274	2003-09-04	099.95	099.77	099.80
SCHLUMBERGER	D9	7907275	2003-09-04	099.95	099.77	099.80

MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PF FACTOR
SCHLUMBERGER	D9	790776	2003-09-04	099.92	100.17	100.36
SCHLUMBERGER	D9	790777	2003-09-04	099.92	099.94	099.77
SCHLUMBERGER	D9	790778	2003-09-04	099.71	099.85	099.94
SCHLUMBERGER	D9	790779	2003-09-04	100.82	100.80	100.23
SCHLUMBERGER	D9	790780	2003-09-04	099.83	099.77	099.71
SCHLUMBERGER	D9	790781	2003-09-04	099.83	100.04	100.23
SCHLUMBERGER	D9	790782	2003-09-04	100.09	100.44	100.14
SCHLUMBERGER	D9	790783	2003-09-04	100.14	100.24	100.07
SCHLUMBERGER	D9	790784	2003-09-04	099.42	099.04	099.42
SCHLUMBERGER	D9	790785	2003-09-04	100.14	100.14	099.41
SCHLUMBERGER	D9	790786	2003-09-04	099.94	099.45	099.43
SCHLUMBERGER	D9	790787	2003-09-04	099.74	100.05	100.43
SCHLUMBERGER	D9	790788	2003-09-04	099.74	099.41	100.44
SCHLUMBERGER	D9	790789	2003-09-04	100.15	099.75	100.44
SCHLUMBERGER	D9	790790	2003-09-04	099.83	099.94	100.26
SCHLUMBERGER	D9	790791	2003-09-04	100.14	099.94	100.26
SCHLUMBERGER	D9	790792	2003-09-04	100.14	100.49	100.20
SCHLUMBERGER	D9	790793	2003-09-04	100.14	100.49	100.42
SCHLUMBERGER	D9	790794	2003-09-04	100.14	100.49	100.26
SCHLUMBERGER	D9	790795	2003-09-04	100.14	100.49	100.26
SCHLUMBERGER	D9	790796	2003-09-04	100.14	100.49	100.26
SCHLUMBERGER	D9	790797	2003-09-04	100.14	100.49	100.26
SCHLUMBERGER	D9	790798	2003-09-04	100.14	100.49	100.26
SCHLUMBERGER	D9	790799	2003-09-04	100.14	100.49	100.26
SCHLUMBERGER	D9	790800	2003-09-04	100.14	100.49	100.26
SCHLUMBERGER	D9	790801	2003-09-04	100.14	100.49	100.26
SCHLUMBERGER	D9	790802	2003-09-04	100.14	100.49	100.26
SCHLUMBERGER	D9	790803	2003-09-04	100.14	100.49	100.26
SCHLUMBERGER	D9	790804	2003-09-04	100.14	100.49	100.26
SCHLUMBERGER	D9	790805	2003-09-04	100.14	100.49	100.26
SCHLUMBERGER	D9	790806	2003-09-04	100.14	100.49	100.26
SCHLUMBERGER	D9	790807	2003-09-04	100.14	100.49	100.26
SCHLUMBERGER	D9	790808	2003-09-04	100.14	100.49	100.26
SCHLUMBERGER	D9	790809	2003-09-04	100.14	100.49	100.26
SCHLUMBERGER	D9	790810	2003-09-04	100.14	100.49	100.26
SCHLUMBERGER	D9	790811	2003-09-04	100.14	100.49	100.26
SCHLUMBERGER	D9	790812	2003-09-04	100.14	100.49	100.26
SCHLUMBERGER	D9	790813	2003-09-04	100.14	100.49	100.26
SCHLUMBERGER	D9	790814	2003-09-04	100.14	100.49	100.26
SCHLUMBERGER	D9	790815	2003-09-04	100.14	100.49	100.26
SCHLUMBERGER	D9	790816	2003-09-04	100.14	100.49	100.26
SCHLUMBERGER	D9	790817	2003-09-04	100.14	100.49	100.26
SCHLUMBERGER	D9	790818	2003-09-04	100.14	100.49	100.26
SCHLUMBERGER	D9	790819	2003-09-04	100.14	100.49	100.26
SCHLUMBERGER	D9	790820	2003-09-04	100.14	100.49	100.26
SCHLUMBERGER	D9	790821	2003-09-04	100.14	100.49	100.26
SCHLUMBERGER	D9	790822	2003-09-04	100.14	100.49	100.26
SCHLUMBERGER	D9	790823	2003-09-04	100.14	100.49	100.26
SCHLUMBERGER	D9	790824	2003-09-04	100.14	100.49	100.26
SCHLUMBERGER	D9	790825	2003-09-04	100.14	100.49	100.26



LOUISVILLE GAS & ELECTRIC COMPANY  
METER SUBSYSTEM (MS5)  
NEW METERS ADDED LAST YEAR

MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PF FACTOR
CHLUMES	D9	790876	03-07-04	04	328	87
CHLUMES	D9	790877	03-07-04	76	328	97
CHLUMES	D9	790878	03-07-04	76	328	97
CHLUMES	D9	790879	03-07-04	72	328	97
CHLUMES	D9	790880	03-07-04	19	328	97
CHLUMES	D9	790881	03-07-04	82	328	97
CHLUMES	D9	790882	03-07-04	82	328	97
CHLUMES	D9	790883	03-07-04	82	328	97
CHLUMES	D9	790884	03-07-04	82	328	97
CHLUMES	D9	790885	03-07-04	82	328	97
CHLUMES	D9	790886	03-07-04	82	328	97
CHLUMES	D9	790887	03-07-04	82	328	97
CHLUMES	D9	790888	03-07-04	82	328	97
CHLUMES	D9	790889	03-07-04	82	328	97
CHLUMES	D9	790890	03-07-04	82	328	97
CHLUMES	D9	790891	03-07-04	82	328	97
CHLUMES	D9	790892	03-07-04	82	328	97
CHLUMES	D9	790893	03-07-04	82	328	97
CHLUMES	D9	790894	03-07-04	82	328	97
CHLUMES	D9	790895	03-07-04	82	328	97
CHLUMES	D9	790896	03-07-04	82	328	97
CHLUMES	D9	790897	03-07-04	82	328	97
CHLUMES	D9	790898	03-07-04	82	328	97
CHLUMES	D9	790899	03-07-04	82	328	97
CHLUMES	D9	790900	03-07-04	82	328	97
CHLUMES	D9	790901	03-07-04	82	328	97
CHLUMES	D9	790902	03-07-04	82	328	97
CHLUMES	D9	790903	03-07-04	82	328	97
CHLUMES	D9	790904	03-07-04	82	328	97
CHLUMES	D9	790905	03-07-04	82	328	97
CHLUMES	D9	790906	03-07-04	82	328	97
CHLUMES	D9	790907	03-07-04	82	328	97
CHLUMES	D9	790908	03-07-04	82	328	97
CHLUMES	D9	790909	03-07-04	82	328	97
CHLUMES	D9	790910	03-07-04	82	328	97
CHLUMES	D9	790911	03-07-04	82	328	97
CHLUMES	D9	790912	03-07-04	82	328	97
CHLUMES	D9	790913	03-07-04	82	328	97
CHLUMES	D9	790914	03-07-04	82	328	97
CHLUMES	D9	790915	03-07-04	82	328	97
CHLUMES	D9	790916	03-07-04	82	328	97
CHLUMES	D9	790917	03-07-04	82	328	97
CHLUMES	D9	790918	03-07-04	82	328	97
CHLUMES	D9	790919	03-07-04	82	328	97
CHLUMES	D9	790920	03-07-04	82	328	97
CHLUMES	D9	790921	03-07-04	82	328	97
CHLUMES	D9	790922	03-07-04	82	328	97
CHLUMES	D9	790923	03-07-04	82	328	97
CHLUMES	D9	790924	03-07-04	82	328	97
CHLUMES	D9	790925	03-07-04	82	328	97

MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PF FACTOR
3000	000	7909225	2003-09-04	099.88	100.04	099.90
3000	000	7909227	2003-09-04	100.94	100.11	099.92
3000	000	7909229	2003-09-04	099.97	100.14	099.92
3000	000	7909230	2003-09-04	106.17	100.97	099.97
3000	000	7909231	2003-09-04	099.84	100.97	099.93
3000	000	7909232	2003-09-04	106.11	100.97	099.94
3000	000	7909233	2003-09-04	099.92	100.97	099.94
3000	000	7909234	2003-09-04	099.91	100.97	099.94
3000	000	7909235	2003-09-04	099.91	100.97	099.94
3000	000	7909236	2003-09-04	099.91	100.97	099.94
3000	000	7909237	2003-09-04	099.91	100.97	099.94
3000	000	7909238	2003-09-04	099.91	100.97	099.94
3000	000	7909239	2003-09-04	099.91	100.97	099.94
3000	000	7909240	2003-09-04	099.91	100.97	099.94
3000	000	7909241	2003-09-04	099.91	100.97	099.94
3000	000	7909242	2003-09-04	099.91	100.97	099.94
3000	000	7909243	2003-09-04	099.91	100.97	099.94
3000	000	7909244	2003-09-04	099.91	100.97	099.94
3000	000	7909245	2003-09-04	099.91	100.97	099.94
3000	000	7909246	2003-09-04	099.91	100.97	099.94
3000	000	7909247	2003-09-04	099.91	100.97	099.94
3000	000	7909248	2003-09-04	099.91	100.97	099.94
3000	000	7909249	2003-09-04	099.91	100.97	099.94
3000	000	7909250	2003-09-04	099.91	100.97	099.94
3000	000	7909251	2003-09-04	099.91	100.97	099.94
3000	000	7909252	2003-09-04	099.91	100.97	099.94
3000	000	7909253	2003-09-04	099.91	100.97	099.94
3000	000	7909254	2003-09-04	099.91	100.97	099.94
3000	000	7909255	2003-09-04	099.91	100.97	099.94
3000	000	7909256	2003-09-04	099.91	100.97	099.94
3000	000	7909257	2003-09-04	099.91	100.97	099.94
3000	000	7909258	2003-09-04	099.91	100.97	099.94
3000	000	7909259	2003-09-04	099.91	100.97	099.94
3000	000	7909260	2003-09-04	099.91	100.97	099.94
3000	000	7909261	2003-09-04	099.91	100.97	099.94
3000	000	7909262	2003-09-04	099.91	100.97	099.94
3000	000	7909263	2003-09-04	099.91	100.97	099.94
3000	000	7909264	2003-09-04	099.91	100.97	099.94
3000	000	7909265	2003-09-04	099.91	100.97	099.94
3000	000	7909266	2003-09-04	099.91	100.97	099.94
3000	000	7909267	2003-09-04	099.91	100.97	099.94
3000	000	7909268	2003-09-04	099.91	100.97	099.94
3000	000	7909269	2003-09-04	099.91	100.97	099.94
3000	000	7909270	2003-09-04	099.91	100.97	099.94
3000	000	7909271	2003-09-04	099.91	100.97	099.94
3000	000	7909272	2003-09-04	099.91	100.97	099.94
3000	000	7909273	2003-09-04	099.91	100.97	099.94
3000	000	7909274	2003-09-04	099.91	100.97	099.94
3000	000	7909275	2003-09-04	099.91	100.97	099.94
3000	000	7909276	2003-09-04	099.91	100.97	099.94
3000	000	7909277	2003-09-04	099.91	100.97	099.94
3000	000	7909278	2003-09-04	099.91	100.97	099.94
3000	000	7909279	2003-09-04	099.91	100.97	099.94
3000	000	7909280	2003-09-04	099.91	100.97	099.94
3000	000	7909281	2003-09-04	099.91	100.97	099.94
3000	000	7909282	2003-09-04	099.91	100.97	099.94
3000	000	7909283	2003-09-04	099.91	100.97	099.94
3000	000	7909284	2003-09-04	099.91	100.97	099.94
3000	000	7909285	2003-09-04	099.91	100.97	099.94
3000	000	7909286	2003-09-04	099.91	100.97	099.94
3000	000	7909287	2003-09-04	099.91	100.97	099.94
3000	000	7909288	2003-09-04	099.91	100.97	099.94
3000	000	7909289	2003-09-04	099.91	100.97	099.94
3000	000	7909290	2003-09-04	099.91	100.97	099.94
3000	000	7909291	2003-09-04	099.91	100.97	099.94
3000	000	7909292	2003-09-04	099.91	100.97	099.94
3000	000	7909293	2003-09-04	099.91	100.97	099.94
3000	000	7909294	2003-09-04	099.91	100.97	099.94
3000	000	7909295	2003-09-04	099.91	100.97	099.94
3000	000	7909296	2003-09-04	099.91	100.97	099.94
3000	000	7909297	2003-09-04	099.91	100.97	099.94
3000	000	7909298	2003-09-04	099.91	100.97	099.94
3000	000	7909299	2003-09-04	099.91	100.97	099.94
3000	000	7909300	2003-09-04	099.91	100.97	099.94



LOUISVILLE GAS & ELECTRIC COMPANY  
METER SUBSYSTEM (MSS)  
NEW METERS ADDED LAST YEAR

MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACOR
CHL	UM8E	7910237	09-04	109.77	99.22	099.07
CHL	UM8E	7910238	09-04	109.10	109.11	109.07
CHL	UM8E	7910239	09-04	109.06	109.14	109.09
CHL	UM8E	7910240	09-04	109.04	109.07	109.09
CHL	UM8E	7910241	09-04	109.03	109.07	109.09
CHL	UM8E	7910242	09-04	109.02	109.07	109.09
CHL	UM8E	7910243	09-04	109.01	109.07	109.09
CHL	UM8E	7910244	09-04	109.00	109.07	109.09
CHL	UM8E	7910245	09-04	109.00	109.07	109.09
CHL	UM8E	7910246	09-04	109.00	109.07	109.09
CHL	UM8E	7910247	09-04	109.00	109.07	109.09
CHL	UM8E	7910248	09-04	109.00	109.07	109.09
CHL	UM8E	7910249	09-04	109.00	109.07	109.09
CHL	UM8E	7910250	09-04	109.00	109.07	109.09
CHL	UM8E	7910251	09-04	109.00	109.07	109.09
CHL	UM8E	7910252	09-04	109.00	109.07	109.09
CHL	UM8E	7910253	09-04	109.00	109.07	109.09
CHL	UM8E	7910254	09-04	109.00	109.07	109.09
CHL	UM8E	7910255	09-04	109.00	109.07	109.09
CHL	UM8E	7910256	09-04	109.00	109.07	109.09
CHL	UM8E	7910257	09-04	109.00	109.07	109.09
CHL	UM8E	7910258	09-04	109.00	109.07	109.09
CHL	UM8E	7910259	09-04	109.00	109.07	109.09
CHL	UM8E	7910260	09-04	109.00	109.07	109.09
CHL	UM8E	7910261	09-04	109.00	109.07	109.09
CHL	UM8E	7910262	09-04	109.00	109.07	109.09
CHL	UM8E	7910263	09-04	109.00	109.07	109.09
CHL	UM8E	7910264	09-04	109.00	109.07	109.09
CHL	UM8E	7910265	09-04	109.00	109.07	109.09
CHL	UM8E	7910266	09-04	109.00	109.07	109.09
CHL	UM8E	7910267	09-04	109.00	109.07	109.09
CHL	UM8E	7910268	09-04	109.00	109.07	109.09
CHL	UM8E	7910269	09-04	109.00	109.07	109.09
CHL	UM8E	7910270	09-04	109.00	109.07	109.09
CHL	UM8E	7910271	09-04	109.00	109.07	109.09
CHL	UM8E	7910272	09-04	109.00	109.07	109.09
CHL	UM8E	7910273	09-04	109.00	109.07	109.09
CHL	UM8E	7910274	09-04	109.00	109.07	109.09
CHL	UM8E	7910275	09-04	109.00	109.07	109.09









MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PF FACTOR
CHL	UM	791227	09-04	100	99	100
CHL	UM	791228	09-04	100	99	100
CHL	UM	791229	09-04	100	99	100
CHL	UM	791230	09-04	100	99	100
CHL	UM	791231	09-04	100	99	100
CHL	UM	791232	09-04	100	99	100
CHL	UM	791233	09-04	100	99	100
CHL	UM	791234	09-04	100	99	100
CHL	UM	791235	09-04	100	99	100
CHL	UM	791236	09-04	100	99	100
CHL	UM	791237	09-04	100	99	100
CHL	UM	791238	09-04	100	99	100
CHL	UM	791239	09-04	100	99	100
CHL	UM	791240	09-04	100	99	100
CHL	UM	791241	09-04	100	99	100
CHL	UM	791242	09-04	100	99	100
CHL	UM	791243	09-04	100	99	100
CHL	UM	791244	09-04	100	99	100
CHL	UM	791245	09-04	100	99	100
CHL	UM	791246	09-04	100	99	100
CHL	UM	791247	09-04	100	99	100
CHL	UM	791248	09-04	100	99	100
CHL	UM	791249	09-04	100	99	100
CHL	UM	791250	09-04	100	99	100
CHL	UM	791251	09-04	100	99	100
CHL	UM	791252	09-04	100	99	100
CHL	UM	791253	09-04	100	99	100
CHL	UM	791254	09-04	100	99	100
CHL	UM	791255	09-04	100	99	100
CHL	UM	791256	09-04	100	99	100
CHL	UM	791257	09-04	100	99	100
CHL	UM	791258	09-04	100	99	100
CHL	UM	791259	09-04	100	99	100
CHL	UM	791260	09-04	100	99	100
CHL	UM	791261	09-04	100	99	100
CHL	UM	791262	09-04	100	99	100
CHL	UM	791263	09-04	100	99	100
CHL	UM	791264	09-04	100	99	100
CHL	UM	791265	09-04	100	99	100
CHL	UM	791266	09-04	100	99	100
CHL	UM	791267	09-04	100	99	100
CHL	UM	791268	09-04	100	99	100
CHL	UM	791269	09-04	100	99	100
CHL	UM	791270	09-04	100	99	100
CHL	UM	791271	09-04	100	99	100
CHL	UM	791272	09-04	100	99	100
CHL	UM	791273	09-04	100	99	100
CHL	UM	791274	09-04	100	99	100
CHL	UM	791275	09-04	100	99	100





MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PF FACTOR
CHL	UM8	7911377	04-04-04	106.027	100.234	0.99.994
CHL	UM8	7911378	04-04-04	106.027	100.234	0.99.994
CHL	UM8	7911379	04-04-04	106.027	100.234	0.99.994
CHL	UM8	7911380	04-04-04	106.027	100.234	0.99.994
CHL	UM8	7911381	04-04-04	106.027	100.234	0.99.994
CHL	UM8	7911382	04-04-04	106.027	100.234	0.99.994
CHL	UM8	7911383	04-04-04	106.027	100.234	0.99.994
CHL	UM8	7911384	04-04-04	106.027	100.234	0.99.994
CHL	UM8	7911385	04-04-04	106.027	100.234	0.99.994
CHL	UM8	7911386	04-04-04	106.027	100.234	0.99.994
CHL	UM8	7911387	04-04-04	106.027	100.234	0.99.994
CHL	UM8	7911388	04-04-04	106.027	100.234	0.99.994
CHL	UM8	7911389	04-04-04	106.027	100.234	0.99.994
CHL	UM8	7911390	04-04-04	106.027	100.234	0.99.994
CHL	UM8	7911391	04-04-04	106.027	100.234	0.99.994
CHL	UM8	7911392	04-04-04	106.027	100.234	0.99.994
CHL	UM8	7911393	04-04-04	106.027	100.234	0.99.994
CHL	UM8	7911394	04-04-04	106.027	100.234	0.99.994
CHL	UM8	7911395	04-04-04	106.027	100.234	0.99.994
CHL	UM8	7911396	04-04-04	106.027	100.234	0.99.994
CHL	UM8	7911397	04-04-04	106.027	100.234	0.99.994
CHL	UM8	7911398	04-04-04	106.027	100.234	0.99.994
CHL	UM8	7911399	04-04-04	106.027	100.234	0.99.994
CHL	UM8	7911400	04-04-04	106.027	100.234	0.99.994
CHL	UM8	7911401	04-04-04	106.027	100.234	0.99.994
CHL	UM8	7911402	04-04-04	106.027	100.234	0.99.994
CHL	UM8	7911403	04-04-04	106.027	100.234	0.99.994
CHL	UM8	7911404	04-04-04	106.027	100.234	0.99.994
CHL	UM8	7911405	04-04-04	106.027	100.234	0.99.994
CHL	UM8	7911406	04-04-04	106.027	100.234	0.99.994
CHL	UM8	7911407	04-04-04	106.027	100.234	0.99.994
CHL	UM8	7911408	04-04-04	106.027	100.234	0.99.994
CHL	UM8	7911409	04-04-04	106.027	100.234	0.99.994
CHL	UM8	7911410	04-04-04	106.027	100.234	0.99.994
CHL	UM8	7911411	04-04-04	106.027	100.234	0.99.994
CHL	UM8	7911412	04-04-04	106.027	100.234	0.99.994
CHL	UM8	7911413	04-04-04	106.027	100.234	0.99.994
CHL	UM8	7911414	04-04-04	106.027	100.234	0.99.994
CHL	UM8	7911415	04-04-04	106.027	100.234	0.99.994
CHL	UM8	7911416	04-04-04	106.027	100.234	0.99.994
CHL	UM8	7911417	04-04-04	106.027	100.234	0.99.994
CHL	UM8	7911418	04-04-04	106.027	100.234	0.99.994
CHL	UM8	7911419	04-04-04	106.027	100.234	0.99.994
CHL	UM8	7911420	04-04-04	106.027	100.234	0.99.994
CHL	UM8	7911421	04-04-04	106.027	100.234	0.99.994
CHL	UM8	7911422	04-04-04	106.027	100.234	0.99.994
CHL	UM8	7911423	04-04-04	106.027	100.234	0.99.994
CHL	UM8	7911424	04-04-04	106.027	100.234	0.99.994
CHL	UM8	7911425	04-04-04	106.027	100.234	0.99.994

MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PF FACTOR
SCHLUMBERGER	09	7914427	09-04	21	100	100
SCHLUMBERGER	09	7914428	09-04	22	100	100
SCHLUMBERGER	09	7914429	09-04	23	100	100
SCHLUMBERGER	09	7914430	09-04	24	100	100
SCHLUMBERGER	09	7914431	09-04	25	100	100
SCHLUMBERGER	09	7914432	09-04	26	100	100
SCHLUMBERGER	09	7914433	09-04	27	100	100
SCHLUMBERGER	09	7914434	09-04	28	100	100
SCHLUMBERGER	09	7914435	09-04	29	100	100
SCHLUMBERGER	09	7914436	09-04	30	100	100
SCHLUMBERGER	09	7914437	09-04	31	100	100
SCHLUMBERGER	09	7914438	09-04	32	100	100
SCHLUMBERGER	09	7914439	09-04	33	100	100
SCHLUMBERGER	09	7914440	09-04	34	100	100
SCHLUMBERGER	09	7914441	09-04	35	100	100
SCHLUMBERGER	09	7914442	09-04	36	100	100
SCHLUMBERGER	09	7914443	09-04	37	100	100
SCHLUMBERGER	09	7914444	09-04	38	100	100
SCHLUMBERGER	09	7914445	09-04	39	100	100
SCHLUMBERGER	09	7914446	09-04	40	100	100
SCHLUMBERGER	09	7914447	09-04	41	100	100
SCHLUMBERGER	09	7914448	09-04	42	100	100
SCHLUMBERGER	09	7914449	09-04	43	100	100
SCHLUMBERGER	09	7914450	09-04	44	100	100
SCHLUMBERGER	09	7914451	09-04	45	100	100
SCHLUMBERGER	09	7914452	09-04	46	100	100
SCHLUMBERGER	09	7914453	09-04	47	100	100
SCHLUMBERGER	09	7914454	09-04	48	100	100
SCHLUMBERGER	09	7914455	09-04	49	100	100
SCHLUMBERGER	09	7914456	09-04	50	100	100
SCHLUMBERGER	09	7914457	09-04	51	100	100
SCHLUMBERGER	09	7914458	09-04	52	100	100
SCHLUMBERGER	09	7914459	09-04	53	100	100
SCHLUMBERGER	09	7914460	09-04	54	100	100
SCHLUMBERGER	09	7914461	09-04	55	100	100
SCHLUMBERGER	09	7914462	09-04	56	100	100
SCHLUMBERGER	09	7914463	09-04	57	100	100
SCHLUMBERGER	09	7914464	09-04	58	100	100
SCHLUMBERGER	09	7914465	09-04	59	100	100
SCHLUMBERGER	09	7914466	09-04	60	100	100
SCHLUMBERGER	09	7914467	09-04	61	100	100
SCHLUMBERGER	09	7914468	09-04	62	100	100
SCHLUMBERGER	09	7914469	09-04	63	100	100
SCHLUMBERGER	09	7914470	09-04	64	100	100
SCHLUMBERGER	09	7914471	09-04	65	100	100
SCHLUMBERGER	09	7914472	09-04	66	100	100
SCHLUMBERGER	09	7914473	09-04	67	100	100
SCHLUMBERGER	09	7914474	09-04	68	100	100
SCHLUMBERGER	09	7914475	09-04	69	100	100













GROUP NAME	METER TYPE	IN-SERVICE POPULATION	SAMPLE QUANTITY	METERS TESTED	PASSED/ FAILED
DS	G	2	2	2	PASS

ANALYZED TEST RESULTS PER ANSI/ASQC Z1.9-1993  
 DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
 ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
 AQL = 2.5% - INSPECTION LEVEL II - NORMAL INSPECTION

\*\*\*\*\* J 100.0 261122 J 99.9 \*\*\*\*\* DEVIATION TEST ACCURACY DATA \*\*\*\*\*

INFORMATION NEEDED

Sample Size: n  
 Sum of Measurements: Sum(X)  
 Sum of Squared Measurements: Sum(X \*\* 2.0)  
 Correction Factor(CF): ((Sum(X) \*\* 2.0) / n )  
 Corrected Sum of Squares(SS): Sum(X \*\* 2.0) - CF  
 Variance(V): SS / (n-1)  
 Estimate of Lot Standard Deviation s: (V \*\* 0.5)  
 Sample Mean X Bar: Sum(X) / n  
 Upper Specification Limit: U  
 Lower Specification Limit: L  
 Quality Index(Qu): (U - Xbar) / s  
 Quality Index(Ql): (Xbar - L) / s  
 Estimate of Lot Percent Ncf: Above U: PU  
 Estimate of Lot Percent Ncf: Below L: PL  
 Total Estimate Percent Ncf: In Lot: P = PU + PL  
 Maximum Allowable Percent Ncf.: M  
 Acceptability Criterion: (PU + PL) <= M

VALUE OBTAINED

2  
 199.9  
 19,980.01  
 19,980.00  
 0.01  
 0.0100  
 0.1000  
 99.95  
 102.00  
 98.00  
 20.50  
 19.50  
 0.00%  
 0.00%  
 0.00%  
 7.59%  
 PASS

\*\*\*\*\* DEVICES SELECTED BUT NOT TESTED \*\*\*\*\*  
 DEVICE# "NO TEST" CODE COMMENTS



GROUP NAME	METER TYPE	IN-SERVICE POPULATION	SAMPLE QUANTITY	METERS TESTED	PASSED/ FAILED
D3	G	4	3	3	PASS

ANALYZED TEST RESULTS PER ANSI/ASOC Z1.9-1993  
 DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
 ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
 AQL = 2.5% - INSPECTION LEVEL II - NORMAL INSPECTION

\*\*\*\*\* DEVICES SELECTED BUT NOT TESTED \*\*\*\*\*  
 321705 J 100.4 321727 J 100.1 343818 J 100.1

INFORMATION NEEDED

VALUE OBTAINED

Sample Size: n 3  
 Sum of Measurements: Sum(X) 300.6  
 Sum of Squared Measurements: Sum(X \*\* 2.0) 30,120.18  
 Correction Factor(CF): ( Sum(X) \*\* 2.0) / n ) 30,120.12  
 Corrected Sum of Squares(SS): Sum(X \*\* 2.0) - CF 0.06  
 Variance(V): SS / (n-1) 0.0300  
 Estimate of Lot Standard Deviation s: ( V \*\* 0.5) 0.1732  
 Sample Mean X Bar: Sum(X) / n 100.20  
 Upper Specification Limit: U 102.00  
 Lower Specification Limit: L 98.00  
 Quality Index(Qu): ( U - Xbar ) / s 10.39  
 Quality Index(Ql): ( Xbar - L ) / s 12.70  
 Estimate of Lot Percent Ncf. Above U: PU 0.00%  
 Estimate of Lot Percent Ncf. Below L: PL 0.00%  
 Total Estimate Percent Ncf. In Lot: P = PU + PL 0.00%  
 Maximum Allowable Percent Ncf.: M 7.59%  
 Acceptability Criterion: (PU + PL) <= M PASS

\*\*\*\*\* DEVICES SELECTED BUT NOT TESTED \*\*\*\*\*  
 DEVICE# "NO TEST" CODE COMMENTS

GROUP NAME	METER TYPE	IN-SERVICE POPULATION	SAMPLE QUANTITY	METERS TESTED	PASSED/ FAILED	TESTING INCOMPLETE
D4	G	10,000	75	74	PASS	INCOMPLETE

ANALYZED TEST RESULTS PER ANSI/ASQC Z1.9-1993  
 DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
 ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
 AQL = 2.5% - INSPECTION LEVEL II - NORMAL INSPECTION

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	
365748	J	99.3	367112	J	100.0	J	367238	J	100.3	367277	J	371745	J	100.0	376801	J	100.0	376801	J	100.4	100.6
372577	J	100.1	376214	J	100.2	J	376482	J	100.0	J	376543	J	376801	J	100.4	J	100.4	376801	J	100.4	100.0
376817	J	99.8	376899	J	100.6	J	381462	J	100.3	J	381797	J	381821	J	100.1	J	100.1	381821	J	100.1	99.3
382165	J	99.9	382170	J	99.8	J	382214	J	100.4	J	386221	J	386660	J	100.1	J	100.1	386660	J	100.1	99.8
386745	J	100.3	386823	J	100.0	J	386913	J	100.2	J	386921	J	386932	J	99.6	J	99.6	386932	J	99.6	99.7
391396	J	100.7	391481	J	100.2	J	391605	J	100.0	J	391645	J	391837	J	100.1	J	100.1	391837	J	100.1	99.8
391844	J	99.9	391588	J	100.0	J	396068	J	99.8	J	396085	J	396151	J	99.3	J	99.3	396151	J	99.3	99.8
396322	J	99.4	396420	J	100.3	J	400950	J	99.9	J	401383	J	401396	J	100.4	J	100.4	401396	J	100.4	100.3
405355	J	100.2	406092	J	100.1	J	410733	J	99.6	J	410753	J	410776	J	99.5	J	99.5	410776	J	99.5	99.7
412682	J	101.1	414930	J	99.9	J	414951	J	99.9	J	415296	J	415445	J	100.3	J	100.3	415445	J	100.3	100.1
415451	J	100.4	419902	J	100.6	J	420185	J	100.1	J	420211	J	420431	J	99.8	J	99.8	420431	J	99.8	100.1
424792	J	100.3	424912	J	99.5	J	425053	J	100.2	J	425204	J	425277	J	99.7	J	99.7	425277	J	99.7	100.4
425614	J	100.0	425711	J	100.0	J	431033	J	100.5	J	431707	J	431827	J	100.6	J	100.6	431827	J	100.6	100.1
436953	J	100.2	437006	J	100.5	J	437149	J	100.5	J	440595	J	440777	J	100.0	J	100.0	440777	J	100.0	99.9
441018	J	100.1	441262	J	100.1	J	443582	J	100.2	J	443796	J	446394	J	99.7	J	99.7	446394	J	99.7	100.5

VALUE OBTAINED

INFORMATION NEEDED

Sample Size: n

Sum of Squared Measurements: Sum(X)

Correction Factor(CF):  $(\sum(X)^2 / n)$

Corrected Sum of Squares(SS):  $\sum(X^2) - CF$

Variance(V):  $SS / (n-1)$

Estimate of Lot Standard Deviation s:  $(V ** 0.5)$

Sample Mean  $\bar{X}$ :  $\sum(X) / n$

Upper Specification Limit: U

Lower Specification Limit: L

Quality Index(Q<sub>u</sub>):  $(U - \bar{X}) / s$

Quality Index(Q<sub>l</sub>):  $(\bar{X} - L) / s$

Estimate of Lot Percent Ncf. Above U: PU

Estimate of Lot Percent Ncf. Below L: PL

Total Estimate Percent Ncf. In Lot: P = PU + PL

Maximum Allowable Percent Ncf.: M

Acceptability Criterion: (PU + PL) <= M

74

7,405.7

741,149.79

741,140.44

9.35

0.1281

0.3579

100.07

102.00

98.00

5.39

5.78

0.00%

0.00%

0.00%

4.83%

PASS

\*\*\*\*\* DEVICES SELECTED BUT NOT TESTED \*\*\*\*\*

DEVICE# "NO TEST" CODE COMMENTS







GROUP NAME	METER TYPE	IN-SERVICE POPULATION	SAMPLE QUANTITY	METERS TESTED	PASSED/ FAILED
I20	D	2	2	2	FAIL

ANALYZED TEST RESULTS PER ANSI/ASQC Z1.9-1993  
 DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
 ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
 AQL = 2.5% - INSPECTION LEVEL II - NORMAL INSPECTION

\*\*\*\*\* J 97.2 123395 J 99.2 \*\*\*\*\* DEVICE NUMBER AND FULL LOAD TEST ACCURACY DATA \*\*\*\*\*

INFORMATION NEEDED

VALUE OBTAINED

Sample Size: n 2  
 Sum of Measurements: Sum(X) 196.4  
 Sum of Squared Measurements: Sum(X \*\* 2.0) 19,288.48  
 Corrected Sum of Squares(CF): ( Sum(X) \*\* 2.0) / n ) 19,286.48  
 Variance(V): SS / (n-1) 2.00  
 Estimate of Lot Standard Deviation s: (V \*\* 0.5) 2.0000  
 Sample Mean X Bar: Sum(X) / n 1.4142  
 Upper Specification Limit: U 98.20  
 Lower Specification Limit: L 98.00  
 Quality Index(Qu): (U - Xbar) / s 2.69  
 Quality Index(Ql): (Xbar - L) / s 0.14  
 Estimate of Lot Percent Ncf. Above U: PU 0.00%  
 Estimate of Lot Percent Ncf. Below L: PL 44.46%  
 Total Estimate Percent Ncf. In Lot: P = PU + PL 44.46%  
 Maximum Allowable Percent Ncf.: M 7.59%  
 Acceptability Criterion: (PU + PL) <= M FAIL

\*\*\*\*\* DEVICES SELECTED BUT NOT TESTED \*\*\*\*\*  
 DEVICE# "NO TEST" CODE COMMENTS

GROUP NAME	METER TYPE	IN-SERVICE POPULATION	SAMPLE QUANTITY	METERS TESTED	PASSED/ FAILED
I30	D	2	2	0	PASS TESTING INCOMPLETE

ANALYZED TEST RESULTS PER ANSI/ASQC Z1.9-1993  
 DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
 ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
 AQL = 2.5% - INSPECTION LEVEL II - NORMAL INSPECTION

\*\*\*\*\* DEVICE NUMBER AND FULL LOAD TEST ACCURACY DATA \*\*\*\*\*  
 152646 I 174338 I \*\*\*\*\*

INFORMATION NEEDED

VALUE OBTAINED

Sample Size: n  
 Sum of Measurements: Sum(X)  
 Sum of Squared Measurements: Sum(X \*\* 2.0)  
 Correction Factor(CF): ((Sum(X) \*\* 2.0) / n )  
 Corrected Sum of Squares(SS): Sum(X \*\* 2.0) - CF  
 Variance(V): SS / (n-1)  
 Estimate of Lot Standard Deviation s: (V \*\* 0.5)  
 Sample Mean X Bar: Sum(X) / n  
 Upper Specification Limit: U  
 Lower Specification Limit: L  
 Quality Index(Qi): (U - Xbar) / s  
 Quality Index(Ql): (Xbar - L) / s  
 Estimate of Lot Percent Ncf. Above U: PU  
 Estimate of Lot Percent Ncf. Below L: PL  
 Total Estimate Percent Ncf. In Lot: P = PU + PL  
 Maximum Allowable Percent Ncf.: M  
 Acceptability Criterion: (PU + PL) <= M

\*\*\*\*\* DEVICES SELECTED BUT NOT TESTED \*\*\*\*\*  
 DEVICE# "NO TEST" CODE

GROUP NAME	METER TYPE	IN-SERVICE POPULATION	SAMPLE QUANTITY	METERS TESTED	PASSED/ FAILED	TESTING INCOMPLETE
I50	D	2,268	50	49	PASS	

ANALYZED TEST RESULTS PER ANSI/ASQC Z1.9-1993  
 DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
 ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
 AQL = 2.5% - INSPECTION LEVEL II - NORMAL INSPECTION

DEVIce NUMBER	AND FULL LOAD TEST ACCURACY DATA	TESTING INCOMPLETE
182605	J 100.1	187310
196295	J 100.2	205292
206814	J 99.8	214336
216036	J 100.6	220925
220976	J 99.9	223950
224796	J 99.9	229406
230740	J 99.9	233195
233249	J 100.2	233501
234025	J 100.8	234914
235048	J 100.3	237465

INFORMATION NEEDED

VALUE OBTAINED

Sample Size: n 49  
 Sum of Squared Measurements: Sum(X) 4,908.4  
 Correction Factor(CF): (Sum(X) \*\* 2.0) / n 491,686.80  
 Corrected Sum of Squares(SS): Sum(X \*\* 2.0) - CF 491,681.44  
 Variance(V): SS / (n-1) 5.36  
 Estimate of Lot Standard Deviation s: (V \*\* 0.5) 0.117  
 Sample Mean X Bar: Sum(X) / n 0.3342  
 Upper Specification Limit: L 100.17  
 Lower Specification Limit: L 98.00  
 Quality Index(Q1): (U - Xbar) / s 5.48  
 Quality Index(Q2): (Xbar - L) / s 6.49  
 Estimate of Lot Percent Ncf. Above U: PU 0.00%  
 Estimate of Lot Percent Ncf. Below L: PL 0.00%  
 Total Estimate Percent Ncf. In Lot: P = PU + PL 0.00%  
 Maximum Allowable Percent Ncf.: M 5.21%  
 Acceptability Criterion: (PU + PL) <= M PASS

\*\*\*\*\* DEVICES SELECTED BUT NOT TESTED \*\*\*\*\*  
 DEVICE# "NO TEST" CODE COMMENTS

GROUP NAME	METER TYPE	IN-SERVICE POPULATION	SAMPLE QUANTITY	METERS TESTED	PASSED/ FAILED
I55	D	2,447	50	50	PASS

ANALYZED TEST RESULTS PER ANSI/ASQC Z1.9-1993  
 DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
 ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
 AQL = 2.5% - INSPECTION LEVEL II - NORMAL INSPECTION

DEVI	NUM	AND	FULL	LOAD	TEST	ACCURACY	DATA	*****	*****	*****	*****
239411	J	100.8	239565	J	99.9	242726	J	100.3	243622	J	100.3
244018	J	99.7	244243	J	99.5	244324	J	100.5	245804	J	100.4
246067	J	100.2	246112	J	100.1	246439	J	100.3	247177	J	100.8
247988	J	100.1	248114	J	100.2	248254	J	100.4	248301	J	100.5
250169	J	100.1	250552	J	100.0	250926	J	100.4	250975	J	100.1
251312	J	99.9	251346	J	100.6	251570	J	100.3	251770	J	100.0
252571	J	100.4	252747	J	100.2	253234	J	100.5	257560	J	100.4
263325	J	100.1	263335	J	100.2	263365	J	100.1	263411	J	100.4
263920	J	100.6	264188	J	100.0	264413	J	100.2	264415	J	99.8
264782	J	100.1	265131	J	100.3	265320	J	100.2	265763	J	100.3

INFORMATION NEEDED

Sample Size: n  
 Sum of Measurements: Sum(X)  
 Sum of Squared Measurements: Sum(X \*\* 2.0)  
 Correction Factor(CF): ( Sum(X) \*\* 2.0 ) / n )  
 Corrected Sum of Squares(SS): Sum(X \*\* 2.0) - CF  
 Variance(V): SS / (n-1)  
 Estimate of Lot Standard Deviation s: (V \*\* 0.5)  
 Sample Mean X Bar: Sum(X) / n  
 Upper Specification Limit: U  
 Lower Specification Limit: L  
 Quality Index(Qi): (U - Xbar) / s  
 Quality Index(Ql): (Xbar - L) / s  
 Estimate of Lot Percent Ncf. Above U: PU  
 Estimate of Lot Percent Ncf. Below L: PL  
 Total Estimate Percent Ncf. In Lot: P = PU + PL  
 Maximum Allowable Percent Ncf.: M  
 Acceptability Criterion: (PU + PL) <= M

VALUE OBTAINED

50  
 5,011.8  
 502,366.32  
 502,362.78  
 3.54  
 0.0722  
 0.2687  
 102.00  
 100.23  
 98.00  
 6.59  
 8.30  
 0.00%  
 0.00%  
 0.00%  
 5.21%  
 PASS

\*\*\*\*\* DEVICES SELECTED BUT NOT TESTED \*\*\*\*\*  
 DEVICE# "NO TEST" CODE

GROUP NAME	METER TYPE	IN-SERVICE POPULATION	SAMPLE QUANTITY	METERS TESTED	PASSED/ FAILED
I60	D	10,000	75	72	PASS

ANALYZED TEST RESULTS PER ANSI/ASQC Z1.9-1993  
 DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
 ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
 AQL = 2.5% - INSPECTION LEVEL II - NORMAL INSPECTION

DEVIATION METHOD	TESTED	ACCURACY	DATA	TESTED	TESTED	TESTED	TESTED	TESTED	TESTED
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
269177	J	100.1	269207	J	99.7	270777	J	100.3	271019
279027	J	100.2	279237	J	100.4	279284	J	100.3	279422
280581	J	100.3	281183	J	99.7	281606	J	100.0	281867
284783	J	100.1	284814	J	99.6	284815	J	100.0	285035
285104	J	99.8	285148	J	99.9	285459	J	99.8	285757
286562	J	99.4	292634	J	99.3	292762	J	100.1	292941
294927	J	100.3	295144	J	100.7	295525	J	99.9	295868
296120	J	100.1	297644	J	100.0	298052	J	100.1	298793
298878	J	100.1	299063	J	100.5	299400	J	99.7	299653
304013	J	100.0	304186	J	100.0	304255	J	99.7	307312
307681	J	100.0	311422	J	100.2	311468	J	100.5	311745
311920	J	100.1	311925	J	100.3	311939	J	100.0	312815
313315	J	99.7	313616	J	99.9	316594	J	100.0	316886
316996	J	99.6	317130	J	100.0	317238	J	100.7	317647
317825	J	100.8	318076	J	100.0		J	100.7	

INFORMATION NEEDED

Sample Size: n  
 Sum of Squared Measurements: Sum(X)  
 Correction Factor(CF): ((Sum(X) \*\* 2.0) / n)  
 Corrected Sum of Squares(SS): Sum(X \*\* 2.0) - CF  
 Variance(V): SS / (n-1)  
 Estimate of Lot Standard Deviation s: (V \*\* 0.5)  
 Sample Mean X Bar: Sum(X) / n  
 Upper Specification Limit: U  
 Lower Specification Limit: L  
 Quality Index(Qi): (U - Xbar) / s  
 Quality Index(Ql): (Xbar - L) / s  
 Estimate of Lot Percent Ncf. Above U: PU  
 Estimate of Lot Percent Ncf. Below L: PL  
 Total Estimate Percent Ncf. In Lot: P = PU + PL  
 Maximum Allowable Percent Ncf.: M  
 Acceptability Criterion: (PU + PL) <= M

\*\*\*\*\* DEVICES SELECTED BUT NOT TESTED \*\*\*\*\*

DEVICE#	"NO TEST" CODE	COMMENTS
292329	D	DAMAGED
294873	L	LOST/STOLEN
313388	P	OPEN POTENTIAL COIL

VALUE OBTAINED

72  
 7,198.3  
 719,666.99  
 719,660.04  
 6.95  
 0.0979  
 0.3129  
 99.97  
 102.00  
 98.00  
 6.49  
 6.30  
 0.00%  
 0.00%  
 0.00%  
 4.83%  
 PASS

GROUP NAME	METER TYPE	IN-SERVICE POPULATION	SAMPLE QUANTITY	METERS TESTED	PASSED/FAILED	TESTING INCOMPLETE
I60 - 2	D	5,984	75	74	PASS	INCOMPLETE

ANALYZED TEST RESULTS PER ANSI/ASQC Z1.9-1993  
 DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
 ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
 AQL = 2.5% - INSPECTION LEVEL II - NORMAL INSPECTION

DEVI	NUM	AND	FULL	LOAD	TEST	ACCURACY	DATA	TESTING	INCOMPLETE
318318	J	100.0	319578	J	99.8	319857	J	99.6	320086
320189	J	100.0	320274	J	99.8	320428	J	99.7	320452
320511	J	99.9	322220	J	99.7	322338	J	100.0	322479
322574	J	99.8	322605	J	100.0	326955	J	100.2	329072
329114	J	100.6	329354	J	100.2	329936	J	100.6	331150
331184	J	100.3	333655	J	99.7	333716	J	100.0	334003
334008	J	100.2	334184	J	100.3	334227	J	100.4	334246
334395	J	100.8	335712	J	100.1	336287	J	100.3	336317
336423	J	100.1	336504	J	99.8	338268	J	100.1	338387
340177	J	100.4	340508	J	100.1	340939	J	100.3	347451
347614	J	100.2	347910	J	100.9	348062	J	100.0	350059
352054	J	100.2	352256	J	100.1	352350	J	100.0	352468
352484	J	100.3	352686	J	100.9	352820	J	100.2	355026
355085	J	100.6	357356	J	100.1	357505	J	99.9	358846
358917	J	100.1	359372	J	100.2	359472	J	100.0	359737

INFORMATION NEEDED

Sample Size: n  
 Sum of Measurements: Sum(X)  
 Sum of Squared Measurements: Sum(X \*\* 2.0)  
 Correction Factor(CF): ( (Sum(X) \*\* 2.0) / n )  
 Corrected Sum of Squares(SS): Sum(X \*\* 2.0) - CF  
 Variance(V): SS / (n-1)  
 Estimate of Lot Standard Deviation s: (V \*\* 0.5)  
 Sample Mean X Bar: Sum(X) / n  
 Upper Specification Limit: L  
 Lower Specification Limit: L  
 Quality Index(Ou): (Xbar - L) / s  
 Quality Index(Ol): (Xbar - L) / s  
 Estimate of Lot Percent Ncf. Above U: PU  
 Estimate of Lot Percent Ncf. Below L: PL  
 Total Estimate Percent Ncf. In Lot: P = PU + PL  
 Maximum Allowable Percent Ncf.: M  
 Acceptability Criterion: (PU + PL) <= M

\*\*\*\*\* DEVICES SELECTED BUT NOT TESTED \*\*\*\*\*  
 DEVICE# "NO TEST" CODE COMMENTS

74  
 7,410.8  
 742,182.70  
 742,161.58  
 21.12  
 0.2893  
 0.5379  
 100.14  
 102.00  
 98.00  
 3.46  
 3.98  
 0.01%  
 0.00%  
 0.01%  
 4.83%  
 PASS



GROUP NAME	METER TYPE	IN-SERVICE POPULATION	SAMPLE QUANTITY	METERS TESTED	PASSED/ FAILED
I70	D	10,000	75	73	PASS

ANALYZED TEST RESULTS PER ANSI/ASQC Z1.9-1993  
 DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
 ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
 AQL = 2.5% - INSPECTION LEVEL II - NORMAL INSPECTION

DEVIce NUMBER	AND FULL LOAD TEST ACCURACY DATA	TEST ACCURACY	DATA	TESTED	PASSED/ FAILED
361247	I 100.4	I 100.0	361462	S 100.5	S 100.6
363363	I 100.1	S 100.6	363479	I 100.5	I 100.2
363837	I 100.2	I 100.5	363847	I 100.3	I 100.1
366069	I 100.5	I 100.3	366082	I 100.4	I 100.5
366318	I 99.8	I 100.4	366389	I 100.7	I 100.8
368831	I 100.1	I 100.2	368859	I 100.3	I 100.4
371009	I 100.4	I 100.4	371057	I 100.8	I 100.6
372851	I 100.9	I 100.3	373121	I 100.5	I 100.7
375593	I 100.7	I 100.5	375646	I 100.8	I 100.2
377450	I 100.5	I 100.9	377452	I 100.8	I 100.2
378031	I 100.4	I 100.2	380571	I 100.8	I 101.8
382474	S 100.4	I 100.6	382501	I 100.7	I 101.5
383229	I 100.9	I 100.6	385448	I 100.5	I 100.6
387232	I 100.3	S 100.7	387140	S 100.5	I 100.6
387810	I 100.9	I 101.0	387340	I 100.5	I 100.5
			390282	I 100.8	I 100.4
			361950	S 100.5	S 100.1
			363637	I 100.5	I 100.2
			364052	I 100.3	I 100.5
			366258	I 100.4	I 100.5
			366576	I 100.7	I 100.6
			370919	I 100.3	I 99.9
			371541	I 100.8	I 100.6
			373707	I 100.5	I 100.7
			377134	I 100.8	I 100.6
			377290	I 100.5	I 100.2
			377541	I 100.8	I 101.8
			381252	I 100.8	I 101.5
			381353	I 100.7	I 101.5
			382924	I 100.8	I 101.5
			387140	S 100.5	I 100.6
			387299	I 100.7	I 100.5
			387340	I 100.5	I 100.5
			390282	I 100.8	I 100.4

INFORMATION NEEDED

VALUE OBTAINED

Sample Size: n  
 Sum of Measurements: Sum(X)  
 Sum of Squared Measurements: Sum(X \*\* 2.0)  
 Correction Factor(CF): ((Sum(X) \*\* 2.0) / n)  
 Corrected Sum of Squares(SS): Sum(X \*\* 2.0) - CF  
 Variance(V): SS / (n-1)  
 Estimate of Lot Standard Deviation s: (V \*\* 0.5)  
 Sample Mean X Bar: Sum(X) / n  
 Upper Specification Limit: U  
 Lower Specification Limit: L  
 Quality Index(Qu): (U - Xbar) / s  
 Quality Index(Ql): (Xbar - L) / s  
 Estimate of Lot Percent Ncf. Above U: PU  
 Estimate of Lot Percent Ncf. Below L: PL  
 Total Estimate Percent Ncf. In Lot: P = PU + PL  
 Maximum Allowable Percent Ncf.: M  
 Acceptability Criterion: (PU + PL) <= M

\*\*\*\*\* DEVICES SELECTED BUT NOT TESTED \*\*\*\*\*  
 DEVIce# "NO TEST" CODE COMMENTS  
 368520 P OPEN POTENTIAL COIL  
 382702 P OPEN POTENTIAL COIL

GROUP NAME	METER TYPE	IN-SERVICE POPULATION	SAMPLE QUANTITY	METERS TESTED	PASSED/ FAILED
I70 - 2	D	10,000	75	75	PASS

ANALYZED TEST RESULTS PER ANSI/ASQC Z1.9-1993  
 DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
 ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
 AQL = 2.5% - INSPECTION LEVEL II - NORMAL INSPECTION

DEVI	NUM	AND	FULL	TEST	ACCURACY	DATA	TEST	ACCURACY	DATA
390858	I	100.1	392042	I	99.8	392053	I	100.3	392082
392171	I	100.6	392262	I	100.1	392460	I	100.7	392611
392708	I	100.4	392772	I	100.2	392899	I	100.7	394657
395070	I	100.0	395335	I	100.4	395554	I	100.6	397460
399303	I	100.2	399405	I	100.0	399457	S	100.5	399505
399643	I	100.2	399680	I	100.5	399696	I	100.0	400100
401528	I	100.7	401647	I	100.0	401789	I	100.4	401798
402097	I	100.2	402126	S	100.5	402326	I	100.6	404419
404659	I	101.1	404844	I	100.3	404922	I	100.6	404991
405139	I	100.4	405167	I	100.8	406282	I	100.7	406293
406636	I	100.3	406646	S	100.3	406907	I	100.5	407073
409417	I	100.6	409446	I	100.8	409590	I	100.9	409665
409936	I	100.2	409990	I	100.1	411106	I	100.1	411627
414016	I	100.2	414237	I	100.4	414356	I	100.1	414425
416516	I	100.2	416956	I	100.3	418793	I	99.9	419017

INFORMATION NEEDED

Sample Size: n  
 Sum of Squared Measurements: Sum(X)  
 Correction Factor(CF): ((Sum(X) \*\* 2.0) / n)  
 Corrected Sum of Squares(SS): Sum(X \*\* 2.0) - CF  
 Variance(V): SS / (n-1)  
 Estimate of Lot Standard Deviation s: (V \*\* 0.5)  
 Sample Mean X Bar: Sum(x) / n  
 Upper Specification Limit: U  
 Lower Specification Limit: L  
 Quality Index(Q1): (Xbar - L) / s  
 Quality Index(Q2): (U - Xbar) / s  
 Estimate of Lot Percent Ncf. Above U: PU  
 Estimate of Lot Percent Ncf. Below L: PL  
 Total Estimate Percent Ncf. In Lot: p = PU + PL  
 Maximum Allowable Percent Ncf.: M  
 Acceptability Criterion: (PU + PL) <= M

\*\*\*\*\* DEVICES SELECTED BUT NOT TESTED \*\*\*\*\*  
 DEVICE# "NO TEST" CODE COMMENTS

VALUE OBTAINED	TEST	ACCURACY	DATA	TEST	ACCURACY	DATA
75	I	100.9	392082	I	100.9	392085
7,528.9	I	100.6	392611	I	100.6	392657
755,798.59	I	100.7	394657	I	100.7	394698
755,791.14	I	99.8	397460	I	99.8	398972
7.45	I	100.1	399467	I	100.1	399505
0.1007	I	100.6	399744	I	100.6	401798
0.3173	I	100.5	401792	I	100.5	404490
100.38	S	100.5	404419	I	100.5	405070
102.00	S	100.2	404991	I	100.2	406406
98.00	S	100.5	406293	I	100.5	409165
5.11	I	101.4	407073	I	101.4	409831
7.50	I	100.6	409665	I	100.6	411729
0.00%	I	100.1	411627	I	100.1	416507
0.00%	I	100.1	414425	I	100.1	419342
4.83%	I	100.8	419017	I	100.8	419342

GROUP NAME	METER TYPE	IN-SERVICE POPULATION	SAMPLE QUANTITY	METERS TESTED	PASSED/ FAILED
I70 - 3	D	10,000	75	75	PASS

ANALYZED TEST RESULTS PER ANSI/ASQC Z1.9-1993  
 DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
 ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
 AQL = 2.5% - INSPECTION LEVEL II - NORMAL INSPECTION

DEVIATION METHOD	TESTED	TESTED	TESTED	TESTED	TESTED	TESTED	TESTED	TESTED	TESTED	TESTED
I	100.0	421099	421157	I	100.4	421336	I	100.4	421407	I
S	100.5	421614	421694	I	100.2	424006	S	100.0	424017	I
I	100.1	424265	424327	I	100.1	424354	I	100.2	424401	I
I	99.9	424462	426025	I	100.1	426067	I	100.1	426350	S
I	99.6	429164	429315	S	100.3	429592	J	100.1	426350	S
J	99.2	429689	432179	I	100.0	432291	I	100.7	426350	S
I	100.2	432640	432794	I	99.9	432837	I	100.0	432328	I
I	100.1	435661	436305	I	100.2	437684	S	100.2	435632	S
I	100.5	437791	438030	I	100.0	438217	S	100.0	437735	I
J	100.0	441356	441386	I	100.6	442428	I	100.1	438227	I
I	99.9	442946	442996	S	100.3	443025	I	100.0	442592	I
I	99.8	445060	445591	R	100.1	445818	I	100.0	443031	J
I	100.2	448331	448672	I	100.1	449371	I	100.1	448073	J
I	100.2	450608	450979	I	100.3	449371	I	100.2	449547	I
I	100.3	455414	455611	I	100.6	451346	I	100.0	451411	I
I	100.3	455373	455614	I	100.3	455614	I	100.1	455806	I

INFORMATION NEEDED

Sample Size: n  
 Sum of Measurements: Sum(X)  
 Sum of Squared Measurements: Sum(X \*\* 2.0)  
 Correction Factor(CF): ((Sum(X) \*\* 2.0) / n)  
 Corrected Sum of Squares(SS): Sum(X \*\* 2.0) - CF  
 Variance(V): SS / (n-1)  
 Estimate of Lot Standard Deviation s: (V \*\* 0.5)  
 Sample Mean X Bar: Sum(X) / n  
 Upper Specification Limit: U  
 Lower Specification Limit: L  
 Quality Index(QI): (U - Xbar) / s  
 Quality Index(QL): (Xbar - L) / s  
 Estimate of Lot Percent Ncf. Above U: PU  
 Estimate of Lot Percent Ncf. Below L: PL  
 Total Estimate Percent Ncf. In Lot: P = PU + PL  
 Maximum Allowable Percent Ncf.: M  
 Acceptability Criterion: (PU + PL) <= M

\*\*\*\*\* DEVICES SELECTED BUT NOT TESTED \*\*\*\*\*  
 DEVICE# "NO TEST" CODE

VALUE OBTAINED

75
7,511.6
752,326.70
752,321.79
0.0664
4.91
0.2577
100.15
102.00
98.00
7.18
8.34
0.00%
0.00%
0.00%
4.83%
PASS

GROUP NAME	METER TYPE	IN-SERVICE POPULATION	SAMPLE QUANTITY	METERS TESTED	PASSED/ FAILED
I70 - 4	D	10,000	75	74	PASS

ANALYZED TEST RESULTS PER ANSI/ASQC Z1.9-1993  
 DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
 ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
 AQL = 2.5% - INSPECTION LEVEL II - NORMAL INSPECTION

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
DEVICE NUMBER	AND FULL LOAD	TEST ACCURACY	DATA	*****	*****	*****	*****	*****	*****	*****
456096	I 100.1	99.9	459173	I	100.1	459401	100.1	459574	*****	J 99.9
456098	I 100.1	100.3	459924	I	100.0	461683	100.2	461707	*****	I 100.2
461782	I 100.1	100.1	463370	I	100.1	463427	100.2	463733	*****	I 99.8
463786	I 100.6	100.4	463877	S	100.8	464217	100.0	465800	*****	I 100.3
465242	I 100.2	100.9	465479	S	100.1	467790	99.8	467912	*****	I 100.4
469645	S 100.2	100.2	471448	I	99.7	471871	100.1	472081	*****	I 100.3
472324	I 100.1	100.0	472431	I	100.3	474260	100.1	474344	*****	I 100.3
474528	I 99.8	100.1	474800	I	99.9	476163	100.0	476700	*****	I 100.1
476755	I 100.2	100.2	477047	S	100.1	477070	99.8	479079	*****	I 100.3
479192	I 100.0	100.3	479247	I	100.1	479455	100.4	479589	*****	I 100.1
479733	I 100.0	99.7	481042	I	100.3	481114	100.1	481323	*****	I 100.2
482711	I 100.3	100.2	482935	I	100.3	482981	100.3	483130	*****	I 100.0
483241	S 99.9	100.6	483256	I	100.1	483818	100.0	483846	*****	I 100.2
484260	I 100.5	100.5	484277	I	100.0	484284	99.8	483960	*****	I 100.0
484329	S 99.8	100.5	484741	I	100.0	484741	100.0	484286	*****	I 99.8

INFORMATION NEEDED VALUE OBTAINED

Sample Size: n	74
Sum of Measurements: Sum(X)	7,409.0
Sum of Squared Measurements: Sum(X ** 2.0)	741,805.44
Correction Factor(CF): ((Sum(X) ** 2.0) / n)	741,801.09
Corrected Sum of Squares(SS): Sum(X ** 2.0) - CF	4.35
Variance(V): SS / (n-1)	0.0596
Estimate of Lot Standard Deviation s: (V ** 0.5)	0.2441
Sample Mean X Bar: Sum(X) / n	100.12
Upper Specification Limit: U	102.00
Lower Specification Limit: L	98.00
Quality Index(Qu): (U - Xbar) / s	7.70
Quality Index(Ql): (Xbar - L) / s	8.68
Estimate of Lot Percent Ncf. Above U: PU	0.00%
Estimate of Lot Percent Ncf. Below L: PL	0.00%
Total Estimate Percent Ncf. In Lot: P = PU + PL	0.00%
Maximum Allowable Percent Ncf.: M	4.83%
Acceptability Criterion: (PU + PL) <= M	PASS

\*\*\*\*\* DEVICES SELECTED BUT NOT TESTED \*\*\*\*\*  
 DEVICE# "NO TEST" CODE TAMPERING  
 478997

GROUP NAME	METER TYPE	IN-SERVICE POPULATION	SAMPLE QUANTITY	METERS TESTED	74	PASSED/ FAILED	TESTING INCOMPLETE
I70 - 5	D	10,000	75	74			

ANALYZED TEST RESULTS PER ANSI/ASQC Z1.9-1993  
 DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
 ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
 AQL = 2.5% - INSPECTION LEVEL II - NORMAL INSPECTION

DEVICE NUMBER	AND FULL LOAD TEST ACCURACY DATA	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
487429	I 100.4	487896	I 100.2	487952	I 100.3	488088	I 100.2	489534	I 100.2	490088	I 100.2	491170	I 100.2
489561	I 100.3	489877	S 100.1	490639	I 100.3	490672	I 100.2	493170	I 100.2	490672	I 100.2	495488	I 100.2
493492	I 100.4	493679	I 100.6	493728	I 99.9	493945	I 100.2	495488	I 100.2	493945	I 100.2	499110	I 100.5
495515	I 100.1	495528	J 100.2	495821	I 100.5	498676	S 100.2	499110	I 100.2	498676	S 100.2	501144	I 100.4
499226	I 100.0	499290	S 100.0	500915	I 100.2	501066	I 100.6	501144	I 100.6	501066	I 100.6	506027	I 100.4
501161	I 100.3	501194	I 100.6	501475	S 100.4	501586	S 100.3	506027	I 100.3	501586	S 100.3	509797	I 100.9
506053	I 99.8	506073	S 100.3	506237	I 100.3	507095	R 100.0	509797	I 100.0	507095	R 100.0	509921	I 100.1
509850	I 100.1	509879	I 100.5	509891	S 100.4	509895	I 100.5	509921	I 100.5	509895	I 100.5	510973	I 100.2
509941	I 100.0	510108	S 100.2	510362	I 100.5	510514	I 99.9	510973	I 99.9	510514	I 99.9	511510	I 100.3
511002	S 100.5	511113	I 100.2	511416	I 100.1	511448	I 100.0	511510	I 100.0	511448	I 100.0	511783	I 100.3
511624	I 100.2	511679	S 99.7	511696	I 99.8	511741	I 99.9	511783	I 99.9	511741	I 99.9	516016	I 99.8
511794	S 100.2	511865	I 100.1	511940	I 100.1	515901	I 100.6	516016	I 100.6	515901	I 100.6	516335	I 99.9
516076	I 100.0	516118	I 100.2	516271	I 100.1	516333	I 100.3	516335	I 100.3	516333	I 100.3	516559	I 99.8
516407	I 100.0	516409	I 100.1	516558	I 100.5	516559	I 99.8	516559	I 99.8	516559	I 99.8	522048	I 99.8
522198	I 100.0	522297	I 100.5	522392	I 100.1	522581	I 100.4	522048	I 100.4	522581	I 100.4	522622	I 100.1

INFORMATION NEEDED

VALUE OBTAINED

Sample Size: n 74  
 Sum of Measurements: Sum(X) 7,413.5  
 Sum of Squared Measurements: Sum(X\*\*2.0) 742,706.59  
 Correction Factor(CF): ((Sum(X)\*\*2.0)/n) 742,702.46  
 Corrected Sum of Squares(SS): Sum(X\*\*2.0) - CF 4.13  
 Variance(V): SS / (n-1) 0.0566  
 Estimate of Lot Standard Deviation s: (V\*\*0.5) 0.2379  
 Sample Mean X Bar: Sum(X)/n 100.18  
 Upper Specification Limit: U 102.00  
 Lower Specification Limit: L 98.00  
 Quality Index(Qi): (U - Xbar) / s 7.65  
 Quality Index(Ql): (Xbar - L) / s 9.16  
 Estimate of Lot Percent Ncf. Above U: PU 0.00%  
 Estimate of Lot Percent Ncf. Below L: PL 0.00%  
 Total Estimate Percent Ncf. In Lot: P = PU + PL 0.00%  
 Maximum Allowable Percent Ncf.: M 4.83%  
 Acceptability Criterion: (PU + PL) <= M PASS

\*\*\*\*\* DEVICES SELECTED BUT NOT TESTED \*\*\*\*\*  
 DEVICE# "NO TEST" CODE COMMENTS

GROUP NAME METER TYPE METER IN-SERVICE SAMPLE METERS PASSED/  
I70 - 6 D 10,000 QUANTITY TESTED FAILED  
75 75 PASS

ANALYZED TEST RESULTS PER ANSI/ASQC Z1.9-1993  
DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
AQL = 2.5% - INSPECTION LEVEL II - NORMAL INSPECTION

DEVI	NUMBER	AND FULL LOAD TEST ACCURACY DATA	DEVI	NUMBER	AND FULL LOAD TEST ACCURACY DATA
I	100.2	I 522670	I	100.4	I 522807
I	100.5	I 524544	I	100.0	I 526503
J	100.1	I 529114	I	100.4	I 529250
I	100.2	I 532977	I	100.1	I 533001
I	100.2	I 533409	I	100.3	I 540489
I	100.1	I 540804	I	100.3	I 540945
I	100.5	I 541313	I	100.1	I 541383
I	100.6	I 541738	I	100.0	I 541818
J	100.3	I 541883	I	100.4	I 542032
I	100.4	I 545307	I	100.1	I 545640
I	100.2	I 552091	I	100.1	I 552338
I	100.4	I 553026	I	100.2	I 553304
I	100.2	I 553443	I	100.3	I 553906
I	100.5	I 554133	I	100.0	I 561645
I	100.0	I 562340	I	100.0	I 562396

VALUE OBTAINED

INFORMATION NEEDED

Sample Size: n 75  
 Sum of Measurements: Sum(X) 7,512.6  
 Sum of Squared Measurements: (Sum(X) \*\* 2.0) / n 752,524.74  
 Correction Factor(CF): ((Sum(X) \*\* 2.0) / n)  
 Corrected Sum of Squares(SS): Sum(X \*\* 2.0) - CF 2.62  
 Variance(V): SS / (n-1) 0.0354  
 Estimate of Lot Standard Deviation s: (V \*\* 0.5) 0.1881  
 Sample Mean X Bar: Sum(X) / n 100.16  
 Upper Specification Limit: U 102.00  
 Lower Specification Limit: L 98.00  
 Quality Index(Qu): (U - Xbar) / s 9.78  
 Quality Index(Ql): (Xbar - L) / s 11.48  
 Estimate of Lot Percent Ncf: Above U: PU 0.00%  
 Estimate of Lot Percent Ncf: Below L: PL 0.00%  
 Total Estimate Percent Ncf: In Lot: P = PU + PL 0.00%  
 Maximum Allowable Percent Ncf.: M 4.83%  
 Acceptability Criterion: (PU + PL) <= M PASS

\*\*\*\*\* DEVICES SELECTED BUT NOT TESTED \*\*\*\*\*  
 DEVICE# "NO TEST" CODE COMMENTS

GROUP NAME I70 - 7 METER TYPE D IN-SERVICE POPULATION 10,000 SAMPLE QUANTITY 75 METERS TESTED 74 PASSED/ FAILED PASS

ANALYZED TEST RESULTS PER ANSI/ASQC Z1.9-1993  
DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
AQL = 2.5% - INSPECTION LEVEL II - NORMAL INSPECTION

DEVIATION	DEVICE NUMBER	TEST ACCURACY	DATA	PASSED/ FAILED
*****	*****	*****	*****	*****
I 100.3	562751	I 100.2	S 562946	I 100.0
R 100.4	563736	I 100.4	I 563767	I 100.0
I 100.9	564273	I 100.1	S 563890	I 100.4
I 100.1	565143	J 99.9	S 564916	I 100.0
J 99.9	565413	J 99.9	J 565258	J 100.0
I 100.2	568517	I 100.3	S 565446	S 100.5
I 100.5	568961	I 100.3	S 568775	I 100.4
I 100.3	569721	I 100.5	I 569016	I 100.0
I 100.1	570545	I 100.2	I 570042	I 100.6
I 100.1	571837	I 100.0	I 571235	I 100.0
I 100.9	573282	I 100.3	I 572770	I 100.9
I 100.0	573927	I 100.3	I 573369	I 100.0
I 100.1	582258	I 100.3	I 573964	I 100.3
I 100.3	582694	J 100.2	I 582451	I 100.0
I 100.1	583309	I 100.4	S 582901	I 100.2
J 100.1	583344	I 100.4	S 583865	I 100.2

INFORMATION NEEDED

Sample Size: n 74  
Sum of Measurements: Sum(X) 7,408.4  
Sum of Squared Measurements: Sum(X \*\* 2.0) 741,684.86  
Corrected Sum of Squares (SS): (Sum(X) \*\* 2.0) / n 741,680.95  
Variance (V): SS / (n-1) 3.91  
Estimate of lot Standard Deviation s: (V \*\* 0.5) 0.0536  
Sample Mean X Bar: Sum(X) / n 102.00  
Upper Specification Limit: U 100.11  
Lower Specification Limit: L 98.00  
Quality Index (Qu): (U - Xbar) / s 8.16  
Quality Index (Ql): (Xbar - L) / s 9.11  
Estimate of lot Percent Ncf: Above U: PU 0.00%  
Estimate of lot Percent Ncf: Below L: PL 0.00%  
Total Estimate Percent Ncf: In Lot: P = PU + PL 0.00%  
Maximum Allowable Percent Ncf.: M 4.83%  
Acceptability Criterion: (PU + PL) <= M PASS

\*\*\*\*\* DEVICES SELECTED BUT NOT TESTED \*\*\*\*\*  
DEVICE# "NO TEST" CODE COMMENTS  
572688 P OPEN POTENTIAL COIL

GROUP NAME	METER TYPE	IN-SERVICE POPULATION	SAMPLE QUANTITY	METERS TESTED	PASSED/ FAILED
I70 - 8	D	10,000	75	75	PASS

ANALYZED TEST RESULTS PER ANSI/ASOC Z1.9-1993  
 DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
 ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
 AQL = 2.5% - INSPECTION LEVEL II - NORMAL INSPECTION

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
591462	I	100.1	I	100.0	I	100.0	I	100.0	I	100.1	I	100.1	I	100.1
591952	I	100.3	I	100.2	I	100.0	I	100.0	I	100.1	I	100.1	I	100.1
592893	I	100.4	I	100.1	I	100.4	I	100.4	I	100.1	I	100.0	I	100.1
593870	I	100.2	I	100.1	I	100.1	I	100.1	I	100.2	I	100.0	I	100.3
594593	I	100.3	I	100.6	I	100.1	I	100.1	I	100.0	I	100.0	I	100.2
598846	I	100.2	I	100.8	I	100.5	I	100.5	I	99.8	I	99.8	I	100.0
603128	I	100.2	I	100.5	I	100.5	I	100.5	I	100.2	I	100.2	I	99.9
603820	I	99.8	I	100.9	I	100.1	I	100.1	I	100.4	I	100.2	I	100.2
604200	I	100.1	I	100.0	I	100.0	I	100.0	I	99.9	I	99.9	I	100.2
604779	I	99.9	I	100.1	I	100.1	I	100.1	I	100.1	I	100.1	I	100.0
605247	I	99.8	I	100.1	I	100.1	I	100.1	I	100.2	I	100.2	I	100.0
606325	S	100.0	I	99.6	I	605647	I	605741	I	606161	I	606161	I	100.0
623955	I	100.2	I	100.0	I	6233581	I	6233589	I	623656	I	623656	I	100.2
624442	I	100.0	I	100.2	I	624284	I	6243221	I	624403	I	624403	I	100.3
624857	I	100.0	I	100.2	I	624511	I	624526	I	624752	I	624752	I	100.1
	I	100.0	I	100.5	I	625060	I	625060	S	625568	I	625568	I	100.2

INFORMATION NEEDED

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
Sample Size: n	Sum of Measurements: Sum(X)	Sum of Squared Measurements: Sum(X ** 2.0)	Correction Factor(CF): ((Sum(X) ** 2.0) / n )	Corrected Sum of Squares(SS): Sum(X ** 2.0) - CF	Variance(V): SS / (n-1)	Estimate of Lot Standard Deviation s: (V ** 0.5)	Sample Mean X Bar: Sum(X) / n	Upper Specification Limit: U	Lower Specification Limit: L
75	7,509.4	751,884.72	751,881.18	3.54	0.0478	100.12	102.00	98.00	8.60
									9.70
									0.00%
									0.00%
									0.00%
									4.83%
									PASS

\*\*\*\*\* DEVICES SELECTED BUT NOT TESTED \*\*\*\*\*  
 DEVICE# "NO TEST" CODE



GROUP NAME	METER TYPE	IN-SERVICE POPULATION	SAMPLE QUANTITY	METERS TESTED	PASSED/ FAILED
I70 - 9	D	10,000	75	75	PASS

ANALYZED TEST RESULTS PER ANSI/ASQC Z1.9-1993  
 DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
 ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
 AQL = 2.5% - INSPECTION LEVEL II - NORMAL INSPECTION

DEVIATION	TEST	ACCURACY	DATA	TEST	ACCURACY	DATA	TEST	ACCURACY	DATA
I	100.1	I	99.9	I	100.4	627127	I	100.1	627162
S	100.2	I	99.9	I	99.9	627504	I	100.1	627505
J	100.2	I	99.9	S	100.2	628028	I	100.2	628081
I	100.0	I	99.9	I	100.1	629008	I	100.1	629019
I	100.0	I	100.1	I	100.2	629572	I	100.0	629682
I	100.3	I	100.3	I	100.4	630324	I	100.0	630568
I	100.2	S	100.2	I	100.2	630924	I	100.2	631088
I	100.1	I	100.6	I	100.2	631616	I	100.2	631762
I	100.2	I	100.0	I	100.5	639932	I	100.2	640279
I	104.8	I	100.2	I	100.4	640464	I	99.9	640481
I	100.3	I	100.5	S	100.4	641018	I	100.0	641085
S	100.4	I	100.2	I	100.2	641503	I	100.5	641775
I	99.9	I	100.3	I	100.4	642201	I	100.6	642265
S	100.1	I	100.3	I	100.3	643105	S	100.3	643223
I	100.2	S	99.9	I	100.3	643637	I	100.0	644007

INFORMATION NEEDED

Sample Size: n  
 Sum of Measurements: Sum(X)  
 Sum of Squared Measurements: Sum(X \*\* 2.0)  
 Correction Factor(CF): ( Sum(X) \*\* 2.0) / n )  
 Corrected Sum of Squares(SS): Sum(X \*\* 2.0) - CF  
 Variance(V): SS / (n-1)  
 Estimate of lot Standard Deviation s: (V \*\* 0.5)  
 Sample Mean X Bar: Sum(X) / n  
 Upper Specification Limit: U  
 Lower Specification Limit: L  
 Quality Index(Qu): (U - Xbar) / s  
 Quality Index(Ql): (Xbar - L) / s  
 Estimate of lot Percent Ncf. Above U: PU  
 Estimate of lot Percent Ncf. Below L: PL  
 Total Estimate Percent Ncf. In Lot: p = PU + PL  
 Maximum Allowable Percent Ncf.: M  
 Acceptability Criterion: (PU + PL) <= M

VALUE OBTAINED

75  
 7,517.6  
 753,547.90  
 753,524.13  
 23.77  
 0.3212  
 0.5667  
 100.23  
 102.00  
 98.00  
 3.12  
 3.94  
 0.06%  
 0.00%  
 0.06%  
 4.83%  
 PASS

\*\*\*\*\* DEVICES SELECTED BUT NOT TESTED \*\*\*\*\*  
 DEVICE# "NO TEST" CODE COMMENTS

2003 SAMPLE TEST PROGRAM (JANUARY 1, 2003 TO DECEMBER 31, 2003)

GROUP NAME METER TYPE IN-SERVICE POPULATION SAMPLE QUANTITY METERS TESTED PASSED/FAILED  
I70 - 10 D 10,000 75 75 PASS

ANALYZED TEST RESULTS PER ANSI/ASQC Z1.9-1993  
DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
AQL = 2.5% - INSPECTION LEVEL II - NORMAL INSPECTION

DEVI	NUM	AND	FULL	TEST	ACCUR	DATA	TEST	METHOD
I	100.7	644878	644911	I	100.0	645218	100.3	I
I	100.1	654438	654891	I	99.9	655105	100.1	I
I	100.3	655311	655333	I	100.1	655576	100.0	I
S	100.2	656279	656604	I	100.2	656770	100.3	I
I	100.3	657136	657151	S	100.2	657897	100.3	I
S	99.8	661014	661183	S	99.8	661187	99.4	S
S	100.1	661378	661531	I	100.0	676732	100.5	J
I	99.6	676841	676981	I	100.1	677513	100.8	I
I	100.1	677869	677974	I	100.1	678066	99.8	I
I	99.9	678196	678376	I	99.9	678076	100.3	I
I	100.0	679165	679251	I	100.0	678788	100.2	I
S	100.2	679908	679927	I	100.3	679464	100.0	S
I	100.1	680235	680080	I	99.8	680121	100.4	S
S	99.9	680985	680363	I	100.2	680712	100.2	I
I	100.1	682007	681438	I	100.3	681557	100.3	I
I	100.1	682029	682054	S	100.0	682237	100.1	I
S	100.2	682072	682054	S	100.0	682237	100.2	I
S	100.3	682111	682054	S	100.0	682237	100.3	I
S	100.3	682183	682054	S	100.0	682237	100.3	I
S	100.3	682183	682054	S	100.0	682237	100.3	I
S	100.3	682183	682054	S	100.0	682237	100.3	I
S	100.3	682183	682054	S	100.0	682237	100.3	I
S	100.3	682183	682054	S	100.0	682237	100.3	I
S	100.3	682183	682054	S	100.0	682237	100.3	I

INFORMATION NEEDED

VALUE OBTAINED

Sample Size: n 75  
Sum of Squared Measurements: Sum(X) 7,510.8  
Correction Factor(CF): ((Sum(X)\*\*2.0) / n) 752,165.54  
Corrected Sum of Squares(SS): Sum(X\*\*2.0) - CF 752,161.56  
Variance(V): SS / (n-1) 3.98  
Estimate of Lot Standard Deviation s: (V \*\* 0.5) 0.0538  
Sample Mean X Bar: Sum(X) / n 0.2319  
Upper Specification Limit: U 100.14  
Lower Specification Limit: L 98.00  
Quality Index(Qu): (U - Xbar) / s 8.02  
Quality Index(Ql): (Xbar - L) / s 9.23  
Estimate of Lot Percent Ncf. Above U: PU 0.00%  
Estimate of Lot Percent Ncf. Below L: PL 0.00%  
Total Estimate Percent Ncf. In Lot: P = PU + PL 0.00%  
Maximum Allowable Percent Ncf.: M 4.83%  
Acceptability Criterion: (PU + PL) <= M PASS

\*\*\*\*\* DEVICES SELECTED BUT NOT TESTED \*\*\*\*\*  
DEVICE# "NO TEST" CODE COMMENTS

LOUISVILLE GAS & ELECTRIC COMPANY  
2003 SAMPLE TEST PROGRAM (JANUARY 1, 2003 TO DECEMBER 31, 2003)

CIMS920

GROUP NAME	METER TYPE	IN-SERVICE POPULATION	SAMPLE QUANTITY	METERS TESTED	PASSED/FAILED
I70 - 11	D	3,481	75	75	PASS

ANALYZED TEST RESULTS PER ANSI/ASQC Z1.9-1993  
DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
AQL = 2.5% - INSPECTION LEVEL II - NORMAL INSPECTION

DEVICE NUMBER	FULL LOAD TEST ACCURACY	DATA	DEVIATION METHOD
682405	100.0	682443	I
682593	100.3	682629	S
689254	100.7	689292	J
689580	100.3	689611	I
689748	100.1	689787	I
689843	100.0	689852	I
689929	100.4	690016	I
690302	100.0	690478	I
690605	100.2	690682	I
691138	100.1	691184	S
691257	100.0	691267	I
691495	100.0	691500	S
691697	99.9	691703	I
691965	100.0	691978	I
692017	99.7	698487	S
682557	100.1	682518	I
689230	99.6	682874	S
689482	99.9	689398	I
689700	99.9	689666	I
689834	100.1	689829	S
689872	100.0	689867	I
690282	100.0	690196	S
690572	100.3	690514	S
691062	100.2	690971	I
691229	100.1	691205	I
691456	100.2	691385	I
691689	100.3	691559	S
691832	100.2	691722	I
692006	100.1	691995	I
702290	99.9	698622	S

INFORMATION NEEDED

VALUE OBTAINED

Sample Size: n  
 Sum of Measurements: Sum(X)  
 Sum of Squared Measurements: Sum(X \*\* 2.0)  
 Correction Factor(CF): ((Sum(X) \*\* 2.0) / n)  
 Corrected Sum of Squares(SS): Sum(X \*\* 2.0) - CF  
 Variance(V): SS / (n-1)  
 Estimate of Lot Standard Deviation s: (V \*\* 0.5)  
 Sample Mean X Bar: Sum(X) / n  
 Upper Specification Limit: U  
 Lower Specification Limit: L  
 Quality Index(Ou): (U - Xbar) / s  
 Quality Index(ql): (Xbar - L) / s  
 Estimate of Lot Percent Ncf. Above U: PU  
 Estimate of Lot Percent Ncf. Below L: PL  
 Total Estimate Percent Ncf. In Lot: P = PU + PL  
 Maximum Allowable Percent Ncf.: M  
 Acceptability Criterion: (PU + PL) <= M

\*\*\*\*\* DEVICES SELECTED BUT NOT TESTED \*\*\*\*\*  
 DEVICE# "NO TEST" CODE COMMENTS

2003 SAMPLE TEST PROGRAM (JANUARY 1, 2003 TO DECEMBER 31, 2003)

GROUP NAME	METER TYPE	IN-SERVICE POPULATION	SAMPLE QUANTITY	METERS TESTED	PASSED/ FAILED
J	F	15	3	3	PASS

ANALYZED TEST RESULTS PER ANSI/ASQC Z1.9-1993  
 DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
 ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
 AQL = 2.5% - INSPECTION LEVEL II - NORMAL INSPECTION

\*\*\*\*\* DEVICE NUMBER AND FULL LOAD TEST ACCURACY DATA \*\*\*\*\*  
 165811 J 101.0 166769 J 100.5 171379 J 100.1 \*\*\*\*\*

INFORMATION NEEDED

VALUE OBTAINED

Sample Size: n 3  
 Sum of Measured Measurements: Sum(X) 301.6  
 Sum of Squared Measurements: Sum(X \*\* 2.0) 30,321.26  
 Correction Factor(CF): ( Sum(X) \*\* 2.0) / n ) 30,320.85  
 Corrected Sum of Squares(SS): Sum(X \*\* 2.0) - CF 0.41  
 Variance(V): SS / (n-1) 0.2050  
 Estimate of Lot Standard Deviation s: (V \*\* 0.5) 0.4528  
 Sample Mean X Bar: Sum(X) / n 100.53  
 Upper Specification Limit: U 102.00  
 Lower Specification Limit: L 98.00  
 Quality Index(Qu): (U - Xbar) / s 3.25  
 Quality Index(Ql): (Xbar - L) / s 5.59  
 Estimate of Lot Percent Ncf. Above U: PU 0.00%  
 Estimate of Lot Percent Ncf. Below L: PL 0.00%  
 Total Estimate Percent Ncf. In Lot: P = PU + PL 0.00%  
 Maximum Allowable Percent Ncf.: M 7.59%  
 Acceptability Criterion: (PU + PL) <= M PASS

\*\*\*\*\* DEVICES SELECTED BUT NOT TESTED \*\*\*\*\*  
 DEVICE# "NO TEST" CODE \*\*\*\*\*

LOUISVILLE GAS & ELECTRIC COMPANY  
 IN-SERVICE POPULATION 1,422  
 METER TYPE F  
 SAMPLE QUANTITY 50  
 METERS TESTED 50  
 PASSED/FAILED PASS

ANALYZED TEST RESULTS PER ANSI/ASQC Z1.9-1993  
 DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
 ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
 AQL = 2.5% - INSPECTION LEVEL II - NORMAL INSPECTION

GROUP NAME	METER TYPE	IN-SERVICE POPULATION	SAMPLE QUANTITY	METERS TESTED	PASSED/FAILED
J2	F	1,422	50	50	PASS

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****					
DEVIATION	TEST	ACCURACY	DATA	*****	*****	*****	*****	*****	*****					
229154	J	99.5	234684	J	100.5	241023	J	99.6	241072	J	99.5	244389	J	100.9
244401	J	99.5	245152	J	99.8	245245	J	99.8	247497	J	100.7	247665	J	100.1
253587	J	99.4	253678	J	100.2	253872	J	101.3	253956	J	100.2	255456	J	99.7
255486	J	99.7	255521	J	99.9	258407	J	99.7	258880	J	99.7	258921	J	100.4
261517	J	100.3	261533	J	99.5	261555	J	99.8	262356	J	100.5	262513	J	99.9
262625	J	100.4	262744	J	99.9	267038	J	100.4	267508	J	99.6	267546	J	100.3
267836	J	99.1	268109	J	99.6	271953	J	99.8	272234	J	99.9	272637	J	99.4
272881	J	99.2	272967	J	98.5	273381	J	98.6	276668	J	99.9	282852	J	100.1
283161	J	100.2	288280	J	100.1	289139	J	103.6	289175	J	99.3	289694	J	99.7
289710	J	102.8	289783	J	100.3	289811	J	99.0	289870	J	98.8	293968	J	100.3

INFORMATION NEEDED

Sample Size: n  
 Sum of Measurements: Sum(X)  
 Sum of Squared Measurements: Sum(X \*\* 2.0)  
 Correction Factor(CF): ( Sum(X) \*\* 2.0) / n )  
 Corrected Sum of Squares(SS): Sum(X \*\* 2.0) - CF  
 Variance(V): SS / (n-1)  
 Estimate of Lot Standard Deviation s: (V \*\* 0.5)  
 Sample Mean X Bar: Sum(X) / n  
 Upper Specification Limit: U  
 Lower Specification Limit: L  
 Quality Index(Qi): (U - Xbar) / s  
 Quality Index(Ql): (Xbar - L) / s  
 Estimate of Lot Percent Ncf. Above U: PU  
 Estimate of Lot Percent Ncf. Below L: PL  
 Total Estimate Percent Ncf. In Lot: P = PU + PL  
 Maximum Allowable Percent Ncf.: M  
 Acceptability Criterion: (PU + PL) <= M

VALUE OBTAINED

50  
 4,998.9  
 499,816.73  
 499,780.02  
 0.7492  
 0.8656  
 99.97  
 102.00  
 98.00  
 2.35  
 2.28  
 0.79%  
 0.98%  
 1.77%  
 5.21%  
 PASS

\*\*\*\*\* DEVICES SELECTED BUT NOT TESTED \*\*\*\*\*  
 DEVICE# "NO TEST" CODE COMMENTS

GROUP NAME	METER TYPE	IN-SERVICE POPULATION	SAMPLE QUANTITY	METERS TESTED	PASSED/ FAILED	TESTING INCOMPLETE
J3	F	5,936	75	72	PASS	TESTING INCOMPLETE

ANALYZED TEST RESULTS PER ANSI/ASQC Z1.9-1993  
 DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
 ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
 AQL = 2.5% - INSPECTION LEVEL II - NORMAL INSPECTION

DEVICES	TESTED	TESTING INCOMPLETE	TESTING INCOMPLETE	TESTING INCOMPLETE	TESTING INCOMPLETE	TESTING INCOMPLETE	TESTING INCOMPLETE	TESTING INCOMPLETE	TESTING INCOMPLETE					
301506	J	100.2	301549	J	99.7	301550	J	100.1	301604	J	100.5	301745	J	100.7
301908	J	101.2	301925	J	100.6	302030	J	100.1	302292	J	100.8	302375	J	100.3
302622	J	100.4	302681	J	100.0	302712	J	100.6	302716	J	100.4	302775	J	100.0
304981	J	100.4	305562	J	100.4	305591	J	100.2	305644	J	98.7	305798	J	100.2
305822	J	100.1	309803	J	101.8	309893	J	100.2	310170	J	101.3	310206	J	101.1
310484	J	99.7	310565	J	100.5	310618	J	100.4	310891	J	101.2	310913	J	101.9
315438	J	100.0	315457	J	100.7	315475	J	100.2	315753	J	99.3	315835	J	99.8
316014	J	99.9	318594	J	100.2	319289	J	99.6	323349	J	100.7	323535	J	100.6
323663	J	100.0	332199	J	100.6	332327	J	100.2	332444	J	100.7	332496	J	100.0
332642	J	100.5	332714	J	100.2	336643	J	100.1	336922	J	100.7	336929	J	99.8
336942	J	100.2	336980	J	100.6	337223	J	100.1	337243	J	99.1	337376	J	99.9
350603	J	99.9	355671	J	100.6	359890	J	100.3	359975	J	99.3	364597	J	99.6
369403	J	101.0	373817	J	100.0	373941	J	100.8	374128	J	99.4	374460	J	99.9
374552	J	99.3	379229	J	100.3	379663	J	99.3	383444	J	99.7	383519	J	98.9
383671	J	101.1	384018	J	99.7	384071	J	99.6	384100	J	100.4			

INFORMATION NEEDED VALUE OBTAINED

Sample Size: n  
 Sum of Measurements: Sum(X)  
 Sum of Squared Measurements: Sum(X \*\* 2.0)  
 Correction Factor(CF): ((Sum(X) \*\* 2.0) / n)  
 Corrected Sum of Squares(SS): Sum(X \*\* 2.0) - CF  
 Variance(V): SS / (n-1)  
 Estimate of Lot Standard Deviation s: (V \*\* 0.5)  
 Sample Mean X Bar: Sum(X) / n  
 Upper Specification Limit: U  
 Lower Specification Limit: L  
 Quality Index(Qu): (U - Xbar) / s  
 Quality Index(Ql): (Xbar - L) / s  
 Estimate of Lot Percent Ncf: Above U: PU  
 Estimate of Lot Percent Ncf: Below L: PL  
 Total Estimate Percent Ncf: In Lot: P = PU + PL  
 Maximum Allowable Percent Ncf.: M  
 Acceptability Criterion: (PU + PL) <= M

\*\*\*\*\* DEVICES SELECTED BUT NOT TESTED \*\*\*\*\*  
 DEVICE# "NO TEST" CODE VANDALIZED  
 301493

GROUP NAME	METER TYPE	IN-SERVICE POPULATION	SAMPLE QUANTITY	METERS TESTED	PASSED/ FAILED
J4	F	10,000	75	75	PASS

ANALYZED TEST RESULTS PER ANSI/ASQC Z1.9-1993  
 DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
 ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
 AQL = 2.5% - INSPECTION LEVEL II - NORMAL INSPECTION

DEVI	NUM	AND	FULL	LOAD	TEST	ACCURACY	DATA	TEST	ACCURACY	DATA	TEST	ACCURACY	DATA	
388102	J	100.4	388222	J	100.3	388234	J	100.6	388328	J	100.2	388337	I	100.7
388460	I	100.0	388507	J	100.2	388737	J	100.0	388924	J	99.6	393005	J	100.2
393056	J	100.6	393091	J	100.3	393206	J	99.6	393431	J	99.7	393573	J	99.9
393855	J	100.4	393904	J	99.5	397614	J	99.3	397667	J	99.8	398178	J	99.9
398277	J	99.9	402721	J	100.1	403018	J	99.9	403078	J	100.6	403109	J	100.3
403140	J	100.6	407640	J	100.0	407678	J	100.6	407770	J	100.2	408017	J	100.4
408126	J	100.1	408562	J	100.0	412047	J	100.7	412352	J	100.4	412417	J	100.1
412566	J	100.8	417194	J	100.2	417216	J	100.1	417224	J	100.3	417635	J	100.7
417785	J	100.2	421890	J	100.6	422281	S	100.2	422670	J	100.4	422778	J	107.8
427113	J	99.8	427280	J	99.9	427645	J	100.8	427826	J	100.2	427853	J	101.3
433197	J	100.4	433213	J	100.7	433440	J	100.7	433493	J	100.2	433595	J	100.7
433681	J	100.7	433735	J	100.1	433809	I	99.6	438112	J	100.2	438780	J	99.7
439138	J	99.9	439272	J	100.2	443184	J	99.8	443428	J	99.4	443485	J	100.1
446938	J	99.7	446970	J	100.5	447108	J	100.8	447218	J	100.2	449640	J	100.3
449813	J	100.2	453533	J	100.4	453575	J	99.8	456728	J	100.4	456992	J	99.6

INFORMATION NEEDED

Sample Size: n  
 Sum of Measurements: Sum(X)  
 Sum of Squared Measurements: Sum(X \*\* 2.0)  
 Correction Factor(CF): ( Sum(X) \*\* 2.0) / n )  
 Corrected Sum of Squares(SS): Sum(X \*\* 2.0) - CF  
 Variance(V): SS / (n-1)  
 Estimate of Lot Standard Deviation s: (V \*\* 0.5)  
 Sample Mean X Bar: Sum(X) / n  
 Upper Specification Limit: U  
 Lower Specification Limit: L  
 Quality Index(Qu): (U - Xbar) / s  
 Quality Index(Ql): (Xbar - L) / s  
 Estimate of Lot Percent Ncf: Above U: PU  
 Estimate of Lot Percent Ncf: Below L: PL  
 Total Estimate Percent Ncf: In Lot: p = PU + PL  
 Maximum Allowable Percent Ncf: M  
 Acceptability Criterion: (PU + PL) <= M

VALUE OBTAINED

75  
 7,522.7  
 754,614.83  
 754,546.87  
 67.96  
 0.9184  
 0.9583  
 100.30  
 102.00  
 98.00  
 1.77  
 2.40  
 3.73%  
 0.73%  
 4.46%  
 4.83%  
 PASS

\*\*\*\*\* DEVICES SELECTED BUT NOT TESTED \*\*\*\*\*  
 DEVICE# "NO TEST" CODE COMMENTS

GROUP NAME J4 - 2  
METER TYPE F  
IN-SERVICE POPULATION 3,528  
SAMPLE QUANTITY 75  
METERS TESTED 75  
PASSED/ FAILED/ PASS

ANALYZED TEST RESULTS PER ANSI/ASQC Z1.9-1993  
DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
AQL = 2.5% - INSPECTION LEVEL II - NORMAL INSPECTION

DEVICE NUMBER	DEVIATION	TEST	ACCURACY	DATA	TEST	ACCURACY	DATA	TEST	ACCURACY	DATA
460343	J	100.5	99.9	468009	J	100.5	99.9	468041	J	101.7
468172	J	99.4	100.5	468221	J	100.5	99.5	468478	J	99.6
470110	J	100.1	99.3	470150	J	100.2	100.2	470186	J	99.6
470315	J	100.0	100.1	470327	J	100.1	100.1	470461	J	100.7
470490	J	100.6	100.4	470514	J	100.4	99.6	473650	S	100.8
473758	I	99.7	100.4	473787	J	100.4	99.6	473806	J	100.0
473870	J	100.4	99.5	473875	I	100.4	100.4	473921	J	99.3
478023	J	100.6	100.8	478143	J	100.8	100.0	485983	I	100.6
486302	J	100.0	99.4	486375	I	100.8	100.0	486150	I	99.5
492645	I	100.2	99.4	492662	I	99.4	99.8	492216	I	100.4
492742	S	100.1	100.5	492769	I	100.5	99.8	492696	I	100.4
492959	I	99.6	100.1	492976	I	100.1	100.3	492903	I	100.0
496132	I	100.3	100.5	496165	I	100.9	100.9	493028	I	99.8
496302	I	99.5	100.3	496377	I	100.3	99.8	496171	I	100.2
499834	I	100.6	99.8	499840	S	100.1	100.5	499685	I	100.7
								499881	I	100.5

INFORMATION NEEDED

VALUE OBTAINED

Sample Size: n 75  
Sum of Measurements: Sum(x) 7,510.5  
Sum of Squared Measurements: Sum(x \*\* 2.0) 752,115.67  
Correction Factor(CF): ((Sum(x) \*\* 2.0) / n ) 752,101.47  
Corrected Sum of Squares(SS): Sum(x \*\* 2.0) - CF 14.20  
Variance(V): SS / (n-1) 0.1919  
Estimate of Lot Standard Deviation s: (V \*\* 0.5) 0.4381  
Sample Mean X Bar: Sum(x) / n 102.00  
Upper Specification Limit: U 98.00  
Lower Specification Limit: L 4.25  
Quality Index(Ou): (U - Xbar) / s 4.88  
Quality Index(Ol): (Xbar - L) / s 4.88  
Estimate of Lot Percent Ncf. Above U: PU 0.00%  
Estimate of Lot Percent Ncf. Below L: PL 0.00%  
Total Estimate Percent Ncf. In Lot: p = PU + PL 0.00%  
Maximum Allowable Percent Ncf.: M 4.83%  
Acceptability Criterion: (PU + PL) <= M PASS

\*\*\*\*\* DEVICES SELECTED BUT NOT TESTED \*\*\*\*\*  
DEVICE# "NO TEST" CODE COMMENTS



LOUISVILLE GAS & ELECTRIC COMPANY

GROUP NAME	METER TYPE	IN-SERVICE POPULATION	SAMPLE QUANTITY	METERS TESTED	PASSED/ FAILED
J4E	F	594	35	35	PASS

ANALYZED TEST RESULTS PER ANSI/ASQC Z1.9-1993  
DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
AQL = 2.5% - INSPECTION LEVEL II - NORMAL INSPECTION

DEVICE NUMBER	FULL LOAD TEST ACCURACY DATA	DEVIATION METHOD
734132	734137	100.2
734227	734269	99.8
734301	739982	100.0
740061	740065	101.0
740261	740262	100.8
740292	740324	100.7
740390	740401	101.0
734210	734198	100.3
734296	734295	100.6
740060	740035	101.0
740255	740128	100.6
740290	740288	101.1
740374	740359	100.0
756250	756244	100.6

INFORMATION NEEDED VALUE OBTAINED

Sample Size: n	35
Sum of Measurements: Sum(X)	3,520.7
Sum of Squared Measurements: Sum(X ** 2.0)	354,157.85
Correction Factor(CF): ((Sum(X) ** 2.0) / n)	354,152.24
Corrected Sum of Squares(SS): Sum(X ** 2.0) - CF	5.61
Variance(V): SS / (n-1)	0.1650
Estimate of Lot Standard Deviation s: (V ** 0.5)	0.4062
Sample Mean X Bar: Sum(X) / n	100.59
Upper Specification Limit: U	102.00
Lower Specification Limit: L	98.00
Quality Index(Qi): (U - Xbar) / s	3.47
Quality Index(Ql): (Xbar - L) / s	6.38
Estimate of Lot Percent Ncf. Above U: PU	0.00%
Estimate of Lot Percent Ncf. Below L: PL	0.00%
Total Estimate Percent Ncf. In Lot: P = PU + PL	0.00%
Maximum Allowable Percent Ncf.: M	5.58%
Acceptability Criterion: (PU + PL) <= M	PASS

\*\*\*\*\* DEVICES SELECTED BUT NOT TESTED \*\*\*\*\*  
DEVICE# "NO TEST" CODE COMMENTS

GROUP NAME METER TYPE METER SERVICE SAMPLE METERS PASSED/  
J5 F 10,000 POPULATION QUANTITY TESTED FAILED  
75 74 PASS

ANALYZED TEST RESULTS PER ANSI/ASQC Z1.9-1993  
DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
AQL = 2.5% - INSPECTION LEVEL II - NORMAL INSPECTION

512253	I	99.9	I	99.2	I	512635	I	100.2	I	512785	I	99.6	I	512899	I	100.3
513053	R	99.8	I	100.3	I	513883	I	99.5	I	513963	I	100.7	I	514000	I	100.4
514460	I	100.3	S	98.0	S	514552	I	99.4	I	514707	I	100.5	I	516786	I	100.8
517008	I	99.9	S	99.9	S	517277	I	100.3	I	517477	I	100.1	I	517690	S	100.1
517776	I	100.3	I	100.1	I	517915	I	100.2	I	517964	I	100.0	I	521220	I	99.7
521383	I	99.6	I	100.0	I	521389	I	99.1	J	521831	I	99.9	S	525563	I	99.6
525699	I	100.2	I	100.2	I	525798	I	100.3	I	525897	I	99.7	I	526051	I	100.5
526294	I	99.7	I	100.2	I	526381	I	100.0	I	526454	I	100.6	I	527069	I	100.3
527144	I	100.6	I	100.4	I	527335	I	100.0	S	527434	I	100.1	I	528115	I	100.1
528129	I	100.0	S	99.8	S	528221	I	100.1	I	528522	I	99.3	S	528931	I	99.9
530342	I	100.6	I	100.5	I	530443	I	100.3	I	530533	I	100.2	I	530659	I	100.1
530801	I	100.0	I	99.8	I	530891	I	99.9	I	531020	I	99.0	I	531524	I	99.8
533798	S	100.2	S	99.7	S	533806	S	99.9	I	533962	I	100.5	I	534265	I	100.0
534269	I	100.2	S	100.0	S	534330	I	100.3	I	534409	I	100.1	I	534480	I	99.6
534848	I	100.1	I	100.1	I	535012	I	99.7	I	535233	I	100.2	I		I	

INFORMATION NEEDED

Sample Size: n  
Sum of Measurements: Sum(X)  
Sum of Squared Measurements:  $\sum(X ** 2.0)$   
Correction Factor(CF):  $(\sum(X) ** 2.0) / n$   
Corrected Sum of Squares(SS):  $\sum(X ** 2.0) - CF$   
Variance(V):  $SS / (n-1)$   
Estimate of Lot Standard Deviation s:  $(V ** 0.5)$   
Sample Mean X Bar:  $\sum(X) / n$   
Upper Specification Limit: U  
Lower Specification Limit: L  
Quality Index(Qu):  $(U - Xbar) / s$   
Quality Index(Ql):  $(Xbar - L) / s$   
Estimate of Lot Percent Ncf. Above U: PU  
Estimate of Lot Percent Ncf. Below L: PL  
Total Estimate Percent Ncf. In Lot:  $P = PU + PL$   
Maximum Allowable Percent Ncf.: M  
Acceptability Criterion:  $(PU + PL) <= M$

VALUE OBTAINED

74  
7,400.5  
740,113.67  
740,100.00  
13.67  
0.1873  
0.4328  
100.00  
102.00  
98.00  
4.62  
4.62  
0.00%  
0.00%  
0.00%  
4.83%  
PASS

\*\*\*\*\* DEVICES SELECTED BUT NOT TESTED \*\*\*\*\*  
DEVICE# "NO TEST" CODE  
530949 P OPEN POTENTIAL COIL  
\*\*\*\*\*

GROUP NAME	METER TYPE	IN-SERVICE POPULATION	SAMPLE QUANTITY	METERS TESTED	PASSED/ FAILED
J5 - 2	F	10,000	75	75	PASS

ANALYZED TEST RESULTS PER ANSI/ASQC Z1.9-1993  
 DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
 ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
 AQL = 2.5% - INSPECTION LEVEL II - NORMAL INSPECTION

*****	DEVIATION	NUMBER	AND	TEST	ACCURACY	DATA	*****	*****
I	99.8	S	100.0	S	99.4	540172	I	100.2
I	100.0	I	100.0	S	100.4	544747	I	100.2
I	99.8	I	100.2	S	100.3	545087	I	100.4
I	101.0	I	100.1	I	100.7	548974	I	100.5
I	100.3	I	100.4	I	100.2	549754	I	100.3
I	99.8	I	100.4	I	100.2	550503	I	100.3
I	100.2	I	100.5	I	100.2	551237	I	100.8
I	99.7	I	100.4	I	100.3	555947	I	100.2
I	101.3	I	99.7	I	100.3	556007	S	100.1
I	99.8	I	100.7	I	100.2	556603	I	99.9
I	100.2	S	100.7	I	100.0	556997	I	99.9
I	100.2	S	100.4	I	100.1	557199	I	101.4
I	99.8	I	100.0	S	99.8	557248	I	99.9
I	99.8	I	100.0	I	100.6	558197	I	99.8
I	99.8	I	100.1	I	100.6	558717	I	99.8
I	100.0	I	100.3	I	100.1	586302	S	100.2
I	99.8	I	100.1	I	100.6	585754	I	99.9
I	100.0	I	100.3	I	100.1	586584	I	100.2

VALUE OBTAINED

Sample Size: n	75
Sum of Measurements: Sum(X)	7,515.0
Sum of Squared Measurements: Sum(X ** 2.0)	753,012.74
Correction Factor(CF): ((Sum(X) ** 2.0) / n)	753,003.00
Corrected Sum of Squares(SS): Sum(X ** 2.0) - CF	9.74
Variance(V): SS / (n-1)	0.1316
Estimate of Lot Standard Deviation s: (V ** 0.5)	0.3628
Sample Mean X Bar: Sum(X) / n	100.20
Upper Specification Limit: U	102.00
Lower Specification Limit: L	98.00
Quality Index(Qu): (U - Xbar) / s	4.96
Quality Index(Ql): (Xbar - L) / s	6.06
Estimate of Lot Percent Ncf. Above U: PU	0.00%
Estimate of Lot Percent Ncf. Below L: PL	0.00%
Total Estimate Percent Ncf. In Lot: P = PU + PL	0.00%
Maximum Allowable Percent Ncf.: M	4.83%
Acceptability Criterion: (PU + PL) <= M	PASS

\*\*\*\*\* DEVICES SELECTED BUT NOT TESTED \*\*\*\*\*  
 DEVICE# "NO TEST" CODE COMMENTS

INFORMATION NEEDED

GROUP NAME	METER TYPE	IN-SERVICE POPULATION	SAMPLE QUANTITY	METERS TESTED	PASSED/ FAILED	DEVIATION METHOD
J5 - 3	F	10,000	75	75	PASS	COMBINED

ANALYZED TEST RESULTS PER ANSI/ASQC Z1.9-1993  
DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
AQL = 2.5% - INSPECTION LEVEL II - NORMAL INSPECTION

DEVICE NUMBER	FULL LOAD TEST ACCURACY	DATA	DEVIATION METHOD
566616	100.0	I	I
566642	99.9	I	I
567340	100.3	I	I
574182	100.2	I	I
579376	100.7	I	I
579801	100.1	S	I
580821	99.6	I	I
581556	100.0	I	I
584454	100.3	I	I
584472	100.1	I	I
584929	100.2	I	I
585338	100.4	I	I
589232	100.2	I	I
589783	99.6	I	I
590708	100.2	I	I
599456	100.2	I	I
599986	100.4	I	I
566848	100.3	I	I
567824	100.0	I	I
579209	100.3	I	I
579729	100.6	I	I
580458	100.0	I	I
581433	100.5	I	I
584147	100.3	I	I
584842	100.1	I	I
585000	100.6	I	I
588984	100.0	I	I
589408	100.9	I	I
590505	100.1	I	I
591306	100.6	I	I
599750	100.4	I	I
600518	100.5	I	I

INFORMATION NEEDED

Sample Size: n  
Sum of Measurements: Sum(X)  
Sum of Squared Measurements: Sum(X \*\* 2.0)  
Correction Factor(CF): ((Sum(X) \*\* 2.0) / n)  
Corrected Sum of Squares(SS): Sum(X \*\* 2.0) - CF  
Variance(V): SS / (n-1)  
Estimate of Lot Standard Deviation s: (V \*\* 0.5)  
Sample Mean X Bar: Sum(X) / n  
Upper Specification Limit: U  
Lower Specification Limit: L  
Quality Index(Qi): (U - Xbar) / s  
Quality Index(Ql): (Xbar - L) / s  
Estimate of Lot Percent Ncf. Above U: PU  
Estimate of Lot Percent Ncf. Below L: PL  
Total Estimate Percent Ncf. In Lot: P = PU + PL  
Maximum Allowable Percent Ncf.: M  
Acceptability Criterion: (PU + PL) <= M

VALUE OBTAINED

75  
7,515.3  
753,069.11  
753,063.12  
5.99  
0.0809  
0.2844  
100.20  
102.00  
98.00  
6.33  
7.74  
0.00%  
0.00%  
0.00%  
4.83%  
PASS

\*\*\*\*\* DEVICES SELECTED BUT NOT TESTED \*\*\*\*\*  
DEVICE# "NO TEST" CODE \*\*\*\*\*

GROUP NAME	METER TYPE	IN-SERVICE POPULATION	SAMPLE QUANTITY	METERS TESTED	PASSED/FAILED
J5 - 4	F	10,000	75	74	PASS

ANALYZED TEST RESULTS PER ANSI/ASQC Z1.9-1993  
 DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
 ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
 AQL = 2.5% - INSPECTION LEVEL II - NORMAL INSPECTION

DEVI	NUM	AND	FULL	TEST	ACCURACY	DATA	DEVI	NUM	AND	FULL	TEST	ACCURACY	DATA	DEVI	NUM	AND	FULL	TEST	ACCURACY	DATA	DEVI	NUM	AND	FULL	TEST	ACCURACY	DATA
I	100.0	S	100.3	I	100.1	600776	I	100.3	I	100.1	601078	I	100.3	S	100.3	601408	I	100.3	I	100.3	601408	S	100.3	I	100.3	601408	
I	100.1	I	100.0	I	100.5	601927	I	100.5	I	100.5	602295	I	100.5	I	100.5	602495	J	100.5	I	100.5	602495	J	100.5	I	100.5	602495	
I	100.2	S	100.8	I	100.2	608302	I	100.2	I	100.2	608747	I	100.2	I	100.2	608863	I	100.2	I	100.2	608863	I	100.2	I	100.2	608863	
I	100.4	I	100.9	I	100.3	609109	S	100.3	I	100.3	609199	I	100.3	I	100.2	609285	I	100.3	I	100.2	609285	I	100.3	I	100.2	609285	
I	100.1	I	100.1	I	100.3	609485	I	100.3	I	100.3	609930	I	100.3	I	100.1	610114	I	100.3	I	100.1	610114	I	100.3	I	100.1	610114	
I	100.1	I	100.3	I	100.1	610368	I	100.1	I	100.2	634394	I	100.2	I	100.3	634529	I	100.2	I	100.3	634529	I	100.2	I	100.3	634529	
I	100.0	I	100.3	I	100.1	634605	I	100.1	I	100.0	634737	I	100.0	I	100.0	634844	I	100.0	I	100.0	634844	I	100.0	I	100.0	634844	
I	100.8	I	100.3	I	100.3	635405	I	100.3	I	100.2	635588	I	100.2	I	100.1	635856	I	100.1	I	100.1	635856	I	100.1	I	100.1	635856	
I	100.0	I	100.0	I	100.0	636116	I	100.0	I	100.2	657686	I	100.2	I	100.4	657545	I	100.4	I	100.4	657545	I	100.4	I	100.4	657545	
I	100.9	I	100.0	I	100.0	657674	I	100.0	I	100.1	661987	I	100.1	I	100.8	661998	I	100.8	I	100.8	661998	I	100.8	I	100.8	661998	
I	100.8	I	100.9	I	100.0	662134	I	100.0	I	100.2	662242	I	100.2	I	100.6	662345	I	100.6	I	100.6	662345	I	100.6	I	100.6	662345	
I	100.8	I	100.9	I	100.9	662594	I	100.9	I	100.8	662609	I	100.8	I	100.9	662724	I	100.9	I	100.9	662724	I	100.9	I	100.9	662724	
I	100.9	I	100.8	I	100.7	663046	I	100.7	I	100.9	663310	I	100.9	I	100.8	663409	I	100.8	I	100.8	663409	I	100.8	I	100.8	663409	
I	100.9	I	100.0	I	100.0	663550	I	100.0	I	100.6	663707	I	100.6	I	100.9	663975	I	100.9	I	100.9	663975	I	100.9	I	100.9	663975	
I	100.4	I	100.5	I	100.5	664323	I	100.5	I	100.5	664341	I	100.5	I	100.6	664420	I	100.6	I	100.6	664420	I	100.6	I	100.6	664420	

VALUE OBTAINED

INFORMATION NEEDED

Sample Size: n  
 Sum of Measurements: Sum(X)  
 Sum of Squared Measurements: Sum(X \*\* 2.0)  
 Correction Factor(CF): ( (Sum(X) \*\* 2.0) / n )  
 Corrected Sum of Squares(SS): Sum(X \*\* 2.0) - CF  
 Variance(V): SS / (n-1)  
 Estimate of Lot Standard Deviation s: (V \*\* 0.5)  
 Sample Mean X Bar: Sum(X) / n  
 Upper Specification Limit: L  
 Lower Specification Limit: L  
 Quality Index(Qu): (U - Xbar) / s  
 Quality Index(Ql): (Xbar - L) / s  
 Estimate of Lot Percent Ncf. Above U: PU  
 Estimate of Lot Percent Ncf. Below L: PL  
 Total Estimate Percent Ncf. In Lot: P = PU + PL  
 Maximum Allowable Percent Ncf.: M  
 Acceptability Criterion: (PU + PL) <= M

\*\*\*\*\* DEVICES SELECTED BUT NOT TESTED \*\*\*\*\*  
 DEVICE# "NO TEST" CODE COMMENTS  
 609963 L LOST/STOLEN

GROUP NAME	METER TYPE	IN-SERVICE POPULATION	SAMPLE QUANTITY	METERS TESTED	PASSED/ FAILED
J5 - 5	F	10,000	75	75	PASS

ANALYZED TEST RESULTS PER ANSI/ASQC Z1.9-1993  
DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
AQL = 2.5% - INSPECTION LEVEL II - NORMAL INSPECTION

DEVIATION METHOD	TESTED	DEVIATION METHOD	TESTED	TESTED	TESTED	TESTED
I	99.6	I	99.5	S	99.8	664978
I	99.3	I	99.7	I	100.4	665603
I	100.3	I	99.9	S	99.8	666186
I	99.5	I	100.1	S	99.8	667078
I	100.1	I	100.3	I	99.9	668363
I	100.2	I	99.9	S	100.2	669316
I	99.8	I	99.6	I	99.9	669651
I	99.9	I	100.2	S	99.5	670295
J	100.1	S	100.4	I	100.2	683212
I	99.4	I	100.0	S	100.2	683826
I	99.9	I	99.4	S	99.7	684579
S	99.6	S	100.3	S	99.5	684776
S	100.0	S	99.9	S	100.0	685418
I	100.0	S	100.6	S	100.1	686039
I	99.7	S	99.8	S	99.8	687115
I	99.6	S	99.7	S	100.1	665193
I	99.7	S	99.6	S	100.0	665622
I	99.8	S	100.0	S	100.0	666477
I	100.3	S	99.9	S	99.7	667160
I	99.7	S	99.7	S	99.6	668602
I	100.1	S	99.6	S	99.7	669430
I	100.3	S	100.2	S	99.7	669852
I	100.1	S	100.2	S	100.1	670539
I	99.6	S	100.2	S	99.7	683452
I	99.6	S	99.7	S	99.8	683963
I	99.8	S	99.7	S	99.4	684626
I	100.4	S	100.3	S	100.3	684782
I	100.1	S	100.2	S	100.2	685483
I	100.0	S	100.1	S	100.1	686187
I	100.0	S	99.8	S	100.0	687443

INFORMATION NEEDED

Sample Size: n	75	VALUE OBTAINED
Sum of Squared Measurements: Sum(X)	7,493.9	
Sum of Squared Measurements: Sum(X ** 2.0)	748,786.49	
Correction Factor(CF): ((Sum(X) ** 2.0) / n)	748,780.50	
Corrected Sum of Squares(SS): Sum(X ** 2.0) - CF	5.99	
Variance(V): SS / (n-1)	0.0809	
Estimate of Lot Standard Deviation s: (V ** 0.5)	0.2844	
Sample Mean X Bar: Sum(X) / n	99.91	
Upper Specification Limit: U	102.00	
Lower Specification Limit: L	98.00	
Quality Index(Q <sub>u</sub> ): (U - Xbar) / s	7.35	
Quality Index(Q <sub>l</sub> ): (Xbar - L) / s	6.72	
Estimate of Lot Percent Ncf. Above U: PU	0.00%	
Estimate of Lot Percent Ncf. Below L: PL	0.00%	
Total Estimate Percent Ncf. In Lot: P = PU + PL	0.00%	
Maximum Allowable Percent Ncf.: M	4.83%	
Acceptability Criterion: (PU + PL) <= M	PASS	

\*\*\*\*\* DEVICES SELECTED BUT NOT TESTED \*\*\*\*\*  
DEVICE# "NO TEST" CODE COMMENTS

GROUP NAME	METER TYPE	IN-SERVICE POPULATION	SAMPLE QUANTITY	METERS TESTED	PASSED/FAILED
J5 - 6	F	10,000	75	74	PASS

ANALYZED TEST RESULTS PER ANSI/ASQC Z1.9-1993  
 DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
 ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
 AQL = 2.5% - INSPECTION LEVEL II - NORMAL INSPECTION

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
687825	I	100.1	S	100.1	S	100.1	S	100.1	S	100.1	S	688210	S
688442	I	100.2	I	99.8	I	99.7	I	99.7	I	100.2	S	692162	S
692331	I	99.9	I	100.2	I	100.3	I	100.3	I	100.1	S	693047	S
693323	I	99.8	J	99.6	J	99.6	J	99.6	J	99.8	S	693722	S
693846	I	100.0	S	99.5	S	99.7	S	99.7	S	100.2	S	694055	S
694058	J	100.0	I	100.0	I	100.1	I	100.1	I	100.1	S	694200	S
694203	S	99.2	S	100.4	S	100.2	S	100.2	S	99.9	S	694658	S
694596	S	99.6	I	100.2	I	99.7	I	99.7	I	99.9	S	696653	S
696734	I	99.8	I	99.8	I	100.0	I	100.0	I	100.0	S	697153	S
697178	S	99.6	I	99.6	I	99.7	I	99.7	I	99.9	S	697667	S
697740	I	100.3	I	100.3	I	100.3	I	100.3	I	100.1	S	698157	S
698266	I	99.8	S	99.6	S	99.4	S	99.4	S	99.8	S	699508	S
699655	S	99.8	I	99.4	I	99.8	I	99.8	I	100.0	S	700298	S
705635	I	100.2	I	99.8	I	100.1	I	100.1	I	99.9	S	706172	S
706427	S	100.0	I	99.9	I	100.2	I	100.2	I	99.7	S	706419	S

INFORMATION NEEDED

VALUE OBTAINED

Sample Size: n	74
Sum of Squared Measurements: Sum(X)	7,395.7
Sum of Squared Measurements: Sum(X ** 2.0)	739,144.91
Correction Factor(CF): ((Sum(X) ** 2.0) / n)	739,140.25
Corrected Sum of Squares(SS): Sum(X ** 2.0) - CF	4.66
Variance(V): SS / (n-1)	0.0638
Estimate of Lot Standard Deviation s: (V ** 0.5)	0.2526
Sample Mean X Bar: Sum(X) / n	99.94
Upper Specification Limit: U	102.00
Lower Specification Limit: L	98.00
Quality Index(Qi): (U - Xbar) / s	8.16
Quality Index(Ql): (Xbar - L) / s	7.68
Estimate of Lot Percent Ncf. Above U: PU	0.00%
Estimate of Lot Percent Ncf. Below L: PL	0.00%
Total Estimate Percent Ncf. In Lot: P = PU + PL	0.00%
Maximum Allowable Percent Ncf.: M	4.83%
Acceptability Criterion: (PU + PL) <= M	PASS

\*\*\*\*\* DEVICES SELECTED BUT NOT TESTED \*\*\*\*\*  
 DEVICE# "NO TEST" CODE COMMENTS  
 694371 L LOST/STOLEN

GROUP NAME METER TYPE IN-SERVICE POPULATION SAMPLE QUANTITY METERS TESTED PASSED/ FAILED

ANALYZED TEST RESULTS PER ANSI/ASQC Z1.9-1993  
DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
AQL = 2.5% - INSPECTION LEVEL II - NORMAL INSPECTION

Table with columns: Device Number, Device Type, Full Load Test Accuracy, Data, and various test results (I, S, F, etc.).

INFORMATION NEEDED

Sample Size: n  
Sum of Squared Measurements: Sum(X)  
Correction Factor(CF): ((Sum(X) \*\* 2.0) / n)  
Variance(V): SS / (n-1)  
Estimate of Lot Standard Deviation s: (V \*\* 0.5)  
Upper Specification Limit: U  
Lower Specification Limit: L  
Quality Index(Qi): (Xbar - L) / s  
Quality Index(Qu): (U - Xbar) / s  
Estimate of Lot Percent Ncf: Above U: PU  
Estimate of Lot Percent Ncf: Below L: PL  
Total Estimate Percent Ncf: In Lot: P = PU + PL  
Maximum Allowable Percent Ncf.: M  
Acceptability Criterion: (PU + PL) <= M

\*\*\*\*\* DEVICES SELECTED BUT NOT TESTED \*\*\*\*\*  
DEVICE# "NO TEST" CODE \*\*\*\*\*



GROUP NAME	METER TYPE	IN-SERVICE POPULATION	SAMPLE QUANTITY	METERS TESTED	PASSED/ FAILED
J5 - 8	F	10,000	75	75	PASS

ANALYZED TEST RESULTS PER ANSI/ASQC Z1.9-1993  
 DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
 ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
 AQL = 2.5% - INSPECTION LEVEL II - NORMAL INSPECTION

DEVIATION METHOD	TESTED	TESTED	TESTED	TESTED	TESTED
100.5	I	735551	I	100.1	I
100.2	I	735800	I	100.5	I
99.8	I	737774	I	100.2	I
100.7	I	738489	I	100.6	I
100.2	I	739299	I	100.2	I
99.9	I	740510	I	100.1	I
99.4	I	740945	I	100.9	I
99.5	I	741830	I	99.8	I
100.0	I	741952	I	100.1	I
100.0	I	742291	I	100.3	I
100.6	I	743913	I	99.8	I
100.2	I	744151	I	99.9	I
99.7	I	744419	I	99.5	I
99.9	I	745310	I	99.8	I
99.6	I	745868	I	100.2	I
99.6	I	746403	I	100.1	I

INFORMATION NEEDED

Sample Size: n  
 Sum of Squared Measurements: Sum(X)  
 Correction Factor(CF): ((Sum(X)\*\*2.0)/n)  
 Variance(V): SS/(n-1)  
 Estimate of Lot Standard Deviation s: (V\*\*0.5)  
 Sample Mean X Bar: Sum(X)/n  
 Upper Specification Limit: U  
 Lower Specification Limit: L  
 Quality Index(Qu): (U - Xbar) / s  
 Quality Index(Ql): (Xbar - L) / s  
 Estimate of Lot Percent Ncf. Above U: PU  
 Estimate of Lot Percent Ncf. Below L: PL  
 Total Estimate Percent Ncf. In Lot: P = PU + PL  
 Maximum Allowable Percent Ncf.: M  
 Acceptability Criterion: (PU + PL) <= M

VALUE OBTAINED

75  
 7,505.0  
 751,008.16  
 751,000.33  
 7.83  
 0.1058  
 0.3253  
 100.06  
 102.00  
 98.00  
 5.96  
 6.33  
 0.00%  
 0.00%  
 0.00%  
 4.83%  
 PASS

\*\*\*\*\* DEVICES SELECTED BUT NOT TESTED \*\*\*\*\*  
 DEVICE# "NO TEST" CODE COMMENTS

GROUP NAME J5 - 9 METER TYPE F IN-SERVICE POPULATION 10,000 SAMPLE QUANTITY 75 METERS TESTED 75 PASSED/ FAILED PASS

ANALYZED TEST RESULTS PER ANSI/ASQC Z1.9-1993  
DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
AQL = 2.5% - INSPECTION LEVEL II - NORMAL INSPECTION

DEVICE#	TEST	VALUE	STATUS	REMARKS
747004	I	99.8	I	
747489	I	99.7	I	
749210	I	99.9	I	
750098	I	100.6	I	
750473	I	100.9	I	
750845	I	99.4	I	
751802	I	100.4	I	
752505	I	100.0	I	
752762	I	100.1	I	
757950	I	100.2	I	
759211	I	99.1	I	
759714	I	100.1	I	
760188	S	100.2	I	
760681	I	100.2	I	
762076	S	99.8	I	
747023	S	99.7	I	
747595	I	99.9	I	
749640	I	99.8	I	
750175	I	99.6	I	
750577	S	100.3	I	
751368	I	99.7	I	
751970	I	99.2	I	
752544	I	99.6	I	
752961	I	100.0	S	
758086	I	99.8	I	
759605	I	100.5	I	
760100	I	99.9	I	
760431	I	99.7	I	
761768	I	100.3	S	
762229	I	99.5	I	
747032	I	99.4	I	
747841	I	99.9	I	
749825	I	100.2	I	
750178	I	100.8	I	
750581	I	99.6	I	
751650	I	99.7	I	
752164	I	99.7	I	
752554	I	99.8	I	
753159	S	100.3	I	
758517	I	100.1	I	
759636	I	100.1	I	
760139	I	99.8	I	
760431	I	99.3	I	
761811	S	99.8	I	
762233	I	100.2	I	
747177	J	100.9	I	
748019	I	100.0	I	
750026	I	100.2	I	
750182	I	99.7	I	
750634	I	100.2	I	
751746	I	100.1	I	
752201	I	100.0	I	
752685	I	99.2	I	
757512	I	100.1	I	
758953	I	100.2	I	
759692	I	99.9	I	
760162	S	100.2	I	
760453	I	99.5	I	
761931	I	99.3	I	
762547	I	99.9	I	

VALUE OBTAINED

INFORMATION NEEDED

Sample Size: n 75  
Sum of Measurements: Sum(X) 7,494.9  
Sum of Squared Measurements: Sum(X \*\* 2.0) 748,996.01  
Correction Factor(CF): ( Sum(X) \*\* 2.0) / n 748,980.35  
Corrected Sum of Squares(SS): Sum(X \*\* 2.0) - CF 15.66  
Variance(V): SS / (n-1) 0.2116  
Estimate of Lot Standard Deviation s: (V \*\* 0.5) 0.4500  
Sample Mean X Bar: Sum(X) / n 99.93  
Upper Specification Limit: 102.00  
Lower Specification Limit: 98.00  
Quality Index(Qu): (U - Xbar) / s 4.50  
Quality Index(Ql): (Xbar - L) / s 4.20  
Estimate of Lot Percent Ncf: Above U: PU 0.00%  
Estimate of Lot Percent Ncf: Below L: PL 0.00%  
Total Estimate Percent Ncf: In Lot: P = PU + PL 0.00%  
Maximum Allowable Percent Ncf.: M 4.83%  
Acceptability Criterion: (PU + PL) <= M PASS

\*\*\*\*\* DEVICES SELECTED BUT NOT TESTED \*\*\*\*\*  
DEVICE# "NO TEST" CODE \*\*\*\*\*

GROUP NAME	METER TYPE	IN-SERVICE POPULATION	SAMPLE QUANTITY	METERS TESTED	PASSED/ FAILED
J5 - 10	F	10,000	75	75	PASS

ANALYZED TEST RESULTS PER ANSI/ASQC Z1.9-1993  
 DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
 ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
 AQL = 2.5% - INSPECTION LEVEL II - NORMAL INSPECTION

DEVI	NUM	AND	FULL	LOAD	TEST	ACCURACY	DATA	PASSED/ FAILED	DEVIATION METHOD
760801	100.1	I	761089	761187	I	100.2	761213	I	100.4
763225	100.0	I	763386	763508	I	99.9	763719	I	100.2
764111	99.7	I	764179	764209	I	99.9	764291	S	100.1
764387	99.9	I	764409	764669	I	99.7	764851	I	100.0
764954	100.1	I	764963	764979	I	99.8	765095	I	100.2
767741	100.1	I	767948	768155	I	99.9	768163	I	100.1
768633	100.1	S	768800	768887	I	100.3	768894	I	100.0
769062	100.1	I	769070	769211	I	100.1	769486	I	99.8
769549	100.3	I	769502	769627	I	99.8	770186	S	100.3
770591	100.0	I	770762	770765	I	99.9	770940	I	100.1
771007	99.9	I	771183	771210	I	100.1	771637	I	100.4
772220	99.8	I	772381	772446	I	100.1	772525	I	100.0
772577	100.1	I	772635	772669	I	100.0	772842	S	100.3
773558	99.6	I	774335	774359	I	99.8	774369	I	100.1
774812	100.6	I	774880	774905	I	100.2	774946	I	100.4

INFORMATION NEEDED

Sample Size: n  
 Sum of Measurements: Sum(X)  
 Sum of Squared Measurements: Sum(X \*\* 2.0)  
 Correction Factor(CF): ((Sum(X) \*\* 2.0) / n)  
 Corrected Sum of Squares(SS): Sum(X \*\* 2.0) - CF  
 Variance(V): SS / (n-1)  
 Estimate of Lot Standard Deviation s: (V \*\* 0.5)  
 Sample Mean X Bar: Sum(X) / n  
 Upper Specification Limit: U  
 Lower Specification Limit: L  
 Quality Index(Q1): (Xbar - L) / s  
 Quality Index(Q2): (U - Xbar) / s  
 Estimate of Lot Percent Ncf. Above U: PU  
 Estimate of Lot Percent Ncf. Below L: PL  
 Total Estimate Percent Ncf. In Lot: p = PU + PL  
 Maximum Allowable Percent Ncf.: M  
 Acceptability Criterion: (PU + PL) <= M

\*\*\*\*\* DEVICES SELECTED BUT NOT TESTED \*\*\*\*\*  
 DEVICE# "NO TEST" CODE COMMENTS

75  
 7,503.9  
 750,783.87  
 750,780.20  
 3.67  
 0.0496  
 0.2227  
 100.05  
 102.00  
 98.00  
 8.76  
 9.21  
 0.00%  
 0.00%  
 0.00%  
 4.83%  
 PASS

VALUE OBTAINED

GROUP NAME	METER TYPE	IN-SERVICE POPULATION	SAMPLE QUANTITY	METERS TESTED	PASSED/ FAILED
J5 - 11	F	1,126	35	35	PASS

ANALYZED TEST RESULTS PER ANSI/ASQC Z1.9-1993  
 DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
 ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
 AQL = 2.5% - INSPECTION LEVEL II - NORMAL INSPECTION

DEVICE NUMBER	AND FULL LOAD TEST ACCURACY DATA	*****	*****	*****	*****	*****	*****
774163	I 100.1	774183	I 100.3	774251	I 100.1	774277	I 100.2
774310	I 99.8	779904	I 100.5	779951	I 100.4	780043	I 100.8
780089	I 100.2	780166	I 99.4	780189	I 100.5	792791	S 100.5
792802	I 99.6	792812	I 100.6	792860	I 100.1	792943	I 100.3
792971	I 100.2	793000	S 100.3	793005	I 100.6	793079	I 100.4
793185	I 99.6	793207	I 99.9	793256	I 100.5	793456	I 100.5
793461	S 100.1	793466	I 100.2	793499	I 100.5	793527	I 100.0

INFORMATION NEEDED

VALUE OBTAINED

Sample Size: n 35  
 Sum of Measurements: Sum(X) 3,507.5  
 Sum of Squared Measurements: Sum(X \*\* 2.0) 351,504.91  
 Correction Factor(CF): ((Sum(X) \*\* 2.0) / n) 351,501.61  
 Corrected Sum of Squares(SS): Sum(X \*\* 2.0) - CF 3.30  
 Variance(V): SS / (n-1) 0.0971  
 Estimate of Lot Standard Deviation s: (V \*\* 0.5) 0.3116  
 Sample Mean X Bar: Sum(X) / n 100.21  
 Upper Specification Limit: U 102.00  
 Lower Specification Limit: L 98.00  
 Quality Index(Qu): (U - Xbar) / s 5.74  
 Quality Index(Ql): (Xbar - L) / s 7.09  
 Estimate of Lot Percent Ncf. Above U: PU 0.00%  
 Estimate of Lot Percent Ncf. Below L: PL 0.00%  
 Total Estimate Percent Ncf. In Lot: P = PU + PL 0.00%  
 Maximum Allowable Percent Ncf.: M 5.58%  
 Acceptability Criterion: (PU + PL) <= M PASS

\*\*\*\*\* DEVICES SELECTED BUT NOT TESTED \*\*\*\*\*  
 DEVICE# "NO TEST" CODE \*\*\*\*\*

LOUISVILLE GAS & ELECTRIC COMPANY  
 ANALYZED TEST RESULTS PER ANSI/ASQC Z1.9-1993  
 DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
 ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
 AQL = 2.5% - INSPECTION LEVEL II - NORMAL INSPECTION

GROUP NAME	METER TYPE	IN-SERVICE POPULATION	SAMPLE QUANTITY	METERS TESTED	PASSED/FAILED
MP	3	415	25	25	PASS

DEVIce NUMBER	TEST ACCURACY	DATA	TEST ACCURACY	DATA
756893	S	99.9	S	100.0
756922	S	100.0	S	100.0
757047	J	98.7	S	101.4
757121	I	100.0	S	100.0
757189	S	100.0	S	100.0

\*\*\*\*\* DEVICES SELECTED BUT NOT TESTED \*\*\*\*\*

DEVICE# "NO TEST" CODE COMMENTS

INFORMATION NEEDED VALUE OBTAINED

Sample Size: n 25

Sum of Measurements: Sum(X) 2,499.6

Sum of Squared Measurements: Sum(X \*\* 2.0) 249,923.74

Correction Factor(CF): ( Sum(X) \*\* 2.0 ) / n 249,920.01

Corrected Sum of Squares(SS): Sum(X \*\* 2.0) - CF 3.73

Variance(V): SS / (n-1) 0.1554

Estimate of Lot Standard Deviation s: (V \*\* 0.5) 0.3942

Sample Mean X Bar: Sum(X) / n 99.98

Upper Specification Limit: U 102.00

Lower Specification Limit: L 98.00

Quality Index(Qi): (U - Xbar) / s 5.12

Quality Index(Qj): (Xbar - L) / s 5.02

Estimate of Lot Percent Ncf. Above U: PU 0.00%

Estimate of Lot Percent Ncf. Below L: PL 0.00%

Total Estimate Percent Ncf. In Lot: P = PU + PL 0.00%

Maximum Allowable Percent Ncf.: M 5.98%

Acceptability Criterion: (PU + PL) <= M PASS

GROUP NAME	METER TYPE	IN-SERVICE POPULATION	SAMPLE QUANTITY	METERS TESTED	PASSED/ FAILED
MQ	A	839	35	35	PASS

ANALYZED TEST RESULTS PER ANSI/ASQC Z1.9-1993  
 DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
 ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
 AQL = 2.5% - INSPECTION LEVEL II - NORMAL INSPECTION

DEVIce NUMBER	AND FULL LOAD TEST ACCURACY DATA	*****	*****	*****	*****	*****
328624	J 100.3	328663	J 98.6	328884	J 99.3	333373
333511	J 100.6	337647	J 100.3	342220	J 99.8	342245
342346	J 100.7	342454	J 98.2	342527	J 99.5	346808
347116	J 100.1	351749	J 99.8	356253	J 100.0	356599
360886	J 100.3	360994	J 100.6	361065	J 100.1	361070
365397	J 100.3	365665	J 100.3	365668	J 101.8	370021
370183	J 100.7	370250	J 100.7	370342	J 100.3	370021
				370342	J 100.7	370144
				374845	J 100.2	374900

INFORMATION NEEDED

VALUE OBTAINED

Sample Size: n 35  
 Sum of Measurements: Sum(X) 3,504.4  
 Sum of Squared Measurements: Sum(X \*\* 2.0) 350,894.40  
 Correction Factor(CF): ( Sum(X) \*\* 2.0) / n ) 350,880.55  
 Corrected Sum of Squares(SS): Sum(X \*\* 2.0) - CF 13.85  
 Variance(V): SS / (n-1) 0.4074  
 Estimate of Lot Standard Deviation s: (V \*\* 0.5) 0.6383  
 Sample Mean X Bar: Sum(X) / n 100.12  
 Upper Specification Limit: U 102.00  
 Lower Specification Limit: L 98.00  
 Quality Index(Qu): (U - Xbar) / s 2.95  
 Quality Index(Ql): (Xbar - L) / s 3.32  
 Estimate of Lot Percent Ncf. Above U: PU 0.08%  
 Estimate of Lot Percent Ncf. Below L: PL 0.01%  
 Total Estimate Percent Ncf. In Lot: P = PU + PL 0.09%  
 Maximum Allowable Percent Ncf.: M 5.58%  
 Acceptability Criterion: (PU + PL) <= M PASS

\*\*\*\*\* DEVICES SELECTED BUT NOT TESTED \*\*\*\*\*  
 DEVICE# "NO TEST" CODE COMMENTS

GROUP NAME	METER TYPE	IN-SERVICE POPULATION	SAMPLE QUANTITY	METERS TESTED	PASSED/ FAILED
MS	A	10,000	75	75	PASS

ANALYZED TEST RESULTS PER ANSI/ASOC Z1.9-1993  
 DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
 ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
 AQL = 2.5% - INSPECTION LEVEL II - NORMAL INSPECTION

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
378458	J	100.2	379951	J	100.5	380110	J	100.2	380162	J	100.5	380302
380345	J	100.4	384494	J	100.5	388991	J	100.4	389379	J	100.4	389895
389949	J	100.4	389976	J	100.6	390084	I	100.6	394055	J	100.1	394323
394405	J	99.9	398549	J	100.0	398622	J	100.3	398878	I	100.5	403421
403783	J	99.7	404003	J	100.2	404089	S	100.1	404092	J	100.4	404170
404178	I	100.5	404275	I	100.4	408752	J	100.7	408817	J	99.9	408896
408954	J	100.1	412966	J	100.3	413003	I	100.5	413059	J	100.7	413066
413527	J	100.5	413750	J	100.5	418248	J	100.1	418271	J	100.5	418393
418574	J	101.3	423070	J	100.1	423084	J	100.2	423134	J	100.6	423375
423438	J	100.7	423502	J	100.1	423553	J	100.1	423647	J	99.6	428151
428479	I	99.6	428718	I	100.1	428809	I	100.4	428872	I	99.6	428959
434824	I	99.9	435212	I	100.4	435542	I	99.9	439439	S	101.0	439623
439869	I	100.1	439918	I	100.9	440303	I	100.1	444171	J	100.1	444175
444462	I	100.0	445884	I	99.6	445974	I	99.7	446023	I	99.5	446145
447563	I	99.6	447779	I	99.9	450118	S	99.9	452072	S	99.9	452241

INFORMATION NEEDED

Sample Size: n	75
Sum of Measurements: Sum(X)	7,514.5
Sum of Squared Measurements: Sum(X ** 2.0)	752,914.55
Correction Factor(CF): ((Sum(X) ** 2.0) / n)	752,902.80
Corrected Sum of Squares(SS): Sum(X ** 2.0) - CF	11.75
Variance(V): SS / (n-1)	0.1588
Estimate of Lot Standard Deviation s: (V ** 0.5)	0.3985
Sample Mean X Bar: Sum(X) / n	100.19
Upper Specification Limit: U	102.00
Lower Specification Limit: L	98.00
Quality Index(Qi): (U - Xbar) / s	4.54
Quality Index(Ql): (Xbar - L) / s	5.50
Estimate of Lot Percent Ncf. Above U: PU	0.00%
Estimate of Lot Percent Ncf. Below L: PL	0.00%
Total Estimate Percent Ncf. In Lot: P = PU + PL	0.00%
Maximum Allowable Percent Ncf.: M	4.83%
Acceptability Criterion: (PU + PL) <= M	PASS

\*\*\*\*\* DEVICES SELECTED BUT NOT TESTED \*\*\*\*\*  
 DEVICE# "NO TEST" CODE

GROUP NAME	METER TYPE	IN-SERVICE POPULATION	SAMPLE QUANTITY	METERS TESTED	PASSED/ FAILED
MS - 2	A	553	35	35	PASS

ANALYZED TEST RESULTS PER ANSI/ASQC Z1.9-1993  
 DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
 ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
 AQL = 2.5% - INSPECTION LEVEL II - NORMAL INSPECTION

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
488480	J	100.3	497886	J	100.0	498068	J	100.1	498311
503635	S	99.7	504047	J	100.2	519219	J	100.1	519555
523561	J	100.2	523757	J	100.2	536353	S	100.2	536417
537107	J	100.1	546140	J	100.2	546947	J	100.3	548331
596652	J	100.7	611808	J	100.2	619128	J	100.0	621446
649749	J	100.2	650243	J	100.5	658581	J	100.1	658584
672817	J	100.0	674336	J	100.0	675970	J	99.9	676043

INFORMATION NEEDED

VALUE OBTAINED

Sample Size: n 35  
 Sum of Measurements: Sum(X) 3,505.7  
 Sum of Squared Measurements: Sum(X \*\* 2.0) 351,142.31  
 Correction Factor(CF): ( Sum(X) \*\* 2.0) / n ) 351,140.93  
 Corrected Sum of Squares (SS): Sum(X \*\* 2.0) - CF 1.38  
 Variance(V): SS / (n-1) 0.0406  
 Estimate of Lot Standard Deviation s: ( V \*\* 0.5) 0.2015  
 Sample Mean X Bar: Sum(X) / n 100.16  
 Upper Specification Limit: U 102.00  
 Lower Specification Limit: L 98.00  
 Quality Index(Qu): (U - Xbar) / s 9.13  
 Quality Index(Ql): (Xbar - L) / s 10.72  
 Estimate of Lot Percent Ncf. Above U: PU 0.00%  
 Estimate of Lot Percent Ncf. Below L: PL 0.00%  
 Total Estimate Percent Ncf. In Lot: P = PU + PL 0.00%  
 Maximum Allowable Percent Ncf.: M 5.58%  
 Acceptability Criterion: (PU + PL) <= M PASS

\*\*\*\*\* DEVICES SELECTED BUT NOT TESTED \*\*\*\*\*  
 DEVICE# "NO TEST" CODE \*\*\*\*\*



LOUISVILLE GAS & ELECTRIC COMPANY  
 GROUP NAME METER TYPE METER TESTED METERS TESTED PASSED/ FAILED  
 MSII A 10,000 75 75 PASS

ANALYZED TEST RESULTS PER ANSI/ASQC Z1.9-1993  
 DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
 ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
 AQL = 2.5% - INSPECTION LEVEL II - NORMAL INSPECTION

DEVI	NUM	AND	FULL	LOAD	TEST	ACCURACY	DATA	DEVI	NUM	AND	FULL	LOAD	TEST	ACCURACY	DATA
454642	100.7	S	100.1	457733	I	100.1	457885	457993	100.0	I	100.0	457993	99.8		
460706	100.5	I	100.1	462910	J	100.5	463184	463221	101.9	J	101.9	463221	100.1		
466710	100.1	I	100.3	469308	I	100.3	469379	469403	100.1	I	100.1	469403	100.1		
469440	100.1	I	100.0	477188	I	100.1	480454	480764	100.2	I	100.2	480764	99.9		
480805	99.8	I	99.8	482241	I	99.8	482380	485001	99.7	I	99.7	485001	100.0		
485236	100.1	I	99.8	485291	I	99.8	485405	488228	100.3	I	100.3	488228	99.9		
488552	100.0	I	99.8	491116	I	99.8	491201	491253	99.8	I	99.8	491253	100.3		
491338	100.3	I	100.3	495000	I	100.0	495083	498054	100.2	I	100.2	498054	100.3		
498111	99.8	I	100.2	502154	I	99.8	502402	502483	99.9	I	99.9	502483	99.9		
502509	100.0	I	100.0	502913	I	99.8	502954	502961	99.7	I	99.7	502961	99.9		
503040	99.5	I	100.1	503182	I	99.8	503272	503570	99.8	I	99.8	503570	99.5		
503724	99.9	I	100.4	507216	S	99.7	507219	507250	100.0	I	100.0	507250	99.8		
507385	100.1	I	100.0	507794	I	100.5	507806	508071	100.3	I	100.3	508071	100.4		
508108	100.5	I	100.3	508580	I	99.9	518917	523022	100.1	I	100.1	523022	99.9		
523120	100.1	S	100.1	523375	I	100.2	523628	523642	100.0	I	100.0	523642	100.4		

INFORMATION NEEDED

Sample Size: n  
 Sum of Squared Measurements: Sum(X) / n  
 Correction Factor(CF): ( Sum(X) \*\* 2.0) / n )  
 Corrected Sum of Squares(SS): Sum(X \*\* 2.0) - CF  
 Variance(V): SS / (n-1)  
 Estimate of Lot Standard Deviation s: (V \*\* 0.5)  
 Sample Mean X Bar: Sum(X) / n  
 Upper Specification Limit: U  
 Lower Specification Limit: L  
 Quality Index(Qu): (U - Xbar) / s  
 Quality Index(Ql): (Xbar - L) / s  
 Estimate of Lot Percent Ncf. Above U: PU  
 Estimate of Lot Percent Ncf. Below L: PL  
 Total Estimate Percent Ncf. In Lot: P = PU + PL  
 Maximum Allowable Percent Ncf.: M  
 Acceptability Criterion: (PU + PL) <= M

\*\*\*\*\* DEVICES SELECTED BUT NOT TESTED \*\*\*\*\*  
 DEVICE# "NO TEST" CODE COMMENTS

VALUE OBTAINED  
 75  
 7,505.6  
 751,128.68  
 751,120.42  
 8.26  
 0.1116  
 0.3341  
 102.07  
 102.00  
 98.00  
 5.78  
 6.20  
 0.00%  
 0.00%  
 0.00%  
 4.83%  
 PASS

2003 SAMPLE TEST PROGRAM (JANUARY 1, 2003 TO DECEMBER 31, 2003)

GROUP NAME	METER TYPE	IN-SERVICE POPULATION	SAMPLE QUANTITY	METERS TESTED	PASSED/ FAILED
MSII - 2	A	10,000	75	75	PASS

ANALYZED TEST RESULTS PER ANSI/ASQC Z1.9-1993  
 DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
 ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
 AQL = 2.5% - INSPECTION LEVEL II - NORMAL INSPECTION

519345	99.9	I	100.1	531855	I	99.8	531920	I	100.0	531963	I	100.4
532132	99.9	I	99.8	532281	I	100.0	532373	S	100.6	532483	I	100.0
532671	99.9	I	99.8	532757	S	99.8	535999	S	99.5	536272	I	99.9
536315	100.0	I	99.9	536431	I	99.6	536488	I	99.7	536942	I	99.9
537300	99.9	I	99.8	537654	I	100.1	537793	I	100.1	542475	I	100.1
542498	100.2	J	99.9	542521	I	100.3	542760	I	100.1	542950	I	100.1
543079	100.3	J	100.2	545780	I	100.2	546066	S	100.6	546286	I	100.4
546400	100.4	I	100.5	546642	J	100.3	547063	I	100.0	547150	I	100.2
547557	100.4	S	100.5	547747	I	99.9	547884	I	100.0	547819	I	99.9
547833	100.2	I	100.1	558970	I	100.0	559024	I	100.2	559062	I	100.0
559217	100.2	I	99.5	559476	I	100.0	559807	I	99.7	559887	I	100.0
559942	100.2	I	100.3	560086	I	100.1	560308	I	100.4	560476	I	100.1
560498	100.4	I	100.9	561168	J	100.2	561219	I	100.1	561347	I	100.2
575636	100.2	I	100.7	575760	I	100.3	575915	I	100.2	575933	I	100.2
576018	100.4	I	100.3	576227	S	100.3	576251	I	100.1	576263	I	100.2

INFORMATION NEEDED

VALUE OBTAINED

Sample Size: n	75
Sum of Measurements: Sum(X)	7,508.8
Sum of Squared Measurements: Sum(X ** 2.0)	751,765.88
Correction Factor (CF): (Sum(X) ** 2.0) / n	751,761.03
Corrected Sum of Squares (SS): Sum(X ** 2.0) - CF	4.85
Variance (V): SS / (n-1)	0.0655
Estimate of Lot Standard Deviation s: (V ** 0.5)	0.2559
Sample Mean X Bar: Sum(X) / n	102.11
Upper Specification Limit: U	102.00
Lower Specification Limit: L	98.00
Quality Index (Q <sub>u</sub> ): (U - Xbar) / s	7.39
Quality Index (Q <sub>l</sub> ): (Xbar - L) / s	8.25
Estimate of Lot Percent Ncf. Above U: PU	0.00%
Estimate of Lot Percent Ncf. Below L: PL	0.00%
Total Estimate Percent Ncf. In Lot: P = PU + PL	0.00%
Maximum Allowable Percent Ncf.: M	4.83%
Acceptability Criterion: (PU + PL) <= M	PASS

\*\*\*\*\* DEVICES SELECTED BUT NOT TESTED \*\*\*\*\*  
 DEVICE# "NO TEST" CODE COMMENTS

GROUP NAME MSII - 3  
METER TYPE A  
IN-SERVICE POPULATION 10,000  
METERS TESTED 75  
SAMPLE QUANTITY 75  
PASSED/ FAILED PASS

ANALYZED TEST RESULTS PER ANSI/ASQC Z1.9-1993  
DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
AQL = 2.5% - INSPECTION LEVEL II - NORMAL INSPECTION

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
576481	100.3	S	J	99.3	576739	I	100.1	576763	I	100.6	I	576938	I	100.3								
577089	100.2	I	S	100.3	577741	I	100.1	577899	S	100.2	I	577926	I	100.3								
578274	100.1	I	I	100.3	596078	I	99.9	596264	I	100.2	I	596443	I	100.1								
596446	100.0	I	S	100.3	596520	S	100.0	596954	I	100.0	I	597298	I	100.4								
597708	99.8	S	I	99.9	597722	I	99.9	597752	I	100.1	I	598039	I	99.9								
598264	100.3	I	I	100.1	598326	I	100.0	598583	I	100.8	I	598674	I	100.1								
611889	100.5	I	I	99.9	611969	I	100.3	612161	I	100.2	I	612217	I	100.4								
612307	100.7	I	I	100.6	612333	I	100.4	612441	I	100.2	I	612514	I	100.4								
612618	101.0	S	I	100.2	612698	I	100.0	613006	I	100.4	I	613098	I	100.8								
613233	99.3	I	I	100.3	613302	I	100.3	613641	I	99.9	I	613652	I	100.2								
613758	100.4	I	I	100.6	613928	I	99.6	614089	I	100.2	I	614192	I	99.9								
614951	100.5	I	I	100.6	615005	I	100.7	615133	I	100.5	I	615463	I	99.9								
615669	99.8	I	I	100.3	615684	I	100.2	615868	I	100.2	S	616047	I	100.3								
616185	99.9	I	I	99.8	616527	I	99.8	616834	I	100.2	S	617060	I	100.3								
617335	99.9	S	I	99.8	617382	I	99.8	617399	I	99.5	S	617645	I	100.3								

INFORMATION NEEDED

VALUE OBTAINED

Sample Size: n 75  
Sum of Measurements: Sum(X) 7,514.4  
Sum of Squared Measurements: Sum(X \*\* 2.0) 752,890.14  
Corrected Factor(CF): ( Sum(X) \*\* 2.0) / n 752,882.76  
Corrected Sum of Squares(SS): Sum(X \*\* 2.0) - CF 7.38  
Variance(V): SS / (n-1) 0.0997  
Estimate of Lot Standard Deviation s: (V \*\* 0.5) 0.3158  
Sample Mean X Bar: Sum(X) / n 102.00  
Upper Specification Limit: U 98.00  
Lower Specification Limit: L 5.73  
Quality Index(Qu): (U - Xbar) / s 6.93  
Quality Index(Ql): (Xbar - L) / s 0.00%  
Estimate of Lot Percent Ncf: Above U: PU 0.00%  
Estimate of Lot Percent Ncf: Below L: PL 0.00%  
Total Estimate Percent Ncf: In Lot: p = PU + PL 4.83%  
Maximum Allowable Percent Ncf.: M PASS  
Acceptability Criterion: (PU + PL) <= M

\*\*\*\*\* DEVICES SELECTED BUT NOT TESTED \*\*\*\*\*  
DEVICE# "NO TEST" CODE COMMENTS

GROUP NAME MSII - 4  
METER TYPE A  
IN-SERVICE POPULATION 10,000  
SAMPLE QUANTITY 75  
METERS TESTED 75  
PASSED/ FAILED/ PASS

ANALYZED TEST RESULTS PER ANSI/ASQC Z1.9-1993  
DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
AQL = 2.5% - INSPECTION LEVEL II - NORMAL INSPECTION

DEVICE NUMBER	DEVIATION	TEST	ACCURACY	DATA	PASSED/ FAILED/ PASS
617814	I	100.1	I	100.7	I
618167	I	99.8	I	99.5	I
619067	I	100.5	I	100.1	I
619496	S	100.1	I	100.2	I
620367	S	100.1	I	100.2	I
621236	I	99.8	I	99.5	I
621906	I	100.4	I	100.4	I
622542	I	99.4	I	99.6	I
636817	I	99.7	I	100.5	I
637902	I	100.2	I	100.1	I
638463	I	100.1	I	100.1	I
639045	I	100.1	I	100.3	I
639500	I	100.1	I	100.3	I
646292	I	99.9	I	99.9	I
647072	I	100.0	I	100.1	I
617825	I	100.1	I	100.7	I
618238	J	99.9	I	99.5	I
619085	S	100.1	I	100.1	I
620181	I	99.8	I	100.8	I
620435	I	99.7	I	99.5	I
621441	I	100.9	I	99.4	I
621920	I	99.6	I	99.8	I
622593	I	100.3	I	99.9	I
637221	S	100.3	I	100.1	I
637942	I	100.2	I	100.3	I
638519	I	100.1	I	100.3	I
639370	I	100.0	I	100.2	I
645885	I	100.2	I	100.3	I
646311	I	100.2	I	100.1	I
647276	S	100.1	I	99.9	I

INFORMATION NEEDED

Sample Size: n  
Sum of Measurements: Sum(X)  
Sum of Squared Measurements: Sum(X \*\* 2.0)  
Correction Factor(CF): ((Sum(X) \*\* 2.0) / n)  
Corrected Sum of Squares(SS): Sum(X \*\* 2.0) - CF  
Variance(V): SS / (n-1)  
Estimate of Lot Standard Deviation s: (V \*\* 0.5)  
Sample Mean X Bar: Sum(X) / n  
Upper Specification Limit: U  
Lower Specification Limit: L  
Quality Index(Qu): (U - Xbar) / s  
Quality Index(Ql): (Xbar - L) / s  
Estimate of Lot Percent Ncf: Above U: PU  
Estimate of Lot Percent Ncf: Below L: PL  
Total Estimate Percent Ncf: In Lot: P = PU + PL  
Maximum Allowable Percent Ncf.: M  
Acceptability Criterion: (PU + PL) <= M

VALUE OBTAINED

75  
7,502.8  
750,566.42  
750,560.10  
6.32  
0.0854  
0.2922  
102.00  
98.00  
6.74  
6.95  
0.00%  
0.00%  
0.00%  
4.83%  
PASS

\*\*\*\*\* DEVICES SELECTED BUT NOT TESTED \*\*\*\*\*  
DEVICE# "NO TEST" CODE COMMENTS

GROUP NAME	METER TYPE	IN-SERVICE POPULATION	SAMPLE QUANTITY	METERS TESTED	PASSED/ FAILED
MSII - 5	A	10,000	75	74	PASS

ANALYZED TEST RESULTS PER ANSI/ASQC Z1.9-1993  
 DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
 ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
 AQL = 2.5% - INSPECTION LEVEL II - NORMAL INSPECTION

648122	I	100.1	I	100.2	648271	I	99.7	648277	I	99.9	648765	I	100.2
649033	S	99.9	J	100.1	649318	I	100.2	649344	I	100.3	649348	I	100.1
649362	I	100.1	I	100.3	649401	I	100.1	649825	I	100.5	650065	I	99.9
650100	I	100.0	I	99.9	650179	I	100.2	650469	I	100.2	650478	I	100.5
650540	I	100.3	I	100.2	651089	I	99.9	651211	I	100.3	651639	I	100.3
651948	S	100.1	I	100.2	652037	I	100.3	652100	I	100.0	652193	I	100.2
652255	S	100.4	I	100.1	652717	I	100.0	652918	I	100.0	652982	I	100.2
653082	I	100.3	I	100.3	653159	I	100.0	653478	I	99.9	653598	I	100.5
653618	I	100.4	I	100.2	653849	I	99.9	653874	I	100.3	658189	I	100.5
658192	S	100.5	I	100.5	653868	I	100.3	658663	S	100.2	658743	I	100.5
658779	I	100.7	I	100.6	658919	I	100.4	658954	I	100.2	659066	I	100.6
659419	I	100.7	I	100.2	659877	I	100.2	659915	I	100.1	659960	I	100.1
660324	S	100.4	I	100.1	660501	I	100.1	660511	I	100.3	660664	I	100.3
660833	I	100.0	I	100.4	671023	I	99.9	671390	I	100.3	671645	I	100.3
671817	I	100.0	S	100.2	672009	I	100.0	672178	I	100.1		I	

INFORMATION NEEDED

Sample Size: n  
 Sum of Measurements: Sum(X)  
 Sum of Squared Measurements: Sum(X \*\* 2.0)  
 Correction Factor(CF): ((Sum(X) \*\* 2.0) / n)  
 Corrected Sum of Squares(SS): Sum(X \*\* 2.0) - CF  
 Variance(V): SS / (n-1)  
 Estimate of lot Standard Deviation s: (V \*\* 0.5)  
 Sample Mean X Bar: Sum(X) / n  
 Upper Specification Limit: U  
 Lower Specification Limit: L  
 Quality Index(Qu): (U - Xbar) / s  
 Quality Index(Ql): (Xbar - L) / s  
 Estimate of lot Percent Ncf. Above U: PU  
 Estimate of lot Percent Ncf. Below L: PL  
 Total Estimate Percent Ncf. In Lot: P = PU + PL  
 Maximum Allowable Percent Ncf.: M  
 Acceptability Criterion: (PU + PL) <= M

VALUE OBTAINED

74  
 7,415.3  
 743,066.21  
 743,063.16  
 3.05  
 0.0418  
 0.2045  
 102.00  
 102.00  
 98.00  
 8.80  
 10.76  
 0.00%  
 0.00%  
 0.00%  
 4.83%  
 PASS

\*\*\*\*\* DEVICES SELECTED BUT NOT TESTED \*\*\*\*\*  
 DEVICE# "NO TEST" CODE LOST/STOLEN  
 671978 L

GROUP NAME	METER TYPE	IN-SERVICE POPULATION	SAMPLE QUANTITY	METERS TESTED	PASSED/FAILED
MSII - 6	A	4,135	75	75	PASS

ANALYZED TEST RESULTS PER ANSI/ASQC Z1.9-1993  
 DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
 ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
 AQL = 2.5% - INSPECTION LEVEL II - NORMAL INSPECTION

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****			
DEVI	NUM	AND	FULL	TEST	ACCURACY	DATA	*****	*****	*****	*****	*****	*****			
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****			
672222	I	100.4	672377	I	100.2	S	672452	S	100.2	672628	I	100.2	672632	I	100.3
672684	I	100.3	672759	I	100.2	I	672797	I	100.3	672854	I	100.2	672967	I	100.3
672977	I	100.3	673082	I	99.9	I	673154	I	100.5	673161	I	100.4	673394	I	100.3
673409	I	100.2	673448	I	100.3	I	673517	I	100.2	673520	I	100.4	673559	I	100.1
673585	I	100.2	673612	I	100.2	I	673651	S	100.1	673657	I	100.3	673674	I	99.8
673682	I	100.3	673708	I	100.3	I	673731	I	99.9	673735	I	100.1	673772	S	100.4
673800	I	100.2	673863	I	100.2	I	674211	S	100.2	674441	I	100.5	674443	I	100.4
674474	I	99.8	674548	I	100.3	I	674628	I	100.1	674647	I	100.0	674697	I	100.1
674782	I	100.1	674914	I	100.3	I	674993	I	100.2	675066	I	100.4	675123	I	100.4
675141	I	100.6	675151	I	100.2	I	675395	I	100.0	675407	S	100.3	675447	I	100.1
675449	I	100.1	675474	I	100.4	I	675483	S	100.6	675576	I	100.3	675604	I	100.3
675638	I	100.4	675651	I	100.2	I	675746	I	100.0	675843	I	100.6	675859	I	100.4
675866	I	100.2	675872	I	100.0	I	675914	I	100.1	675984	I	100.5	676073	I	100.4
676134	I	100.6	676170	I	100.1	I	676178	I	100.1	676241	I	100.3	676352	I	100.3
676358	I	100.3	676377	S	100.3	I	676527	I	100.1	676562	I	100.1	676565	I	100.2

VALUE OBTAINED

INFORMATION NEEDED

Sample Size: n  
 Sum of Measurements: Sum(X)  
 Sum of Squared Measurements: Sum(X \*\* 2.0)  
 Correction Factor(CF): ((Sum(X) \*\* 2.0) / n)  
 Corrected Sum of Squares(SS): Sum(X \*\* 2.0) - CF  
 Variance(V): SS / (n-1)  
 Estimate of Lot Standard Deviation S: (V \*\* 0.5)  
 Sample Mean X Bar: Sum(X) / n  
 Upper Specification Limit: U  
 Lower Specification Limit: L  
 Quality Index(Qu): (U - Xbar) / s  
 Quality Index(Ql): (Xbar - L) / s  
 Estimate of Lot Percent Ncf: Above U: PU  
 Estimate of Lot Percent Ncf: Below L: PL  
 Total Estimate Percent Ncf: In Lot: p = PU + PL  
 Maximum Allowable Percent Ncf.: M  
 Acceptability Criterion: (PU + PL) <= M

\*\*\*\*\* DEVICES SELECTED BUT NOT TESTED \*\*\*\*\*  
 DEVICE# "NO TEST" CODE COMMENTS

LOUISVILLE GAS & ELECTRIC COMPANY  
2003 SAMPLE TEST PROGRAM (JANUARY 1, 2003 TO DECEMBER 31, 2003)

CIMSB920

GROUP NAME	METER TYPE	IN-SERVICE POPULATION	SAMPLE QUANTITY	METERS TESTED	PASSED/ FAILED	DEVIATION METHOD
MX	A	10,000	75	75	PASS	COMBINED

ANALYZED TEST RESULTS PER ANSI/ASQC Z1.9-1993  
DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
AQL = 2.5% - INSPECTION LEVEL II - NORMAL INSPECTION

DEVICE NUMBER	FULL LOAD TEST ACCURACY	DATA	TEST ACCURACY	DEVIATION METHOD
702872	I 100.6	702948	I 100.3	I 100.1
703552	I 100.4	703578	J 100.0	I 100.2
703926	I 100.0	703954	I 100.4	I 100.3
704517	S 100.3	704734	I 100.0	I 100.1
708945	S 99.8	708999	I 100.0	I 99.8
709587	I 99.9	709707	I 99.9	I 100.2
709962	I 100.1	710143	I 99.8	I 100.0
710493	I 100.0	710507	I 99.9	I 98.5
711072	I 99.8	711137	I 100.0	I 100.1
711246	I 100.2	711269	I 99.9	I 100.1
712175	I 100.3	712308	I 100.0	I 99.7
713032	I 100.3	713040	I 99.9	I 99.7
713421	I 99.9	713465	I 100.3	I 100.1
714308	I 100.1	714857	I 99.9	I 99.9
715333	I 99.9	715603	S 100.1	I 100.2

INFORMATION NEEDED

VALUE OBTAINED	
Sample Size: n	75
Sum of Measurements: Sum(X)	7,500.2
Sum of Squared Measurements: Sum(X ** 2.0)	750,047.26
Correction Factor(CF): ( Sum(X) ** 2.0) / n )	750,040.00
Corrected Sum of Squares(SS): Sum(X ** 2.0) - CF	7.26
Variance(V): SS / (n-1)	0.0981
Estimate of Lot Standard Deviation s: (V ** 0.5)	0.3132
Sample Mean X Bar: Sum(X) / n	100.00
Upper Specification Limit: U	102.00
Lower Specification Limit: L	98.00
Quality Index(Qu): (U - Xbar) / s	6.39
Quality Index(Ql): (Xbar - L) / s	6.39
Estimate of Lot Percent Ncf. Above U: PU	0.00%
Estimate of Lot Percent Ncf. Below L: PL	0.00%
Total Estimate Percent Ncf. In Lot: P = PU + PL	0.00%
Maximum Allowable Percent Ncf.: M	4.83%
Acceptability Criterion: (PU + PL) <= M	PASS

\*\*\*\*\* DEVICES SELECTED BUT NOT TESTED \*\*\*\*\*  
DEVICE# "NO TEST" CODE

GROUP NAME: MX - 2  
 METER TYPE: A  
 IN-SERVICE POPULATION: 6,412  
 SAMPLE QUANTITY TESTED: 75  
 METERS TESTED: 75  
 PASSED/ FAILED/ PASS

ANALYZED TEST RESULTS PER ANSI/ASQC Z1.9-1993  
 DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
 ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
 AQL = 2.5% - INSPECTION LEVEL II - NORMAL INSPECTION

DEVIATION	TEST	ACCURACY	DATA	TEST	NUMBER	AND	FULL	LOAD	TEST	ACCURACY	DATA
I	100.0		716717	I	100.1		716778	I	99.7		716849
I	99.8		717148	S	100.2		717181	S	100.1		717204
I	100.0		717321	I	100.1		717816	I	100.1		717840
I	99.9		718097	I	99.8		718201	S	100.2		718446
I	99.7		718545	J	99.8		718654	I	100.2		718710
I	100.1		718949	I	100.0		719265	I	100.2		719428
I	99.8		719607	I	100.2		719712	I	100.1		719817
I	100.0		719870	I	99.8		720013	I	100.2		720060
I	100.0		720095	I	99.9		720661	I	99.9		720709
I	99.9		720870	I	100.2		721001	I	99.9		721061
I	100.2		721604	I	100.1		721617	I	99.6		721635
I	100.0		721760	I	99.9		721849	I	100.0		722000
I	100.0		722278	I	99.7		722575	I	99.9		722613
I	100.0		722776	I	100.2		723034	I	100.4		723040
I	100.5		723163	I	100.1		723268	I	100.2		723350

INFORMATION NEEDED

Sample Size: n  
 Sum of Squared Measurements: Sum(X)  
 Correction Factor(CF): ((Sum(X)\*\* 2.0) / n)  
 Corrected Sum of Squares(SS): Sum(X\*\* 2.0) - CF  
 Variance(V): SS / (n-1)  
 Estimate of Lot Standard Deviation s: (V\*\* 0.5)  
 Sample Mean X Bar: Sum(X) / n  
 Upper Specification Limit: U  
 Lower Specification Limit: L  
 Quality Index(Qi): (U - Xbar) / s  
 Estimate of Lot Percent Ncf: Above U: PU  
 Total Estimate Percent Ncf: Below L: PL  
 Maximum Allowable Percent Ncf: M  
 Acceptability Criterion: (PU + PL) <= M

VALUE OBTAINED

75
7,500.8
750,162.86
750,160.01
2.85
0.0385
0.1962
100.01
102.00
98.00
10.14
10.24
0.00%
0.00%
0.00%
4.83%

PASS

\*\*\*\*\* DEVICES SELECTED BUT NOT TESTED \*\*\*\*\*  
 DEVICE# "NO TEST" CODE

DEVIATION	TEST	ACCURACY	DATA	TEST	NUMBER	AND	FULL	LOAD	TEST	ACCURACY	DATA
I	100.2		716941	I	99.6		716941		99.6		716941
I	100.5		717225	I	99.9		717225		99.9		717225
I	100.2		717997	I	100.2		717997		100.2		717997
I	100.1		718512	I	99.7		718512		99.7		718512
I	100.2		718839	I	99.8		718839		99.8		718839
I	99.7		719573	I	100.0		719573		100.0		719573
I	100.1		719823	I	100.2		719823		100.2		719823
I	100.1		720086	I	99.9		720086		99.9		720086
I	100.3		720853	I	99.8		720853		99.8		720853
I	99.9		721559	I	100.1		721559		100.1		721559
I	99.8		721645	I	100.0		721645		100.0		721645
I	99.8		722085	I	99.8		722085		99.8		722085
I	100.1		722731	I	100.1		722731		100.1		722731
I	100.0		723142	I	99.9		723142		99.9		723142
I	99.8		723373	I	100.1		723373		100.1		723373



GROUP NAME	METER TYPE	IN-SERVICE POPULATION	SAMPLE QUANTITY	METERS TESTED	PASSED/ FAILED
6	F	183	15	15	PASS

ANALYZED TEST RESULTS PER ANSI/ASOC Z1.9-1993  
 DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
 ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
 AQL = 2.5% - INSPECTION LEVEL II - NORMAL INSPECTION

DEVICE NUMBER	TEST ACCURACY DATA	DEVIATION METHOD
776416	I 100.1	I 100.1
776423	I 100.2	I 100.1
776491	I 100.2	I 100.2
776630	I 100.2	I 100.1
776424	I 100.1	I 100.1
776510	I 100.2	I 100.2
776642	I 100.1	I 100.1
776446	I 100.1	I 100.1
776610	I 100.2	I 100.1
776656	I 100.1	I 100.1
776471	I 100.1	I 100.2
776626	I 100.2	I 100.1
776660	I 100.1	I 100.1

INFORMATION NEEDED

VALUE OBTAINED

Sample Size: n 15  
 Sum of Measurements: Sum(X) 1,502.1  
 Sum of Squared Measurements: Sum(X \*\* 2.0) 150,420.33  
 Correction Factor(CF): ( Sum(X) \*\* 2.0) / n ) 150,420.29  
 Corrected Sum of Squares(SS): Sum(X \*\* 2.0) - CF 0.04  
 Variance(V): SS / (n-1) 0.0029  
 Estimate of Lot Standard Deviation s: (V \*\* 0.5) 0.0539  
 Sample Mean X Bar: Sum(X) / n 100.14  
 Upper Specification Limit: U 102.00  
 Lower Specification Limit: L 98.00  
 Quality Index(Qu): (U - Xbar) / s 34.51  
 Quality Index(Ql): (Xbar - L) / s 39.70  
 Estimate of Lot Percent Ncf. Above U: PU 0.00%  
 Estimate of Lot Percent Ncf. Below L: PL 0.00%  
 Total Estimate Percent Ncf. In Lot: P = PU + PL 0.00%  
 Maximum Allowable Percent Ncf.: M 6.55%  
 Acceptability Criterion: (PU + PL) <= M PASS

\*\*\*\*\* DEVICES SELECTED BUT NOT TESTED \*\*\*\*\*  
 DEVICE# "NO TEST" CODE COMMENTS

2003 SAMPLE TEST PROGRAM (JANUARY 1, 2003 TO DECEMBER 31, 2003)

GROUP NAME	METER TYPE	METER TYPE	IN-SERVICE POPULATION	SAMPLE QUANTITY	METERS TESTED	PASSED/ FAILED
AB1	G	G	578	35	35	PASS
C1	F	F	5,361	75	75	PASS
DS	G	G	2	2	2	PASS
D2	G	G	2,096	50	50	PASS
D3	G	G	4	3	3	PASS
D4	G	G	10,000	75	74	PASS
D4 - 2	G	G	8,238	75	75	PASS
D5	G	G	3,663	75	73	PASS
I20	D	D	2	2	2	FAIL
I30	D	D	2	2	2	FAIL
I50	D	D	2,268	50	49	PASS
I55	D	D	2,447	50	50	PASS
I60	D	D	10,000	75	72	PASS
I60 - 2	D	D	5,984	75	74	PASS
I70	D	D	10,000	75	73	PASS
I70 - 2	D	D	10,000	75	75	PASS
I70 - 3	D	D	10,000	75	75	PASS
I70 - 4	D	D	10,000	75	75	PASS
I70 - 5	D	D	10,000	75	74	PASS
I70 - 6	D	D	10,000	75	75	PASS
I70 - 7	D	D	10,000	75	75	PASS
I70 - 8	D	D	10,000	75	74	PASS
I70 - 9	D	D	10,000	75	75	PASS
I70 - 10	D	D	10,000	75	75	PASS
I70 - 11	D	D	10,000	75	75	PASS
J	F	F	3,481	75	75	PASS
J2	F	F	15	3	3	PASS
J3	F	F	1,422	50	50	PASS
J4	F	F	5,936	75	72	PASS
J4 - 2	F	F	10,000	75	75	PASS
J4E	F	F	3,528	75	75	PASS
J5	F	F	594	35	35	PASS
J5 - 2	F	F	10,000	74	74	PASS
J5 - 3	F	F	10,000	75	75	PASS
J5 - 4	F	F	10,000	75	75	PASS
J5 - 5	F	F	10,000	75	74	PASS
J5 - 6	F	F	10,000	75	75	PASS
J5 - 7	F	F	10,000	75	74	PASS
J5 - 8	F	F	10,000	75	75	PASS
J5 - 9	F	F	10,000	75	75	PASS
J5 - 10	F	F	10,000	75	75	PASS
J5 - 11	F	F	10,000	75	75	PASS
J5 - 11	F	F	1,126	35	35	PASS
MP	F	F	415	25	25	PASS
MQ	A	A	839	35	35	PASS
MS	A	A	10,000	75	75	PASS
MS - 2	A	A	553	35	35	PASS
MSII	A	A	10,000	75	75	PASS
MSII - 2	A	A	10,000	75	75	PASS
MSII - 3	A	A	10,000	75	75	PASS
MSII - 4	A	A	10,000	75	75	PASS
MSII - 5	A	A	10,000	75	75	PASS
MSII - 6	A	A	4,135	74	74	PASS
MX	A	A	10,000	75	75	PASS
MX - 2	A	A	6,412	75	75	PASS

TESTING INCOMPLETE

TESTING INCOMPLETE  
TESTING INCOMPLETE

TESTING INCOMPLETE

TESTING INCOMPLETE

TESTING INCOMPLETE

CIMSB920

2003 SAMPLE TEST PROGRAM (JANUARY 1, 2003 TO DECEMBER 31, 2003)  
LOUISVILLE GAS & ELECTRIC COMPANY

GROUP NAME	METER TYPE	IN-SERVICE POPULATION	SAMPLE QUANTITY	METERS TESTED	PASSED/ FAILED
6	F	183	15	15	PASS

CIMSB920

2003 SAMPLE TEST PROGRAM (JANUARY 1, 2003 TO DECEMBER 31, 2003)

DATE 12/31/2003  
PAGE 58

TEST LOTS COUNT..... 55

TEST LOTS FAILED..... 2

LG&E Energy ~~Corp~~ LLC\*  
220 West Main Street (40202)  
P.O. Box 32030  
Louisville, Kentucky 40232

C

March 1, 2004

RECEIVED

MAR 0 1 2004

PUBLIC SERVICE  
COMMISSION

Mr. Thomas M. Dorman  
Executive Director  
Kentucky Public Service Commission  
211 Sower Boulevard  
Frankfort, Kentucky 40601

Dear Mr. Dorman:

Re: Case No. 99-441 **Sample Meter Testing Pilot Plan**

The PSC Order in Case Number 99-441 allowed for a new sample-testing plan for participating electric utilities. This order required these same utilities to submit an annual report to the Commission.

Pursuant to the October 25, 2000 Revised Amended Sample Meter Testing Pilot Plan, Appendix A, Section I (4) and Appendix A, Section II (D)(3)(b), **Kentucky Utilities Company** submits the following:

The Certified Test Results of all new meters received  
(Attachment A)

2002 Statistical Sampling Test Results and Summary  
(Attachment B)

If you have any questions please do not hesitate to contact me.

Sincerely,



Marty J. Reinert  
Regulatory Analyst II  
Regulatory Affairs

Attachments

Cc: Mr. Dennis Hildenbrand



**KU**  
**2003 SAMPLE**  
**ELECTRIC METER SUMMARY**

**SAMPLE**

In-Service Population	457,205	Divided into 65 Lots
Sample Quantity	4,037	
Meters Tested	4,033	
Meters Not Tested	4	
Failed Lots	0	
Failed Lot Meters	0	

**DETAIL OF METERS NOT TESTED**

**Lost/Stolen**

L124245	I60-4	Not located, presumed lost
C163211	J	Not located, presumed lost
C349732	J5-9	Not located, presumed lost

**Open Potential Coil**

W122865	J4-2
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KENTUCKY UTILITIES / OLD DOMINION POWER COMPANY  
 MANUFACTURER TESTS ADDED LAST YEAR  
 REPORT NO. MD8880

PAGE 1  
 RUN DATE: 2/24/04  
 RUN TIME: 16.07.13

CO	MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACTOR
KUE	SCHLUMBERGER	C1S	C407779	11-10-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	C1S	C407780	11-10-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	C1S	C407781	11-10-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1S	C407782	11-10-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	C1S	C407783	11-10-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1S	C407784	11-10-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1S	C407785	11-10-03	99.9	100.1	100.1
KUE	SCHLUMBERGER	C1S	C407786	11-10-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1S	C407787	11-10-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1S	C407788	11-10-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	C1S	C407789	11-10-03	99.9	100.1	100.1
KUE	SCHLUMBERGER	C1S	C407790	11-10-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	C1S	C407791	11-10-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	C1S	C407792	11-10-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1S	C407793	11-10-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1S	C407794	11-10-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1S	C407795	11-10-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	C1S	C407796	11-10-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	C1S	C407797	11-10-03	99.9	100.1	100.0
KUE	SCHLUMBERGER	C1S	C407798	11-10-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1S	C407799	11-10-03	99.9	100.1	100.1
KUE	SCHLUMBERGER	C1S	C407800	11-10-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1S	C407801	11-10-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1S	C407802	11-10-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1S	C407803	11-10-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1S	C407804	11-10-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1S	C407805	11-10-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1S	C407806	11-10-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1S	C407807	11-10-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1S	C407808	11-10-03	99.9	100.1	100.0
KUE	SCHLUMBERGER	C1S	C407809	11-10-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1S	C407810	11-10-03	100.0	100.1	100.0
KUE	SCHLUMBERGER	C1S	C407811	11-10-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	C1S	C407812	11-10-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	C1S	C407813	11-10-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1S	C407814	11-10-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1S	C407815	11-10-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1S	C407816	11-10-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	C1S	C407817	11-10-03	99.9	99.9	100.1
KUE	SCHLUMBERGER	C1S	C407818	11-10-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	C1S	C407819	11-10-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1S	C407820	11-10-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1S	C407821	11-10-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1S	C407822	11-10-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1S	C407823	11-10-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	C1S	C407824	11-10-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	C1S	C407825	11-10-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1S	C407826	11-10-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1S	C407827	11-10-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1S	C407828	11-10-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	C1S	C407829	11-10-03	99.9	100.0	100.1

KENTUCKY UTILITIES / OLD DOMINION POWER COMPANY  
 MANUFACTURER TESTS ADDED LAST YEAR  
 REPORT NO. MD8880

PAGE 2  
 RUN DATE: 2/24/04  
 RUN TIME: 16.07.13

CO	MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACTOR
KUE	SCHLUMBERGER	C1S	C407830	11-10-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1S	C407831	11-10-03	99.9	100.1	100.0
KUE	SCHLUMBERGER	C1S	C407832	11-10-03	100.0	100.1	100.0
KUE	SCHLUMBERGER	C1S	C407833	11-10-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1S	C407834	11-10-03	99.9	100.1	100.1
KUE	SCHLUMBERGER	C1S	C407835	11-10-03	100.0	100.1	100.0
KUE	SCHLUMBERGER	C1S	C407836	11-10-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1S	C407837	11-10-03	99.9	99.9	100.1
KUE	SCHLUMBERGER	C1S	C407838	11-10-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1S	C407839	11-10-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1S	C407840	11-10-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1S	C407841	11-10-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1S	C407842	11-10-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1S	C407843	11-10-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	C1S	C407844	11-10-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	C1S	C407845	11-10-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1S	C407846	11-10-03	99.9	100.1	100.0
KUE	SCHLUMBERGER	C1S	C407847	11-10-03	99.9	99.9	100.1
KUE	SCHLUMBERGER	C1S	C407848	11-10-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1S	C407849	11-10-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1S	C407850	11-10-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	C1S	C407851	11-10-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1S	C407852	11-10-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1S	C407853	11-10-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	C1S	C407854	11-10-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1S	C407855	11-10-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	C1S	C407856	11-10-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1S	C407857	11-10-03	100.0	100.1	100.0
KUE	SCHLUMBERGER	C1S	C407858	11-10-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	C1S	C407859	11-10-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	C1S	C407860	11-10-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1S	C407861	11-10-03	100.0	100.1	100.0
KUE	SCHLUMBERGER	C1S	C407862	11-10-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1S	C407863	11-10-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1S	C407864	11-10-03	99.9	100.1	100.1
KUE	SCHLUMBERGER	C1S	C407865	11-10-03	99.9	100.1	100.1
KUE	SCHLUMBERGER	C1S	C407866	11-10-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1S	C407867	11-10-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	C1S	C407868	11-10-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1S	C407869	11-10-03	99.9	99.9	100.1
KUE	SCHLUMBERGER	C1S	C407870	11-10-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1S	C407871	11-10-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1S	C407872	11-10-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1S	C407873	11-10-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1S	C407874	11-10-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1S	C407875	11-10-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1S	C407876	11-10-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	C1S	C407877	11-10-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1S	C407878	11-10-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	C1S	C407879	10-17-03	100.0	100.1	100.0
KUE	SCHLUMBERGER	C1S	C407880	10-17-03	100.0	100.0	100.1



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CO	MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACTOR
KUE	SCHLUMBERGER	C1S	C407881	10-17-03	99.9	100.1	100.0
KUE	SCHLUMBERGER	C1S	C407882	10-17-03	100.0	100.1	100.0
KUE	SCHLUMBERGER	C1S	C407883	10-17-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	C1S	C407884	10-17-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	C1S	C407885	10-17-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	C1S	C407886	10-17-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	C1S	C407887	10-17-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1S	C407888	10-17-03	99.9	100.1	100.0
KUE	SCHLUMBERGER	C1S	C407889	10-17-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	C1S	C407890	10-17-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1S	C407891	10-17-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1S	C407892	10-17-03	99.9	99.9	100.1
KUE	SCHLUMBERGER	C1S	C407893	10-17-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	C1S	C407894	10-17-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1S	C407895	10-16-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	C1S	C407896	10-17-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1S	C407897	10-17-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	C1S	C407898	10-17-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1S	C407899	10-17-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	C1S	C407900	10-17-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1S	C407901	10-17-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1S	C407902	10-17-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1S	C407903	10-17-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	C1S	C407904	10-17-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	C1S	C407905	10-17-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	C1S	C407906	10-17-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1S	C407907	10-17-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1S	C407908	10-17-03	99.9	99.8	100.0
KUE	SCHLUMBERGER	C1S	C407909	10-17-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1S	C407910	10-17-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1S	C407911	10-17-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1S	C407912	10-17-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	C1S	C407913	10-17-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	C1S	C407914	10-17-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	C1S	C407915	10-17-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	C1S	C407916	10-17-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1S	C407917	10-17-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1S	C407918	10-17-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1S	C407919	10-17-03	99.9	100.1	100.1
KUE	SCHLUMBERGER	C1S	C407920	10-17-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	C1S	C407921	10-20-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	C1S	C407922	10-20-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1S	C407923	10-17-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1S	C407924	10-17-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1S	C407925	10-20-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	C1S	C407926	10-20-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1S	C407927	10-17-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1S	C407928	10-17-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1S	C407929	10-17-03	99.9	100.1	100.0
KUE	SCHLUMBERGER	C1S	C407930	10-17-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	C1S	C407931	10-20-03	99.9	99.9	100.0

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KUE	SCHLUMBERGER	C1S	C407932	10-17-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1S	C407933	10-17-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1S	C407934	10-17-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1S	C407935	10-17-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1S	C407936	10-17-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1S	C407937	10-17-03	100.0	100.1	100.0
KUE	SCHLUMBERGER	C1S	C407938	10-17-03	99.9	100.1	100.0
KUE	SCHLUMBERGER	C1S	C407939	10-17-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1S	C407940	10-17-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1S	C407941	10-17-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1S	C407942	10-20-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1S	C407943	10-17-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	C1S	C407944	10-20-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1S	C407945	10-17-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	C1S	C407946	10-17-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1S	C407947	10-17-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	C1S	C407948	10-17-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1S	C407949	10-17-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	C1S	C407950	10-17-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1S	C407951	10-17-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1S	C407952	10-17-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1S	C407953	10-17-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1S	C407954	10-17-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1S	C407955	10-17-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1S	C407956	10-17-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1S	C407957	10-17-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1S	C407958	10-17-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1S	C407959	10-17-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	C1S	C407960	10-17-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	C1S	C407961	10-17-03	100.0	100.2	100.0
KUE	SCHLUMBERGER	C1S	C407962	10-17-03	99.9	100.1	100.1
KUE	SCHLUMBERGER	C1S	C407963	10-17-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1S	C407964	10-17-03	99.9	100.1	100.1
KUE	SCHLUMBERGER	C1S	C407965	10-20-03	99.9	100.1	100.1
KUE	SCHLUMBERGER	C1S	C407966	10-20-03	99.9	100.1	100.0
KUE	SCHLUMBERGER	C1S	C407967	10-17-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	C1S	C407968	10-17-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	C1S	C407969	10-17-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	C1S	C407970	10-17-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	C1S	C407971	10-17-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	C1S	C407972	10-17-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1S	C407973	10-17-03	100.0	100.1	100.2
KUE	SCHLUMBERGER	C1S	C407974	10-17-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1S	C407975	10-17-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	C1S	C407976	10-17-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1S	C407977	10-17-03	99.9	100.1	100.1
KUE	SCHLUMBERGER	C1S	C407978	10-17-03	99.9	100.1	100.1

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CO	MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACTOR
KUE	SCHLUMBERGER	C1SR	C407237	03-27-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	C1SR	C407238	03-27-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407239	03-27-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407240	03-27-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407241	03-27-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	C1SR	C407242	03-27-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407243	03-27-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	C1SR	C407244	03-27-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407245	03-27-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407246	03-27-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407247	03-27-03	100.0	100.1	100.0
KUE	SCHLUMBERGER	C1SR	C407248	03-27-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407249	03-27-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407250	03-27-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407251	03-27-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407252	03-27-03	100.0	100.1	100.2
KUE	SCHLUMBERGER	C1SR	C407253	03-27-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	C1SR	C407254	03-27-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407255	03-27-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407256	03-27-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407257	03-27-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407258	03-27-03	99.9	100.1	100.0
KUE	SCHLUMBERGER	C1SR	C407259	03-27-03	100.0	100.1	100.0
KUE	SCHLUMBERGER	C1SR	C407260	03-27-03	99.9	100.1	100.0
KUE	SCHLUMBERGER	C1SR	C407261	03-27-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407262	03-27-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407263	03-27-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407264	03-27-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407265	03-27-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407266	03-27-03	99.9	99.9	100.1
KUE	SCHLUMBERGER	C1SR	C407267	03-27-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407268	03-27-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407269	03-27-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407270	03-27-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	C1SR	C407271	03-27-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407272	03-27-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407273	03-27-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	C1SR	C407274	03-27-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407275	03-27-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407276	03-27-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407277	03-27-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407278	03-27-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407279	03-27-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	C1SR	C407280	03-27-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407281	03-27-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407282	03-27-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407283	03-27-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407284	03-27-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407285	03-27-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407286	03-27-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407287	03-27-03	99.9	100.2	100.1

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KUE	SCHLUMBERGER	C1SR	C407288	03-27-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407289	03-27-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407290	03-27-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407291	03-27-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407292	03-27-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407293	03-27-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407294	03-27-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	C1SR	C407295	03-25-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	C1SR	C407296	03-27-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407297	03-25-03	99.9	100.0	99.9
KUE	SCHLUMBERGER	C1SR	C407298	03-27-03	100.0	100.1	100.0
KUE	SCHLUMBERGER	C1SR	C407299	03-27-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407300	03-27-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407301	03-27-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	C1SR	C407302	03-27-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407303	03-27-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407304	03-27-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407305	03-27-03	99.9	100.1	100.1
KUE	SCHLUMBERGER	C1SR	C407306	03-25-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	C1SR	C407307	03-27-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407308	03-27-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407309	03-27-03	99.9	100.1	100.1
KUE	SCHLUMBERGER	C1SR	C407310	03-27-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	C1SR	C407311	03-27-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407312	03-27-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407313	03-27-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407314	03-27-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407315	03-27-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	C1SR	C407316	03-27-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	C1SR	C407317	03-27-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407318	03-27-03	100.0	100.1	100.0
KUE	SCHLUMBERGER	C1SR	C407319	03-27-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407320	03-27-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407321	03-27-03	99.9	100.1	100.0
KUE	SCHLUMBERGER	C1SR	C407322	03-27-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407323	03-27-03	99.9	100.1	100.1
KUE	SCHLUMBERGER	C1SR	C407324	03-27-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407325	03-27-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	C1SR	C407326	03-27-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407327	03-27-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407328	03-27-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407329	03-27-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	C1SR	C407330	03-27-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407331	03-27-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407332	03-27-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	C1SR	C407333	03-27-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407334	03-27-03	100.0	100.1	100.2
KUE	SCHLUMBERGER	C1SR	C407335	03-27-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	C1SR	C407336	03-27-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	C1SR	C407377	09-03-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407378	09-03-03	100.0	100.0	100.1

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KUE	SCHLUMBERGER	C1SR	C407379	09-03-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407380	09-03-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407381	09-03-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407382	09-03-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407383	09-03-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407384	09-02-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407385	09-03-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407386	09-02-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407387	09-02-03	99.9	99.9	100.1
KUE	SCHLUMBERGER	C1SR	C407388	09-02-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407389	09-03-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407390	09-03-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407391	09-03-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407392	09-03-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407393	09-03-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407394	09-03-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407395	09-03-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407396	09-03-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407397	09-02-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407398	09-02-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407399	09-02-03	99.9	99.9	99.9
KUE	SCHLUMBERGER	C1SR	C407400	09-02-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407401	09-02-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407402	09-02-03	99.9	100.1	100.0
KUE	SCHLUMBERGER	C1SR	C407403	09-02-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	C1SR	C407404	09-02-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407405	09-02-03	99.9	100.1	100.0
KUE	SCHLUMBERGER	C1SR	C407406	09-03-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407407	09-03-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407408	09-03-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407409	09-03-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407410	09-03-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	C1SR	C407411	09-03-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407412	09-03-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407413	09-03-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407414	09-03-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407415	09-03-03	99.9	99.9	100.1
KUE	SCHLUMBERGER	C1SR	C407416	09-03-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407417	09-03-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407418	09-03-03	100.0	100.2	100.1
KUE	SCHLUMBERGER	C1SR	C407419	09-03-03	99.9	99.9	100.1
KUE	SCHLUMBERGER	C1SR	C407420	09-02-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407421	09-02-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	C1SR	C407422	09-02-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407423	09-03-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407424	09-03-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407425	09-03-03	99.9	100.1	100.0
KUE	SCHLUMBERGER	C1SR	C407426	09-02-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407427	09-02-03	99.9	99.9	100.1
KUE	SCHLUMBERGER	C1SR	C407428	09-03-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407429	09-03-03	99.9	100.0	100.0

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KUE	SCHLUMBERGER	C1SR	C407430	09-03-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407431	09-03-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407432	09-03-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407433	09-03-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407434	09-03-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	C1SR	C407435	09-03-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407436	09-03-03	99.9	99.9	99.9
KUE	SCHLUMBERGER	C1SR	C407437	09-03-03	99.9	100.1	100.0
KUE	SCHLUMBERGER	C1SR	C407438	09-03-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407439	09-03-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407440	09-03-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407441	09-03-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407442	09-03-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407443	09-03-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407444	09-03-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407445	09-03-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407446	09-03-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407447	09-03-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407448	09-03-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407449	09-03-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407450	09-03-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407451	09-03-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407452	09-03-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407453	09-03-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407454	09-03-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407455	09-03-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407456	09-03-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407457	09-03-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407458	09-03-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407459	09-03-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407460	09-03-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407461	09-03-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407462	09-03-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407463	09-03-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407464	09-02-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407465	09-03-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407466	09-03-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	C1SR	C407467	09-03-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407468	09-03-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407469	09-03-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407470	09-03-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407471	09-03-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407472	09-03-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407473	09-03-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407474	09-03-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	C1SR	C407475	09-03-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407476	09-03-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407477	09-03-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407478	09-03-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407479	09-03-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407480	09-03-03	99.9	99.9	100.1

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KUE	SCHLUMBERGER	C1SR	C407481	09-03-03	99.9	100.1	100.1
KUE	SCHLUMBERGER	C1SR	C407482	09-03-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407483	09-03-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407484	09-03-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407485	09-03-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407486	09-03-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407487	09-03-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407488	09-03-03	100.0	100.1	100.0
KUE	SCHLUMBERGER	C1SR	C407489	09-03-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407490	09-03-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	C1SR	C407491	09-03-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407492	09-03-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407493	09-03-03	99.9	99.9	100.1
KUE	SCHLUMBERGER	C1SR	C407494	09-03-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407495	09-03-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407496	09-03-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407497	09-03-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407498	09-03-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407499	09-03-03	99.9	100.1	100.0
KUE	SCHLUMBERGER	C1SR	C407500	09-03-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407501	09-03-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407502	09-03-03	99.9	100.1	100.0
KUE	SCHLUMBERGER	C1SR	C407503	09-03-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407504	09-02-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407505	09-03-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407506	09-03-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407507	09-03-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407508	09-03-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407509	09-03-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407510	09-03-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407511	09-02-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407512	09-03-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407513	09-03-03	99.9	99.9	100.1
KUE	SCHLUMBERGER	C1SR	C407514	09-03-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407515	09-03-03	99.9	99.9	100.1
KUE	SCHLUMBERGER	C1SR	C407516	09-03-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407517	09-03-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407518	09-03-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407519	09-03-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407520	09-03-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407521	09-03-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407522	09-03-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	C1SR	C407523	09-02-03	100.0	100.1	100.0
KUE	SCHLUMBERGER	C1SR	C407524	09-02-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407525	09-03-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407526	09-03-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407527	09-03-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407528	09-03-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407529	09-03-03	100.0	100.1	100.0
KUE	SCHLUMBERGER	C1SR	C407530	09-03-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407531	09-03-03	99.9	99.9	100.0

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KUE	SCHLUMBERGER	C1SR	C407532	09-03-03	99.9	99.9	99.9
KUE	SCHLUMBERGER	C1SR	C407533	09-03-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407534	09-02-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407535	09-02-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407536	09-03-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407537	09-03-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407538	09-03-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407539	09-03-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407540	09-02-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407541	09-03-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	C1SR	C407542	09-03-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407543	09-03-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407544	09-02-03	99.9	99.9	100.1
KUE	SCHLUMBERGER	C1SR	C407545	09-02-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407546	09-03-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407547	09-03-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407548	09-03-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407549	09-03-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407550	09-03-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407551	09-02-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407552	09-02-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407553	09-03-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	C1SR	C407554	09-03-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407555	09-03-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407556	09-03-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407557	09-02-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407558	09-02-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407559	09-02-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407560	09-03-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407561	09-02-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407562	09-03-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407563	09-03-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407564	09-03-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407565	09-02-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407566	09-02-03	99.9	100.1	100.1
KUE	SCHLUMBERGER	C1SR	C407567	09-03-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407568	09-03-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407569	09-03-03	99.9	100.1	100.0
KUE	SCHLUMBERGER	C1SR	C407570	09-02-03	99.9	100.1	100.0
KUE	SCHLUMBERGER	C1SR	C407571	09-02-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407572	09-03-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407573	09-03-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407574	09-03-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407575	09-03-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407576	09-03-03	100.0	100.1	100.0
KUE	SCHLUMBERGER	C1SR	C407577	09-02-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407578	09-02-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407579	09-02-03	99.9	99.9	99.9
KUE	SCHLUMBERGER	C1SR	C407580	09-02-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407581	09-03-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407582	09-02-03	100.0	99.9	100.0



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KUE	SCHLUMBERGER	C1SR	C407583	09-02-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407584	09-03-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407585	09-02-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407586	09-03-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407587	09-03-03	99.9	99.9	100.1
KUE	SCHLUMBERGER	C1SR	C407588	09-02-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407589	09-03-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407590	09-02-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407591	09-02-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407592	09-03-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	C1SR	C407593	09-02-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407594	09-02-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407595	09-03-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407596	09-03-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407597	09-03-03	100.0	100.1	100.0
KUE	SCHLUMBERGER	C1SR	C407598	09-03-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407599	09-03-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407600	09-03-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407601	09-02-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407602	09-03-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407603	09-02-03	99.9	99.9	99.9
KUE	SCHLUMBERGER	C1SR	C407604	09-02-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407605	09-03-03	99.9	99.9	100.1
KUE	SCHLUMBERGER	C1SR	C407606	09-03-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407607	09-02-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407608	09-03-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407609	09-03-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407610	09-03-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407611	09-03-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407612	09-02-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407613	09-03-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407614	09-02-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	C1SR	C407615	09-02-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407616	09-02-03	99.9	100.1	100.0
KUE	SCHLUMBERGER	C1SR	C407617	09-03-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407618	09-03-03	100.0	100.1	100.0
KUE	SCHLUMBERGER	C1SR	C407619	09-03-03	99.9	100.1	100.0
KUE	SCHLUMBERGER	C1SR	C407620	09-02-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407621	09-02-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	C1SR	C407622	09-03-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407623	09-03-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407624	09-02-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407625	09-02-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	C1SR	C407626	09-02-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407627	09-03-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407628	09-03-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407629	09-03-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407630	09-02-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407631	09-02-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407632	09-03-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407633	09-03-03	99.9	100.0	100.0

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KUE	SCHLUMBERGER	C1SR	C407634	09-03-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407635	09-03-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407636	09-03-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407637	09-02-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	C1SR	C407638	09-02-03	100.0	100.1	100.0
KUE	SCHLUMBERGER	C1SR	C407639	09-03-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407640	09-03-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407641	09-03-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407642	09-03-03	100.0	100.1	100.0
KUE	SCHLUMBERGER	C1SR	C407643	09-03-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407644	09-03-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407645	09-03-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407646	09-03-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407647	09-03-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407648	09-03-03	99.9	100.1	100.0
KUE	SCHLUMBERGER	C1SR	C407649	09-03-03	100.1	100.1	100.0
KUE	SCHLUMBERGER	C1SR	C407650	09-03-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407651	09-03-03	99.9	100.1	100.0
KUE	SCHLUMBERGER	C1SR	C407652	09-03-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407653	09-03-03	99.9	99.9	100.1
KUE	SCHLUMBERGER	C1SR	C407654	09-03-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407655	09-03-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407656	09-03-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407657	09-03-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407658	09-03-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407659	09-03-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407660	09-03-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	C1SR	C407661	09-03-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407662	09-03-03	99.9	100.1	100.1
KUE	SCHLUMBERGER	C1SR	C407663	09-03-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407664	09-03-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407665	09-03-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407666	09-03-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407667	09-03-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407668	09-03-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407669	09-03-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407670	09-03-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407671	09-03-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407672	09-03-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407673	09-03-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407674	09-03-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407675	09-03-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407676	09-03-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407677	09-03-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	C1SR	C407678	09-03-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407679	09-03-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407680	09-03-03	100.0	100.1	100.0
KUE	SCHLUMBERGER	C1SR	C407681	09-03-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407682	09-03-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407683	09-03-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	C1SR	C407684	09-03-03	100.0	100.0	100.1

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KUE	SCHLUMBERGER	C1SR	C407685	09-03-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407686	09-03-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407687	09-03-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407688	09-03-03	99.9	100.1	100.1
KUE	SCHLUMBERGER	C1SR	C407689	09-03-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407690	09-03-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407691	09-03-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407692	09-03-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407693	09-03-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407694	09-03-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407695	09-03-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	C1SR	C407696	09-03-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407697	09-03-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407698	09-03-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407699	09-03-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407700	09-03-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407701	09-03-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407702	09-03-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407703	09-03-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407704	09-03-03	99.9	100.1	100.0
KUE	SCHLUMBERGER	C1SR	C407705	09-03-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407706	09-03-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407707	09-03-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407708	09-03-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407709	09-03-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407710	09-03-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407711	09-03-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407712	09-03-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407713	09-03-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407714	09-03-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407715	09-03-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407716	09-03-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407717	09-03-03	99.9	99.9	100.1
KUE	SCHLUMBERGER	C1SR	C407718	09-03-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407719	09-03-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407720	09-03-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407721	09-03-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407722	09-03-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407723	09-03-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407724	09-03-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407725	09-03-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407726	09-03-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C1SR	C407727	09-03-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407728	09-03-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	C1SR	C407729	09-03-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407730	09-03-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407731	08-07-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	C1SR	C407732	08-06-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407733	08-06-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407734	08-06-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C1SR	C407735	08-07-03	100.0	100.1	100.0

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KUE	SCHLUMBERGER	C407736	08-07-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C407737	08-07-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	C407738	08-07-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C407739	08-07-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	C407740	08-07-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	C407741	08-07-03	99.9	100.1	100.1
KUE	SCHLUMBERGER	C407742	08-07-03	99.9	100.1	100.1
KUE	SCHLUMBERGER	C407743	08-09-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C407744	08-09-03	100.1	100.1	100.1
KUE	SCHLUMBERGER	C407745	08-09-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	C407746	08-09-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C407747	08-09-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	C407748	08-09-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C407749	08-09-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C407750	08-09-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C407751	08-09-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C407752	08-09-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C407753	08-09-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C407754	08-09-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	C407755	08-09-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	C407756	08-09-03	99.9	99.9	100.1
KUE	SCHLUMBERGER	C407757	08-09-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C407758	08-09-03	100.0	100.1	100.0
KUE	SCHLUMBERGER	C407759	08-09-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C407760	08-09-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C407761	08-09-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C407762	08-09-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	C407763	08-09-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	C407764	08-09-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	C407765	08-09-03	100.0	100.1	100.0
KUE	SCHLUMBERGER	C407766	08-09-03	99.9	100.1	100.1
KUE	SCHLUMBERGER	C407767	08-09-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	C407768	08-09-03	99.9	99.9	100.1
KUE	SCHLUMBERGER	C407769	08-09-03	100.0	100.1	100.0
KUE	SCHLUMBERGER	C407770	08-09-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C407771	08-09-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C407772	08-09-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C407773	08-09-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	C407774	08-09-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	C407775	08-09-03	100.0	100.1	100.0
KUE	SCHLUMBERGER	C407776	08-09-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	C407777	08-09-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	C407778	08-09-03	99.9	100.0	100.1

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KUE	SCHLUMBERGER	J55	C396282	09-30-03	100.2	99.6	100.0
KUE	SCHLUMBERGER	J55	C400581	01-02-03	100.0	99.7	100.1
KUE	SCHLUMBERGER	J55	C400582	01-02-03	100.0	99.6	99.7
KUE	SCHLUMBERGER	J55	C400583	01-02-03	100.0	99.9	99.8
KUE	SCHLUMBERGER	J55	C400584	01-02-03	99.8	99.7	99.6
KUE	SCHLUMBERGER	J55	C400585	01-02-03	100.0	99.8	99.8
KUE	SCHLUMBERGER	J55	C400586	01-02-03	100.0	100.0	100.2
KUE	SCHLUMBERGER	J55	C400587	01-02-03	100.3	100.4	100.3
KUE	SCHLUMBERGER	J55	C400588	01-02-03	100.3	99.6	99.9
KUE	SCHLUMBERGER	J55	C400589	01-02-03	100.1	99.9	100.1
KUE	SCHLUMBERGER	J55	C400590	01-02-03	100.0	99.7	99.6
KUE	SCHLUMBERGER	J55	C400591	01-02-03	100.1	99.8	99.6
KUE	SCHLUMBERGER	J55	C400592	01-02-03	99.9	99.7	99.9
KUE	SCHLUMBERGER	J55	C400593	01-02-03	100.0	99.9	99.9
KUE	SCHLUMBERGER	J55	C400594	01-02-03	100.2	99.7	100.2
KUE	SCHLUMBERGER	J55	C400595	01-02-03	100.1	99.9	99.9
KUE	SCHLUMBERGER	J55	C400596	01-02-03	100.1	99.9	99.5
KUE	SCHLUMBERGER	J55	C400597	01-02-03	100.1	99.9	99.9
KUE	SCHLUMBERGER	J55	C400598	01-02-03	100.2	100.0	99.4
KUE	SCHLUMBERGER	J55	C400599	01-02-03	100.0	99.7	99.8
KUE	SCHLUMBERGER	J55	C400600	01-02-03	100.1	99.9	99.5
KUE	SCHLUMBERGER	J55	C400601	01-02-03	100.0	99.6	99.6
KUE	SCHLUMBERGER	J55	C400602	01-02-03	100.1	99.8	99.6
KUE	SCHLUMBERGER	J55	C400603	01-02-03	100.0	99.6	99.8
KUE	SCHLUMBERGER	J55	C400604	01-02-03	100.0	99.6	99.5
KUE	SCHLUMBERGER	J55	C400605	01-02-03	100.1	99.8	100.2
KUE	SCHLUMBERGER	J55	C400606	01-02-03	100.1	100.4	100.3
KUE	SCHLUMBERGER	J55	C400607	01-02-03	100.0	99.9	99.3
KUE	SCHLUMBERGER	J55	C400608	01-02-03	99.9	99.8	100.1
KUE	SCHLUMBERGER	J55	C400609	01-02-03	99.9	99.6	99.5
KUE	SCHLUMBERGER	J55	C400610	01-02-03	100.1	99.9	100.1
KUE	SCHLUMBERGER	J55	C400611	01-02-03	100.1	100.2	99.8
KUE	SCHLUMBERGER	J55	C400612	01-02-03	100.3	99.8	99.6
KUE	SCHLUMBERGER	J55	C400613	01-02-03	100.0	100.5	100.1
KUE	SCHLUMBERGER	J55	C400614	01-02-03	99.9	99.8	99.7
KUE	SCHLUMBERGER	J55	C400615	01-02-03	99.9	100.2	99.5
KUE	SCHLUMBERGER	J55	C400616	01-02-03	100.0	99.9	99.7
KUE	SCHLUMBERGER	J55	C400617	01-02-03	100.1	100.1	99.8
KUE	SCHLUMBERGER	J55	C400618	01-02-03	99.9	100.1	99.6
KUE	SCHLUMBERGER	J55	C400619	01-02-03	100.0	100.0	99.7
KUE	SCHLUMBERGER	J55	C400620	01-02-03	100.0	99.9	99.6
KUE	SCHLUMBERGER	J55	C400621	01-02-03	100.1	99.8	99.8
KUE	SCHLUMBERGER	J55	C400622	01-02-03	100.2	99.9	99.6
KUE	SCHLUMBERGER	J55	C400623	01-02-03	100.0	99.7	99.6
KUE	SCHLUMBERGER	J55	C400624	01-02-03	100.3	100.3	100.4
KUE	SCHLUMBERGER	J55	C400625	01-02-03	100.0	99.7	100.2
KUE	SCHLUMBERGER	J55	C400626	01-02-03	100.0	100.1	99.8
KUE	SCHLUMBERGER	J55	C400627	01-02-03	100.0	99.8	99.7
KUE	SCHLUMBERGER	J55	C400628	01-02-03	100.1	100.4	100.4
KUE	SCHLUMBERGER	J55	C400629	01-02-03	99.9	100.4	99.8
KUE	SCHLUMBERGER	J55	C400630	01-02-03	100.0	99.8	99.8

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CO	MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACTOR
KUE	SCHLUMBERGER	J5S	C400631	01-02-03	100.2	100.2	100.0
KUE	SCHLUMBERGER	J5S	C400632	01-02-03	100.1	100.0	99.6
KUE	SCHLUMBERGER	J5S	C400633	01-02-03	100.3	100.0	100.0
KUE	SCHLUMBERGER	J5S	C400634	01-02-03	100.0	99.8	100.1
KUE	SCHLUMBERGER	J5S	C400635	01-02-03	100.1	99.7	100.1
KUE	SCHLUMBERGER	J5S	C400636	01-02-03	100.0	99.7	100.1
KUE	SCHLUMBERGER	J5S	C400637	01-02-03	100.1	99.7	100.1
KUE	SCHLUMBERGER	J5S	C400638	01-02-03	100.1	99.9	99.8
KUE	SCHLUMBERGER	J5S	C400639	01-02-03	99.9	99.8	99.5
KUE	SCHLUMBERGER	J5S	C400640	01-02-03	100.0	99.8	99.7
KUE	SCHLUMBERGER	J5S	C400641	01-02-03	100.2	99.8	99.9
KUE	SCHLUMBERGER	J5S	C400642	01-02-03	100.1	99.8	100.3
KUE	SCHLUMBERGER	J5S	C400643	01-02-03	99.9	99.8	99.6
KUE	SCHLUMBERGER	J5S	C400644	01-02-03	100.2	99.9	100.3
KUE	SCHLUMBERGER	J5S	C400645	01-02-03	100.1	99.8	100.1
KUE	SCHLUMBERGER	J5S	C400646	01-02-03	99.9	100.0	100.2
KUE	SCHLUMBERGER	J5S	C400647	01-02-03	100.0	99.8	100.1
KUE	SCHLUMBERGER	J5S	C400648	01-02-03	100.0	99.8	99.6
KUE	SCHLUMBERGER	J5S	C400649	01-02-03	99.9	99.7	100.1
KUE	SCHLUMBERGER	J5S	C400650	01-02-03	99.9	100.3	100.0
KUE	SCHLUMBERGER	J5S	C400651	01-02-03	99.9	100.4	99.9
KUE	SCHLUMBERGER	J5S	C400652	01-02-03	100.3	100.1	99.9
KUE	SCHLUMBERGER	J5S	C400653	01-02-03	99.9	99.9	99.7
KUE	SCHLUMBERGER	J5S	C400654	01-02-03	100.0	99.6	99.6
KUE	SCHLUMBERGER	J5S	C400655	01-02-03	100.0	99.8	99.9
KUE	SCHLUMBERGER	J5S	C400656	01-02-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	J5S	C400657	01-02-03	99.9	100.1	100.0
KUE	SCHLUMBERGER	J5S	C400658	01-02-03	99.9	99.9	99.8
KUE	SCHLUMBERGER	J5S	C400659	01-02-03	100.1	100.0	99.5
KUE	SCHLUMBERGER	J5S	C400660	01-02-03	100.2	99.8	99.7
KUE	SCHLUMBERGER	J5S	C400661	01-02-03	100.2	100.2	99.6
KUE	SCHLUMBERGER	J5S	C400662	01-02-03	100.1	100.0	99.9
KUE	SCHLUMBERGER	J5S	C400663	01-02-03	100.1	100.1	99.8
KUE	SCHLUMBERGER	J5S	C400664	01-02-03	100.0	100.1	100.0
KUE	SCHLUMBERGER	J5S	C400665	01-02-03	100.0	99.6	100.0
KUE	SCHLUMBERGER	J5S	C400666	01-02-03	100.1	99.8	99.4
KUE	SCHLUMBERGER	J5S	C400667	01-02-03	99.8	99.6	99.7
KUE	SCHLUMBERGER	J5S	C400668	01-02-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	J5S	C400669	01-02-03	99.9	99.8	99.9
KUE	SCHLUMBERGER	J5S	C400670	01-02-03	100.0	99.7	99.7
KUE	SCHLUMBERGER	J5S	C400671	01-02-03	100.1	99.7	100.3
KUE	SCHLUMBERGER	J5S	C400672	01-02-03	100.0	99.7	99.8
KUE	SCHLUMBERGER	J5S	C400673	01-02-03	100.0	99.7	99.7
KUE	SCHLUMBERGER	J5S	C400674	01-02-03	99.9	99.7	100.2
KUE	SCHLUMBERGER	J5S	C400675	01-02-03	100.0	99.8	99.9
KUE	SCHLUMBERGER	J5S	C400676	01-02-03	100.0	99.8	99.8
KUE	SCHLUMBERGER	J5S	C400677	01-02-03	100.1	99.7	99.7
KUE	SCHLUMBERGER	J5S	C400678	01-02-03	100.1	99.9	99.8
KUE	SCHLUMBERGER	J5S	C400679	01-02-03	100.0	99.7	99.6
KUE	SCHLUMBERGER	J5S	C400680	01-02-03	100.2	99.8	99.7
KUE	SCHLUMBERGER	J5S	C400681	01-02-03	99.8	100.1	99.5

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KUE	SCHLUMBERGER	J5S	C400682	01-02-03	100.0	99.6	99.6
KUE	SCHLUMBERGER	J5S	C400683	01-02-03	100.0	100.2	99.8
KUE	SCHLUMBERGER	J5S	C400684	01-02-03	100.0	100.7	100.1
KUE	SCHLUMBERGER	J5S	C400685	01-02-03	100.0	99.9	99.7
KUE	SCHLUMBERGER	J5S	C400686	01-02-03	99.9	99.8	99.9
KUE	SCHLUMBERGER	J5S	C400687	01-02-03	100.1	100.0	100.2
KUE	SCHLUMBERGER	J5S	C400688	01-02-03	100.0	99.7	99.9
KUE	SCHLUMBERGER	J5S	C400689	01-02-03	100.0	99.8	100.0
KUE	SCHLUMBERGER	J5S	C400690	01-02-03	100.1	99.8	100.2
KUE	SCHLUMBERGER	J5S	C400691	01-02-03	100.0	99.9	100.2
KUE	SCHLUMBERGER	J5S	C400692	01-02-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	J5S	C400693	01-02-03	100.0	99.7	99.7
KUE	SCHLUMBERGER	J5S	C400694	01-02-03	100.0	100.0	99.8
KUE	SCHLUMBERGER	J5S	C400695	01-02-03	100.0	100.0	99.8
KUE	SCHLUMBERGER	J5S	C400696	01-02-03	100.0	99.7	100.0
KUE	SCHLUMBERGER	J5S	C400697	01-02-03	100.1	99.9	99.6
KUE	SCHLUMBERGER	J5S	C400698	01-02-03	100.1	100.0	99.7
KUE	SCHLUMBERGER	J5S	C400699	01-02-03	100.1	99.7	99.8
KUE	SCHLUMBERGER	J5S	C400700	01-02-03	100.0	99.8	99.6
KUE	SCHLUMBERGER	J5S	C400701	01-02-03	99.9	99.7	99.4
KUE	SCHLUMBERGER	J5S	C400702	01-02-03	100.1	99.6	99.9
KUE	SCHLUMBERGER	J5S	C400703	01-02-03	100.1	100.3	99.4
KUE	SCHLUMBERGER	J5S	C400704	01-02-03	100.0	99.8	99.6
KUE	SCHLUMBERGER	J5S	C400705	01-02-03	100.1	99.8	99.8
KUE	SCHLUMBERGER	J5S	C400706	01-02-03	100.2	99.8	99.9
KUE	SCHLUMBERGER	J5S	C400707	01-02-03	100.0	99.8	99.7
KUE	SCHLUMBERGER	J5S	C400708	01-02-03	100.1	100.0	99.9
KUE	SCHLUMBERGER	J5S	C400709	01-02-03	100.1	99.8	99.9
KUE	SCHLUMBERGER	J5S	C400710	01-02-03	99.9	99.9	99.8
KUE	SCHLUMBERGER	J5S	C400711	01-02-03	100.1	99.9	99.9
KUE	SCHLUMBERGER	J5S	C400712	01-02-03	100.1	99.7	100.0
KUE	SCHLUMBERGER	J5S	C400713	01-02-03	100.1	99.8	99.9
KUE	SCHLUMBERGER	J5S	C400714	01-02-03	100.0	100.0	99.8
KUE	SCHLUMBERGER	J5S	C400715	01-02-03	99.9	99.8	99.8
KUE	SCHLUMBERGER	J5S	C400716	01-02-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	J5S	C400717	01-02-03	100.0	99.7	100.0
KUE	SCHLUMBERGER	J5S	C400718	01-02-03	100.0	99.9	99.4
KUE	SCHLUMBERGER	J5S	C400719	01-02-03	100.0	99.9	99.6
KUE	SCHLUMBERGER	J5S	C400720	01-02-03	100.2	100.0	100.2
KUE	SCHLUMBERGER	J5S	C400721	01-02-03	100.0	100.1	99.6
KUE	SCHLUMBERGER	J5S	C400722	01-02-03	100.0	99.7	99.9
KUE	SCHLUMBERGER	J5S	C400723	01-02-03	99.9	100.2	99.5
KUE	SCHLUMBERGER	J5S	C400724	01-02-03	100.2	100.0	100.0
KUE	SCHLUMBERGER	J5S	C400725	01-02-03	100.0	100.1	99.8
KUE	SCHLUMBERGER	J5S	C400726	01-02-03	100.3	100.2	99.5
KUE	SCHLUMBERGER	J5S	C400727	01-02-03	100.1	100.2	100.2
KUE	SCHLUMBERGER	J5S	C400728	01-02-03	100.0	99.9	99.8
KUE	SCHLUMBERGER	J5S	C400729	01-02-03	100.1	99.7	99.6
KUE	SCHLUMBERGER	J5S	C400730	01-02-03	100.1	100.1	99.8
KUE	SCHLUMBERGER	J5S	C400731	01-02-03	100.1	100.2	99.7
KUE	SCHLUMBERGER	J5S	C400732	01-02-03	100.0	100.2	99.8

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CO	MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACTOR
KUE	SCHLUMBERGER	J5S	C400733	01-02-03	100.0	99.7	99.6
KUE	SCHLUMBERGER	J5S	C400734	01-02-03	100.0	99.8	99.3
KUE	SCHLUMBERGER	J5S	C400735	01-02-03	100.0	100.0	99.9
KUE	SCHLUMBERGER	J5S	C400736	01-02-03	100.1	100.0	99.6
KUE	SCHLUMBERGER	J5S	C400737	01-02-03	100.0	100.1	99.6
KUE	SCHLUMBERGER	J5S	C400738	01-02-03	100.1	99.9	100.2
KUE	SCHLUMBERGER	J5S	C400739	01-02-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	J5S	C400740	01-02-03	99.9	99.6	99.7
KUE	SCHLUMBERGER	J5S	C400741	01-02-03	100.0	100.0	99.6
KUE	SCHLUMBERGER	J5S	C400742	01-02-03	100.2	100.2	100.0
KUE	SCHLUMBERGER	J5S	C400743	01-02-03	100.1	100.0	100.4
KUE	SCHLUMBERGER	J5S	C400744	01-02-03	99.9	99.9	99.7
KUE	SCHLUMBERGER	J5S	C400745	01-02-03	99.9	100.0	99.6
KUE	SCHLUMBERGER	J5S	C400746	01-02-03	100.0	100.0	99.9
KUE	SCHLUMBERGER	J5S	C400747	01-02-03	100.3	99.6	99.6
KUE	SCHLUMBERGER	J5S	C400748	01-02-03	100.2	99.8	100.2
KUE	SCHLUMBERGER	J5S	C400749	01-02-03	99.9	99.8	99.9
KUE	SCHLUMBERGER	J5S	C400750	01-02-03	99.9	99.7	99.8
KUE	SCHLUMBERGER	J5S	C400751	01-02-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	J5S	C400752	01-02-03	100.2	100.1	99.7
KUE	SCHLUMBERGER	J5S	C400753	01-02-03	99.9	100.1	100.4
KUE	SCHLUMBERGER	J5S	C400754	01-02-03	100.1	100.1	100.1
KUE	SCHLUMBERGER	J5S	C400755	01-02-03	100.0	99.8	99.6
KUE	SCHLUMBERGER	J5S	C400756	01-02-03	100.2	99.9	100.1
KUE	SCHLUMBERGER	J5S	C400757	01-02-03	100.1	99.8	99.9
KUE	SCHLUMBERGER	J5S	C400758	01-02-03	100.1	99.8	99.9
KUE	SCHLUMBERGER	J5S	C400759	01-02-03	100.1	100.0	100.2
KUE	SCHLUMBERGER	J5S	C400760	01-02-03	100.2	99.9	100.0
KUE	SCHLUMBERGER	J5S	C400761	01-02-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	J5S	C400762	01-02-03	100.0	99.7	99.9
KUE	SCHLUMBERGER	J5S	C400763	01-02-03	100.0	99.8	99.9
KUE	SCHLUMBERGER	J5S	C400764	01-02-03	99.7	100.3	99.6
KUE	SCHLUMBERGER	J5S	C400765	01-02-03	99.9	99.7	99.5
KUE	SCHLUMBERGER	J5S	C400766	01-02-03	100.0	100.1	99.9
KUE	SCHLUMBERGER	J5S	C400767	01-02-03	100.1	100.0	100.0
KUE	SCHLUMBERGER	J5S	C400768	01-02-03	100.2	99.8	100.4
KUE	SCHLUMBERGER	J5S	C400769	01-02-03	100.2	99.7	99.6
KUE	SCHLUMBERGER	J5S	C400770	01-02-03	99.8	99.7	99.5
KUE	SCHLUMBERGER	J5S	C400771	01-02-03	99.9	99.9	99.9
KUE	SCHLUMBERGER	J5S	C400772	01-02-03	99.8	99.7	99.5
KUE	SCHLUMBERGER	J5S	C400773	01-02-03	100.1	99.7	99.9
KUE	SCHLUMBERGER	J5S	C400774	01-02-03	100.3	100.2	100.0
KUE	SCHLUMBERGER	J5S	C400775	01-02-03	100.1	99.7	99.9
KUE	SCHLUMBERGER	J5S	C400776	01-02-03	100.1	99.8	100.0
KUE	SCHLUMBERGER	J5S	C400777	01-02-03	99.9	99.8	99.9
KUE	SCHLUMBERGER	J5S	C400778	01-02-03	100.1	99.9	99.9
KUE	SCHLUMBERGER	J5S	C400779	01-02-03	100.0	100.3	100.1
KUE	SCHLUMBERGER	J5S	C400780	01-02-03	100.0	100.0	99.7
KUE	SCHLUMBERGER	J5S	C400781	01-02-03	100.1	100.3	99.9
KUE	SCHLUMBERGER	J5S	C400782	01-02-03	100.2	100.0	100.0
KUE	SCHLUMBERGER	J5S	C400783	01-02-03	100.0	99.8	99.9



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CO	MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACTOR
KUE	SCHLUMBERGER	J55	C400784	01-02-03	100.1	99.9	100.2
KUE	SCHLUMBERGER	J55	C400785	01-02-03	99.8	100.1	99.7
KUE	SCHLUMBERGER	J55	C400786	01-02-03	100.1	99.7	99.9
KUE	SCHLUMBERGER	J55	C400787	01-02-03	100.3	99.7	100.0
KUE	SCHLUMBERGER	J55	C400788	01-02-03	100.0	99.7	99.8
KUE	SCHLUMBERGER	J55	C400789	01-02-03	100.1	100.2	100.3
KUE	SCHLUMBERGER	J55	C400790	01-02-03	99.9	100.1	99.8
KUE	SCHLUMBERGER	J55	C400791	01-02-03	100.0	100.1	100.2
KUE	SCHLUMBERGER	J55	C400792	01-02-03	100.1	100.2	99.6
KUE	SCHLUMBERGER	J55	C400793	01-02-03	100.2	99.9	100.0
KUE	SCHLUMBERGER	J55	C400794	01-02-03	100.2	100.1	100.3
KUE	SCHLUMBERGER	J55	C400795	01-02-03	100.2	99.7	99.8
KUE	SCHLUMBERGER	J55	C400796	01-02-03	100.2	99.8	100.2
KUE	SCHLUMBERGER	J55	C400797	01-02-03	100.1	100.1	99.9
KUE	SCHLUMBERGER	J55	C400798	01-02-03	100.3	99.8	100.1
KUE	SCHLUMBERGER	J55	C400799	01-02-03	100.2	99.8	100.1
KUE	SCHLUMBERGER	J55	C40800	01-02-03	100.0	99.9	99.6
KUE	SCHLUMBERGER	J55	C40801	01-02-03	100.0	99.8	99.7
KUE	SCHLUMBERGER	J55	C40802	01-02-03	99.9	99.8	100.3
KUE	SCHLUMBERGER	J55	C40803	01-02-03	100.0	99.7	100.3
KUE	SCHLUMBERGER	J55	C40804	01-02-03	100.0	99.8	100.0
KUE	SCHLUMBERGER	J55	C40805	01-02-03	100.1	100.1	100.0
KUE	SCHLUMBERGER	J55	C40806	01-02-03	100.1	99.8	100.1
KUE	SCHLUMBERGER	J55	C40807	01-02-03	100.1	99.9	99.9
KUE	SCHLUMBERGER	J55	C40808	01-02-03	100.0	100.2	99.8
KUE	SCHLUMBERGER	J55	C40809	01-02-03	100.0	100.4	100.0
KUE	SCHLUMBERGER	J55	C40810	01-02-03	100.3	99.9	100.1
KUE	SCHLUMBERGER	J55	C40811	01-02-03	99.9	99.6	99.5
KUE	SCHLUMBERGER	J55	C40812	01-02-03	100.1	100.1	100.0
KUE	SCHLUMBERGER	J55	C40813	01-02-03	100.1	99.9	99.8
KUE	SCHLUMBERGER	J55	C40814	01-02-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	J55	C40815	01-02-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	J55	C40816	01-02-03	100.0	100.0	100.2
KUE	SCHLUMBERGER	J55	C40817	01-02-03	100.1	100.0	100.2
KUE	SCHLUMBERGER	J55	C40818	01-02-03	100.0	99.6	100.1
KUE	SCHLUMBERGER	J55	C40819	01-02-03	100.1	100.1	100.1
KUE	SCHLUMBERGER	J55	C40820	01-02-03	100.1	100.2	100.2
KUE	SCHLUMBERGER	J55	C40821	01-02-03	100.1	100.0	100.4
KUE	SCHLUMBERGER	J55	C40822	01-02-03	100.1	100.0	100.3
KUE	SCHLUMBERGER	J55	C40823	01-02-03	100.1	99.7	100.4
KUE	SCHLUMBERGER	J55	C40824	01-02-03	100.1	100.0	100.1
KUE	SCHLUMBERGER	J55	C40825	01-02-03	100.1	100.0	100.0
KUE	SCHLUMBERGER	J55	C40826	01-02-03	99.9	99.7	99.3
KUE	SCHLUMBERGER	J55	C40827	01-02-03	100.0	99.8	99.7
KUE	SCHLUMBERGER	J55	C40828	01-02-03	100.0	99.7	99.6
KUE	SCHLUMBERGER	J55	C40829	01-02-03	100.2	99.7	99.7
KUE	SCHLUMBERGER	J55	C40830	01-02-03	100.0	100.0	99.8
KUE	SCHLUMBERGER	J55	C40831	01-02-03	100.1	99.8	100.2
KUE	SCHLUMBERGER	J55	C40832	01-02-03	100.0	100.2	99.7
KUE	SCHLUMBERGER	J55	C40833	01-02-03	100.2	99.8	99.9
KUE	SCHLUMBERGER	J55	C40834	01-02-03	100.0	100.0	100.2
KUE	SCHLUMBERGER	J55	C40834	01-02-03	100.0	99.8	100.0

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CO	MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACTOR
KUE	SCHLUMBERGER	J55	C400835	01-02-03	100.1	99.6	100.1
KUE	SCHLUMBERGER	J55	C400836	01-02-03	100.3	99.9	99.8
KUE	SCHLUMBERGER	J55	C400837	01-02-03	100.0	99.8	99.8
KUE	SCHLUMBERGER	J55	C400838	01-02-03	100.0	99.6	100.1
KUE	SCHLUMBERGER	J55	C400839	01-02-03	100.0	99.8	99.8
KUE	SCHLUMBERGER	J55	C400840	01-02-03	100.1	100.0	100.3
KUE	SCHLUMBERGER	J55	C400841	01-02-03	100.2	99.8	99.8
KUE	SCHLUMBERGER	J55	C400842	01-02-03	100.1	99.8	100.1
KUE	SCHLUMBERGER	J55	C400843	01-02-03	100.0	100.3	100.0
KUE	SCHLUMBERGER	J55	C400844	01-02-03	100.1	99.9	99.9
KUE	SCHLUMBERGER	J55	C400845	01-02-03	100.0	100.4	100.2
KUE	SCHLUMBERGER	J55	C400846	01-02-03	100.0	99.6	99.8
KUE	SCHLUMBERGER	J55	C400847	01-02-03	100.0	99.6	99.9
KUE	SCHLUMBERGER	J55	C400848	01-02-03	100.2	99.6	100.1
KUE	SCHLUMBERGER	J55	C400849	01-02-03	100.1	99.9	100.1
KUE	SCHLUMBERGER	J55	C400850	01-02-03	100.1	100.0	100.0
KUE	SCHLUMBERGER	J55	C400851	01-02-03	100.2	100.1	100.1
KUE	SCHLUMBERGER	J55	C400852	01-02-03	100.1	99.9	100.3
KUE	SCHLUMBERGER	J55	C400853	01-02-03	100.0	100.2	100.3
KUE	SCHLUMBERGER	J55	C400854	01-02-03	100.2	99.7	99.9
KUE	SCHLUMBERGER	J55	C400855	01-02-03	100.0	100.0	99.8
KUE	SCHLUMBERGER	J55	C400856	01-02-03	100.1	100.0	100.1
KUE	SCHLUMBERGER	J55	C400857	01-02-03	100.0	99.8	99.6
KUE	SCHLUMBERGER	J55	C400858	01-02-03	99.8	99.9	99.8
KUE	SCHLUMBERGER	J55	C400859	01-02-03	100.0	100.2	99.9
KUE	SCHLUMBERGER	J55	C400860	01-02-03	100.2	99.9	100.5
KUE	SCHLUMBERGER	J55	C400861	01-02-03	100.1	100.0	100.0
KUE	SCHLUMBERGER	J55	C400862	01-02-03	100.0	99.8	100.3
KUE	SCHLUMBERGER	J55	C400863	01-02-03	100.1	99.7	99.7
KUE	SCHLUMBERGER	J55	C400864	01-02-03	100.1	99.8	100.1
KUE	SCHLUMBERGER	J55	C400865	01-02-03	100.0	99.6	99.4
KUE	SCHLUMBERGER	J55	C400866	01-02-03	100.0	99.8	100.0
KUE	SCHLUMBERGER	J55	C400867	01-02-03	100.1	100.0	100.3
KUE	SCHLUMBERGER	J55	C400868	01-02-03	100.1	100.0	100.0
KUE	SCHLUMBERGER	J55	C400869	01-02-03	100.1	99.8	99.6
KUE	SCHLUMBERGER	J55	C400870	01-02-03	100.1	99.7	99.7
KUE	SCHLUMBERGER	J55	C400871	01-02-03	100.0	99.9	99.7
KUE	SCHLUMBERGER	J55	C400872	01-02-03	100.0	99.6	99.6
KUE	SCHLUMBERGER	J55	C400873	01-02-03	100.3	100.0	100.3
KUE	SCHLUMBERGER	J55	C400874	01-02-03	100.2	99.6	100.1
KUE	SCHLUMBERGER	J55	C400875	01-02-03	100.0	99.7	100.2
KUE	SCHLUMBERGER	J55	C400876	01-02-03	100.1	99.9	99.7
KUE	SCHLUMBERGER	J55	C400877	01-02-03	100.1	100.4	99.8
KUE	SCHLUMBERGER	J55	C400878	01-02-03	100.0	100.0	99.9
KUE	SCHLUMBERGER	J55	C400879	01-02-03	99.8	99.6	99.7
KUE	SCHLUMBERGER	J55	C400880	01-02-03	100.2	99.9	100.1
KUE	SCHLUMBERGER	J55	C400881	01-02-03	100.0	99.7	100.2
KUE	SCHLUMBERGER	J55	C400882	01-02-03	100.1	100.0	99.9
KUE	SCHLUMBERGER	J55	C400883	01-02-03	100.1	100.0	100.1
KUE	SCHLUMBERGER	J55	C400884	01-02-03	100.1	100.0	100.4
KUE	SCHLUMBERGER	J55	C400885	01-02-03	99.9	99.7	100.2

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KUE	SCHLUMBERGER	J55	C400886	01-02-03	100.0	99.9	99.8
KUE	SCHLUMBERGER	J55	C400887	01-02-03	100.1	99.9	100.2
KUE	SCHLUMBERGER	J55	C400888	01-02-03	99.9	99.7	100.2
KUE	SCHLUMBERGER	J55	C400889	01-02-03	100.1	100.0	100.0
KUE	SCHLUMBERGER	J55	C400890	01-02-03	100.2	100.1	100.1
KUE	SCHLUMBERGER	J55	C400891	01-02-03	100.0	99.9	99.9
KUE	SCHLUMBERGER	J55	C400892	01-02-03	99.9	99.8	99.8
KUE	SCHLUMBERGER	J55	C400893	01-02-03	100.3	100.3	99.8
KUE	SCHLUMBERGER	J55	C400894	01-02-03	100.1	100.0	100.1
KUE	SCHLUMBERGER	J55	C400895	01-02-03	100.0	99.7	99.8
KUE	SCHLUMBERGER	J55	C400896	01-02-03	100.1	99.8	99.8
KUE	SCHLUMBERGER	J55	C400897	01-02-03	100.0	99.6	100.0
KUE	SCHLUMBERGER	J55	C400898	01-02-03	100.0	99.9	99.9
KUE	SCHLUMBERGER	J55	C400899	01-02-03	100.1	99.9	99.6
KUE	SCHLUMBERGER	J55	C400900	01-02-03	100.0	99.9	99.9
KUE	SCHLUMBERGER	J55	C400901	01-02-03	100.1	99.7	99.8
KUE	SCHLUMBERGER	J55	C400902	01-02-03	100.1	99.9	99.8
KUE	SCHLUMBERGER	J55	C400903	01-02-03	99.9	99.9	100.2
KUE	SCHLUMBERGER	J55	C400904	01-02-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	J55	C400905	01-02-03	100.1	99.9	100.0
KUE	SCHLUMBERGER	J55	C400906	01-02-03	100.1	99.9	100.4
KUE	SCHLUMBERGER	J55	C400907	01-02-03	100.0	99.9	100.3
KUE	SCHLUMBERGER	J55	C400908	01-02-03	100.0	99.9	100.4
KUE	SCHLUMBERGER	J55	C400909	01-02-03	100.1	100.0	100.0
KUE	SCHLUMBERGER	J55	C400910	01-02-03	100.1	100.0	100.0
KUE	SCHLUMBERGER	J55	C400911	01-02-03	100.0	99.6	100.3
KUE	SCHLUMBERGER	J55	C400912	01-02-03	100.1	99.8	99.7
KUE	SCHLUMBERGER	J55	C400913	01-02-03	99.8	99.8	99.6
KUE	SCHLUMBERGER	J55	C400914	01-02-03	100.1	99.9	100.0
KUE	SCHLUMBERGER	J55	C400915	01-02-03	100.0	100.0	100.3
KUE	SCHLUMBERGER	J55	C400916	01-02-03	100.1	99.9	100.7
KUE	SCHLUMBERGER	J55	C400917	01-02-03	100.1	99.7	99.9
KUE	SCHLUMBERGER	J55	C400918	01-02-03	100.1	99.7	100.1
KUE	SCHLUMBERGER	J55	C400919	01-02-03	99.9	100.3	99.9
KUE	SCHLUMBERGER	J55	C400920	01-02-03	100.1	100.0	100.1
KUE	SCHLUMBERGER	J55	C400921	01-02-03	100.1	99.8	99.4
KUE	SCHLUMBERGER	J55	C400922	01-02-03	100.1	100.2	99.8
KUE	SCHLUMBERGER	J55	C400923	01-02-03	100.1	99.7	100.1
KUE	SCHLUMBERGER	J55	C400924	01-02-03	100.1	100.0	100.2
KUE	SCHLUMBERGER	J55	C400925	01-02-03	100.1	99.8	99.8
KUE	SCHLUMBERGER	J55	C400926	01-02-03	100.2	100.0	99.5
KUE	SCHLUMBERGER	J55	C400927	01-02-03	100.0	99.6	100.0
KUE	SCHLUMBERGER	J55	C400928	01-02-03	100.1	99.8	100.3
KUE	SCHLUMBERGER	J55	C400929	01-02-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	J55	C400930	01-02-03	100.0	100.1	100.3
KUE	SCHLUMBERGER	J55	C400931	01-02-03	100.2	99.7	99.6
KUE	SCHLUMBERGER	J55	C400932	01-02-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	J55	C400933	01-02-03	100.0	99.8	99.9
KUE	SCHLUMBERGER	J55	C400934	01-02-03	100.1	99.9	99.9
KUE	SCHLUMBERGER	J55	C400935	01-02-03	100.2	99.7	100.2
KUE	SCHLUMBERGER	J55	C400936	01-02-03	100.1	99.9	100.2

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KUE	SCHLUMBERGER	J55	C400937	01-02-03	99.8	100.1	99.6
KUE	SCHLUMBERGER	J55	C400938	01-02-03	100.2	100.2	100.0
KUE	SCHLUMBERGER	J55	C400939	01-02-03	100.1	99.9	99.9
KUE	SCHLUMBERGER	J55	C400940	01-02-03	100.3	99.8	100.4
KUE	SCHLUMBERGER	J55	C400941	01-02-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	J55	C400942	01-02-03	100.1	100.0	100.3
KUE	SCHLUMBERGER	J55	C400943	01-02-03	100.2	100.0	100.6
KUE	SCHLUMBERGER	J55	C400944	01-02-03	100.1	99.9	100.8
KUE	SCHLUMBERGER	J55	C400945	01-02-03	100.0	99.7	100.0
KUE	SCHLUMBERGER	J55	C400946	01-02-03	100.3	99.6	100.1
KUE	SCHLUMBERGER	J55	C400947	01-02-03	100.1	99.7	99.6
KUE	SCHLUMBERGER	J55	C400948	01-02-03	99.9	100.1	99.6
KUE	SCHLUMBERGER	J55	C400949	01-02-03	100.3	100.0	100.6
KUE	SCHLUMBERGER	J55	C400950	01-02-03	100.2	99.8	99.9
KUE	SCHLUMBERGER	J55	C400951	01-02-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	J55	C400952	01-02-03	99.9	99.7	99.6
KUE	SCHLUMBERGER	J55	C400953	01-02-03	100.3	100.3	100.0
KUE	SCHLUMBERGER	J55	C400954	01-02-03	100.1	99.7	100.3
KUE	SCHLUMBERGER	J55	C400955	01-02-03	100.2	99.8	99.8
KUE	SCHLUMBERGER	J55	C400956	01-02-03	99.8	99.9	99.9
KUE	SCHLUMBERGER	J55	C400957	01-02-03	100.1	100.0	99.9
KUE	SCHLUMBERGER	J55	C400958	01-02-03	100.1	99.9	100.2
KUE	SCHLUMBERGER	J55	C400959	01-02-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	J55	C400960	01-02-03	100.1	100.0	100.0
KUE	SCHLUMBERGER	J55	C400961	01-02-03	100.0	100.1	100.2
KUE	SCHLUMBERGER	J55	C400962	01-02-03	100.1	99.6	100.0
KUE	SCHLUMBERGER	J55	C400963	01-02-03	100.2	100.0	100.0
KUE	SCHLUMBERGER	J55	C400964	01-02-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	J55	C400965	01-02-03	100.1	100.1	100.0
KUE	SCHLUMBERGER	J55	C400966	01-02-03	99.9	100.0	99.8
KUE	SCHLUMBERGER	J55	C400967	01-02-03	100.3	100.0	100.2
KUE	SCHLUMBERGER	J55	C400968	01-02-03	100.1	100.0	100.4
KUE	SCHLUMBERGER	J55	C400969	01-02-03	100.0	100.0	100.3
KUE	SCHLUMBERGER	J55	C400970	01-02-03	100.3	99.7	100.2
KUE	SCHLUMBERGER	J55	C400971	01-02-03	100.1	99.9	100.2
KUE	SCHLUMBERGER	J55	C400972	01-02-03	100.2	99.9	100.3
KUE	SCHLUMBERGER	J55	C400973	01-02-03	100.0	100.4	99.9
KUE	SCHLUMBERGER	J55	C400974	01-02-03	100.3	99.7	99.9
KUE	SCHLUMBERGER	J55	C400975	01-02-03	100.0	100.1	99.8
KUE	SCHLUMBERGER	J55	C400976	01-02-03	100.0	99.8	100.0
KUE	SCHLUMBERGER	J55	C400977	01-02-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	J55	C400978	01-02-03	100.3	99.9	99.8
KUE	SCHLUMBERGER	J55	C400979	01-02-03	100.1	99.9	99.9
KUE	SCHLUMBERGER	J55	C400980	01-02-03	100.3	100.3	100.3
KUE	SCHLUMBERGER	J55	C400981	01-02-03	100.0	99.7	100.1
KUE	SCHLUMBERGER	J55	C400982	01-02-03	100.3	100.3	100.1
KUE	SCHLUMBERGER	J55	C400983	01-02-03	100.3	100.2	100.2
KUE	SCHLUMBERGER	J55	C400984	01-02-03	100.1	100.0	100.3
KUE	SCHLUMBERGER	J55	C400985	01-02-03	100.0	100.1	99.9
KUE	SCHLUMBERGER	J55	C400986	01-02-03	100.0	99.9	99.8
KUE	SCHLUMBERGER	J55	C400987	01-02-03	100.2	100.0	100.3

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KUE	SCHLUMBERGER	J55	C400988	01-02-03	100.1	100.0	100.6
KUE	SCHLUMBERGER	J55	C400989	01-02-03	100.1	100.0	99.9
KUE	SCHLUMBERGER	J55	C400990	01-02-03	100.0	99.8	100.4
KUE	SCHLUMBERGER	J55	C400991	01-02-03	100.2	100.1	100.1
KUE	SCHLUMBERGER	J55	C400992	01-02-03	100.0	100.0	99.9
KUE	SCHLUMBERGER	J55	C400993	01-02-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	J55	C400994	01-02-03	100.1	100.1	100.3
KUE	SCHLUMBERGER	J55	C400995	01-02-03	99.9	99.7	100.0
KUE	SCHLUMBERGER	J55	C400996	01-02-03	100.0	99.8	100.3
KUE	SCHLUMBERGER	J55	C400997	01-02-03	100.1	99.9	100.1
KUE	SCHLUMBERGER	J55	C400998	01-02-03	100.1	99.7	99.7
KUE	SCHLUMBERGER	J55	C400999	01-02-03	100.2	100.1	100.3
KUE	SCHLUMBERGER	J55	C401000	01-02-03	100.1	99.9	99.6
KUE	SCHLUMBERGER	J55	C401001	01-02-03	100.2	99.9	100.4
KUE	SCHLUMBERGER	J55	C401002	01-02-03	100.2	99.9	99.9
KUE	SCHLUMBERGER	J55	C401003	01-02-03	100.3	100.1	99.9
KUE	SCHLUMBERGER	J55	C401004	01-02-03	99.9	99.9	99.9
KUE	SCHLUMBERGER	J55	C401005	01-02-03	100.1	100.0	100.1
KUE	SCHLUMBERGER	J55	C401006	01-02-03	100.1	99.8	100.1
KUE	SCHLUMBERGER	J55	C401007	01-02-03	99.8	99.8	99.9
KUE	SCHLUMBERGER	J55	C401008	01-02-03	100.3	100.1	99.9
KUE	SCHLUMBERGER	J55	C401009	01-02-03	99.8	99.7	99.8
KUE	SCHLUMBERGER	J55	C401010	01-02-03	100.1	100.1	99.9
KUE	SCHLUMBERGER	J55	C401011	01-02-03	100.1	99.8	100.1
KUE	SCHLUMBERGER	J55	C401012	01-02-03	100.2	100.0	100.4
KUE	SCHLUMBERGER	J55	C401013	01-02-03	100.1	100.3	99.9
KUE	SCHLUMBERGER	J55	C401014	01-02-03	99.9	99.6	99.7
KUE	SCHLUMBERGER	J55	C401015	01-02-03	100.3	99.6	99.8
KUE	SCHLUMBERGER	J55	C401016	01-02-03	100.0	99.8	100.6
KUE	SCHLUMBERGER	J55	C401017	01-02-03	100.1	100.3	100.0
KUE	SCHLUMBERGER	J55	C401018	01-02-03	100.1	99.8	100.2
KUE	SCHLUMBERGER	J55	C401019	01-02-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	J55	C401020	01-02-03	100.0	99.7	99.6
KUE	SCHLUMBERGER	J55	C401021	01-02-03	100.3	100.3	99.4
KUE	SCHLUMBERGER	J55	C401022	01-02-03	100.2	99.9	99.9
KUE	SCHLUMBERGER	J55	C401023	01-02-03	100.2	99.8	99.8
KUE	SCHLUMBERGER	J55	C401024	01-02-03	100.3	100.0	100.3
KUE	SCHLUMBERGER	J55	C401025	01-02-03	100.2	100.2	100.4
KUE	SCHLUMBERGER	J55	C401026	01-02-03	100.1	99.9	99.7
KUE	SCHLUMBERGER	J55	C401027	01-02-03	99.9	100.0	99.3
KUE	SCHLUMBERGER	J55	C401028	01-02-03	100.2	100.5	100.7
KUE	SCHLUMBERGER	J55	C401029	01-02-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	J55	C401030	01-02-03	99.9	99.8	99.6
KUE	SCHLUMBERGER	J55	C401031	01-02-03	100.1	100.4	100.4
KUE	SCHLUMBERGER	J55	C401032	01-02-03	100.2	100.0	100.3
KUE	SCHLUMBERGER	J55	C401033	01-02-03	100.2	100.3	100.4
KUE	SCHLUMBERGER	J55	C401034	01-02-03	100.1	100.0	100.3
KUE	SCHLUMBERGER	J55	C401035	01-02-03	100.1	100.0	99.9
KUE	SCHLUMBERGER	J55	C401036	01-02-03	100.1	100.3	100.2
KUE	SCHLUMBERGER	J55	C401037	01-02-03	100.1	100.1	99.9
KUE	SCHLUMBERGER	J55	C401038	01-02-03	100.1	99.7	100.0

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KUE	SCHLUMBERGER	J5S	C401039	01-02-03	100.2	100.0	100.0
KUE	SCHLUMBERGER	J5S	C401040	01-02-03	99.9	100.3	99.5
KUE	SCHLUMBERGER	J5S	C401041	01-02-03	100.1	99.9	100.3
KUE	SCHLUMBERGER	J5S	C401042	01-02-03	100.0	99.8	100.0
KUE	SCHLUMBERGER	J5S	C401043	01-02-03	100.2	99.7	100.2
KUE	SCHLUMBERGER	J5S	C401044	01-02-03	100.1	100.1	100.4
KUE	SCHLUMBERGER	J5S	C401045	01-02-03	100.0	99.7	99.9
KUE	SCHLUMBERGER	J5S	C401046	01-02-03	99.9	99.8	99.4
KUE	SCHLUMBERGER	J5S	C401047	01-02-03	100.1	99.9	100.1
KUE	SCHLUMBERGER	J5S	C401048	01-02-03	100.1	99.8	99.5
KUE	SCHLUMBERGER	J5S	C401049	01-02-03	100.2	100.4	99.6
KUE	SCHLUMBERGER	J5S	C401050	01-02-03	99.8	99.9	99.6
KUE	SCHLUMBERGER	J5S	C401051	01-02-03	100.0	99.7	99.9
KUE	SCHLUMBERGER	J5S	C401052	01-02-03	100.3	99.9	100.2
KUE	SCHLUMBERGER	J5S	C401053	01-02-03	99.9	99.8	99.9
KUE	SCHLUMBERGER	J5S	C401054	01-02-03	99.9	99.8	99.7
KUE	SCHLUMBERGER	J5S	C401055	01-02-03	100.1	100.1	100.1
KUE	SCHLUMBERGER	J5S	C401056	01-02-03	100.0	99.7	99.9
KUE	SCHLUMBERGER	J5S	C401057	01-02-03	99.9	99.7	99.7
KUE	SCHLUMBERGER	J5S	C401058	01-02-03	100.1	100.1	100.1
KUE	SCHLUMBERGER	J5S	C401059	01-02-03	100.1	99.6	100.3
KUE	SCHLUMBERGER	J5S	C401060	01-02-03	100.0	100.1	99.9
KUE	SCHLUMBERGER	J5S	C401061	01-02-03	100.0	99.8	100.1
KUE	SCHLUMBERGER	J5S	C401062	01-02-03	100.1	100.2	100.4
KUE	SCHLUMBERGER	J5S	C401063	01-02-03	99.9	99.9	100.3
KUE	SCHLUMBERGER	J5S	C401064	01-02-03	100.0	99.7	100.3
KUE	SCHLUMBERGER	J5S	C401065	01-02-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	J5S	C401066	01-02-03	99.9	100.1	100.3
KUE	SCHLUMBERGER	J5S	C401067	01-02-03	100.2	99.8	99.9
KUE	SCHLUMBERGER	J5S	C401068	01-02-03	100.2	100.3	100.0
KUE	SCHLUMBERGER	J5S	C401069	01-02-03	100.1	100.3	100.0
KUE	SCHLUMBERGER	J5S	C401070	01-02-03	100.1	100.2	100.2
KUE	SCHLUMBERGER	J5S	C401071	01-02-03	100.0	99.8	99.9
KUE	SCHLUMBERGER	J5S	C401072	01-02-03	100.1	99.9	100.0
KUE	SCHLUMBERGER	J5S	C401073	01-02-03	100.1	100.1	100.1
KUE	SCHLUMBERGER	J5S	C401074	01-02-03	100.3	100.3	100.3
KUE	SCHLUMBERGER	J5S	C401075	01-02-03	100.2	99.8	99.8
KUE	SCHLUMBERGER	J5S	C401076	01-02-03	100.0	99.6	100.0
KUE	SCHLUMBERGER	J5S	C401077	01-02-03	100.2	100.2	99.4
KUE	SCHLUMBERGER	J5S	C401078	01-02-03	100.1	99.9	99.7
KUE	SCHLUMBERGER	J5S	C401079	01-02-03	100.1	100.2	100.1
KUE	SCHLUMBERGER	J5S	C401080	01-02-03	99.9	99.9	99.7
KUE	SCHLUMBERGER	J5S	C401081	01-02-03	100.0	100.3	99.7
KUE	SCHLUMBERGER	J5S	C401082	01-02-03	100.0	100.0	99.9
KUE	SCHLUMBERGER	J5S	C401083	01-02-03	100.3	99.7	100.3
KUE	SCHLUMBERGER	J5S	C401084	01-02-03	100.1	99.9	100.3
KUE	SCHLUMBERGER	J5S	C401085	01-02-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	J5S	C401086	01-02-03	100.3	100.3	100.0
KUE	SCHLUMBERGER	J5S	C401087	01-02-03	100.1	99.8	100.4
KUE	SCHLUMBERGER	J5S	C401088	01-02-03	100.1	99.7	100.0
KUE	SCHLUMBERGER	J5S	C401089	01-02-03	100.0	99.8	99.8

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KUE	SCHLUMBERGER	J5S	C401090	01-02-03	100.1	99.9	99.8
KUE	SCHLUMBERGER	J5S	C401091	01-02-03	100.2	100.2	100.0
KUE	SCHLUMBERGER	J5S	C401092	01-02-03	100.1	99.8	100.0
KUE	SCHLUMBERGER	J5S	C401093	01-02-03	100.1	99.8	99.9
KUE	SCHLUMBERGER	J5S	C401094	01-02-03	100.0	99.8	99.9
KUE	SCHLUMBERGER	J5S	C401095	01-02-03	100.0	99.6	99.9
KUE	SCHLUMBERGER	J5S	C401096	01-02-03	100.2	99.8	99.8
KUE	SCHLUMBERGER	J5S	C401097	01-02-03	100.1	99.9	100.0
KUE	SCHLUMBERGER	J5S	C401098	01-02-03	100.0	99.7	100.1
KUE	SCHLUMBERGER	J5S	C401099	01-02-03	100.2	99.9	99.9
KUE	SCHLUMBERGER	J5S	C401100	01-02-03	100.3	99.9	100.1
KUE	SCHLUMBERGER	J5S	C401101	01-02-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	J5S	C401102	01-02-03	100.0	99.7	100.0
KUE	SCHLUMBERGER	J5S	C401103	01-02-03	100.0	99.8	100.0
KUE	SCHLUMBERGER	J5S	C401104	01-02-03	100.2	99.8	100.1
KUE	SCHLUMBERGER	J5S	C401105	01-02-03	100.1	99.7	100.2
KUE	SCHLUMBERGER	J5S	C401106	01-02-03	100.1	99.0	100.0
KUE	SCHLUMBERGER	J5S	C401107	01-02-03	100.3	100.0	100.3
KUE	SCHLUMBERGER	J5S	C401108	01-02-03	99.8	99.7	99.6
KUE	SCHLUMBERGER	J5S	C401109	01-02-03	100.1	99.6	100.2
KUE	SCHLUMBERGER	J5S	C401110	01-02-03	99.9	99.8	99.7
KUE	SCHLUMBERGER	J5S	C401111	01-02-03	100.0	99.8	99.9
KUE	SCHLUMBERGER	J5S	C401112	01-02-03	100.0	99.8	99.9
KUE	SCHLUMBERGER	J5S	C401113	01-02-03	99.9	99.7	99.5
KUE	SCHLUMBERGER	J5S	C401114	01-02-03	100.2	100.2	99.9
KUE	SCHLUMBERGER	J5S	C401115	01-02-03	100.0	99.9	99.6
KUE	SCHLUMBERGER	J5S	C401116	01-02-03	100.1	99.7	99.6
KUE	SCHLUMBERGER	J5S	C401117	01-02-03	100.1	99.9	99.9
KUE	SCHLUMBERGER	J5S	C401118	01-02-03	100.2	99.9	99.9
KUE	SCHLUMBERGER	J5S	C401119	01-02-03	100.2	100.1	100.1
KUE	SCHLUMBERGER	J5S	C401120	01-02-03	100.0	99.8	100.0
KUE	SCHLUMBERGER	J5S	C401121	01-02-03	100.0	99.8	99.5
KUE	SCHLUMBERGER	J5S	C401122	01-02-03	100.2	99.9	100.4
KUE	SCHLUMBERGER	J5S	C401123	01-02-03	100.0	99.8	100.0
KUE	SCHLUMBERGER	J5S	C401124	01-02-03	100.2	99.9	100.0
KUE	SCHLUMBERGER	J5S	C401125	01-02-03	100.1	100.0	100.0
KUE	SCHLUMBERGER	J5S	C401126	01-02-03	99.9	99.7	99.6
KUE	SCHLUMBERGER	J5S	C401127	01-02-03	100.1	100.0	100.0
KUE	SCHLUMBERGER	J5S	C401128	01-02-03	100.1	100.0	100.1
KUE	SCHLUMBERGER	J5S	C401129	01-02-03	100.2	100.0	100.1
KUE	SCHLUMBERGER	J5S	C401130	01-02-03	100.1	99.7	99.7
KUE	SCHLUMBERGER	J5S	C401131	01-02-03	100.1	99.7	99.8
KUE	SCHLUMBERGER	J5S	C401132	01-02-03	100.0	99.7	99.6
KUE	SCHLUMBERGER	J5S	C401133	01-02-03	100.1	99.8	99.7
KUE	SCHLUMBERGER	J5S	C401134	01-02-03	100.1	99.7	99.7
KUE	SCHLUMBERGER	J5S	C401135	01-02-03	100.0	99.9	99.9
KUE	SCHLUMBERGER	J5S	C401136	01-02-03	100.2	100.4	99.5
KUE	SCHLUMBERGER	J5S	C401137	01-02-03	100.0	99.6	100.0
KUE	SCHLUMBERGER	J5S	C401138	01-02-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	J5S	C401139	01-02-03	100.1	100.0	100.2
KUE	SCHLUMBERGER	J5S	C401140	01-02-03	100.0	99.9	99.8

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KUE	SCHLUMBERGER	J55	C401141	01-02-03	99.9	99.7	99.7
KUE	SCHLUMBERGER	J55	C401142	01-02-03	99.9	99.8	99.7
KUE	SCHLUMBERGER	J55	C401143	01-02-03	100.0	100.0	99.8
KUE	SCHLUMBERGER	J55	C401144	01-02-03	100.0	99.6	99.8
KUE	SCHLUMBERGER	J55	C401145	01-02-03	100.2	99.8	100.0
KUE	SCHLUMBERGER	J55	C401146	01-02-03	100.2	100.1	100.2
KUE	SCHLUMBERGER	J55	C401147	01-02-03	100.0	100.1	100.0
KUE	SCHLUMBERGER	J55	C401148	01-02-03	100.2	99.9	100.1
KUE	SCHLUMBERGER	J55	C401149	01-02-03	99.9	99.7	99.7
KUE	SCHLUMBERGER	J55	C401150	01-02-03	99.9	99.7	99.5
KUE	SCHLUMBERGER	J55	C401151	01-02-03	100.1	100.0	100.2
KUE	SCHLUMBERGER	J55	C401152	01-02-03	100.0	99.7	99.5
KUE	SCHLUMBERGER	J55	C401153	01-02-03	100.2	100.1	99.9
KUE	SCHLUMBERGER	J55	C401154	01-02-03	100.0	99.7	99.7
KUE	SCHLUMBERGER	J55	C401155	01-02-03	100.0	99.9	99.9
KUE	SCHLUMBERGER	J55	C401156	01-02-03	99.8	99.6	99.5
KUE	SCHLUMBERGER	J55	C401157	01-02-03	100.1	99.8	99.7
KUE	SCHLUMBERGER	J55	C401158	01-02-03	100.0	100.1	99.8
KUE	SCHLUMBERGER	J55	C401159	01-02-03	100.1	100.0	100.1
KUE	SCHLUMBERGER	J55	C401160	01-02-03	100.2	99.9	99.8
KUE	SCHLUMBERGER	J55	C401161	01-02-03	100.1	99.8	99.9
KUE	SCHLUMBERGER	J55	C401162	01-02-03	100.2	100.2	99.8
KUE	SCHLUMBERGER	J55	C401163	01-02-03	100.0	99.8	99.6
KUE	SCHLUMBERGER	J55	C401164	01-02-03	100.0	99.8	100.0
KUE	SCHLUMBERGER	J55	C401165	01-02-03	100.2	99.7	100.0
KUE	SCHLUMBERGER	J55	C401166	01-02-03	100.1	99.8	99.9
KUE	SCHLUMBERGER	J55	C401167	01-02-03	100.0	100.1	100.2
KUE	SCHLUMBERGER	J55	C401168	01-02-03	100.1	99.8	99.8
KUE	SCHLUMBERGER	J55	C401169	01-02-03	99.9	99.8	99.6
KUE	SCHLUMBERGER	J55	C401170	01-02-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	J55	C401171	01-02-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	J55	C401172	01-02-03	100.0	99.8	100.0
KUE	SCHLUMBERGER	J55	C401173	01-02-03	100.3	100.0	99.8
KUE	SCHLUMBERGER	J55	C401174	01-02-03	99.9	100.0	99.9
KUE	SCHLUMBERGER	J55	C401175	01-02-03	100.1	99.8	100.1
KUE	SCHLUMBERGER	J55	C401176	01-02-03	100.1	99.9	100.1
KUE	SCHLUMBERGER	J55	C401177	01-02-03	100.1	100.0	99.8
KUE	SCHLUMBERGER	J55	C401178	01-02-03	100.1	99.7	100.0
KUE	SCHLUMBERGER	J55	C401179	01-02-03	100.0	100.0	99.7
KUE	SCHLUMBERGER	J55	C401180	01-02-03	100.0	100.0	99.8
KUE	SCHLUMBERGER	J55	C401181	01-02-03	99.9	99.6	99.5
KUE	SCHLUMBERGER	J55	C401182	01-02-03	100.0	99.6	99.8
KUE	SCHLUMBERGER	J55	C401183	01-02-03	100.1	100.3	100.2
KUE	SCHLUMBERGER	J55	C401184	01-02-03	99.8	99.6	99.5
KUE	SCHLUMBERGER	J55	C401185	01-02-03	100.2	99.9	99.9
KUE	SCHLUMBERGER	J55	C401186	01-02-03	99.9	100.2	100.0
KUE	SCHLUMBERGER	J55	C401187	01-02-03	100.1	99.6	99.7
KUE	SCHLUMBERGER	J55	C401188	01-02-03	100.0	100.0	99.4
KUE	SCHLUMBERGER	J55	C401189	01-02-03	100.1	100.2	100.2
KUE	SCHLUMBERGER	J55	C401190	01-02-03	100.0	99.8	99.8
KUE	SCHLUMBERGER	J55	C401191	01-02-03	100.1	99.9	100.0



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KUE	SCHLUMBERGER	J55	C401192	01-02-03	100.2	99.9	99.7
KUE	SCHLUMBERGER	J55	C401193	01-02-03	100.1	99.8	99.9
KUE	SCHLUMBERGER	J55	C401194	01-02-03	100.2	99.9	100.0
KUE	SCHLUMBERGER	J55	C401195	01-02-03	100.0	99.9	99.9
KUE	SCHLUMBERGER	J55	C401196	01-02-03	100.1	100.0	99.9
KUE	SCHLUMBERGER	J55	C401197	01-02-03	100.1	99.8	99.9
KUE	SCHLUMBERGER	J55	C401198	01-02-03	100.0	99.9	99.9
KUE	SCHLUMBERGER	J55	C401199	01-02-03	100.1	99.8	99.8
KUE	SCHLUMBERGER	J55	C401200	01-02-03	100.0	100.1	99.9
KUE	SCHLUMBERGER	J55	C401201	01-02-03	100.2	99.8	99.6
KUE	SCHLUMBERGER	J55	C401202	01-02-03	100.1	99.8	100.0
KUE	SCHLUMBERGER	J55	C401203	01-02-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	J55	C401204	01-02-03	100.0	100.3	99.8
KUE	SCHLUMBERGER	J55	C401205	01-02-03	100.0	99.8	100.1
KUE	SCHLUMBERGER	J55	C401206	01-02-03	100.0	99.8	100.0
KUE	SCHLUMBERGER	J55	C401207	01-02-03	99.9	100.0	99.7
KUE	SCHLUMBERGER	J55	C401208	01-02-03	100.0	99.7	100.3
KUE	SCHLUMBERGER	J55	C401209	01-02-03	100.1	99.9	99.8
KUE	SCHLUMBERGER	J55	C401210	01-02-03	99.9	100.1	99.9
KUE	SCHLUMBERGER	J55	C401211	01-02-03	99.8	99.9	99.5
KUE	SCHLUMBERGER	J55	C401212	01-02-03	100.0	99.7	99.9
KUE	SCHLUMBERGER	J55	C401213	01-02-03	100.2	100.2	100.1
KUE	SCHLUMBERGER	J55	C401214	01-02-03	100.0	99.8	99.7
KUE	SCHLUMBERGER	J55	C401215	01-02-03	100.0	99.7	99.7
KUE	SCHLUMBERGER	J55	C401216	01-02-03	100.1	100.0	99.9
KUE	SCHLUMBERGER	J55	C401217	01-02-03	100.0	100.0	99.9
KUE	SCHLUMBERGER	J55	C401218	01-02-03	100.1	100.0	100.0
KUE	SCHLUMBERGER	J55	C401219	01-02-03	100.1	99.7	100.0
KUE	SCHLUMBERGER	J55	C401220	01-02-03	99.8	99.6	99.7
KUE	SCHLUMBERGER	J55	C401221	01-02-03	100.3	99.8	100.3
KUE	SCHLUMBERGER	J55	C401222	01-02-03	100.1	100.0	100.2
KUE	SCHLUMBERGER	J55	C401223	01-02-03	99.9	99.7	100.0
KUE	SCHLUMBERGER	J55	C401224	01-02-03	100.1	99.6	99.7
KUE	SCHLUMBERGER	J55	C401225	01-02-03	99.9	100.1	99.9
KUE	SCHLUMBERGER	J55	C401226	01-02-03	100.1	100.0	100.0
KUE	SCHLUMBERGER	J55	C401227	01-02-03	99.9	99.7	99.7
KUE	SCHLUMBERGER	J55	C401228	01-02-03	99.9	99.8	99.7
KUE	SCHLUMBERGER	J55	C401229	01-02-03	100.0	99.7	99.7
KUE	SCHLUMBERGER	J55	C401230	01-02-03	100.3	99.9	100.0
KUE	SCHLUMBERGER	J55	C401231	01-02-03	100.2	99.8	100.0
KUE	SCHLUMBERGER	J55	C401232	01-02-03	100.0	99.9	99.7
KUE	SCHLUMBERGER	J55	C401233	01-02-03	100.0	99.6	100.0
KUE	SCHLUMBERGER	J55	C401234	01-02-03	99.9	100.2	100.0
KUE	SCHLUMBERGER	J55	C401235	01-02-03	99.8	99.7	99.6
KUE	SCHLUMBERGER	J55	C401236	01-02-03	99.9	100.1	99.9
KUE	SCHLUMBERGER	J55	C401237	01-02-03	99.9	99.9	99.8
KUE	SCHLUMBERGER	J55	C401238	01-02-03	100.0	99.6	100.1
KUE	SCHLUMBERGER	J55	C401239	01-02-03	100.0	100.1	100.0
KUE	SCHLUMBERGER	J55	C401240	01-02-03	100.1	99.9	100.0
KUE	SCHLUMBERGER	J55	C401241	01-02-03	100.0	99.7	99.5
KUE	SCHLUMBERGER	J55	C401242	01-02-03	100.0	99.6	99.7

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KUE	SCHLUMBERGER	J5S	C401243	01-02-03	100.2	100.1	100.1
KUE	SCHLUMBERGER	J5S	C401244	01-02-03	100.1	99.9	100.1
KUE	SCHLUMBERGER	J5S	C401245	01-02-03	100.1	100.1	100.1
KUE	SCHLUMBERGER	J5S	C401246	01-02-03	100.0	99.9	99.8
KUE	SCHLUMBERGER	J5S	C401247	01-02-03	99.9	99.7	99.9
KUE	SCHLUMBERGER	J5S	C401248	01-02-03	99.9	99.6	99.7
KUE	SCHLUMBERGER	J5S	C401249	01-02-03	99.9	99.7	99.8
KUE	SCHLUMBERGER	J5S	C401250	01-02-03	100.1	100.2	100.3
KUE	SCHLUMBERGER	J5S	C401251	01-02-03	99.9	100.0	99.9
KUE	SCHLUMBERGER	J5S	C401252	01-02-03	100.0	99.7	100.0
KUE	SCHLUMBERGER	J5S	C401253	01-02-03	100.2	99.9	100.3
KUE	SCHLUMBERGER	J5S	C401254	01-02-03	100.1	99.8	100.3
KUE	SCHLUMBERGER	J5S	C401255	01-02-03	100.0	100.2	99.9
KUE	SCHLUMBERGER	J5S	C401256	01-02-03	100.1	99.6	100.0
KUE	SCHLUMBERGER	J5S	C401257	01-02-03	100.0	100.0	99.9
KUE	SCHLUMBERGER	J5S	C401258	01-02-03	99.8	100.0	99.6
KUE	SCHLUMBERGER	J5S	C401259	01-02-03	100.0	99.8	99.9
KUE	SCHLUMBERGER	J5S	C401260	01-02-03	100.0	99.6	99.8
KUE	SCHLUMBERGER	J5S	C401261	01-02-03	100.1	99.8	100.1
KUE	SCHLUMBERGER	J5S	C401262	01-02-03	100.1	99.9	100.0
KUE	SCHLUMBERGER	J5S	C401263	01-02-03	99.9	99.8	100.0
KUE	SCHLUMBERGER	J5S	C401264	01-02-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	J5S	C401265	01-02-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	J5S	C401266	01-02-03	100.2	99.7	99.9
KUE	SCHLUMBERGER	J5S	C401267	01-02-03	100.1	100.1	99.9
KUE	SCHLUMBERGER	J5S	C401268	01-02-03	100.0	100.0	99.7
KUE	SCHLUMBERGER	J5S	C401269	01-02-03	100.0	100.0	99.9
KUE	SCHLUMBERGER	J5S	C401270	01-02-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	J5S	C401271	01-02-03	100.0	99.9	99.7
KUE	SCHLUMBERGER	J5S	C401272	01-02-03	100.1	99.9	99.8
KUE	SCHLUMBERGER	J5S	C401273	01-02-03	100.0	99.7	99.8
KUE	SCHLUMBERGER	J5S	C401274	01-02-03	99.8	99.6	99.6
KUE	SCHLUMBERGER	J5S	C401275	01-02-03	100.0	99.7	100.0
KUE	SCHLUMBERGER	J5S	C401276	01-02-03	100.1	99.8	99.9
KUE	SCHLUMBERGER	J5S	C401277	01-02-03	100.1	99.7	100.1
KUE	SCHLUMBERGER	J5S	C401278	01-02-03	100.1	100.0	99.9
KUE	SCHLUMBERGER	J5S	C401279	01-02-03	100.0	99.7	99.7
KUE	SCHLUMBERGER	J5S	C401280	01-02-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	J5S	C401281	01-02-03	100.0	99.6	99.9
KUE	SCHLUMBERGER	J5S	C401282	01-02-03	99.8	100.2	99.3
KUE	SCHLUMBERGER	J5S	C401283	01-02-03	99.9	99.9	99.5
KUE	SCHLUMBERGER	J5S	C401284	01-02-03	100.0	100.0	99.9
KUE	SCHLUMBERGER	J5S	C401285	01-02-03	100.2	100.1	100.1
KUE	SCHLUMBERGER	J5S	C401286	01-02-03	99.9	99.7	99.9
KUE	SCHLUMBERGER	J5S	C401287	01-02-03	100.1	100.0	100.1
KUE	SCHLUMBERGER	J5S	C401288	01-02-03	100.3	99.7	99.6
KUE	SCHLUMBERGER	J5S	C401289	01-02-03	100.1	99.8	100.1
KUE	SCHLUMBERGER	J5S	C401290	01-02-03	100.1	99.7	99.9
KUE	SCHLUMBERGER	J5S	C401291	01-02-03	100.1	99.8	100.0
KUE	SCHLUMBERGER	J5S	C401292	01-02-03	100.3	100.0	99.8
KUE	SCHLUMBERGER	J5S	C401293	01-02-03	100.1	100.0	99.9

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CO	MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACTOR
KUE	SCHLUMBERGER	J5S	C401294	01-02-03	100.1	99.9	100.4
KUE	SCHLUMBERGER	J5S	C401295	01-02-03	99.9	99.7	99.3
KUE	SCHLUMBERGER	J5S	C401296	01-02-03	99.9	99.6	99.6
KUE	SCHLUMBERGER	J5S	C401297	01-02-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	J5S	C401298	01-02-03	100.1	100.3	100.0
KUE	SCHLUMBERGER	J5S	C401299	01-02-03	100.0	99.6	99.8
KUE	SCHLUMBERGER	J5S	C401300	01-02-03	99.9	99.7	99.6
KUE	SCHLUMBERGER	J5S	C401301	01-02-03	100.0	99.8	99.8
KUE	SCHLUMBERGER	J5S	C401302	01-02-03	100.1	99.9	100.1
KUE	SCHLUMBERGER	J5S	C401303	01-02-03	99.9	100.2	99.8
KUE	SCHLUMBERGER	J5S	C401304	01-02-03	100.1	99.7	100.0
KUE	SCHLUMBERGER	J5S	C401305	01-02-03	100.2	100.1	99.9
KUE	SCHLUMBERGER	J5S	C401306	01-02-03	100.1	99.8	99.7
KUE	SCHLUMBERGER	J5S	C401307	01-02-03	100.3	99.9	99.8
KUE	SCHLUMBERGER	J5S	C401308	01-02-03	100.0	99.6	99.5
KUE	SCHLUMBERGER	J5S	C401309	01-02-03	100.0	99.7	99.6
KUE	SCHLUMBERGER	J5S	C401310	01-02-03	100.0	99.8	99.5
KUE	SCHLUMBERGER	J5S	C401311	01-02-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	J5S	C401312	01-02-03	100.1	99.7	100.0
KUE	SCHLUMBERGER	J5S	C401313	01-02-03	100.1	99.9	99.7
KUE	SCHLUMBERGER	J5S	C401314	01-02-03	100.0	99.9	99.6
KUE	SCHLUMBERGER	J5S	C401315	01-02-03	100.1	100.3	100.0
KUE	SCHLUMBERGER	J5S	C401316	01-02-03	100.1	99.8	100.1
KUE	SCHLUMBERGER	J5S	C401317	01-02-03	100.0	99.7	99.9
KUE	SCHLUMBERGER	J5S	C401318	01-02-03	100.2	99.9	99.9
KUE	SCHLUMBERGER	J5S	C401319	01-02-03	100.0	99.7	99.6
KUE	SCHLUMBERGER	J5S	C401320	01-02-03	100.1	100.2	99.6
KUE	SCHLUMBERGER	J5S	C401321	01-02-03	99.9	99.7	99.7
KUE	SCHLUMBERGER	J5S	C401322	01-02-03	100.0	100.4	99.7
KUE	SCHLUMBERGER	J5S	C401323	01-02-03	100.0	99.8	100.2
KUE	SCHLUMBERGER	J5S	C401324	01-02-03	100.0	100.0	100.2
KUE	SCHLUMBERGER	J5S	C401325	01-02-03	100.1	100.4	99.6
KUE	SCHLUMBERGER	J5S	C401326	01-02-03	100.0	99.9	99.7
KUE	SCHLUMBERGER	J5S	C401327	01-02-03	100.0	99.7	100.0
KUE	SCHLUMBERGER	J5S	C401328	01-02-03	100.0	99.8	99.7
KUE	SCHLUMBERGER	J5S	C401329	01-02-03	100.0	99.7	99.5
KUE	SCHLUMBERGER	J5S	C401330	01-02-03	99.9	99.9	99.6
KUE	SCHLUMBERGER	J5S	C401331	01-02-03	100.0	100.2	99.5
KUE	SCHLUMBERGER	J5S	C401332	01-02-03	99.9	100.2	99.6
KUE	SCHLUMBERGER	J5S	C401333	01-02-03	100.2	99.8	99.8
KUE	SCHLUMBERGER	J5S	C401334	01-02-03	100.0	99.9	99.8
KUE	SCHLUMBERGER	J5S	C401335	01-02-03	100.0	99.7	99.9
KUE	SCHLUMBERGER	J5S	C401336	01-02-03	100.0	99.7	99.9
KUE	SCHLUMBERGER	J5S	C401337	01-02-03	100.1	99.9	99.7
KUE	SCHLUMBERGER	J5S	C401338	01-02-03	100.0	100.5	100.3
KUE	SCHLUMBERGER	J5S	C401339	01-02-03	100.1	99.7	99.8
KUE	SCHLUMBERGER	J5S	C401340	01-02-03	100.0	100.0	100.3
KUE	SCHLUMBERGER	J5S	C401341	01-02-03	100.1	99.9	99.7
KUE	SCHLUMBERGER	J5S	C401342	01-02-03	100.2	100.1	100.0
KUE	SCHLUMBERGER	J5S	C401343	01-02-03	99.8	100.0	99.7
KUE	SCHLUMBERGER	J5S	C401344	01-02-03	99.9	99.7	99.5

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CO	MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACTOR
KUE	SCHLUMBERGER	J5S	C401345	01-02-03	100.1	99.9	100.2
KUE	SCHLUMBERGER	J5S	C401346	01-02-03	100.0	99.7	99.8
KUE	SCHLUMBERGER	J5S	C401347	01-02-03	100.1	99.8	99.7
KUE	SCHLUMBERGER	J5S	C401348	01-02-03	99.9	99.7	99.9
KUE	SCHLUMBERGER	J5S	C401541	03-06-03	100.1	99.8	100.1
KUE	SCHLUMBERGER	J5S	C401542	03-06-03	100.1	99.8	100.1
KUE	SCHLUMBERGER	J5S	C401543	03-06-03	100.0	99.9	100.5
KUE	SCHLUMBERGER	J5S	C401544	03-06-03	100.1	100.1	100.4
KUE	SCHLUMBERGER	J5S	C401545	03-06-03	100.1	99.6	99.8
KUE	SCHLUMBERGER	J5S	C401546	03-06-03	100.1	99.9	100.0
KUE	SCHLUMBERGER	J5S	C401547	03-06-03	100.0	99.8	99.3
KUE	SCHLUMBERGER	J5S	C401548	03-06-03	100.0	99.8	100.1
KUE	SCHLUMBERGER	J5S	C401549	03-06-03	100.1	100.0	100.1
KUE	SCHLUMBERGER	J5S	C401550	03-06-03	100.2	100.1	100.1
KUE	SCHLUMBERGER	J5S	C401551	03-06-03	99.9	99.7	99.8
KUE	SCHLUMBERGER	J5S	C401552	03-06-03	99.9	99.7	99.9
KUE	SCHLUMBERGER	J5S	C401553	03-06-03	100.2	99.9	99.9
KUE	SCHLUMBERGER	J5S	C401554	03-06-03	100.2	99.8	99.7
KUE	SCHLUMBERGER	J5S	C401555	03-06-03	100.0	99.8	99.8
KUE	SCHLUMBERGER	J5S	C401556	03-06-03	99.8	99.7	99.6
KUE	SCHLUMBERGER	J5S	C401557	03-06-03	99.9	99.9	99.9
KUE	SCHLUMBERGER	J5S	C401558	03-06-03	100.1	100.1	100.4
KUE	SCHLUMBERGER	J5S	C401559	03-06-03	100.1	100.0	100.3
KUE	SCHLUMBERGER	J5S	C401560	03-06-03	100.2	100.2	100.2
KUE	SCHLUMBERGER	J5S	C401561	03-06-03	100.2	100.0	100.5
KUE	SCHLUMBERGER	J5S	C401562	03-06-03	100.2	100.0	100.1
KUE	SCHLUMBERGER	J5S	C401563	03-06-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	J5S	C401564	03-06-03	100.1	99.6	100.1
KUE	SCHLUMBERGER	J5S	C401565	03-06-03	100.1	100.1	100.0
KUE	SCHLUMBERGER	J5S	C401566	03-06-03	100.0	99.9	99.8
KUE	SCHLUMBERGER	J5S	C401567	03-06-03	100.1	100.0	99.8
KUE	SCHLUMBERGER	J5S	C401568	03-06-03	100.2	99.7	99.8
KUE	SCHLUMBERGER	J5S	C401569	03-06-03	99.9	99.7	100.2
KUE	SCHLUMBERGER	J5S	C401570	03-06-03	100.0	100.0	100.3
KUE	SCHLUMBERGER	J5S	C401571	03-06-03	100.1	99.8	100.1
KUE	SCHLUMBERGER	J5S	C401572	03-06-03	100.1	99.9	100.1
KUE	SCHLUMBERGER	J5S	C401573	03-06-03	100.0	99.8	100.2
KUE	SCHLUMBERGER	J5S	C401574	03-06-03	100.1	99.8	100.1
KUE	SCHLUMBERGER	J5S	C401575	03-06-03	99.8	99.9	99.7
KUE	SCHLUMBERGER	J5S	C401576	03-06-03	100.2	99.9	100.2
KUE	SCHLUMBERGER	J5S	C401577	03-06-03	100.1	99.8	100.1
KUE	SCHLUMBERGER	J5S	C401578	03-06-03	100.0	99.9	99.7
KUE	SCHLUMBERGER	J5S	C401579	03-06-03	100.1	100.0	100.1
KUE	SCHLUMBERGER	J5S	C401580	03-06-03	100.1	100.0	100.3
KUE	SCHLUMBERGER	J5S	C401581	03-06-03	100.1	100.0	100.2
KUE	SCHLUMBERGER	J5S	C401582	03-06-03	100.1	99.7	99.7
KUE	SCHLUMBERGER	J5S	C401583	03-06-03	100.1	99.9	100.0
KUE	SCHLUMBERGER	J5S	C401584	03-06-03	99.9	99.7	99.9
KUE	SCHLUMBERGER	J5S	C401585	03-06-03	100.0	99.9	99.9
KUE	SCHLUMBERGER	J5S	C401586	03-06-03	100.0	100.0	100.3
KUE	SCHLUMBERGER	J5S	C401587	03-06-03	100.0	99.7	99.9

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KUE	SCHLUMBERGER	J5S	C401588	03-06-03	100.0	99.8	99.8
KUE	SCHLUMBERGER	J5S	C401589	03-06-03	100.0	99.6	100.0
KUE	SCHLUMBERGER	J5S	C401590	03-06-03	99.7	99.6	99.8
KUE	SCHLUMBERGER	J5S	C401591	03-06-03	100.2	99.7	100.3
KUE	SCHLUMBERGER	J5S	C401592	03-06-03	100.2	100.3	100.2
KUE	SCHLUMBERGER	J5S	C401593	03-06-03	100.0	99.7	99.8
KUE	SCHLUMBERGER	J5S	C401594	03-06-03	100.0	99.7	99.7
KUE	SCHLUMBERGER	J5S	C401595	03-06-03	100.1	99.9	100.2
KUE	SCHLUMBERGER	J5S	C401596	03-06-03	100.1	99.8	100.0
KUE	SCHLUMBERGER	J5S	C401597	03-06-03	100.0	100.0	100.4
KUE	SCHLUMBERGER	J5S	C401598	03-06-03	100.0	99.8	100.4
KUE	SCHLUMBERGER	J5S	C401599	03-06-03	100.0	99.9	99.9
KUE	SCHLUMBERGER	J5S	C401600	03-06-03	100.0	99.8	100.3
KUE	SCHLUMBERGER	J5S	C401601	03-06-03	100.0	99.8	99.7
KUE	SCHLUMBERGER	J5S	C401602	03-06-03	99.9	99.7	99.9
KUE	SCHLUMBERGER	J5S	C401603	03-06-03	99.9	99.6	99.9
KUE	SCHLUMBERGER	J5S	C401604	03-06-03	100.1	99.9	100.1
KUE	SCHLUMBERGER	J5S	C401605	03-06-03	100.0	99.6	99.9
KUE	SCHLUMBERGER	J5S	C401606	03-06-03	100.2	99.8	100.6
KUE	SCHLUMBERGER	J5S	C401607	03-06-03	99.8	99.7	99.9
KUE	SCHLUMBERGER	J5S	C401608	03-06-03	100.2	99.8	100.1
KUE	SCHLUMBERGER	J5S	C401609	03-06-03	100.0	100.0	99.6
KUE	SCHLUMBERGER	J5S	C401610	03-06-03	100.2	99.9	100.1
KUE	SCHLUMBERGER	J5S	C401611	03-06-03	100.2	100.0	100.5
KUE	SCHLUMBERGER	J5S	C401612	03-06-03	100.0	99.8	100.0
KUE	SCHLUMBERGER	J5S	C401613	03-06-03	100.0	99.7	99.7
KUE	SCHLUMBERGER	J5S	C401614	03-06-03	99.9	99.7	99.7
KUE	SCHLUMBERGER	J5S	C401615	03-06-03	100.1	100.0	100.4
KUE	SCHLUMBERGER	J5S	C401616	03-06-03	100.1	100.0	100.2
KUE	SCHLUMBERGER	J5S	C401617	03-06-03	100.2	99.9	100.0
KUE	SCHLUMBERGER	J5S	C401618	03-06-03	100.0	99.8	99.6
KUE	SCHLUMBERGER	J5S	C401619	03-06-03	100.0	99.9	99.7
KUE	SCHLUMBERGER	J5S	C401620	03-06-03	100.1	100.1	100.4
KUE	SCHLUMBERGER	J5S	C401621	03-06-03	100.1	100.0	100.0
KUE	SCHLUMBERGER	J5S	C401622	03-06-03	100.2	99.9	100.4
KUE	SCHLUMBERGER	J5S	C401623	03-06-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	J5S	C401624	03-06-03	100.1	99.8	100.2
KUE	SCHLUMBERGER	J5S	C401625	03-06-03	100.1	99.8	100.0
KUE	SCHLUMBERGER	J5S	C401626	03-06-03	100.2	99.8	100.3
KUE	SCHLUMBERGER	J5S	C401627	03-06-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	J5S	C401628	03-06-03	100.1	99.8	100.0
KUE	SCHLUMBERGER	J5S	C401629	03-06-03	100.1	100.0	99.9
KUE	SCHLUMBERGER	J5S	C401630	03-06-03	100.1	99.9	99.8
KUE	SCHLUMBERGER	J5S	C401631	03-06-03	100.0	99.8	100.1
KUE	SCHLUMBERGER	J5S	C401632	03-06-03	100.2	99.7	99.9
KUE	SCHLUMBERGER	J5S	C401633	03-06-03	100.0	99.6	100.0
KUE	SCHLUMBERGER	J5S	C401634	03-06-03	100.1	99.7	99.7
KUE	SCHLUMBERGER	J5S	C401635	03-06-03	100.2	100.0	100.0
KUE	SCHLUMBERGER	J5S	C401636	03-06-03	100.1	99.9	100.2
KUE	SCHLUMBERGER	J5S	C401637	03-06-03	100.2	100.1	100.0
KUE	SCHLUMBERGER	J5S	C401638	03-06-03	99.9	99.8	99.8

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CO	MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACTOR
KUE	SCHLUMBERGER	J55	C401639	03-06-03	100.2	99.8	99.8
KUE	SCHLUMBERGER	J55	C401640	03-06-03	100.0	100.0	100.2
KUE	SCHLUMBERGER	J55	C401641	03-06-03	100.2	99.8	100.2
KUE	SCHLUMBERGER	J55	C401642	03-06-03	100.0	100.0	99.9
KUE	SCHLUMBERGER	J55	C401643	03-06-03	100.0	100.0	99.9
KUE	SCHLUMBERGER	J55	C401644	03-06-03	100.3	100.0	100.4
KUE	SCHLUMBERGER	J55	C401645	03-06-03	100.2	100.0	99.9
KUE	SCHLUMBERGER	J55	C401646	03-06-03	100.0	99.7	100.0
KUE	SCHLUMBERGER	J55	C401647	03-06-03	100.0	99.8	99.7
KUE	SCHLUMBERGER	J55	C401648	03-06-03	99.8	99.7	99.6
KUE	SCHLUMBERGER	J55	C401649	03-06-03	100.1	100.0	100.4
KUE	SCHLUMBERGER	J55	C401650	03-06-03	100.2	100.0	100.3
KUE	SCHLUMBERGER	J55	C401651	03-06-03	100.1	99.8	99.9
KUE	SCHLUMBERGER	J55	C401652	03-06-03	100.1	99.9	99.8
KUE	SCHLUMBERGER	J55	C401653	03-06-03	100.0	99.8	99.9
KUE	SCHLUMBERGER	J55	C401654	03-06-03	100.1	99.9	100.1
KUE	SCHLUMBERGER	J55	C401655	03-06-03	100.0	100.0	100.2
KUE	SCHLUMBERGER	J55	C401656	03-06-03	100.3	100.0	100.5
KUE	SCHLUMBERGER	J55	C401657	03-06-03	100.2	99.9	99.3
KUE	SCHLUMBERGER	J55	C401658	03-06-03	100.0	100.1	99.7
KUE	SCHLUMBERGER	J55	C401659	03-06-03	100.2	100.1	100.4
KUE	SCHLUMBERGER	J55	C401660	03-06-03	100.3	100.0	100.5
KUE	SCHLUMBERGER	J55	C401661	03-06-03	100.1	99.6	99.6
KUE	SCHLUMBERGER	J55	C401662	03-06-03	100.2	100.0	100.2
KUE	SCHLUMBERGER	J55	C401663	03-06-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	J55	C401664	03-06-03	100.1	99.9	100.2
KUE	SCHLUMBERGER	J55	C401665	03-06-03	100.1	99.9	100.2
KUE	SCHLUMBERGER	J55	C401666	03-06-03	99.9	99.9	99.8
KUE	SCHLUMBERGER	J55	C401667	03-06-03	100.0	99.9	99.8
KUE	SCHLUMBERGER	J55	C401668	03-06-03	100.1	100.2	100.0
KUE	SCHLUMBERGER	J55	C401669	03-06-03	99.8	99.8	99.7
KUE	SCHLUMBERGER	J55	C401670	03-06-03	100.1	99.9	100.0
KUE	SCHLUMBERGER	J55	C401671	03-06-03	100.2	99.8	100.2
KUE	SCHLUMBERGER	J55	C401672	03-06-03	100.2	99.8	100.2
KUE	SCHLUMBERGER	J55	C401673	03-06-03	100.0	100.1	100.2
KUE	SCHLUMBERGER	J55	C401674	03-06-03	100.1	100.1	99.7
KUE	SCHLUMBERGER	J55	C401675	03-06-03	99.9	99.9	100.2
KUE	SCHLUMBERGER	J55	C401676	03-06-03	100.0	99.7	99.4
KUE	SCHLUMBERGER	J55	C401677	03-06-03	100.1	99.8	100.2
KUE	SCHLUMBERGER	J55	C401678	03-06-03	100.1	99.9	100.1
KUE	SCHLUMBERGER	J55	C401679	03-06-03	99.9	99.9	100.2
KUE	SCHLUMBERGER	J55	C401680	03-06-03	99.9	99.7	99.7
KUE	SCHLUMBERGER	J55	C401681	03-06-03	99.9	99.8	99.8
KUE	SCHLUMBERGER	J55	C401682	03-06-03	99.9	99.9	99.9
KUE	SCHLUMBERGER	J55	C401683	03-06-03	100.1	99.7	99.9
KUE	SCHLUMBERGER	J55	C401684	03-06-03	100.2	99.8	100.1
KUE	SCHLUMBERGER	J55	C401685	03-06-03	100.2	99.8	100.1
KUE	SCHLUMBERGER	J55	C401686	03-06-03	100.0	99.9	100.3
KUE	SCHLUMBERGER	J55	C401687	03-06-03	100.1	100.0	100.0
KUE	SCHLUMBERGER	J55	C401688	03-06-03	100.0	99.6	100.1
KUE	SCHLUMBERGER	J55	C401689	03-06-03	100.0	99.9	99.7
KUE	SCHLUMBERGER	J55	C401690	03-06-03	100.2	100.1	99.8

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CO	MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACTOR
KUE	SCHLUMBERGER	J55	C401690	03-06-03	100.0	100.0	99.9
KUE	SCHLUMBERGER	J55	C401691	03-06-03	100.1	100.1	100.1
KUE	SCHLUMBERGER	J55	C401692	03-06-03	100.1	99.8	100.0
KUE	SCHLUMBERGER	J55	C401693	03-06-03	100.2	99.7	100.3
KUE	SCHLUMBERGER	J55	C401694	03-06-03	100.0	99.7	99.8
KUE	SCHLUMBERGER	J55	C401695	03-06-03	100.0	99.8	100.2
KUE	SCHLUMBERGER	J55	C401696	03-06-03	100.1	99.8	99.9
KUE	SCHLUMBERGER	J55	C401697	03-06-03	100.1	99.7	100.0
KUE	SCHLUMBERGER	J55	C401698	03-06-03	100.0	99.8	100.2
KUE	SCHLUMBERGER	J55	C401699	03-06-03	100.1	99.7	100.1
KUE	SCHLUMBERGER	J55	C401700	03-06-03	100.0	99.6	99.7
KUE	SCHLUMBERGER	J55	C401701	03-06-03	100.1	99.7	99.8
KUE	SCHLUMBERGER	J55	C401702	03-06-03	100.0	99.9	99.7
KUE	SCHLUMBERGER	J55	C401703	03-06-03	100.2	99.9	99.8
KUE	SCHLUMBERGER	J55	C401704	03-06-03	100.0	99.8	100.3
KUE	SCHLUMBERGER	J55	C401705	03-06-03	100.1	100.1	100.2
KUE	SCHLUMBERGER	J55	C401706	03-06-03	100.0	99.9	99.7
KUE	SCHLUMBERGER	J55	C401707	03-06-03	100.2	100.0	100.0
KUE	SCHLUMBERGER	J55	C401708	03-06-03	99.8	100.2	99.8
KUE	SCHLUMBERGER	J55	C401709	03-06-03	100.1	99.6	100.0
KUE	SCHLUMBERGER	J55	C401710	03-06-03	100.0	99.8	99.8
KUE	SCHLUMBERGER	J55	C401711	03-06-03	100.0	100.1	100.3
KUE	SCHLUMBERGER	J55	C401712	03-06-03	100.1	100.0	100.0
KUE	SCHLUMBERGER	J55	C401713	03-06-03	100.3	99.9	99.9
KUE	SCHLUMBERGER	J55	C401714	03-06-03	100.0	99.7	99.7
KUE	SCHLUMBERGER	J55	C401715	03-06-03	100.0	100.2	100.5
KUE	SCHLUMBERGER	J55	C401716	03-06-03	100.0	99.7	99.6
KUE	SCHLUMBERGER	J55	C401717	03-06-03	99.9	100.1	99.7
KUE	SCHLUMBERGER	J55	C401718	03-06-03	99.9	99.8	100.0
KUE	SCHLUMBERGER	J55	C401719	03-06-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	J55	C401720	03-06-03	100.1	100.1	100.0
KUE	SCHLUMBERGER	J55	C401721	03-06-03	100.2	99.8	100.4
KUE	SCHLUMBERGER	J55	C401722	03-06-03	99.9	99.7	99.6
KUE	SCHLUMBERGER	J55	C401723	03-06-03	100.1	99.8	99.6
KUE	SCHLUMBERGER	J55	C401724	03-06-03	100.1	100.1	100.2
KUE	SCHLUMBERGER	J55	C401725	03-06-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	J55	C401726	03-06-03	100.0	99.7	100.2
KUE	SCHLUMBERGER	J55	C401727	03-06-03	100.0	100.2	99.8
KUE	SCHLUMBERGER	J55	C401728	03-06-03	99.9	100.0	99.6
KUE	SCHLUMBERGER	J55	C401729	03-06-03	100.2	100.1	100.1
KUE	SCHLUMBERGER	J55	C401730	03-06-03	100.0	99.7	99.5
KUE	SCHLUMBERGER	J55	C401731	03-06-03	100.3	99.9	100.1
KUE	SCHLUMBERGER	J55	C401732	03-06-03	100.2	100.1	100.1
KUE	SCHLUMBERGER	J55	C401733	03-06-03	100.0	99.8	99.4
KUE	SCHLUMBERGER	J55	C401734	03-06-03	99.8	99.7	99.7
KUE	SCHLUMBERGER	J55	C401735	03-06-03	100.2	99.9	100.3
KUE	SCHLUMBERGER	J55	C401736	03-06-03	100.1	100.0	100.2
KUE	SCHLUMBERGER	J55	C401737	03-06-03	100.2	99.9	100.2
KUE	SCHLUMBERGER	J55	C401738	03-06-03	100.0	99.8	100.0
KUE	SCHLUMBERGER	J55	C401739	03-06-03	100.1	99.9	100.3
KUE	SCHLUMBERGER	J55	C401740	03-06-03	100.0	99.6	100.0

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KUE	SCHLUMBERGER	J55	C401741	03-06-03	100.0	99.8	100.2
KUE	SCHLUMBERGER	J55	C401742	03-06-03	100.0	99.8	99.8
KUE	SCHLUMBERGER	J55	C401743	03-06-03	100.1	99.8	99.7
KUE	SCHLUMBERGER	J55	C401744	03-06-03	99.9	99.7	99.6
KUE	SCHLUMBERGER	J55	C401745	03-06-03	100.2	99.8	100.1
KUE	SCHLUMBERGER	J55	C401746	03-06-03	100.2	99.9	100.3
KUE	SCHLUMBERGER	J55	C401747	03-06-03	99.8	99.7	99.4
KUE	SCHLUMBERGER	J55	C401748	03-06-03	100.0	99.6	99.8
KUE	SCHLUMBERGER	J55	C401749	03-06-03	100.3	99.9	99.7
KUE	SCHLUMBERGER	J55	C401750	03-06-03	100.2	100.0	100.2
KUE	SCHLUMBERGER	J55	C401751	03-06-03	100.1	99.9	99.9
KUE	SCHLUMBERGER	J55	C401752	03-06-03	99.9	99.6	100.1
KUE	SCHLUMBERGER	J55	C401753	03-06-03	100.3	100.1	99.8
KUE	SCHLUMBERGER	J55	C401754	03-06-03	100.1	99.9	99.7
KUE	SCHLUMBERGER	J55	C401755	03-06-03	100.2	99.9	100.0
KUE	SCHLUMBERGER	J55	C401756	03-06-03	100.2	100.1	100.1
KUE	SCHLUMBERGER	J55	C401757	03-06-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	J55	C401758	03-06-03	99.9	99.8	100.0
KUE	SCHLUMBERGER	J55	C401759	03-06-03	100.0	99.9	99.9
KUE	SCHLUMBERGER	J55	C401760	03-06-03	100.1	99.8	99.9
KUE	SCHLUMBERGER	J55	C401761	03-06-03	100.0	99.7	99.9
KUE	SCHLUMBERGER	J55	C401762	03-06-03	100.1	99.9	99.7
KUE	SCHLUMBERGER	J55	C401763	03-06-03	100.0	99.8	99.7
KUE	SCHLUMBERGER	J55	C401764	03-06-03	100.2	99.9	100.0
KUE	SCHLUMBERGER	J55	C401765	03-06-03	99.9	99.6	99.9
KUE	SCHLUMBERGER	J55	C401766	03-06-03	100.0	99.8	99.9
KUE	SCHLUMBERGER	J55	C401767	03-06-03	100.0	99.9	99.7
KUE	SCHLUMBERGER	J55	C401768	03-06-03	100.1	99.8	99.8
KUE	SCHLUMBERGER	J55	C401769	03-06-03	100.0	99.7	99.8
KUE	SCHLUMBERGER	J55	C401770	03-06-03	100.1	100.2	100.3
KUE	SCHLUMBERGER	J55	C401771	03-06-03	100.0	99.8	100.1
KUE	SCHLUMBERGER	J55	C401772	03-06-03	100.1	99.8	100.3
KUE	SCHLUMBERGER	J55	C401773	03-06-03	100.0	99.8	100.1
KUE	SCHLUMBERGER	J55	C401774	03-06-03	100.1	100.0	100.0
KUE	SCHLUMBERGER	J55	C401775	03-06-03	100.1	99.6	99.9
KUE	SCHLUMBERGER	J55	C401776	03-06-03	100.1	99.8	100.1
KUE	SCHLUMBERGER	J55	C401777	03-06-03	100.1	99.9	100.0
KUE	SCHLUMBERGER	J55	C401778	03-06-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	J55	C401779	03-06-03	99.8	99.7	100.1
KUE	SCHLUMBERGER	J55	C401780	03-06-03	100.0	99.9	100.2
KUE	SCHLUMBERGER	J55	C401781	03-06-03	100.3	100.1	100.2
KUE	SCHLUMBERGER	J55	C401782	03-06-03	99.9	100.0	99.9
KUE	SCHLUMBERGER	J55	C401783	03-06-03	100.0	100.1	100.4
KUE	SCHLUMBERGER	J55	C401784	03-06-03	100.1	99.8	100.0
KUE	SCHLUMBERGER	J55	C401785	03-06-03	100.0	99.9	99.8
KUE	SCHLUMBERGER	J55	C401786	03-06-03	99.9	99.7	99.9
KUE	SCHLUMBERGER	J55	C401787	03-06-03	100.1	99.8	100.0
KUE	SCHLUMBERGER	J55	C401788	03-06-03	100.2	100.0	100.3
KUE	SCHLUMBERGER	J55	C401789	03-06-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	J55	C401790	03-06-03	99.9	99.7	99.7
KUE	SCHLUMBERGER	J55	C401791	03-06-03	100.1	100.0	100.3



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KUE	SCHLUMBERGER	J55	C401792	03-06-03	100.0	99.9	99.9
KUE	SCHLUMBERGER	J55	C401793	03-06-03	100.1	99.7	99.8
KUE	SCHLUMBERGER	J55	C401794	03-06-03	100.1	99.9	100.1
KUE	SCHLUMBERGER	J55	C401795	03-06-03	99.8	100.1	100.3
KUE	SCHLUMBERGER	J55	C401796	03-06-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	J55	C401797	03-06-03	100.1	99.9	99.9
KUE	SCHLUMBERGER	J55	C401798	03-06-03	100.1	100.1	100.1
KUE	SCHLUMBERGER	J55	C401799	03-06-03	100.1	99.8	100.5
KUE	SCHLUMBERGER	J55	C401800	03-06-03	100.1	99.5	99.5
KUE	SCHLUMBERGER	J55	C401801	03-06-03	100.1	100.2	99.8
KUE	SCHLUMBERGER	J55	C401802	03-06-03	99.9	99.6	100.2
KUE	SCHLUMBERGER	J55	C401803	03-06-03	100.0	99.8	99.8
KUE	SCHLUMBERGER	J55	C401804	03-06-03	100.1	99.7	100.1
KUE	SCHLUMBERGER	J55	C401805	03-06-03	100.1	99.8	100.1
KUE	SCHLUMBERGER	J55	C401806	03-06-03	100.0	100.2	99.5
KUE	SCHLUMBERGER	J55	C401807	03-06-03	100.1	100.1	100.0
KUE	SCHLUMBERGER	J55	C401808	03-06-03	100.1	100.2	99.8
KUE	SCHLUMBERGER	J55	C401809	03-06-03	100.0	100.1	100.2
KUE	SCHLUMBERGER	J55	C401810	03-06-03	100.1	100.1	100.3
KUE	SCHLUMBERGER	J55	C401811	03-06-03	100.2	100.0	100.3
KUE	SCHLUMBERGER	J55	C401812	03-06-03	99.9	99.9	99.9
KUE	SCHLUMBERGER	J55	C401813	03-06-03	99.9	99.7	100.3
KUE	SCHLUMBERGER	J55	C401814	03-06-03	99.9	99.9	99.9
KUE	SCHLUMBERGER	J55	C401815	03-06-03	99.9	99.8	99.8
KUE	SCHLUMBERGER	J55	C401816	03-06-03	100.0	100.3	100.0
KUE	SCHLUMBERGER	J55	C401817	03-06-03	100.0	99.6	99.9
KUE	SCHLUMBERGER	J55	C401818	03-06-03	100.0	99.9	99.9
KUE	SCHLUMBERGER	J55	C401819	03-06-03	99.9	99.9	100.2
KUE	SCHLUMBERGER	J55	C401820	03-06-03	100.0	100.3	99.7
KUE	SCHLUMBERGER	J55	C401821	03-06-03	100.1	100.0	100.2
KUE	SCHLUMBERGER	J55	C401822	03-06-03	100.1	100.0	100.2
KUE	SCHLUMBERGER	J55	C401823	03-06-03	100.0	99.8	100.0
KUE	SCHLUMBERGER	J55	C401824	03-06-03	100.0	100.1	100.3
KUE	SCHLUMBERGER	J55	C401825	03-06-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	J55	C401826	03-06-03	100.0	99.7	100.4
KUE	SCHLUMBERGER	J55	C401827	03-06-03	99.9	99.7	100.1
KUE	SCHLUMBERGER	J55	C401828	03-06-03	100.1	100.0	100.1
KUE	SCHLUMBERGER	J55	C401829	03-06-03	99.8	99.7	100.0
KUE	SCHLUMBERGER	J55	C401830	03-06-03	100.0	99.8	100.2
KUE	SCHLUMBERGER	J55	C401831	03-06-03	100.2	100.2	100.2
KUE	SCHLUMBERGER	J55	C401832	03-06-03	100.2	100.3	100.0
KUE	SCHLUMBERGER	J55	C401833	03-06-03	100.0	100.0	99.6
KUE	SCHLUMBERGER	J55	C401834	03-06-03	100.1	99.8	100.1
KUE	SCHLUMBERGER	J55	C401835	03-06-03	100.1	100.0	100.3
KUE	SCHLUMBERGER	J55	C401836	03-06-03	99.9	99.8	100.4
KUE	SCHLUMBERGER	J55	C401837	03-06-03	100.0	99.8	100.1
KUE	SCHLUMBERGER	J55	C401838	03-06-03	100.2	100.2	100.2
KUE	SCHLUMBERGER	J55	C401839	03-06-03	100.1	100.0	100.0
KUE	SCHLUMBERGER	J55	C401840	03-06-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	J55	C401841	03-06-03	100.0	99.7	99.9
KUE	SCHLUMBERGER	J55	C401842	03-06-03	100.0	99.9	99.7

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KUE	SCHLUMBERGER	J55	C401843	03-06-03	100.2	100.0	100.3
KUE	SCHLUMBERGER	J55	C401844	03-06-03	100.1	100.0	100.2
KUE	SCHLUMBERGER	J55	C401845	03-06-03	99.8	99.8	100.2
KUE	SCHLUMBERGER	J55	C401846	03-06-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	J55	C401847	03-06-03	100.0	100.0	100.2
KUE	SCHLUMBERGER	J55	C401848	03-06-03	100.1	100.0	100.1
KUE	SCHLUMBERGER	J55	C401849	03-06-03	99.9	99.9	99.9
KUE	SCHLUMBERGER	J55	C401850	03-06-03	100.0	99.8	100.1
KUE	SCHLUMBERGER	J55	C401851	03-06-03	100.1	100.0	100.2
KUE	SCHLUMBERGER	J55	C401852	03-06-03	100.1	100.0	100.0
KUE	SCHLUMBERGER	J55	C401853	03-06-03	100.1	100.0	100.0
KUE	SCHLUMBERGER	J55	C401854	03-06-03	100.0	99.7	99.8
KUE	SCHLUMBERGER	J55	C401855	03-06-03	100.2	99.9	100.3
KUE	SCHLUMBERGER	J55	C401856	03-06-03	100.0	99.8	99.4
KUE	SCHLUMBERGER	J55	C401857	03-06-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	J55	C401858	03-06-03	100.1	100.0	100.4
KUE	SCHLUMBERGER	J55	C401859	03-06-03	100.1	100.1	100.1
KUE	SCHLUMBERGER	J55	C401860	03-06-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	J55	C401861	03-06-03	100.0	99.8	100.2
KUE	SCHLUMBERGER	J55	C401862	03-06-03	100.1	99.7	99.8
KUE	SCHLUMBERGER	J55	C401863	03-06-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	J55	C401864	03-06-03	100.1	99.9	99.8
KUE	SCHLUMBERGER	J55	C401865	03-06-03	100.2	100.0	100.5
KUE	SCHLUMBERGER	J55	C401866	03-06-03	100.0	99.7	99.8
KUE	SCHLUMBERGER	J55	C401867	03-06-03	99.9	100.0	99.8
KUE	SCHLUMBERGER	J55	C401868	03-06-03	100.1	99.8	100.4
KUE	SCHLUMBERGER	J55	C401869	03-06-03	100.0	99.8	100.0
KUE	SCHLUMBERGER	J55	C401870	03-06-03	100.2	100.2	100.4
KUE	SCHLUMBERGER	J55	C401871	03-06-03	100.0	99.7	99.5
KUE	SCHLUMBERGER	J55	C401872	03-06-03	100.0	100.0	99.8
KUE	SCHLUMBERGER	J55	C401873	03-06-03	100.1	99.9	99.9
KUE	SCHLUMBERGER	J55	C401874	03-06-03	99.9	99.9	99.9
KUE	SCHLUMBERGER	J55	C401875	03-06-03	100.1	100.0	100.2
KUE	SCHLUMBERGER	J55	C401876	03-06-03	100.1	99.7	100.4
KUE	SCHLUMBERGER	J55	C401877	03-06-03	100.0	100.1	99.9
KUE	SCHLUMBERGER	J55	C401878	03-06-03	100.3	99.9	99.9
KUE	SCHLUMBERGER	J55	C401879	03-06-03	100.0	99.9	100.3
KUE	SCHLUMBERGER	J55	C401880	03-06-03	100.0	99.8	100.3
KUE	SCHLUMBERGER	J55	C401881	03-06-03	100.2	100.1	100.2
KUE	SCHLUMBERGER	J55	C401882	03-06-03	100.1	99.8	100.0
KUE	SCHLUMBERGER	J55	C401883	03-06-03	100.0	99.7	100.1
KUE	SCHLUMBERGER	J55	C401884	03-06-03	99.8	99.7	99.8
KUE	SCHLUMBERGER	J55	C401885	03-06-03	100.2	100.0	99.8
KUE	SCHLUMBERGER	J55	C401886	03-06-03	99.9	99.9	99.8
KUE	SCHLUMBERGER	J55	C401887	03-06-03	99.9	99.8	99.7
KUE	SCHLUMBERGER	J55	C401888	03-06-03	99.9	99.7	99.7
KUE	SCHLUMBERGER	J55	C401889	03-06-03	100.0	99.8	99.6
KUE	SCHLUMBERGER	J55	C401890	03-06-03	100.1	100.0	100.0
KUE	SCHLUMBERGER	J55	C401891	03-06-03	100.1	100.3	100.4
KUE	SCHLUMBERGER	J55	C401892	03-06-03	100.0	99.9	99.9
KUE	SCHLUMBERGER	J55	C401893	03-06-03	100.2	100.0	99.9

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CO	MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACTOR
KUE	SCHLUMBERGER	J55	C401894	03-06-03	100.1	99.9	99.6
KUE	SCHLUMBERGER	J55	C401895	03-06-03	100.1	100.4	99.4
KUE	SCHLUMBERGER	J55	C401896	03-06-03	100.1	100.0	100.0
KUE	SCHLUMBERGER	J55	C401897	03-06-03	100.2	100.0	100.1
KUE	SCHLUMBERGER	J55	C401898	03-06-03	100.2	99.9	99.9
KUE	SCHLUMBERGER	J55	C401899	03-06-03	99.9	99.8	99.8
KUE	SCHLUMBERGER	J55	C401900	03-06-03	100.3	100.1	100.2
KUE	SCHLUMBERGER	J55	C401901	03-06-03	100.3	100.2	100.0
KUE	SCHLUMBERGER	J55	C401902	03-06-03	100.1	100.0	100.1
KUE	SCHLUMBERGER	J55	C401903	03-06-03	99.8	99.7	100.1
KUE	SCHLUMBERGER	J55	C401904	03-06-03	99.8	99.9	100.2
KUE	SCHLUMBERGER	J55	C401905	03-06-03	100.2	99.8	100.2
KUE	SCHLUMBERGER	J55	C401906	03-06-03	100.1	99.6	100.1
KUE	SCHLUMBERGER	J55	C401907	03-06-03	99.9	99.8	99.8
KUE	SCHLUMBERGER	J55	C401908	03-06-03	99.9	99.8	100.0
KUE	SCHLUMBERGER	J55	C401909	03-06-03	100.1	99.8	100.4
KUE	SCHLUMBERGER	J55	C401910	03-06-03	100.1	99.9	100.0
KUE	SCHLUMBERGER	J55	C401911	03-06-03	100.1	100.0	100.1
KUE	SCHLUMBERGER	J55	C401912	03-06-03	99.9	99.7	99.8
KUE	SCHLUMBERGER	J55	C401913	03-06-03	100.3	100.1	100.4
KUE	SCHLUMBERGER	J55	C401914	03-06-03	100.1	100.0	100.1
KUE	SCHLUMBERGER	J55	C401915	03-06-03	100.1	99.9	100.0
KUE	SCHLUMBERGER	J55	C401916	03-06-03	100.3	100.0	100.1
KUE	SCHLUMBERGER	J55	C401917	03-06-03	100.1	100.1	100.3
KUE	SCHLUMBERGER	J55	C401918	03-06-03	100.2	99.7	100.0
KUE	SCHLUMBERGER	J55	C401919	03-06-03	99.9	99.8	99.7
KUE	SCHLUMBERGER	J55	C401920	03-06-03	100.1	99.9	100.1
KUE	SCHLUMBERGER	J55	C401921	03-06-03	100.2	99.9	100.5
KUE	SCHLUMBERGER	J55	C401922	03-06-03	99.9	99.8	100.9
KUE	SCHLUMBERGER	J55	C401923	03-06-03	100.0	99.8	99.9
KUE	SCHLUMBERGER	J55	C401924	03-06-03	100.2	99.9	100.1
KUE	SCHLUMBERGER	J55	C401925	03-06-03	100.2	100.1	100.0
KUE	SCHLUMBERGER	J55	C401926	03-06-03	100.1	100.0	99.6
KUE	SCHLUMBERGER	J55	C401927	03-06-03	100.0	99.8	100.1
KUE	SCHLUMBERGER	J55	C401928	03-06-03	100.1	99.9	99.7
KUE	SCHLUMBERGER	J55	C401929	03-06-03	99.9	99.8	99.8
KUE	SCHLUMBERGER	J55	C401930	03-06-03	99.8	99.7	100.0
KUE	SCHLUMBERGER	J55	C401931	03-06-03	100.1	100.0	99.9
KUE	SCHLUMBERGER	J55	C401932	03-06-03	100.2	99.8	99.9
KUE	SCHLUMBERGER	J55	C401933	03-06-03	100.0	99.6	100.1
KUE	SCHLUMBERGER	J55	C401934	03-06-03	100.1	99.8	99.5
KUE	SCHLUMBERGER	J55	C401935	03-06-03	100.0	99.8	99.9
KUE	SCHLUMBERGER	J55	C401936	03-06-03	100.1	99.9	99.8
KUE	SCHLUMBERGER	J55	C401937	03-06-03	100.1	100.0	100.3
KUE	SCHLUMBERGER	J55	C401938	03-06-03	100.0	99.7	100.1
KUE	SCHLUMBERGER	J55	C401939	03-06-03	100.2	100.0	100.4
KUE	SCHLUMBERGER	J55	C401940	03-06-03	100.0	99.8	99.7
KUE	SCHLUMBERGER	J55	C401941	03-06-03	100.2	100.1	99.8
KUE	SCHLUMBERGER	J55	C401942	03-06-03	100.2	99.7	99.6
KUE	SCHLUMBERGER	J55	C401943	03-06-03	99.7	99.7	99.6
KUE	SCHLUMBERGER	J55	C401944	03-06-03	100.1	100.1	99.7

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KUE	SCHLUMBERGER	J55	C401945	03-06-03	100.1	100.4	100.0
KUE	SCHLUMBERGER	J55	C401946	03-06-03	99.9	99.7	100.7
KUE	SCHLUMBERGER	J55	C401947	03-06-03	100.0	100.0	99.7
KUE	SCHLUMBERGER	J55	C401948	03-06-03	99.8	99.7	99.6
KUE	SCHLUMBERGER	J55	C401949	03-06-03	99.9	99.8	100.0
KUE	SCHLUMBERGER	J55	C401950	03-06-03	100.2	100.2	100.4
KUE	SCHLUMBERGER	J55	C401951	03-06-03	100.3	100.4	100.3
KUE	SCHLUMBERGER	J55	C401952	03-06-03	100.0	99.7	99.9
KUE	SCHLUMBERGER	J55	C401953	03-06-03	99.9	99.7	99.7
KUE	SCHLUMBERGER	J55	C401954	03-06-03	99.8	99.9	99.9
KUE	SCHLUMBERGER	J55	C401955	03-06-03	100.0	100.3	100.1
KUE	SCHLUMBERGER	J55	C401956	03-06-03	100.0	99.6	99.9
KUE	SCHLUMBERGER	J55	C401957	03-06-03	99.9	99.8	99.6
KUE	SCHLUMBERGER	J55	C401958	03-06-03	100.2	100.1	100.2
KUE	SCHLUMBERGER	J55	C401959	03-06-03	100.1	99.9	100.0
KUE	SCHLUMBERGER	J55	C401960	03-06-03	99.9	99.8	100.1
KUE	SCHLUMBERGER	J55	C401961	03-06-03	99.9	99.7	99.5
KUE	SCHLUMBERGER	J55	C401962	03-06-03	100.1	100.1	100.1
KUE	SCHLUMBERGER	J55	C401963	03-06-03	100.0	99.9	99.8
KUE	SCHLUMBERGER	J55	C401964	03-06-03	100.3	100.0	100.1
KUE	SCHLUMBERGER	J55	C401965	03-06-03	99.9	99.8	99.6
KUE	SCHLUMBERGER	J55	C401966	03-06-03	100.2	99.9	100.1
KUE	SCHLUMBERGER	J55	C401967	03-06-03	100.0	100.0	99.9
KUE	SCHLUMBERGER	J55	C401968	03-06-03	100.1	100.2	100.2
KUE	SCHLUMBERGER	J55	C401969	03-06-03	100.2	100.0	100.1
KUE	SCHLUMBERGER	J55	C401970	03-06-03	100.0	99.6	99.8
KUE	SCHLUMBERGER	J55	C401971	03-06-03	100.1	100.2	100.3
KUE	SCHLUMBERGER	J55	C401972	03-06-03	100.2	99.7	100.4
KUE	SCHLUMBERGER	J55	C401973	03-06-03	100.1	99.8	99.9
KUE	SCHLUMBERGER	J55	C401974	03-06-03	100.0	99.6	100.3
KUE	SCHLUMBERGER	J55	C401975	03-06-03	100.0	99.8	100.0
KUE	SCHLUMBERGER	J55	C401976	03-06-03	99.8	99.8	99.4
KUE	SCHLUMBERGER	J55	C401977	03-06-03	100.1	99.8	100.2
KUE	SCHLUMBERGER	J55	C401978	03-06-03	100.1	99.6	100.1
KUE	SCHLUMBERGER	J55	C401979	03-06-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	J55	C401980	03-06-03	100.2	99.9	100.4
KUE	SCHLUMBERGER	J55	C401981	03-06-03	100.0	100.1	100.4
KUE	SCHLUMBERGER	J55	C401982	03-06-03	99.9	99.7	99.9
KUE	SCHLUMBERGER	J55	C401983	03-06-03	100.0	99.8	100.0
KUE	SCHLUMBERGER	J55	C401984	03-06-03	100.1	99.9	100.3
KUE	SCHLUMBERGER	J55	C401985	03-06-03	100.2	99.9	99.8
KUE	SCHLUMBERGER	J55	C401986	03-06-03	100.0	99.9	99.8
KUE	SCHLUMBERGER	J55	C401987	03-06-03	100.1	100.2	100.0
KUE	SCHLUMBERGER	J55	C401988	03-06-03	100.0	99.7	99.9
KUE	SCHLUMBERGER	J55	C401989	03-06-03	100.2	100.1	99.5
KUE	SCHLUMBERGER	J55	C401990	03-06-03	100.0	99.8	99.7
KUE	SCHLUMBERGER	J55	C401991	03-06-03	100.1	99.9	99.7
KUE	SCHLUMBERGER	J55	C401992	03-06-03	100.0	99.7	99.9
KUE	SCHLUMBERGER	J55	C401993	03-06-03	100.3	100.0	100.1
KUE	SCHLUMBERGER	J55	C401994	03-06-03	100.1	100.0	99.9
KUE	SCHLUMBERGER	J55	C401995	03-06-03	100.1	100.0	99.8

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KUE	SCHLUMBERGER	J55	C401996	03-06-03	100.0	100.0	99.8
KUE	SCHLUMBERGER	J55	C401997	03-06-03	100.2	99.6	100.1
KUE	SCHLUMBERGER	J55	C401998	03-06-03	99.9	99.8	99.9
KUE	SCHLUMBERGER	J55	C401999	03-06-03	100.1	99.8	100.0
KUE	SCHLUMBERGER	J55	C402000	03-06-03	100.2	99.9	100.3
KUE	SCHLUMBERGER	J55	C402001	03-06-03	100.0	100.0	99.7
KUE	SCHLUMBERGER	J55	C402002	03-06-03	100.1	99.9	99.8
KUE	SCHLUMBERGER	J55	C402003	03-06-03	100.3	100.2	100.6
KUE	SCHLUMBERGER	J55	C402004	03-06-03	100.1	100.0	100.3
KUE	SCHLUMBERGER	J55	C402005	03-06-03	100.1	100.0	100.1
KUE	SCHLUMBERGER	J55	C402006	03-06-03	99.8	99.7	99.6
KUE	SCHLUMBERGER	J55	C402007	03-06-03	99.9	99.7	99.4
KUE	SCHLUMBERGER	J55	C402008	03-06-03	100.0	100.0	99.5
KUE	SCHLUMBERGER	J55	C402009	03-06-03	100.0	99.9	100.2
KUE	SCHLUMBERGER	J55	C402010	03-06-03	100.3	100.3	100.0
KUE	SCHLUMBERGER	J55	C402011	03-06-03	100.1	100.3	100.0
KUE	SCHLUMBERGER	J55	C402012	03-06-03	100.2	99.7	100.0
KUE	SCHLUMBERGER	J55	C402013	03-06-03	100.1	100.1	99.5
KUE	SCHLUMBERGER	J55	C402014	03-06-03	100.1	99.8	99.9
KUE	SCHLUMBERGER	J55	C402015	03-06-03	100.0	99.8	100.1
KUE	SCHLUMBERGER	J55	C402016	03-06-03	100.3	99.9	100.4
KUE	SCHLUMBERGER	J55	C402017	03-06-03	100.0	99.7	99.6
KUE	SCHLUMBERGER	J55	C402018	03-06-03	100.1	99.9	99.9
KUE	SCHLUMBERGER	J55	C402019	03-06-03	100.1	100.1	100.0
KUE	SCHLUMBERGER	J55	C402020	03-06-03	100.2	99.8	100.3
KUE	SCHLUMBERGER	J55	C402021	03-06-03	100.2	99.8	100.1
KUE	SCHLUMBERGER	J55	C402022	03-06-03	100.1	99.7	100.1
KUE	SCHLUMBERGER	J55	C402023	03-06-03	100.2	99.8	100.4
KUE	SCHLUMBERGER	J55	C402024	03-06-03	100.0	99.8	99.9
KUE	SCHLUMBERGER	J55	C402025	03-06-03	100.2	99.7	100.2
KUE	SCHLUMBERGER	J55	C402026	03-06-03	100.1	99.8	99.9
KUE	SCHLUMBERGER	J55	C402027	03-06-03	100.2	99.8	100.0
KUE	SCHLUMBERGER	J55	C402028	03-06-03	100.2	99.8	100.0
KUE	SCHLUMBERGER	J55	C402029	03-06-03	100.2	100.3	100.3
KUE	SCHLUMBERGER	J55	C402030	03-06-03	100.2	100.3	99.8
KUE	SCHLUMBERGER	J55	C402031	03-06-03	100.1	100.0	100.2
KUE	SCHLUMBERGER	J55	C402032	03-06-03	100.2	99.8	99.5
KUE	SCHLUMBERGER	J55	C402033	03-06-03	100.1	99.8	99.9
KUE	SCHLUMBERGER	J55	C402034	03-06-03	100.1	99.9	99.8
KUE	SCHLUMBERGER	J55	C402035	03-06-03	99.8	99.8	99.6
KUE	SCHLUMBERGER	J55	C402036	03-06-03	100.1	99.7	100.0
KUE	SCHLUMBERGER	J55	C402037	03-06-03	100.0	99.7	100.1
KUE	SCHLUMBERGER	J55	C402038	03-06-03	100.1	99.8	99.3
KUE	SCHLUMBERGER	J55	C402039	03-06-03	100.1	100.0	100.0
KUE	SCHLUMBERGER	J55	C402040	03-06-03	100.2	100.1	100.5
KUE	SCHLUMBERGER	J55	C402041	03-06-03	100.2	99.9	100.0
KUE	SCHLUMBERGER	J55	C402042	03-06-03	100.0	100.0	99.8
KUE	SCHLUMBERGER	J55	C402043	03-06-03	100.0	100.0	99.8
KUE	SCHLUMBERGER	J55	C402044	03-06-03	99.8	100.0	99.6
KUE	SCHLUMBERGER	J55	C402045	03-06-03	100.1	99.8	100.0
KUE	SCHLUMBERGER	J55	C402046	03-06-03	100.2	100.0	99.9

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KUE	SCHLUMBERGER	J55	C402047	03-06-03	100.0	99.9	99.7
KUE	SCHLUMBERGER	J55	C402048	03-06-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	J55	C402049	03-06-03	100.0	100.0	100.2
KUE	SCHLUMBERGER	J55	C402050	03-06-03	99.9	99.8	100.1
KUE	SCHLUMBERGER	J55	C402051	03-06-03	100.3	99.9	99.7
KUE	SCHLUMBERGER	J55	C402052	03-06-03	99.9	99.7	99.9
KUE	SCHLUMBERGER	J55	C402053	03-06-03	100.1	100.0	99.9
KUE	SCHLUMBERGER	J55	C402054	03-06-03	99.9	99.7	100.2
KUE	SCHLUMBERGER	J55	C402055	03-06-03	100.1	99.9	99.8
KUE	SCHLUMBERGER	J55	C402056	03-06-03	100.0	100.0	99.8
KUE	SCHLUMBERGER	J55	C402057	03-06-03	100.1	99.8	99.6
KUE	SCHLUMBERGER	J55	C402058	03-06-03	100.1	100.1	100.2
KUE	SCHLUMBERGER	J55	C402059	03-06-03	99.9	99.6	99.7
KUE	SCHLUMBERGER	J55	C402060	03-06-03	100.1	99.8	99.9
KUE	SCHLUMBERGER	J55	C402061	03-06-03	100.0	100.0	99.9
KUE	SCHLUMBERGER	J55	C402062	03-06-03	100.1	99.7	99.8
KUE	SCHLUMBERGER	J55	C402063	03-06-03	100.0	99.8	99.7
KUE	SCHLUMBERGER	J55	C402064	03-06-03	100.2	100.0	100.1
KUE	SCHLUMBERGER	J55	C402065	03-06-03	100.2	99.9	99.8
KUE	SCHLUMBERGER	J55	C402066	03-06-03	100.1	99.8	100.4
KUE	SCHLUMBERGER	J55	C402067	03-06-03	100.1	100.0	100.0
KUE	SCHLUMBERGER	J55	C402068	03-06-03	100.2	99.9	99.9
KUE	SCHLUMBERGER	J55	C402069	03-06-03	100.1	100.2	100.1
KUE	SCHLUMBERGER	J55	C402070	03-06-03	100.1	100.1	99.9
KUE	SCHLUMBERGER	J55	C402071	03-06-03	100.0	100.1	100.2
KUE	SCHLUMBERGER	J55	C402072	03-06-03	100.3	100.2	100.1
KUE	SCHLUMBERGER	J55	C402073	03-06-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	J55	C402074	03-06-03	100.1	100.0	100.0
KUE	SCHLUMBERGER	J55	C402075	03-06-03	100.2	100.0	99.8
KUE	SCHLUMBERGER	J55	C402076	03-06-03	100.1	99.9	99.7
KUE	SCHLUMBERGER	J55	C402077	03-06-03	100.3	100.1	99.9
KUE	SCHLUMBERGER	J55	C402078	03-06-03	100.0	99.8	100.0
KUE	SCHLUMBERGER	J55	C402079	03-06-03	100.1	99.8	100.0
KUE	SCHLUMBERGER	J55	C402080	03-06-03	100.0	99.8	99.9
KUE	SCHLUMBERGER	J55	C402081	03-06-03	100.1	99.9	100.4
KUE	SCHLUMBERGER	J55	C402082	03-06-03	100.1	99.6	99.9
KUE	SCHLUMBERGER	J55	C402083	03-06-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	J55	C402084	03-06-03	100.1	99.9	100.1
KUE	SCHLUMBERGER	J55	C402085	03-06-03	100.1	99.7	99.8
KUE	SCHLUMBERGER	J55	C402086	03-06-03	100.1	99.8	100.0
KUE	SCHLUMBERGER	J55	C402087	03-06-03	100.1	100.1	99.8
KUE	SCHLUMBERGER	J55	C402088	03-06-03	100.1	99.7	100.1
KUE	SCHLUMBERGER	J55	C402089	03-06-03	100.0	99.8	99.7
KUE	SCHLUMBERGER	J55	C402090	03-06-03	100.2	100.0	100.2
KUE	SCHLUMBERGER	J55	C402091	03-06-03	100.0	99.8	99.9
KUE	SCHLUMBERGER	J55	C402092	03-06-03	100.1	99.8	99.6
KUE	SCHLUMBERGER	J55	C402093	03-06-03	100.0	100.0	100.2
KUE	SCHLUMBERGER	J55	C402094	03-06-03	100.3	100.1	100.3
KUE	SCHLUMBERGER	J55	C402095	03-06-03	99.9	100.0	99.9
KUE	SCHLUMBERGER	J55	C402096	03-06-03	100.1	99.6	100.2
KUE	SCHLUMBERGER	J55	C402097	03-06-03	100.0	99.9	99.8

CO	MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACTOR
KUE	SCHLUMBERGER	J55	C402098	03-06-03	100.2	99.7	99.8
KUE	SCHLUMBERGER	J55	C402099	03-06-03	100.0	99.7	99.7
KUE	SCHLUMBERGER	J55	C402100	03-06-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	J55	C402101	03-06-03	100.1	99.8	100.1
KUE	SCHLUMBERGER	J55	C402102	03-06-03	100.1	100.1	100.0
KUE	SCHLUMBERGER	J55	C402103	03-06-03	99.9	99.8	99.8
KUE	SCHLUMBERGER	J55	C402104	03-06-03	100.3	100.0	100.1
KUE	SCHLUMBERGER	J55	C402105	03-06-03	100.2	100.1	100.1
KUE	SCHLUMBERGER	J55	C402106	03-06-03	100.0	99.8	100.1
KUE	SCHLUMBERGER	J55	C402107	03-06-03	99.9	100.2	99.5
KUE	SCHLUMBERGER	J55	C402108	03-06-03	100.2	99.7	100.3
KUE	SCHLUMBERGER	J55	C402109	03-06-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	J55	C402110	03-06-03	100.0	99.7	100.1
KUE	SCHLUMBERGER	J55	C402111	03-06-03	100.3	100.0	100.2
KUE	SCHLUMBERGER	J55	C402112	03-06-03	100.1	100.0	100.0
KUE	SCHLUMBERGER	J55	C402113	03-06-03	100.0	99.8	99.9
KUE	SCHLUMBERGER	J55	C402114	03-06-03	100.0	99.6	99.9
KUE	SCHLUMBERGER	J55	C402115	03-06-03	100.0	99.9	100.3
KUE	SCHLUMBERGER	J55	C402116	03-06-03	99.8	99.6	99.5
KUE	SCHLUMBERGER	J55	C402117	03-06-03	100.0	100.0	99.7
KUE	SCHLUMBERGER	J55	C402118	03-06-03	99.9	99.6	99.7
KUE	SCHLUMBERGER	J55	C402119	03-06-03	100.1	99.9	100.4
KUE	SCHLUMBERGER	J55	C402120	03-06-03	100.0	100.0	99.9
KUE	SCHLUMBERGER	J55	C402121	03-06-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	J55	C402122	03-06-03	100.0	99.8	99.8
KUE	SCHLUMBERGER	J55	C402123	03-06-03	100.0	100.2	100.0
KUE	SCHLUMBERGER	J55	C402124	03-06-03	100.2	100.0	100.0
KUE	SCHLUMBERGER	J55	C402125	03-06-03	100.1	99.7	99.9
KUE	SCHLUMBERGER	J55	C402126	03-06-03	100.2	99.9	99.8
KUE	SCHLUMBERGER	J55	C402127	03-06-03	100.1	99.8	100.3
KUE	SCHLUMBERGER	J55	C402128	03-06-03	100.1	100.0	100.4
KUE	SCHLUMBERGER	J55	C402129	03-06-03	100.1	100.0	99.8
KUE	SCHLUMBERGER	J55	C402130	03-06-03	100.0	99.7	99.7
KUE	SCHLUMBERGER	J55	C402131	03-06-03	100.0	99.8	99.9
KUE	SCHLUMBERGER	J55	C402132	03-06-03	100.3	100.0	100.1
KUE	SCHLUMBERGER	J55	C402133	03-06-03	100.1	100.0	100.1
KUE	SCHLUMBERGER	J55	C402134	03-06-03	100.2	99.9	99.9
KUE	SCHLUMBERGER	J55	C402135	03-06-03	100.3	100.1	100.4
KUE	SCHLUMBERGER	J55	C402136	03-06-03	100.0	99.9	99.7
KUE	SCHLUMBERGER	J55	C402137	03-06-03	100.1	99.8	99.8
KUE	SCHLUMBERGER	J55	C402138	03-06-03	100.2	99.7	100.3
KUE	SCHLUMBERGER	J55	C402139	03-06-03	99.9	99.6	99.3
KUE	SCHLUMBERGER	J55	C402140	03-06-03	100.1	100.0	100.0
KUE	SCHLUMBERGER	J55	C402141	03-06-03	100.0	99.8	100.1
KUE	SCHLUMBERGER	J55	C402142	03-06-03	100.2	100.2	100.3
KUE	SCHLUMBERGER	J55	C402143	03-06-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	J55	C402144	03-06-03	100.1	100.1	100.1
KUE	SCHLUMBERGER	J55	C402145	03-06-03	100.0	100.0	99.8
KUE	SCHLUMBERGER	J55	C402146	03-06-03	100.2	100.2	100.2
KUE	SCHLUMBERGER	J55	C402147	03-06-03	100.3	99.9	99.9
KUE	SCHLUMBERGER	J55	C402148	03-06-03	100.1	99.9	100.1

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CO	MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACTOR
KUE	SCHLUMBERGER	J55	C402149	03-06-03	100.3	99.9	100.1
KUE	SCHLUMBERGER	J55	C402150	03-06-03	100.1	100.1	99.7
KUE	SCHLUMBERGER	J55	C402151	03-06-03	100.3	100.3	100.2
KUE	SCHLUMBERGER	J55	C402152	03-06-03	100.2	99.9	99.7
KUE	SCHLUMBERGER	J55	C402153	03-06-03	99.9	99.7	99.7
KUE	SCHLUMBERGER	J55	C402154	03-06-03	100.0	100.0	100.2
KUE	SCHLUMBERGER	J55	C402155	03-06-03	100.1	99.8	99.6
KUE	SCHLUMBERGER	J55	C402156	03-06-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	J55	C402157	03-06-03	100.0	100.0	100.3
KUE	SCHLUMBERGER	J55	C402158	03-06-03	100.2	100.2	100.2
KUE	SCHLUMBERGER	J55	C402159	03-06-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	J55	C402160	03-06-03	100.1	99.7	100.1
KUE	SCHLUMBERGER	J55	C402161	03-06-03	100.1	99.8	100.3
KUE	SCHLUMBERGER	J55	C402162	03-06-03	100.2	99.9	99.5
KUE	SCHLUMBERGER	J55	C402163	03-06-03	100.2	99.8	100.1
KUE	SCHLUMBERGER	J55	C402164	03-06-03	100.1	99.8	100.1
KUE	SCHLUMBERGER	J55	C402165	03-06-03	100.0	99.9	100.2
KUE	SCHLUMBERGER	J55	C402166	03-06-03	100.2	100.0	99.8
KUE	SCHLUMBERGER	J55	C402167	03-06-03	100.0	99.8	100.1
KUE	SCHLUMBERGER	J55	C402168	03-06-03	99.9	99.8	99.7
KUE	SCHLUMBERGER	J55	C402169	03-06-03	100.1	99.7	100.4
KUE	SCHLUMBERGER	J55	C402170	03-06-03	100.0	100.1	100.2
KUE	SCHLUMBERGER	J55	C402171	03-06-03	99.9	99.7	100.0
KUE	SCHLUMBERGER	J55	C402172	03-06-03	100.3	100.0	100.0
KUE	SCHLUMBERGER	J55	C402173	03-06-03	100.0	99.7	99.7
KUE	SCHLUMBERGER	J55	C402174	03-06-03	100.1	100.1	100.5
KUE	SCHLUMBERGER	J55	C402175	03-06-03	100.2	100.0	99.9
KUE	SCHLUMBERGER	J55	C402176	03-06-03	100.1	99.9	100.0
KUE	SCHLUMBERGER	J55	C402177	03-06-03	100.3	100.1	99.8
KUE	SCHLUMBERGER	J55	C402178	03-06-03	100.0	99.8	100.0
KUE	SCHLUMBERGER	J55	C402179	03-06-03	100.2	100.0	99.9
KUE	SCHLUMBERGER	J55	C402180	03-06-03	100.2	100.0	100.2
KUE	SCHLUMBERGER	J55	C402181	03-06-03	100.1	99.8	100.3
KUE	SCHLUMBERGER	J55	C402182	03-06-03	100.1	99.9	100.0
KUE	SCHLUMBERGER	J55	C402183	03-06-03	100.1	100.1	100.2
KUE	SCHLUMBERGER	J55	C402184	03-06-03	99.9	99.8	99.7
KUE	SCHLUMBERGER	J55	C402185	03-06-03	100.1	99.8	99.4
KUE	SCHLUMBERGER	J55	C402186	03-06-03	100.0	99.7	99.7
KUE	SCHLUMBERGER	J55	C402187	03-06-03	100.3	100.2	100.3
KUE	SCHLUMBERGER	J55	C402188	03-06-03	99.9	99.6	99.7
KUE	SCHLUMBERGER	J55	C402189	03-06-03	100.0	99.8	99.7
KUE	SCHLUMBERGER	J55	C402190	03-06-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	J55	C402191	03-06-03	100.1	99.9	100.2
KUE	SCHLUMBERGER	J55	C402192	03-06-03	99.9	99.9	99.7
KUE	SCHLUMBERGER	J55	C402193	03-06-03	100.1	99.8	100.0
KUE	SCHLUMBERGER	J55	C402194	03-06-03	100.1	99.9	100.0
KUE	SCHLUMBERGER	J55	C402195	03-06-03	100.1	99.9	100.1
KUE	SCHLUMBERGER	J55	C402196	03-06-03	99.9	99.7	99.8
KUE	SCHLUMBERGER	J55	C402197	03-06-03	100.1	99.9	100.3
KUE	SCHLUMBERGER	J55	C402198	03-06-03	100.0	100.0	99.8
KUE	SCHLUMBERGER	J55	C402199	03-06-03	100.1	100.0	100.5



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CO	MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACTOR
KUE	SCHLUMBERGER	J55	C402200	03-06-03	100.2	100.0	99.7
KUE	SCHLUMBERGER	J55	C402201	03-06-03	100.1	100.0	99.8
KUE	SCHLUMBERGER	J55	C402202	03-06-03	100.3	100.1	99.8
KUE	SCHLUMBERGER	J55	C402203	03-06-03	100.1	100.0	100.2
KUE	SCHLUMBERGER	J55	C402204	03-06-03	100.3	99.9	100.0
KUE	SCHLUMBERGER	J55	C402205	03-06-03	100.1	99.8	100.0
KUE	SCHLUMBERGER	J55	C402206	03-06-03	100.1	99.9	99.9
KUE	SCHLUMBERGER	J55	C402207	03-06-03	100.2	100.0	100.4
KUE	SCHLUMBERGER	J55	C402208	03-06-03	100.1	100.0	100.1
KUE	SCHLUMBERGER	J55	C402209	03-06-03	99.8	99.8	99.3
KUE	SCHLUMBERGER	J55	C402210	03-06-03	100.1	99.9	100.1
KUE	SCHLUMBERGER	J55	C402211	03-06-03	100.1	99.9	99.9
KUE	SCHLUMBERGER	J55	C402212	03-06-03	100.1	100.2	99.9
KUE	SCHLUMBERGER	J55	C402213	03-06-03	99.9	99.9	100.1
KUE	SCHLUMBERGER	J55	C402214	03-06-03	100.0	99.8	99.6
KUE	SCHLUMBERGER	J55	C402215	03-06-03	100.0	99.9	99.4
KUE	SCHLUMBERGER	J55	C402216	03-06-03	100.1	99.8	99.9
KUE	SCHLUMBERGER	J55	C402217	03-06-03	100.3	100.0	99.9
KUE	SCHLUMBERGER	J55	C402218	03-06-03	99.9	100.0	99.9
KUE	SCHLUMBERGER	J55	C402219	03-06-03	100.1	99.9	100.2
KUE	SCHLUMBERGER	J55	C402220	03-06-03	100.2	100.1	100.2
KUE	SCHLUMBERGER	J55	C402221	03-06-03	100.3	99.8	100.4
KUE	SCHLUMBERGER	J55	C402222	03-06-03	100.1	99.9	100.4
KUE	SCHLUMBERGER	J55	C402223	03-06-03	100.3	100.1	100.2
KUE	SCHLUMBERGER	J55	C402224	03-06-03	100.3	99.6	99.4
KUE	SCHLUMBERGER	J55	C402225	03-06-03	100.1	100.2	100.1
KUE	SCHLUMBERGER	J55	C402226	03-06-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	J55	C402227	03-06-03	100.0	99.9	99.6
KUE	SCHLUMBERGER	J55	C402228	03-06-03	100.2	100.3	100.0
KUE	SCHLUMBERGER	J55	C402229	03-06-03	100.2	100.0	100.3
KUE	SCHLUMBERGER	J55	C402230	03-06-03	100.1	100.1	100.3
KUE	SCHLUMBERGER	J55	C402231	03-06-03	99.9	99.9	99.7
KUE	SCHLUMBERGER	J55	C402232	03-06-03	100.1	99.7	99.8
KUE	SCHLUMBERGER	J55	C402233	03-06-03	100.0	99.9	99.8
KUE	SCHLUMBERGER	J55	C402234	03-06-03	100.1	100.0	100.1
KUE	SCHLUMBERGER	J55	C402235	03-06-03	100.0	99.9	99.8
KUE	SCHLUMBERGER	J55	C402236	03-06-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	J55	C402237	03-06-03	99.9	99.8	99.8
KUE	SCHLUMBERGER	J55	C402238	03-06-03	100.3	100.0	100.2
KUE	SCHLUMBERGER	J55	C402239	03-06-03	100.2	100.1	100.1
KUE	SCHLUMBERGER	J55	C402240	03-06-03	100.1	99.9	99.9
KUE	SCHLUMBERGER	J55	C402241	03-06-03	100.2	100.1	99.9
KUE	SCHLUMBERGER	J55	C402242	03-06-03	100.1	99.6	99.9
KUE	SCHLUMBERGER	J55	C402243	03-06-03	99.8	99.8	99.9
KUE	SCHLUMBERGER	J55	C402244	03-06-03	100.3	100.2	100.2
KUE	SCHLUMBERGER	J55	C402245	03-06-03	99.9	100.2	99.6
KUE	SCHLUMBERGER	J55	C402246	03-06-03	100.1	100.1	99.9
KUE	SCHLUMBERGER	J55	C402247	03-06-03	100.2	99.9	99.9
KUE	SCHLUMBERGER	J55	C402248	03-06-03	100.3	100.3	100.2
KUE	SCHLUMBERGER	J55	C402249	03-06-03	100.1	100.0	100.0
KUE	SCHLUMBERGER	J55	C402250	03-06-03	100.0	100.0	100.2

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CO	MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACTOR
KUE	SCHLUMBERGER	J55	C402251	03-06-03	100.1	99.9	99.9
KUE	SCHLUMBERGER	J55	C402252	03-06-03	100.0	100.0	99.5
KUE	SCHLUMBERGER	J55	C402253	03-06-03	100.1	100.0	99.9
KUE	SCHLUMBERGER	J55	C402254	03-06-03	99.9	99.8	99.6
KUE	SCHLUMBERGER	J55	C402255	03-06-03	100.0	99.8	99.8
KUE	SCHLUMBERGER	J55	C402256	03-06-03	100.3	100.0	99.9
KUE	SCHLUMBERGER	J55	C402257	03-06-03	99.9	99.8	99.9
KUE	SCHLUMBERGER	J55	C402258	03-06-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	J55	C402259	03-06-03	100.1	99.7	100.1
KUE	SCHLUMBERGER	J55	C402260	03-06-03	100.1	99.7	100.0
KUE	SCHLUMBERGER	J55	C402261	03-06-03	99.9	99.8	99.7
KUE	SCHLUMBERGER	J55	C402262	03-06-03	100.0	100.1	100.4
KUE	SCHLUMBERGER	J55	C402263	03-06-03	100.0	99.9	99.8
KUE	SCHLUMBERGER	J55	C402264	03-06-03	99.9	99.9	99.8
KUE	SCHLUMBERGER	J55	C402265	03-06-03	100.3	100.1	100.3
KUE	SCHLUMBERGER	J55	C402266	03-06-03	100.0	99.8	99.6
KUE	SCHLUMBERGER	J55	C402267	03-06-03	100.0	99.7	100.2
KUE	SCHLUMBERGER	J55	C402268	03-06-03	100.2	99.9	99.8
KUE	SCHLUMBERGER	J55	C402269	03-06-03	100.2	100.1	100.4
KUE	SCHLUMBERGER	J55	C402270	03-06-03	100.0	100.0	99.8
KUE	SCHLUMBERGER	J55	C402271	03-06-03	99.9	99.8	99.7
KUE	SCHLUMBERGER	J55	C402272	03-06-03	100.2	100.2	100.0
KUE	SCHLUMBERGER	J55	C402273	03-06-03	100.2	99.9	100.5
KUE	SCHLUMBERGER	J55	C402274	03-06-03	100.1	99.9	99.8
KUE	SCHLUMBERGER	J55	C402275	03-06-03	100.2	99.8	100.2
KUE	SCHLUMBERGER	J55	C402276	03-06-03	100.0	99.6	99.8
KUE	SCHLUMBERGER	J55	C402277	03-06-03	100.0	100.0	99.9
KUE	SCHLUMBERGER	J55	C402278	03-06-03	100.2	100.1	99.8
KUE	SCHLUMBERGER	J55	C402279	03-06-03	100.1	100.2	100.2
KUE	SCHLUMBERGER	J55	C402280	03-06-03	100.0	99.9	99.9
KUE	SCHLUMBERGER	J55	C402281	03-06-03	99.8	100.0	99.6
KUE	SCHLUMBERGER	J55	C402282	03-06-03	99.9	99.7	100.0
KUE	SCHLUMBERGER	J55	C402283	03-06-03	100.3	99.8	100.0
KUE	SCHLUMBERGER	J55	C402284	03-06-03	100.2	99.9	100.1
KUE	SCHLUMBERGER	J55	C402285	03-06-03	99.9	99.9	99.7
KUE	SCHLUMBERGER	J55	C402286	03-06-03	100.2	100.0	99.8
KUE	SCHLUMBERGER	J55	C402287	03-06-03	100.3	100.0	100.1
KUE	SCHLUMBERGER	J55	C402288	03-06-03	100.0	99.9	99.8
KUE	SCHLUMBERGER	J55	C402289	03-06-03	100.1	100.0	100.0
KUE	SCHLUMBERGER	J55	C402290	03-06-03	100.1	100.0	100.3
KUE	SCHLUMBERGER	J55	C402291	03-06-03	100.0	99.9	99.9
KUE	SCHLUMBERGER	J55	C402292	03-06-03	100.2	100.1	100.3
KUE	SCHLUMBERGER	J55	C402293	03-06-03	100.1	99.9	99.8
KUE	SCHLUMBERGER	J55	C402294	03-06-03	100.3	99.9	99.9
KUE	SCHLUMBERGER	J55	C402295	03-06-03	100.1	99.9	99.9
KUE	SCHLUMBERGER	J55	C402296	03-06-03	99.9	99.9	99.9
KUE	SCHLUMBERGER	J55	C402297	03-05-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	J55	C402298	03-05-03	100.1	99.6	99.9
KUE	SCHLUMBERGER	J55	C402299	03-05-03	100.0	100.0	99.5
KUE	SCHLUMBERGER	J55	C402300	03-05-03	100.1	99.8	100.2
KUE	SCHLUMBERGER	J55	C402301	03-05-03	100.1	99.9	100.1

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CO	MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PF FACTOR
KUE	SCHLUMBERGER	J55	C402302	03-05-03	100.1	99.9	100.0
KUE	SCHLUMBERGER	J55	C402303	03-05-03	100.3	100.2	100.4
KUE	SCHLUMBERGER	J55	C402304	03-05-03	99.9	99.7	99.6
KUE	SCHLUMBERGER	J55	C402305	03-05-03	100.2	100.1	100.4
KUE	SCHLUMBERGER	J55	C402306	03-05-03	100.2	99.9	100.4
KUE	SCHLUMBERGER	J55	C402307	03-05-03	100.0	99.8	100.2
KUE	SCHLUMBERGER	J55	C402308	03-05-03	100.2	99.7	100.2
KUE	SCHLUMBERGER	J55	C402309	03-05-03	100.1	99.8	99.8
KUE	SCHLUMBERGER	J55	C402310	03-05-03	100.1	99.8	99.8
KUE	SCHLUMBERGER	J55	C402311	03-05-03	100.1	99.7	99.4
KUE	SCHLUMBERGER	J55	C402312	03-05-03	100.2	100.0	100.2
KUE	SCHLUMBERGER	J55	C402313	03-05-03	100.1	100.0	100.5
KUE	SCHLUMBERGER	J55	C402314	03-05-03	99.9	99.9	99.9
KUE	SCHLUMBERGER	J55	C402315	03-05-03	100.1	100.0	99.8
KUE	SCHLUMBERGER	J55	C402316	03-05-03	99.9	99.8	99.6
KUE	SCHLUMBERGER	J55	C402317	03-05-03	100.0	99.8	100.3
KUE	SCHLUMBERGER	J55	C402318	03-05-03	100.0	99.9	99.7
KUE	SCHLUMBERGER	J55	C402319	03-05-03	100.0	100.0	99.9
KUE	SCHLUMBERGER	J55	C402320	03-05-03	100.2	99.8	100.2
KUE	SCHLUMBERGER	J55	C402321	03-05-03	100.0	99.9	99.9
KUE	SCHLUMBERGER	J55	C402322	03-05-03	100.0	99.8	99.9
KUE	SCHLUMBERGER	J55	C402323	03-05-03	100.1	99.8	99.8
KUE	SCHLUMBERGER	J55	C402324	03-05-03	100.1	100.0	100.4
KUE	SCHLUMBERGER	J55	C402325	03-05-03	100.1	99.8	100.2
KUE	SCHLUMBERGER	J55	C402326	03-05-03	100.1	100.0	100.3
KUE	SCHLUMBERGER	J55	C402327	03-05-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	J55	C402328	03-05-03	100.0	99.8	99.5
KUE	SCHLUMBERGER	J55	C402329	03-05-03	100.0	100.0	99.6
KUE	SCHLUMBERGER	J55	C402330	03-05-03	100.3	100.3	99.8
KUE	SCHLUMBERGER	J55	C402331	03-05-03	100.1	99.9	99.9
KUE	SCHLUMBERGER	J55	C402332	03-05-03	100.0	99.9	100.2
KUE	SCHLUMBERGER	J55	C402333	03-05-03	100.0	100.1	99.8
KUE	SCHLUMBERGER	J55	C402334	03-05-03	100.0	99.6	99.9
KUE	SCHLUMBERGER	J55	C402335	03-05-03	100.1	99.6	99.8
KUE	SCHLUMBERGER	J55	C402336	03-05-03	100.0	99.7	99.7
KUE	SCHLUMBERGER	J55	C402337	03-05-03	100.2	99.9	99.9
KUE	SCHLUMBERGER	J55	C402338	03-05-03	100.0	99.6	100.0
KUE	SCHLUMBERGER	J55	C402339	03-05-03	100.1	100.0	99.9
KUE	SCHLUMBERGER	J55	C402340	03-05-03	100.0	99.7	99.5
KUE	SCHLUMBERGER	J55	C402341	03-05-03	100.3	99.6	100.6
KUE	SCHLUMBERGER	J55	C402342	03-05-03	100.2	99.8	99.8
KUE	SCHLUMBERGER	J55	C402343	03-05-03	100.3	99.9	99.9
KUE	SCHLUMBERGER	J55	C402344	03-05-03	99.9	99.9	99.7
KUE	SCHLUMBERGER	J55	C402345	03-05-03	100.1	100.0	99.7
KUE	SCHLUMBERGER	J55	C402346	03-05-03	100.2	100.2	100.2
KUE	SCHLUMBERGER	J55	C402347	03-05-03	100.0	99.7	100.0
KUE	SCHLUMBERGER	J55	C402348	03-05-03	100.0	99.9	100.2
KUE	SCHLUMBERGER	J55	C402349	03-05-03	99.9	99.6	99.9
KUE	SCHLUMBERGER	J55	C402350	03-05-03	99.9	99.8	99.8
KUE	SCHLUMBERGER	J55	C402351	03-05-03	100.0	99.6	99.7
KUE	SCHLUMBERGER	J55	C402352	03-05-03	100.2	99.9	99.7

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CO	MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACTOR
KUE	SCHLUMBERGER	J55	C402353	03-05-03	100.3	100.0	100.1
KUE	SCHLUMBERGER	J55	C402354	03-05-03	100.0	99.9	99.9
KUE	SCHLUMBERGER	J55	C402355	03-05-03	100.1	99.9	99.6
KUE	SCHLUMBERGER	J55	C402356	03-05-03	100.1	100.0	100.1
KUE	SCHLUMBERGER	J55	C402357	03-05-03	100.2	99.9	99.9
KUE	SCHLUMBERGER	J55	C402358	03-05-03	100.0	99.8	99.7
KUE	SCHLUMBERGER	J55	C402359	03-05-03	100.1	100.1	100.2
KUE	SCHLUMBERGER	J55	C402360	03-05-03	100.2	100.1	100.1
KUE	SCHLUMBERGER	J55	C402361	03-05-03	99.8	99.7	99.6
KUE	SCHLUMBERGER	J55	C402362	03-05-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	J55	C402363	03-05-03	100.1	100.0	99.8
KUE	SCHLUMBERGER	J55	C402364	03-05-03	100.1	100.0	100.2
KUE	SCHLUMBERGER	J55	C402365	03-05-03	100.2	100.0	100.0
KUE	SCHLUMBERGER	J55	C402366	03-05-03	100.1	100.0	99.9
KUE	SCHLUMBERGER	J55	C402367	03-05-03	100.0	99.8	99.9
KUE	SCHLUMBERGER	J55	C402368	03-05-03	100.0	99.7	99.9
KUE	SCHLUMBERGER	J55	C402369	03-05-03	100.0	99.6	99.4
KUE	SCHLUMBERGER	J55	C402370	03-05-03	100.0	99.9	99.8
KUE	SCHLUMBERGER	J55	C402371	03-05-03	100.2	100.4	99.4
KUE	SCHLUMBERGER	J55	C402372	03-05-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	J55	C402373	03-05-03	100.2	100.0	100.1
KUE	SCHLUMBERGER	J55	C402374	03-05-03	99.9	100.0	99.7
KUE	SCHLUMBERGER	J55	C402375	03-05-03	100.2	99.8	99.8
KUE	SCHLUMBERGER	J55	C402376	03-05-03	100.1	100.0	100.1
KUE	SCHLUMBERGER	J55	C402377	03-05-03	100.1	99.7	100.0
KUE	SCHLUMBERGER	J55	C402378	03-05-03	100.0	99.8	99.7
KUE	SCHLUMBERGER	J55	C402379	03-05-03	99.9	99.7	99.7
KUE	SCHLUMBERGER	J55	C402380	03-05-03	100.1	99.9	100.5
KUE	SCHLUMBERGER	J55	C402381	03-05-03	100.1	100.0	99.8
KUE	SCHLUMBERGER	J55	C402382	03-05-03	100.0	99.9	99.6
KUE	SCHLUMBERGER	J55	C402383	03-05-03	100.1	99.7	99.8
KUE	SCHLUMBERGER	J55	C402384	03-05-03	100.2	99.9	100.0
KUE	SCHLUMBERGER	J55	C402385	03-05-03	100.1	99.7	99.6
KUE	SCHLUMBERGER	J55	C402386	03-05-03	99.8	99.8	99.7
KUE	SCHLUMBERGER	J55	C402387	03-05-03	100.1	99.9	99.9
KUE	SCHLUMBERGER	J55	C402388	03-05-03	100.0	99.6	99.9
KUE	SCHLUMBERGER	J55	C402389	03-05-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	J55	C402390	03-05-03	100.3	100.1	100.2
KUE	SCHLUMBERGER	J55	C402391	03-05-03	100.2	100.0	100.1
KUE	SCHLUMBERGER	J55	C402392	03-05-03	100.2	99.9	99.8
KUE	SCHLUMBERGER	J55	C402393	03-05-03	100.1	99.8	100.3
KUE	SCHLUMBERGER	J55	C402394	03-05-03	99.9	99.7	99.9
KUE	SCHLUMBERGER	J55	C402395	03-05-03	100.0	99.8	99.4
KUE	SCHLUMBERGER	J55	C402396	03-05-03	100.0	99.8	99.5
KUE	SCHLUMBERGER	J55	C402397	03-05-03	100.0	99.7	99.9
KUE	SCHLUMBERGER	J55	C402398	03-05-03	100.1	100.2	100.0
KUE	SCHLUMBERGER	J55	C402399	03-05-03	100.2	99.8	100.0
KUE	SCHLUMBERGER	J55	C402400	03-05-03	100.0	99.6	100.0
KUE	SCHLUMBERGER	J55	C402401	03-05-03	100.1	99.7	99.8
KUE	SCHLUMBERGER	J55	C402402	03-05-03	100.0	99.8	99.4
KUE	SCHLUMBERGER	J55	C402403	03-05-03	100.1	99.8	100.1

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KUE	SCHLUMBERGER	J55	C402404	03-05-03	100.0	99.9	99.9
KUE	SCHLUMBERGER	J55	C402405	03-05-03	100.2	99.7	99.9
KUE	SCHLUMBERGER	J55	C402406	03-05-03	100.3	100.1	100.1
KUE	SCHLUMBERGER	J55	C402407	03-05-03	99.9	99.9	99.5
KUE	SCHLUMBERGER	J55	C402408	03-05-03	100.0	99.7	99.6
KUE	SCHLUMBERGER	J55	C402409	03-05-03	100.1	99.9	100.0
KUE	SCHLUMBERGER	J55	C402410	03-05-03	100.1	100.0	100.0
KUE	SCHLUMBERGER	J55	C402411	03-05-03	100.0	99.7	99.8
KUE	SCHLUMBERGER	J55	C402412	03-05-03	100.1	99.7	99.8
KUE	SCHLUMBERGER	J55	C402413	03-05-03	100.2	100.1	99.9
KUE	SCHLUMBERGER	J55	C402414	03-05-03	100.1	99.7	99.9
KUE	SCHLUMBERGER	J55	C402415	03-05-03	100.1	100.0	100.0
KUE	SCHLUMBERGER	J55	C402416	03-05-03	100.1	100.1	99.9
KUE	SCHLUMBERGER	J55	C402417	03-05-03	100.1	100.1	99.8
KUE	SCHLUMBERGER	J55	C402418	03-05-03	100.1	99.8	100.0
KUE	SCHLUMBERGER	J55	C402419	03-05-03	100.3	100.0	100.5
KUE	SCHLUMBERGER	J55	C402420	03-05-03	100.1	99.8	100.3
KUE	SCHLUMBERGER	J55	C402421	03-05-03	100.0	99.7	99.6
KUE	SCHLUMBERGER	J55	C402422	03-05-03	99.9	100.0	100.3
KUE	SCHLUMBERGER	J55	C402423	03-05-03	100.0	99.8	100.1
KUE	SCHLUMBERGER	J55	C402424	03-05-03	100.2	100.3	99.9
KUE	SCHLUMBERGER	J55	C402425	03-05-03	100.0	99.7	100.1
KUE	SCHLUMBERGER	J55	C402426	03-05-03	100.1	99.7	99.6
KUE	SCHLUMBERGER	J55	C402427	03-05-03	100.0	99.8	100.1
KUE	SCHLUMBERGER	J55	C402428	03-05-03	100.0	99.7	100.1
KUE	SCHLUMBERGER	J55	C402429	03-05-03	100.0	99.9	99.7
KUE	SCHLUMBERGER	J55	C402430	03-05-03	100.0	99.9	99.7
KUE	SCHLUMBERGER	J55	C402431	03-05-03	100.1	99.9	99.7
KUE	SCHLUMBERGER	J55	C402432	03-05-03	99.9	99.7	100.2
KUE	SCHLUMBERGER	J55	C402433	03-05-03	100.1	99.9	99.8
KUE	SCHLUMBERGER	J55	C402434	03-05-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	J55	C402435	03-05-03	100.1	99.8	100.0
KUE	SCHLUMBERGER	J55	C402436	03-05-03	100.1	99.8	99.5
KUE	SCHLUMBERGER	J55	C402437	03-05-03	100.2	99.8	100.1
KUE	SCHLUMBERGER	J55	C402438	03-05-03	100.1	99.8	99.7
KUE	SCHLUMBERGER	J55	C402439	03-05-03	100.1	99.9	100.1
KUE	SCHLUMBERGER	J55	C402440	03-05-03	100.0	99.7	100.0
KUE	SCHLUMBERGER	J55	C402441	03-05-03	100.2	99.7	100.3
KUE	SCHLUMBERGER	J55	C402442	03-05-03	100.2	99.7	100.4
KUE	SCHLUMBERGER	J55	C402443	03-05-03	100.1	100.0	100.0
KUE	SCHLUMBERGER	J55	C402444	03-05-03	100.1	100.0	99.9
KUE	SCHLUMBERGER	J55	C402445	03-05-03	100.2	99.7	99.7
KUE	SCHLUMBERGER	J55	C402446	03-05-03	100.2	99.8	99.9
KUE	SCHLUMBERGER	J55	C402447	03-05-03	99.9	99.8	99.5
KUE	SCHLUMBERGER	J55	C402448	03-05-03	100.3	99.9	99.9
KUE	SCHLUMBERGER	J55	C402449	03-05-03	100.3	100.0	100.3
KUE	SCHLUMBERGER	J55	C402450	03-05-03	100.1	99.7	99.5
KUE	SCHLUMBERGER	J55	C402451	03-05-03	100.1	99.8	99.7
KUE	SCHLUMBERGER	J55	C402452	03-05-03	100.1	99.8	100.0
KUE	SCHLUMBERGER	J55	C402453	03-05-03	100.1	100.0	99.9
KUE	SCHLUMBERGER	J55	C402454	03-05-03	100.1	99.8	99.8

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CO	MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PF FACTOR
KUE	SCHLUMBERGER	J55	C402455	03-05-03	100.1	99.9	99.6
KUE	SCHLUMBERGER	J55	C402456	03-05-03	100.1	99.9	99.7
KUE	SCHLUMBERGER	J55	C402457	03-05-03	100.3	100.0	99.5
KUE	SCHLUMBERGER	J55	C402458	03-05-03	100.0	99.8	99.6
KUE	SCHLUMBERGER	J55	C402459	03-05-03	100.1	100.0	100.2
KUE	SCHLUMBERGER	J55	C402460	03-05-03	99.9	99.9	99.4
KUE	SCHLUMBERGER	J55	C402461	03-05-03	100.0	99.8	99.7
KUE	SCHLUMBERGER	J55	C402462	03-05-03	100.2	100.1	100.0
KUE	SCHLUMBERGER	J55	C402463	03-05-03	100.1	99.9	100.1
KUE	SCHLUMBERGER	J55	C402464	03-05-03	100.2	100.2	100.3
KUE	SCHLUMBERGER	J55	C402465	03-05-03	100.1	99.9	100.0
KUE	SCHLUMBERGER	J55	C402466	03-05-03	100.2	99.9	100.0
KUE	SCHLUMBERGER	J55	C402467	03-05-03	100.1	99.9	99.4
KUE	SCHLUMBERGER	J55	C402468	03-05-03	100.2	99.9	99.8
KUE	SCHLUMBERGER	J55	C402469	03-05-03	100.1	99.8	99.8
KUE	SCHLUMBERGER	J55	C402470	03-05-03	100.1	99.8	99.6
KUE	SCHLUMBERGER	J55	C402471	03-05-03	100.0	99.8	100.0
KUE	SCHLUMBERGER	J55	C402472	03-05-03	100.1	99.9	100.0
KUE	SCHLUMBERGER	J55	C402473	03-05-03	100.1	99.9	99.6
KUE	SCHLUMBERGER	J55	C402474	03-05-03	100.1	99.9	100.1
KUE	SCHLUMBERGER	J55	C402475	03-05-03	100.0	100.0	100.2
KUE	SCHLUMBERGER	J55	C402476	03-05-03	100.1	99.7	99.7
KUE	SCHLUMBERGER	J55	C402477	03-05-03	100.3	100.0	99.7
KUE	SCHLUMBERGER	J55	C402478	03-05-03	100.0	99.8	99.4
KUE	SCHLUMBERGER	J55	C402479	03-05-03	100.2	100.0	100.3
KUE	SCHLUMBERGER	J55	C402480	03-05-03	100.0	99.8	99.9
KUE	SCHLUMBERGER	J55	C402481	03-05-03	100.1	99.7	100.2
KUE	SCHLUMBERGER	J55	C402482	03-05-03	100.1	99.9	99.9
KUE	SCHLUMBERGER	J55	C402483	03-05-03	100.1	99.9	99.7
KUE	SCHLUMBERGER	J55	C402484	03-05-03	99.9	99.8	100.0
KUE	SCHLUMBERGER	J55	C402485	03-05-03	99.9	99.7	99.3
KUE	SCHLUMBERGER	J55	C402486	03-05-03	100.0	99.8	99.7
KUE	SCHLUMBERGER	J55	C402487	03-05-03	100.1	100.2	100.3
KUE	SCHLUMBERGER	J55	C402488	03-05-03	100.0	99.7	99.7
KUE	SCHLUMBERGER	J55	C402489	03-05-03	99.9	100.0	99.7
KUE	SCHLUMBERGER	J55	C402490	03-05-03	100.0	99.8	99.5
KUE	SCHLUMBERGER	J55	C402491	03-05-03	99.9	100.0	99.9
KUE	SCHLUMBERGER	J55	C402492	03-05-03	99.9	99.9	99.9
KUE	SCHLUMBERGER	J55	C402493	03-05-03	100.0	99.8	99.7
KUE	SCHLUMBERGER	J55	C402494	03-05-03	100.0	99.6	99.9
KUE	SCHLUMBERGER	J55	C402495	03-05-03	100.0	99.8	99.6
KUE	SCHLUMBERGER	J55	C402496	03-05-03	100.2	99.7	100.6
KUE	SCHLUMBERGER	J55	C402497	03-05-03	100.2	100.1	99.7
KUE	SCHLUMBERGER	J55	C402498	03-05-03	100.3	100.0	99.8
KUE	SCHLUMBERGER	J55	C402499	03-05-03	100.1	99.9	99.9
KUE	SCHLUMBERGER	J55	C402500	03-05-03	100.1	99.7	100.1
KUE	SCHLUMBERGER	J55	C402501	04-29-03	99.9	99.7	99.7
KUE	SCHLUMBERGER	J55	C402502	04-29-03	100.0	99.8	100.3
KUE	SCHLUMBERGER	J55	C402503	04-29-03	100.2	100.2	100.0
KUE	SCHLUMBERGER	J55	C402504	04-29-03	100.1	99.9	100.2
KUE	SCHLUMBERGER	J55	C402505	04-29-03	100.0	99.8	100.1

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CO	MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACTOR
KUE	SCHLUMBERGER	J55	C402506	04-29-03	100.1	100.0	99.7
KUE	SCHLUMBERGER	J55	C402507	04-29-03	100.1	99.9	100.0
KUE	SCHLUMBERGER	J55	C402508	04-29-03	100.0	99.8	99.8
KUE	SCHLUMBERGER	J55	C402509	04-29-03	99.8	99.9	100.1
KUE	SCHLUMBERGER	J55	C402510	04-29-03	99.9	99.7	100.0
KUE	SCHLUMBERGER	J55	C402511	04-29-03	100.2	100.0	100.0
KUE	SCHLUMBERGER	J55	C402512	04-29-03	100.0	100.4	99.9
KUE	SCHLUMBERGER	J55	C402513	04-29-03	100.1	99.9	100.1
KUE	SCHLUMBERGER	J55	C402514	04-29-03	100.2	100.2	100.3
KUE	SCHLUMBERGER	J55	C402515	04-29-03	99.8	100.0	99.7
KUE	SCHLUMBERGER	J55	C402516	04-29-03	100.0	99.9	99.8
KUE	SCHLUMBERGER	J55	C402517	04-29-03	99.8	99.7	99.6
KUE	SCHLUMBERGER	J55	C402518	04-29-03	99.9	100.2	99.8
KUE	SCHLUMBERGER	J55	C402519	04-29-03	100.0	99.7	99.7
KUE	SCHLUMBERGER	J55	C402520	04-29-03	100.0	99.8	99.9
KUE	SCHLUMBERGER	J55	C402521	04-29-03	99.9	99.7	99.8
KUE	SCHLUMBERGER	J55	C402522	04-29-03	100.2	99.7	99.8
KUE	SCHLUMBERGER	J55	C402523	04-29-03	100.3	100.1	100.2
KUE	SCHLUMBERGER	J55	C402524	04-29-03	100.0	100.0	100.2
KUE	SCHLUMBERGER	J55	C402525	04-29-03	100.1	100.0	100.1
KUE	SCHLUMBERGER	J55	C402526	04-29-03	99.9	99.7	99.6
KUE	SCHLUMBERGER	J55	C402527	04-29-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	J55	C402528	04-29-03	100.3	100.2	99.9
KUE	SCHLUMBERGER	J55	C402529	04-29-03	100.1	99.7	100.2
KUE	SCHLUMBERGER	J55	C402530	04-29-03	100.0	99.6	100.2
KUE	SCHLUMBERGER	J55	C402531	04-29-03	99.9	99.6	99.3
KUE	SCHLUMBERGER	J55	C402532	04-29-03	100.0	99.8	100.1
KUE	SCHLUMBERGER	J55	C402533	04-29-03	99.8	99.6	100.0
KUE	SCHLUMBERGER	J55	C402534	04-29-03	100.0	99.6	99.6
KUE	SCHLUMBERGER	J55	C402535	04-29-03	100.1	100.0	99.9
KUE	SCHLUMBERGER	J55	C402536	04-29-03	99.9	99.8	100.1
KUE	SCHLUMBERGER	J55	C402537	04-29-03	100.0	99.8	99.5
KUE	SCHLUMBERGER	J55	C402538	04-29-03	100.0	99.7	99.5
KUE	SCHLUMBERGER	J55	C402539	04-29-03	100.2	99.8	99.8
KUE	SCHLUMBERGER	J55	C402540	04-29-03	100.1	99.6	100.4
KUE	SCHLUMBERGER	J55	C402541	04-29-03	99.8	99.9	99.9
KUE	SCHLUMBERGER	J55	C402542	04-29-03	100.2	99.8	100.1
KUE	SCHLUMBERGER	J55	C402543	04-29-03	100.0	99.7	100.0
KUE	SCHLUMBERGER	J55	C402544	04-29-03	100.0	100.0	99.8
KUE	SCHLUMBERGER	J55	C402545	04-29-03	100.1	100.1	100.2
KUE	SCHLUMBERGER	J55	C402546	04-29-03	100.1	99.7	100.0
KUE	SCHLUMBERGER	J55	C402547	04-29-03	100.0	99.9	99.8
KUE	SCHLUMBERGER	J55	C402548	04-29-03	100.0	99.7	99.9
KUE	SCHLUMBERGER	J55	C402549	04-29-03	100.0	99.8	99.6
KUE	SCHLUMBERGER	J55	C402550	04-29-03	99.8	99.8	99.9
KUE	SCHLUMBERGER	J55	C402551	04-29-03	100.1	100.3	99.6
KUE	SCHLUMBERGER	J55	C402552	04-29-03	100.0	99.9	99.8
KUE	SCHLUMBERGER	J55	C402553	04-29-03	100.1	99.9	100.2
KUE	SCHLUMBERGER	J55	C402554	04-29-03	100.0	99.8	99.9
KUE	SCHLUMBERGER	J55	C402555	04-29-03	99.9	99.5	99.9
KUE	SCHLUMBERGER	J55	C402556	04-29-03	100.2	99.9	100.0

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KUE	SCHLUMBERGER	J5S	C402557	04-29-03	99.9	99.9	99.5
KUE	SCHLUMBERGER	J5S	C402558	04-29-03	100.0	99.8	100.2
KUE	SCHLUMBERGER	J5S	C402559	04-29-03	100.0	99.6	99.8
KUE	SCHLUMBERGER	J5S	C402560	04-29-03	100.1	99.8	100.4
KUE	SCHLUMBERGER	J5S	C402561	04-29-03	100.1	99.9	100.0
KUE	SCHLUMBERGER	J5S	C402562	04-29-03	99.9	99.7	100.0
KUE	SCHLUMBERGER	J5S	C402563	04-29-03	100.1	99.9	99.9
KUE	SCHLUMBERGER	J5S	C402564	04-29-03	100.1	100.0	99.7
KUE	SCHLUMBERGER	J5S	C402565	04-29-03	100.3	99.8	100.1
KUE	SCHLUMBERGER	J5S	C402566	04-29-03	99.8	99.8	99.5
KUE	SCHLUMBERGER	J5S	C402567	04-29-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	J5S	C402568	04-29-03	99.9	99.8	100.2
KUE	SCHLUMBERGER	J5S	C402569	04-29-03	100.1	99.9	99.8
KUE	SCHLUMBERGER	J5S	C402570	04-29-03	100.1	99.9	100.5
KUE	SCHLUMBERGER	J5S	C402571	04-29-03	100.3	100.0	100.4
KUE	SCHLUMBERGER	J5S	C402572	04-29-03	100.0	99.8	99.7
KUE	SCHLUMBERGER	J5S	C402573	04-29-03	100.0	100.0	99.7
KUE	SCHLUMBERGER	J5S	C402574	04-29-03	99.9	99.7	99.5
KUE	SCHLUMBERGER	J5S	C402575	04-29-03	100.0	99.8	100.0
KUE	SCHLUMBERGER	J5S	C402576	04-29-03	100.1	99.8	99.5
KUE	SCHLUMBERGER	J5S	C402577	04-29-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	J5S	C402578	04-29-03	100.3	99.8	100.1
KUE	SCHLUMBERGER	J5S	C402579	04-29-03	100.1	99.8	99.8
KUE	SCHLUMBERGER	J5S	C402580	04-29-03	100.2	100.1	100.4
KUE	SCHLUMBERGER	J5S	C402581	04-29-03	100.0	99.8	99.8
KUE	SCHLUMBERGER	J5S	C402582	04-29-03	99.9	99.6	99.6
KUE	SCHLUMBERGER	J5S	C402583	04-29-03	100.1	99.6	100.2
KUE	SCHLUMBERGER	J5S	C402584	04-29-03	100.1	99.9	99.6
KUE	SCHLUMBERGER	J5S	C402585	04-29-03	99.9	99.9	99.6
KUE	SCHLUMBERGER	J5S	C402586	04-29-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	J5S	C402587	04-29-03	99.9	100.4	99.6
KUE	SCHLUMBERGER	J5S	C402588	04-29-03	99.9	99.8	99.4
KUE	SCHLUMBERGER	J5S	C402589	04-29-03	100.2	99.8	99.8
KUE	SCHLUMBERGER	J5S	C402590	04-29-03	99.9	99.9	99.5
KUE	SCHLUMBERGER	J5S	C402591	04-29-03	100.1	99.9	100.0
KUE	SCHLUMBERGER	J5S	C402592	04-29-03	99.8	99.8	99.6
KUE	SCHLUMBERGER	J5S	C402593	04-29-03	99.9	99.7	100.3
KUE	SCHLUMBERGER	J5S	C402594	04-29-03	100.0	99.7	100.3
KUE	SCHLUMBERGER	J5S	C402595	04-29-03	100.0	99.8	99.9
KUE	SCHLUMBERGER	J5S	C402596	04-29-03	100.0	100.0	99.9
KUE	SCHLUMBERGER	J5S	C402597	04-29-03	99.9	99.9	99.6
KUE	SCHLUMBERGER	J5S	C402598	04-29-03	99.9	99.7	99.9
KUE	SCHLUMBERGER	J5S	C402599	04-29-03	100.1	99.9	99.9
KUE	SCHLUMBERGER	J5S	C402600	04-29-03	100.1	100.0	99.9
KUE	SCHLUMBERGER	J5S	C402601	04-29-03	100.0	99.9	100.4
KUE	SCHLUMBERGER	J5S	C402602	04-29-03	100.1	100.2	99.9
KUE	SCHLUMBERGER	J5S	C402603	04-29-03	100.1	99.8	100.3
KUE	SCHLUMBERGER	J5S	C402604	04-29-03	100.1	100.0	100.5
KUE	SCHLUMBERGER	J5S	C402605	04-29-03	100.0	99.8	99.8
KUE	SCHLUMBERGER	J5S	C402606	04-29-03	99.8	99.7	99.5
KUE	SCHLUMBERGER	J5S	C402607	04-29-03	100.3	99.7	99.6



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CO	MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PF FACTOR
KUE	SCHLUMBERGER	J55	C402608	04-29-03	100.1	100.1	100.2
KUE	SCHLUMBERGER	J55	C402609	04-29-03	100.0	100.2	99.4
KUE	SCHLUMBERGER	J55	C402610	04-29-03	100.1	99.9	100.1
KUE	SCHLUMBERGER	J55	C402611	04-29-03	100.2	99.8	99.8
KUE	SCHLUMBERGER	J55	C402612	04-29-03	100.0	99.9	99.9
KUE	SCHLUMBERGER	J55	C402613	04-29-03	100.1	99.9	99.5
KUE	SCHLUMBERGER	J55	C402614	04-29-03	100.0	99.9	99.8
KUE	SCHLUMBERGER	J55	C402615	04-29-03	100.1	100.0	99.7
KUE	SCHLUMBERGER	J55	C402616	04-29-03	99.9	99.7	100.6
KUE	SCHLUMBERGER	J55	C402617	04-29-03	100.0	99.9	100.4
KUE	SCHLUMBERGER	J55	C402618	04-29-03	99.9	99.8	99.7
KUE	SCHLUMBERGER	J55	C402619	04-29-03	100.1	99.9	100.0
KUE	SCHLUMBERGER	J55	C402620	04-29-03	100.0	99.6	99.8
KUE	SCHLUMBERGER	J55	C402621	04-29-03	100.0	99.9	99.6
KUE	SCHLUMBERGER	J55	C402622	04-29-03	100.0	100.2	99.8
KUE	SCHLUMBERGER	J55	C402623	04-29-03	100.1	99.8	100.0
KUE	SCHLUMBERGER	J55	C402624	04-29-03	99.9	99.8	99.7
KUE	SCHLUMBERGER	J55	C402625	04-29-03	100.1	100.0	100.0
KUE	SCHLUMBERGER	J55	C402626	04-29-03	100.2	100.2	100.0
KUE	SCHLUMBERGER	J55	C402627	04-29-03	100.1	99.9	100.2
KUE	SCHLUMBERGER	J55	C402628	04-29-03	100.0	100.0	100.2
KUE	SCHLUMBERGER	J55	C402629	04-29-03	100.2	100.2	99.8
KUE	SCHLUMBERGER	J55	C402630	04-29-03	100.1	100.0	100.3
KUE	SCHLUMBERGER	J55	C402631	04-29-03	100.0	99.8	99.9
KUE	SCHLUMBERGER	J55	C402632	04-29-03	100.1	99.9	100.1
KUE	SCHLUMBERGER	J55	C402633	04-29-03	100.1	99.9	99.8
KUE	SCHLUMBERGER	J55	C402634	04-29-03	99.9	99.9	100.1
KUE	SCHLUMBERGER	J55	C402635	04-29-03	100.1	100.1	100.2
KUE	SCHLUMBERGER	J55	C402636	04-29-03	100.1	99.8	100.0
KUE	SCHLUMBERGER	J55	C402637	04-29-03	100.0	100.0	100.2
KUE	SCHLUMBERGER	J55	C402638	04-29-03	100.2	100.2	100.2
KUE	SCHLUMBERGER	J55	C402639	04-29-03	100.1	100.2	100.0
KUE	SCHLUMBERGER	J55	C402640	04-29-03	99.8	99.7	99.6
KUE	SCHLUMBERGER	J55	C402641	04-29-03	100.1	100.1	100.4
KUE	SCHLUMBERGER	J55	C402642	04-29-03	100.0	99.8	99.9
KUE	SCHLUMBERGER	J55	C402643	04-29-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	J55	C402644	04-29-03	100.1	100.0	99.8
KUE	SCHLUMBERGER	J55	C402645	04-29-03	100.2	100.0	100.6
KUE	SCHLUMBERGER	J55	C402646	04-29-03	100.0	99.7	99.9
KUE	SCHLUMBERGER	J55	C402647	04-29-03	100.0	99.8	99.9
KUE	SCHLUMBERGER	J55	C402648	04-29-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	J55	C402649	04-29-03	100.0	99.8	99.4
KUE	SCHLUMBERGER	J55	C402650	04-29-03	100.0	99.8	100.3
KUE	SCHLUMBERGER	J55	C402651	04-29-03	100.1	99.6	99.9
KUE	SCHLUMBERGER	J55	C402652	04-29-03	100.2	99.7	100.3
KUE	SCHLUMBERGER	J55	C402653	04-29-03	100.0	99.7	99.8
KUE	SCHLUMBERGER	J55	C402654	04-29-03	100.2	100.0	100.1
KUE	SCHLUMBERGER	J55	C402655	04-28-03	100.0	99.6	100.3
KUE	SCHLUMBERGER	J55	C402656	04-28-03	100.0	99.9	100.2
KUE	SCHLUMBERGER	J55	C402657	04-28-03	100.1	100.1	99.9
KUE	SCHLUMBERGER	J55	C402658	04-28-03	100.1	99.9	99.9

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CO	MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PF FACTOR
KUE	SCHLUMBERGER	J55	C402659	04-28-03	100.1	100.2	100.1
KUE	SCHLUMBERGER	J55	C402660	04-28-03	100.2	100.0	100.3
KUE	SCHLUMBERGER	J55	C402661	04-28-03	99.9	99.8	99.7
KUE	SCHLUMBERGER	J55	C402662	04-28-03	100.0	99.8	100.3
KUE	SCHLUMBERGER	J55	C402663	04-28-03	100.0	100.1	99.7
KUE	SCHLUMBERGER	J55	C402664	04-28-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	J55	C402665	04-29-03	100.3	99.8	100.1
KUE	SCHLUMBERGER	J55	C402666	04-28-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	J55	C402667	04-29-03	100.1	99.9	99.8
KUE	SCHLUMBERGER	J55	C402668	04-28-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	J55	C402669	04-28-03	100.0	99.7	99.4
KUE	SCHLUMBERGER	J55	C402670	04-28-03	100.0	100.0	100.4
KUE	SCHLUMBERGER	J55	C402671	04-28-03	100.0	99.8	99.6
KUE	SCHLUMBERGER	J55	C402672	04-28-03	100.2	100.1	100.4
KUE	SCHLUMBERGER	J55	C402673	04-28-03	100.0	99.8	99.8
KUE	SCHLUMBERGER	J55	C402674	04-28-03	100.2	99.9	100.2
KUE	SCHLUMBERGER	J55	C402675	04-28-03	100.2	99.9	100.2
KUE	SCHLUMBERGER	J55	C402676	04-28-03	100.1	100.0	100.4
KUE	SCHLUMBERGER	J55	C402677	04-28-03	99.9	99.7	99.9
KUE	SCHLUMBERGER	J55	C402678	04-28-03	100.1	100.0	99.9
KUE	SCHLUMBERGER	J55	C402679	04-28-03	100.1	100.0	100.3
KUE	SCHLUMBERGER	J55	C402680	04-28-03	100.2	100.2	100.0
KUE	SCHLUMBERGER	J55	C402681	04-28-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	J55	C402682	04-28-03	100.0	100.0	100.2
KUE	SCHLUMBERGER	J55	C402683	04-28-03	100.0	100.0	100.3
KUE	SCHLUMBERGER	J55	C402684	04-28-03	100.0	100.1	100.3
KUE	SCHLUMBERGER	J55	C402685	04-28-03	100.0	100.0	99.5
KUE	SCHLUMBERGER	J55	C402686	04-28-03	100.1	100.0	100.3
KUE	SCHLUMBERGER	J55	C402687	04-28-03	100.1	100.0	100.0
KUE	SCHLUMBERGER	J55	C402688	04-28-03	100.3	99.8	100.2
KUE	SCHLUMBERGER	J55	C402689	04-28-03	100.0	99.8	100.0
KUE	SCHLUMBERGER	J55	C402690	04-28-03	100.0	99.9	99.9
KUE	SCHLUMBERGER	J55	C402691	04-28-03	99.9	100.1	99.4
KUE	SCHLUMBERGER	J55	C402692	04-28-03	100.0	100.1	99.8
KUE	SCHLUMBERGER	J55	C402693	04-28-03	99.9	99.8	100.0
KUE	SCHLUMBERGER	J55	C402694	04-28-03	100.2	99.9	99.9
KUE	SCHLUMBERGER	J55	C402695	04-28-03	99.8	99.8	99.4
KUE	SCHLUMBERGER	J55	C402696	04-28-03	100.0	99.8	100.1
KUE	SCHLUMBERGER	J55	C402697	04-28-03	100.0	99.8	99.9
KUE	SCHLUMBERGER	J55	C402698	04-28-03	100.1	99.9	99.7
KUE	SCHLUMBERGER	J55	C402699	04-28-03	99.8	99.7	99.4
KUE	SCHLUMBERGER	J55	C402700	04-28-03	100.0	99.8	99.7
KUE	SCHLUMBERGER	J55	C402701	04-28-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	J55	C402702	04-28-03	100.0	99.8	99.8
KUE	SCHLUMBERGER	J55	C402703	04-28-03	100.0	99.9	99.9
KUE	SCHLUMBERGER	J55	C402704	04-28-03	100.0	99.9	100.2
KUE	SCHLUMBERGER	J55	C402705	04-28-03	100.1	99.7	99.8
KUE	SCHLUMBERGER	J55	C402706	04-28-03	100.1	99.8	99.5
KUE	SCHLUMBERGER	J55	C402707	04-28-03	100.1	100.3	99.9
KUE	SCHLUMBERGER	J55	C402708	04-28-03	100.1	99.8	100.5
KUE	SCHLUMBERGER	J55	C402709	04-28-03	100.1	99.7	100.0

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KUE	SCHLUMBERGER	J55	C402710	04-28-03	99.8	100.0	99.4
KUE	SCHLUMBERGER	J55	C402711	04-28-03	100.0	99.8	99.9
KUE	SCHLUMBERGER	J55	C402712	04-28-03	100.1	99.7	100.1
KUE	SCHLUMBERGER	J55	C402713	04-28-03	100.0	99.8	100.1
KUE	SCHLUMBERGER	J55	C402714	04-28-03	100.1	99.6	100.2
KUE	SCHLUMBERGER	J55	C402715	04-28-03	100.1	100.0	100.5
KUE	SCHLUMBERGER	J55	C402716	04-28-03	100.0	99.8	99.9
KUE	SCHLUMBERGER	J55	C402717	04-28-03	100.0	100.0	100.5
KUE	SCHLUMBERGER	J55	C402718	04-28-03	99.8	99.9	99.8
KUE	SCHLUMBERGER	J55	C402719	04-28-03	100.2	100.2	100.3
KUE	SCHLUMBERGER	J55	C402720	04-28-03	99.9	99.8	99.7
KUE	SCHLUMBERGER	J55	C402721	04-28-03	100.1	99.9	100.2
KUE	SCHLUMBERGER	J55	C402722	04-28-03	100.1	99.8	100.1
KUE	SCHLUMBERGER	J55	C402723	04-28-03	100.2	99.8	100.0
KUE	SCHLUMBERGER	J55	C402724	04-28-03	99.8	100.2	99.4
KUE	SCHLUMBERGER	J55	C402725	04-28-03	100.0	99.9	99.9
KUE	SCHLUMBERGER	J55	C402726	04-28-03	100.1	100.1	100.3
KUE	SCHLUMBERGER	J55	C402727	04-28-03	100.0	99.8	99.9
KUE	SCHLUMBERGER	J55	C402728	04-28-03	100.1	99.9	99.7
KUE	SCHLUMBERGER	J55	C402729	04-28-03	100.0	99.8	100.0
KUE	SCHLUMBERGER	J55	C402730	04-28-03	99.8	99.6	100.0
KUE	SCHLUMBERGER	J55	C402731	04-28-03	100.1	99.9	99.9
KUE	SCHLUMBERGER	J55	C402732	04-28-03	99.9	99.9	99.6
KUE	SCHLUMBERGER	J55	C402733	04-28-03	99.9	99.7	99.8
KUE	SCHLUMBERGER	J55	C402734	04-28-03	100.0	99.8	100.0
KUE	SCHLUMBERGER	J55	C402735	04-28-03	100.0	99.8	99.9
KUE	SCHLUMBERGER	J55	C402736	04-28-03	99.9	99.9	99.8
KUE	SCHLUMBERGER	J55	C402737	04-28-03	100.2	100.2	100.1
KUE	SCHLUMBERGER	J55	C402738	04-28-03	99.9	99.6	99.9
KUE	SCHLUMBERGER	J55	C402739	04-28-03	100.0	99.7	100.2
KUE	SCHLUMBERGER	J55	C402740	04-28-03	99.9	99.8	99.7
KUE	SCHLUMBERGER	J55	C402741	04-28-03	100.0	99.7	99.6
KUE	SCHLUMBERGER	J55	C402742	04-28-03	99.8	99.7	99.8
KUE	SCHLUMBERGER	J55	C402743	04-28-03	100.1	99.6	99.7
KUE	SCHLUMBERGER	J55	C402744	04-28-03	100.2	100.0	100.2
KUE	SCHLUMBERGER	J55	C402745	04-28-03	100.0	100.1	99.8
KUE	SCHLUMBERGER	J55	C402746	04-28-03	100.2	99.9	100.3
KUE	SCHLUMBERGER	J55	C402747	04-28-03	100.1	100.0	100.0
KUE	SCHLUMBERGER	J55	C402748	04-28-03	100.3	100.0	100.3
KUE	SCHLUMBERGER	J55	C402749	04-28-03	99.8	99.6	99.8
KUE	SCHLUMBERGER	J55	C402750	04-28-03	100.0	99.8	100.0
KUE	SCHLUMBERGER	J55	C402751	04-28-03	100.1	99.8	99.6
KUE	SCHLUMBERGER	J55	C402752	04-28-03	100.1	99.8	100.0
KUE	SCHLUMBERGER	J55	C402753	04-28-03	100.0	99.9	99.6
KUE	SCHLUMBERGER	J55	C402754	04-28-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	J55	C402755	04-28-03	100.2	100.2	100.2
KUE	SCHLUMBERGER	J55	C402756	04-28-03	100.2	100.0	99.9
KUE	SCHLUMBERGER	J55	C402757	04-28-03	99.8	99.8	100.1
KUE	SCHLUMBERGER	J55	C402758	04-28-03	99.9	99.6	99.6
KUE	SCHLUMBERGER	J55	C402759	04-28-03	99.8	99.7	99.7
KUE	SCHLUMBERGER	J55	C402760	04-28-03	99.9	100.0	100.1

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KUE	SCHLUMBERGER	J55	C402761	04-28-03	100.1	99.8	100.0
KUE	SCHLUMBERGER	J55	C402762	04-28-03	99.9	99.7	99.6
KUE	SCHLUMBERGER	J55	C402763	04-28-03	100.0	99.9	99.6
KUE	SCHLUMBERGER	J55	C402764	04-28-03	100.0	99.7	99.9
KUE	SCHLUMBERGER	J55	C402765	04-28-03	100.1	99.9	99.8
KUE	SCHLUMBERGER	J55	C402766	04-28-03	100.0	99.9	99.9
KUE	SCHLUMBERGER	J55	C402767	04-28-03	100.0	100.0	100.3
KUE	SCHLUMBERGER	J55	C402768	04-28-03	100.1	99.8	100.3
KUE	SCHLUMBERGER	J55	C402769	04-28-03	100.0	99.7	99.8
KUE	SCHLUMBERGER	J55	C402770	04-28-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	J55	C402771	04-28-03	100.2	100.0	99.7
KUE	SCHLUMBERGER	J55	C402772	04-28-03	100.0	99.8	100.3
KUE	SCHLUMBERGER	J55	C402773	04-28-03	100.1	99.7	100.4
KUE	SCHLUMBERGER	J55	C402774	04-28-03	99.9	99.8	100.3
KUE	SCHLUMBERGER	J55	C402775	04-28-03	99.9	99.6	99.7
KUE	SCHLUMBERGER	J55	C402776	04-28-03	99.9	99.6	99.9
KUE	SCHLUMBERGER	J55	C402777	04-28-03	100.0	99.7	100.0
KUE	SCHLUMBERGER	J55	C402778	04-28-03	99.9	99.9	99.6
KUE	SCHLUMBERGER	J55	C402779	04-28-03	100.0	100.0	99.9
KUE	SCHLUMBERGER	J55	C402780	04-28-03	100.0	99.7	99.6
KUE	SCHLUMBERGER	J55	C402781	04-28-03	100.0	99.9	100.2
KUE	SCHLUMBERGER	J55	C402782	04-28-03	99.9	99.7	99.3
KUE	SCHLUMBERGER	J55	C402783	04-28-03	100.1	100.0	100.2
KUE	SCHLUMBERGER	J55	C402784	04-28-03	100.1	100.0	100.0
KUE	SCHLUMBERGER	J55	C402785	04-28-03	99.9	99.7	99.5
KUE	SCHLUMBERGER	J55	C402786	04-28-03	100.1	100.3	100.2
KUE	SCHLUMBERGER	J55	C402787	04-28-03	100.2	99.6	99.9
KUE	SCHLUMBERGER	J55	C402788	04-28-03	100.3	100.2	100.0
KUE	SCHLUMBERGER	J55	C402789	04-28-03	100.1	99.8	100.2
KUE	SCHLUMBERGER	J55	C402790	04-28-03	99.9	99.6	99.8
KUE	SCHLUMBERGER	J55	C402791	04-28-03	100.1	99.7	100.0
KUE	SCHLUMBERGER	J55	C402792	04-28-03	100.1	99.7	99.8
KUE	SCHLUMBERGER	J55	C402793	04-28-03	100.2	99.9	99.7
KUE	SCHLUMBERGER	J55	C402794	04-28-03	100.1	99.7	99.8
KUE	SCHLUMBERGER	J55	C402795	04-28-03	99.9	99.8	100.1
KUE	SCHLUMBERGER	J55	C402796	04-28-03	100.1	100.0	99.9
KUE	SCHLUMBERGER	J55	C402797	04-28-03	100.0	99.9	100.4
KUE	SCHLUMBERGER	J55	C402798	04-28-03	100.2	99.9	100.1
KUE	SCHLUMBERGER	J55	C402799	04-28-03	100.1	99.7	99.8
KUE	SCHLUMBERGER	J55	C402800	04-28-03	99.8	99.6	99.7
KUE	SCHLUMBERGER	J55	C402801	04-28-03	100.1	100.1	99.4
KUE	SCHLUMBERGER	J55	C402802	04-28-03	100.2	99.7	100.1
KUE	SCHLUMBERGER	J55	C402803	04-28-03	100.0	99.7	100.2
KUE	SCHLUMBERGER	J55	C402804	04-28-03	100.0	99.6	100.3
KUE	SCHLUMBERGER	J55	C402805	04-28-03	100.0	99.8	100.3
KUE	SCHLUMBERGER	J55	C402806	04-28-03	100.1	99.9	100.3
KUE	SCHLUMBERGER	J55	C402807	04-28-03	100.2	99.7	100.3
KUE	SCHLUMBERGER	J55	C402808	04-28-03	100.0	99.7	99.7
KUE	SCHLUMBERGER	J55	C402809	04-28-03	99.9	99.7	99.8
KUE	SCHLUMBERGER	J55	C402810	04-28-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	J55	C402811	04-28-03	99.9	99.7	99.6

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KUE	SCHLUMBERGER	J55	C402812	04-28-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	J55	C402813	04-28-03	99.9	99.9	100.2
KUE	SCHLUMBERGER	J55	C402814	04-28-03	99.9	99.8	100.2
KUE	SCHLUMBERGER	J55	C402815	04-28-03	100.0	99.8	100.4
KUE	SCHLUMBERGER	J55	C402816	04-28-03	100.0	99.7	100.4
KUE	SCHLUMBERGER	J55	C402817	04-28-03	99.9	99.8	99.7
KUE	SCHLUMBERGER	J55	C402818	04-28-03	99.9	99.9	99.8
KUE	SCHLUMBERGER	J55	C402819	04-28-03	100.1	99.9	100.4
KUE	SCHLUMBERGER	J55	C402820	04-28-03	100.0	99.8	100.1
KUE	SCHLUMBERGER	J55	C402821	04-28-03	100.1	99.9	100.0
KUE	SCHLUMBERGER	J55	C402822	04-28-03	99.9	99.9	99.8
KUE	SCHLUMBERGER	J55	C402823	04-28-03	99.9	99.7	99.7
KUE	SCHLUMBERGER	J55	C402824	04-28-03	100.2	100.0	99.8
KUE	SCHLUMBERGER	J55	C402825	04-28-03	100.2	100.0	100.3
KUE	SCHLUMBERGER	J55	C402826	04-28-03	99.9	99.7	99.5
KUE	SCHLUMBERGER	J55	C402827	04-28-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	J55	C402828	04-28-03	100.2	100.1	100.4
KUE	SCHLUMBERGER	J55	C402829	04-28-03	100.1	100.0	99.5
KUE	SCHLUMBERGER	J55	C402830	04-28-03	100.2	99.9	100.0
KUE	SCHLUMBERGER	J55	C402831	04-28-03	100.2	100.1	100.1
KUE	SCHLUMBERGER	J55	C402832	04-28-03	100.1	99.9	100.2
KUE	SCHLUMBERGER	J55	C402833	04-28-03	99.9	99.7	100.2
KUE	SCHLUMBERGER	J55	C402834	04-28-03	99.8	99.8	99.7
KUE	SCHLUMBERGER	J55	C402835	04-28-03	100.0	99.8	99.9
KUE	SCHLUMBERGER	J55	C402836	04-28-03	100.1	99.9	99.9
KUE	SCHLUMBERGER	J55	C402837	04-28-03	99.9	99.8	100.0
KUE	SCHLUMBERGER	J55	C402838	04-28-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	J55	C402839	04-28-03	100.2	100.1	100.2
KUE	SCHLUMBERGER	J55	C402840	04-28-03	100.1	99.8	99.9
KUE	SCHLUMBERGER	J55	C402841	04-28-03	100.1	100.0	100.2
KUE	SCHLUMBERGER	J55	C402842	04-28-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	J55	C402843	04-28-03	100.2	99.8	100.1
KUE	SCHLUMBERGER	J55	C402844	04-28-03	100.2	100.0	100.2
KUE	SCHLUMBERGER	J55	C402845	04-28-03	100.1	100.1	100.1
KUE	SCHLUMBERGER	J55	C402846	04-28-03	100.2	100.0	100.1
KUE	SCHLUMBERGER	J55	C402847	04-28-03	100.1	100.0	100.2
KUE	SCHLUMBERGER	J55	C402848	04-28-03	100.1	100.0	100.2
KUE	SCHLUMBERGER	J55	C402849	04-28-03	100.1	100.0	100.0
KUE	SCHLUMBERGER	J55	C402850	04-28-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	J55	C402851	04-28-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	J55	C402852	04-28-03	100.2	100.1	100.2
KUE	SCHLUMBERGER	J55	C402853	04-28-03	99.8	99.9	99.9
KUE	SCHLUMBERGER	J55	C402854	04-28-03	99.9	99.8	100.1
KUE	SCHLUMBERGER	J55	C402855	04-28-03	100.0	100.0	100.2
KUE	SCHLUMBERGER	J55	C402856	04-28-03	100.1	100.3	100.1
KUE	SCHLUMBERGER	J55	C402857	04-28-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	J55	C402858	04-28-03	100.2	100.0	100.1
KUE	SCHLUMBERGER	J55	C402859	04-28-03	100.0	100.0	99.9
KUE	SCHLUMBERGER	J55	C402860	04-28-03	100.1	99.8	100.0
KUE	SCHLUMBERGER	J55	C402861	04-28-03	100.0	100.1	99.7
KUE	SCHLUMBERGER	J55	C402862	04-28-03	100.0	99.9	99.5

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KUE	SCHLUMBERGER	J5S	C402863	04-28-03	100.1	100.1	100.2
KUE	SCHLUMBERGER	J5S	C402864	04-28-03	100.3	100.0	100.1
KUE	SCHLUMBERGER	J5S	C402865	04-28-03	99.9	99.7	99.8
KUE	SCHLUMBERGER	J5S	C402866	04-28-03	100.0	99.8	99.6
KUE	SCHLUMBERGER	J5S	C402867	04-28-03	100.1	99.9	100.2
KUE	SCHLUMBERGER	J5S	C402868	04-28-03	100.0	99.8	99.7
KUE	SCHLUMBERGER	J5S	C402869	04-28-03	100.2	99.9	99.9
KUE	SCHLUMBERGER	J5S	C402870	04-28-03	100.1	99.9	99.9
KUE	SCHLUMBERGER	J5S	C402871	04-28-03	100.0	99.8	100.0
KUE	SCHLUMBERGER	J5S	C402872	04-28-03	100.1	99.7	99.9
KUE	SCHLUMBERGER	J5S	C402873	04-28-03	100.1	100.0	100.3
KUE	SCHLUMBERGER	J5S	C402874	04-28-03	100.0	99.8	100.0
KUE	SCHLUMBERGER	J5S	C402875	04-28-03	100.1	100.2	99.8
KUE	SCHLUMBERGER	J5S	C402876	04-28-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	J5S	C402877	04-28-03	100.1	99.9	99.7
KUE	SCHLUMBERGER	J5S	C402878	04-28-03	100.1	100.1	100.1
KUE	SCHLUMBERGER	J5S	C402879	04-28-03	100.1	100.0	99.9
KUE	SCHLUMBERGER	J5S	C402880	04-28-03	100.1	99.8	100.2
KUE	SCHLUMBERGER	J5S	C402881	04-28-03	100.0	99.9	99.9
KUE	SCHLUMBERGER	J5S	C402882	04-28-03	100.1	99.6	99.5
KUE	SCHLUMBERGER	J5S	C402883	04-28-03	100.1	99.8	100.2
KUE	SCHLUMBERGER	J5S	C402884	04-28-03	100.1	99.7	100.2
KUE	SCHLUMBERGER	J5S	C402885	04-28-03	100.2	100.1	100.2
KUE	SCHLUMBERGER	J5S	C402886	04-28-03	100.2	99.8	99.8
KUE	SCHLUMBERGER	J5S	C402887	04-28-03	100.1	100.0	100.1
KUE	SCHLUMBERGER	J5S	C402888	04-28-03	100.1	100.0	99.8
KUE	SCHLUMBERGER	J5S	C402889	04-28-03	99.8	99.9	99.8
KUE	SCHLUMBERGER	J5S	C402890	04-28-03	100.0	99.9	99.9
KUE	SCHLUMBERGER	J5S	C402891	04-28-03	100.3	100.3	99.4
KUE	SCHLUMBERGER	J5S	C402892	04-28-03	100.0	99.7	99.6
KUE	SCHLUMBERGER	J5S	C402893	04-28-03	100.0	99.9	99.8
KUE	SCHLUMBERGER	J5S	C402894	04-28-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	J5S	C402895	04-28-03	100.0	99.8	99.9
KUE	SCHLUMBERGER	J5S	C402896	04-28-03	99.9	99.9	99.8
KUE	SCHLUMBERGER	J5S	C402897	04-28-03	100.0	100.1	99.6
KUE	SCHLUMBERGER	J5S	C402898	04-28-03	100.2	100.0	100.3
KUE	SCHLUMBERGER	J5S	C402899	04-28-03	100.1	100.1	100.3
KUE	SCHLUMBERGER	J5S	C402900	04-28-03	100.2	99.9	100.1
KUE	SCHLUMBERGER	J5S	C402901	04-28-03	99.9	99.9	99.5
KUE	SCHLUMBERGER	J5S	C402902	04-28-03	100.0	99.9	99.8
KUE	SCHLUMBERGER	J5S	C402903	04-28-03	99.9	99.8	100.2
KUE	SCHLUMBERGER	J5S	C402904	04-28-03	99.9	99.9	100.2
KUE	SCHLUMBERGER	J5S	C402905	04-28-03	99.9	100.0	99.7
KUE	SCHLUMBERGER	J5S	C402906	04-28-03	100.0	99.9	99.6
KUE	SCHLUMBERGER	J5S	C402907	04-28-03	99.9	100.4	99.7
KUE	SCHLUMBERGER	J5S	C402908	04-28-03	100.0	100.0	99.7
KUE	SCHLUMBERGER	J5S	C402909	04-28-03	100.1	99.8	99.7
KUE	SCHLUMBERGER	J5S	C402910	04-28-03	100.1	99.9	100.2
KUE	SCHLUMBERGER	J5S	C402911	04-28-03	100.1	100.0	99.8
KUE	SCHLUMBERGER	J5S	C402912	04-28-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	J5S	C402913	04-28-03	100.0	100.0	99.3

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KUE	SCHLUMBERGER	J55	C402914	04-28-03	100.1	99.7	99.8
KUE	SCHLUMBERGER	J55	C402915	04-28-03	100.1	100.3	100.5
KUE	SCHLUMBERGER	J55	C402916	04-28-03	100.0	99.8	100.0
KUE	SCHLUMBERGER	J55	C402917	04-28-03	100.0	99.6	99.6
KUE	SCHLUMBERGER	J55	C402918	04-28-03	100.0	99.6	99.9
KUE	SCHLUMBERGER	J55	C402919	04-28-03	100.0	99.6	99.7
KUE	SCHLUMBERGER	J55	C402920	04-28-03	100.1	99.8	99.5
KUE	SCHLUMBERGER	J55	C402921	04-28-03	100.1	99.7	100.3
KUE	SCHLUMBERGER	J55	C402922	04-28-03	100.3	100.3	100.2
KUE	SCHLUMBERGER	J55	C402923	04-28-03	100.0	99.8	100.4
KUE	SCHLUMBERGER	J55	C402924	04-28-03	100.0	99.8	100.0
KUE	SCHLUMBERGER	J55	C402925	04-28-03	100.0	99.6	100.2
KUE	SCHLUMBERGER	J55	C402926	04-28-03	100.0	99.8	100.0
KUE	SCHLUMBERGER	J55	C402927	04-28-03	100.1	99.8	100.4
KUE	SCHLUMBERGER	J55	C402928	04-28-03	100.1	100.0	100.0
KUE	SCHLUMBERGER	J55	C402929	04-28-03	100.1	99.9	99.9
KUE	SCHLUMBERGER	J55	C402930	04-28-03	100.2	100.0	100.0
KUE	SCHLUMBERGER	J55	C402931	04-28-03	100.2	100.1	100.1
KUE	SCHLUMBERGER	J55	C402932	04-28-03	100.1	100.0	100.1
KUE	SCHLUMBERGER	J55	C402933	04-28-03	99.9	99.7	100.1
KUE	SCHLUMBERGER	J55	C402934	04-28-03	99.9	99.6	99.4
KUE	SCHLUMBERGER	J55	C402935	04-28-03	100.0	100.0	99.8
KUE	SCHLUMBERGER	J55	C402936	04-28-03	100.1	99.9	99.8
KUE	SCHLUMBERGER	J55	C402937	04-28-03	100.1	100.0	100.3
KUE	SCHLUMBERGER	J55	C402938	04-28-03	100.1	100.0	100.0
KUE	SCHLUMBERGER	J55	C402939	04-28-03	100.1	100.1	100.1
KUE	SCHLUMBERGER	J55	C402940	04-28-03	100.0	100.0	99.6
KUE	SCHLUMBERGER	J55	C402941	04-28-03	100.1	99.9	100.0
KUE	SCHLUMBERGER	J55	C402942	04-28-03	100.0	100.0	99.8
KUE	SCHLUMBERGER	J55	C402943	04-28-03	100.0	99.8	99.8
KUE	SCHLUMBERGER	J55	C402944	04-28-03	100.1	99.9	99.9
KUE	SCHLUMBERGER	J55	C402945	04-28-03	100.3	99.9	99.9
KUE	SCHLUMBERGER	J55	C402946	04-28-03	100.0	100.0	99.7
KUE	SCHLUMBERGER	J55	C402947	04-28-03	100.0	99.8	100.2
KUE	SCHLUMBERGER	J55	C402948	04-28-03	100.0	99.8	99.8
KUE	SCHLUMBERGER	J55	C402949	04-28-03	100.1	100.1	99.8
KUE	SCHLUMBERGER	J55	C402950	04-28-03	100.3	99.9	100.2
KUE	SCHLUMBERGER	J55	C402951	04-28-03	100.3	99.9	100.2
KUE	SCHLUMBERGER	J55	C402952	04-28-03	100.0	99.7	99.9
KUE	SCHLUMBERGER	J55	C402953	04-28-03	100.0	99.8	99.6
KUE	SCHLUMBERGER	J55	C402954	04-28-03	99.9	99.7	99.4
KUE	SCHLUMBERGER	J55	C402955	04-28-03	100.0	99.7	99.8
KUE	SCHLUMBERGER	J55	C402956	04-28-03	100.0	100.0	99.8
KUE	SCHLUMBERGER	J55	C402957	04-28-03	99.9	99.9	100.2
KUE	SCHLUMBERGER	J55	C402958	04-28-03	100.0	99.9	99.6
KUE	SCHLUMBERGER	J55	C402959	04-28-03	100.0	99.8	99.7
KUE	SCHLUMBERGER	J55	C402960	04-28-03	100.1	100.1	100.0
KUE	SCHLUMBERGER	J55	C402961	04-28-03	100.0	99.7	100.0
KUE	SCHLUMBERGER	J55	C402962	04-28-03	100.0	99.8	100.3
KUE	SCHLUMBERGER	J55	C402963	04-28-03	100.1	99.7	99.7
KUE	SCHLUMBERGER	J55	C402964	04-28-03	100.0	99.8	99.8

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KUE	SCHLUMBERGER	J5S	C402965	04-28-03	100.1	99.9	99.7
KUE	SCHLUMBERGER	J5S	C402966	04-28-03	100.2	99.9	99.9
KUE	SCHLUMBERGER	J5S	C402967	04-28-03	100.0	100.1	100.0
KUE	SCHLUMBERGER	J5S	C402968	04-28-03	100.1	100.0	100.1
KUE	SCHLUMBERGER	J5S	C402969	04-28-03	100.1	99.9	100.0
KUE	SCHLUMBERGER	J5S	C402970	04-28-03	99.9	99.8	99.9
KUE	SCHLUMBERGER	J5S	C402971	04-28-03	100.1	99.9	100.2
KUE	SCHLUMBERGER	J5S	C402972	04-28-03	100.1	99.8	99.7
KUE	SCHLUMBERGER	J5S	C402973	04-28-03	100.1	99.9	99.5
KUE	SCHLUMBERGER	J5S	C402974	04-28-03	100.0	99.9	100.2
KUE	SCHLUMBERGER	J5S	C402975	04-28-03	100.1	99.7	100.2
KUE	SCHLUMBERGER	J5S	C402976	04-28-03	100.1	99.8	100.2
KUE	SCHLUMBERGER	J5S	C402977	04-28-03	99.9	99.9	99.7
KUE	SCHLUMBERGER	J5S	C402978	04-28-03	100.2	99.9	100.1
KUE	SCHLUMBERGER	J5S	C402979	04-28-03	99.9	100.1	99.9
KUE	SCHLUMBERGER	J5S	C402980	04-28-03	100.1	99.8	100.0
KUE	SCHLUMBERGER	J5S	C402981	04-28-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	J5S	C402982	04-28-03	100.1	99.9	99.5
KUE	SCHLUMBERGER	J5S	C402983	04-28-03	100.1	99.8	100.0
KUE	SCHLUMBERGER	J5S	C402984	04-28-03	99.9	99.9	99.6
KUE	SCHLUMBERGER	J5S	C402985	04-28-03	99.9	99.7	99.9
KUE	SCHLUMBERGER	J5S	C402986	04-28-03	99.9	99.8	99.6
KUE	SCHLUMBERGER	J5S	C402987	04-28-03	100.3	100.0	99.9
KUE	SCHLUMBERGER	J5S	C402988	04-28-03	100.1	99.9	100.4
KUE	SCHLUMBERGER	J5S	C402989	04-28-03	100.1	100.0	100.1
KUE	SCHLUMBERGER	J5S	C402990	04-28-03	100.2	100.0	99.9
KUE	SCHLUMBERGER	J5S	C402991	04-28-03	100.3	100.0	100.4
KUE	SCHLUMBERGER	J5S	C402992	04-28-03	100.0	99.7	100.0
KUE	SCHLUMBERGER	J5S	C402993	04-28-03	100.1	100.2	100.2
KUE	SCHLUMBERGER	J5S	C402994	04-28-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	J5S	C402995	04-28-03	100.1	100.0	99.8
KUE	SCHLUMBERGER	J5S	C402996	04-28-03	100.2	99.8	100.2
KUE	SCHLUMBERGER	J5S	C402997	04-28-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	J5S	C402998	04-28-03	100.1	99.9	100.1
KUE	SCHLUMBERGER	J5S	C402999	04-28-03	100.3	99.9	100.1
KUE	SCHLUMBERGER	J5S	C403000	04-28-03	100.0	99.8	99.7
KUE	SCHLUMBERGER	J5S	C403001	04-28-03	99.8	99.7	99.9
KUE	SCHLUMBERGER	J5S	C403002	04-28-03	100.0	99.8	99.7
KUE	SCHLUMBERGER	J5S	C403003	04-28-03	100.2	100.0	99.9
KUE	SCHLUMBERGER	J5S	C403004	04-28-03	100.2	100.0	100.2
KUE	SCHLUMBERGER	J5S	C403005	04-28-03	99.9	99.7	99.8
KUE	SCHLUMBERGER	J5S	C403006	04-28-03	100.0	100.0	99.8
KUE	SCHLUMBERGER	J5S	C403007	04-28-03	100.0	99.9	99.7
KUE	SCHLUMBERGER	J5S	C403008	04-28-03	100.1	99.9	100.1
KUE	SCHLUMBERGER	J5S	C403009	04-28-03	99.9	99.8	100.0
KUE	SCHLUMBERGER	J5S	C403010	04-28-03	100.0	99.8	99.5
KUE	SCHLUMBERGER	J5S	C403011	04-28-03	100.1	99.9	99.7
KUE	SCHLUMBERGER	J5S	C403012	04-28-03	99.9	99.9	99.6
KUE	SCHLUMBERGER	J5S	C403013	04-28-03	100.0	99.8	99.3
KUE	SCHLUMBERGER	J5S	C403014	04-28-03	99.9	99.9	99.8
KUE	SCHLUMBERGER	J5S	C403015	04-28-03	99.9	99.7	99.7



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KUE	SCHLUMBERGER	J55	C403016	04-28-03	100.1	100.0	100.0
KUE	SCHLUMBERGER	J55	C403017	04-28-03	99.8	99.7	99.8
KUE	SCHLUMBERGER	J55	C403018	04-28-03	100.0	99.9	99.7
KUE	SCHLUMBERGER	J55	C403019	04-28-03	100.0	99.7	99.5
KUE	SCHLUMBERGER	J55	C403020	04-28-03	100.2	100.1	100.0
KUE	SCHLUMBERGER	J55	C403021	04-28-03	100.1	99.8	100.2
KUE	SCHLUMBERGER	J55	C403022	04-28-03	100.1	99.9	99.8
KUE	SCHLUMBERGER	J55	C403023	04-28-03	100.0	100.2	100.0
KUE	SCHLUMBERGER	J55	C403024	04-28-03	100.0	99.9	100.3
KUE	SCHLUMBERGER	J55	C403025	04-28-03	100.0	99.9	100.3
KUE	SCHLUMBERGER	J55	C403026	04-28-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	J55	C403027	04-28-03	100.0	99.6	99.5
KUE	SCHLUMBERGER	J55	C403028	04-28-03	100.0	99.8	100.2
KUE	SCHLUMBERGER	J55	C403029	04-28-03	100.0	100.4	100.0
KUE	SCHLUMBERGER	J55	C403030	04-28-03	100.0	99.9	99.8
KUE	SCHLUMBERGER	J55	C403031	04-28-03	100.1	99.7	99.9
KUE	SCHLUMBERGER	J55	C403032	04-28-03	100.0	99.8	99.6
KUE	SCHLUMBERGER	J55	C403033	04-28-03	100.1	99.8	100.0
KUE	SCHLUMBERGER	J55	C403034	04-28-03	99.9	99.7	99.7
KUE	SCHLUMBERGER	J55	C403035	04-28-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	J55	C403036	04-28-03	100.1	99.9	100.2
KUE	SCHLUMBERGER	J55	C403037	04-28-03	99.9	99.7	99.9
KUE	SCHLUMBERGER	J55	C403038	04-28-03	100.0	99.8	100.0
KUE	SCHLUMBERGER	J55	C403039	04-28-03	100.0	99.8	100.3
KUE	SCHLUMBERGER	J55	C403040	04-28-03	100.1	99.9	99.9
KUE	SCHLUMBERGER	J55	C403041	04-28-03	100.0	99.8	100.2
KUE	SCHLUMBERGER	J55	C403042	04-28-03	99.9	99.8	100.2
KUE	SCHLUMBERGER	J55	C403043	04-28-03	100.0	99.7	99.5
KUE	SCHLUMBERGER	J55	C403044	04-28-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	J55	C403045	04-28-03	100.0	99.8	100.0
KUE	SCHLUMBERGER	J55	C403046	04-28-03	100.1	99.8	99.7
KUE	SCHLUMBERGER	J55	C403047	04-28-03	100.0	99.6	99.6
KUE	SCHLUMBERGER	J55	C403048	04-28-03	100.2	100.1	100.1
KUE	SCHLUMBERGER	J55	C403049	04-28-03	100.2	100.1	100.2
KUE	SCHLUMBERGER	J55	C403050	04-28-03	100.0	99.7	100.0
KUE	SCHLUMBERGER	J55	C403051	04-28-03	100.1	99.7	99.8
KUE	SCHLUMBERGER	J55	C403052	04-28-03	100.2	100.1	100.4
KUE	SCHLUMBERGER	J55	C403053	04-28-03	100.0	99.8	99.8
KUE	SCHLUMBERGER	J55	C403054	04-28-03	100.2	100.0	99.9
KUE	SCHLUMBERGER	J55	C403055	04-28-03	99.9	99.6	99.7
KUE	SCHLUMBERGER	J55	C403056	04-28-03	100.1	99.9	99.9
KUE	SCHLUMBERGER	J55	C403057	04-28-03	100.1	99.9	100.0
KUE	SCHLUMBERGER	J55	C403058	04-28-03	100.0	99.7	100.0
KUE	SCHLUMBERGER	J55	C403059	04-28-03	100.0	99.7	99.9
KUE	SCHLUMBERGER	J55	C403060	04-28-03	100.1	99.8	100.0
KUE	SCHLUMBERGER	J55	C403061	04-28-03	99.9	99.6	99.6
KUE	SCHLUMBERGER	J55	C403062	04-28-03	100.3	100.2	100.4
KUE	SCHLUMBERGER	J55	C403063	04-28-03	99.9	99.8	100.0
KUE	SCHLUMBERGER	J55	C403064	04-28-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	J55	C403065	04-28-03	100.0	99.9	99.8
KUE	SCHLUMBERGER	J55	C403066	04-28-03	100.1	100.0	99.6

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KUE	SCHLUMBERGER	J55	C403067	04-28-03	100.2	99.8	100.1
KUE	SCHLUMBERGER	J55	C403068	04-28-03	100.0	99.7	99.9
KUE	SCHLUMBERGER	J55	C403069	04-28-03	100.1	100.0	100.0
KUE	SCHLUMBERGER	J55	C403070	04-28-03	100.0	99.9	99.8
KUE	SCHLUMBERGER	J55	C403071	04-28-03	100.1	99.8	100.2
KUE	SCHLUMBERGER	J55	C403072	04-28-03	100.1	99.9	100.0
KUE	SCHLUMBERGER	J55	C403073	04-28-03	100.1	99.9	100.2
KUE	SCHLUMBERGER	J55	C403074	04-28-03	100.0	99.9	99.7
KUE	SCHLUMBERGER	J55	C403075	04-28-03	100.1	100.1	99.6
KUE	SCHLUMBERGER	J55	C403076	04-28-03	100.1	99.8	99.9
KUE	SCHLUMBERGER	J55	C403077	04-28-03	99.9	99.9	99.8
KUE	SCHLUMBERGER	J55	C403078	04-28-03	99.9	99.8	100.0
KUE	SCHLUMBERGER	J55	C403079	04-28-03	100.1	100.0	100.4
KUE	SCHLUMBERGER	J55	C403080	04-28-03	99.8	99.7	100.0
KUE	SCHLUMBERGER	J55	C403081	04-28-03	100.1	100.2	100.2
KUE	SCHLUMBERGER	J55	C403082	04-28-03	100.1	99.9	99.9
KUE	SCHLUMBERGER	J55	C403083	04-28-03	100.0	99.8	99.7
KUE	SCHLUMBERGER	J55	C403084	04-28-03	100.1	100.1	99.7
KUE	SCHLUMBERGER	J55	C403085	04-28-03	100.3	100.1	100.2
KUE	SCHLUMBERGER	J55	C403086	04-28-03	100.0	99.7	99.3
KUE	SCHLUMBERGER	J55	C403087	04-28-03	100.0	99.8	99.7
KUE	SCHLUMBERGER	J55	C403088	04-28-03	99.9	99.7	99.5
KUE	SCHLUMBERGER	J55	C403089	04-28-03	100.0	99.9	99.8
KUE	SCHLUMBERGER	J55	C403090	04-28-03	99.8	99.9	99.6
KUE	SCHLUMBERGER	J55	C403091	04-28-03	99.9	99.7	99.4
KUE	SCHLUMBERGER	J55	C403092	04-28-03	100.0	99.9	100.2
KUE	SCHLUMBERGER	J55	C403093	04-28-03	99.9	99.9	99.8
KUE	SCHLUMBERGER	J55	C403094	04-28-03	99.9	99.6	99.8
KUE	SCHLUMBERGER	J55	C403095	04-28-03	99.9	99.7	99.8
KUE	SCHLUMBERGER	J55	C403096	04-28-03	100.1	99.9	100.2
KUE	SCHLUMBERGER	J55	C403097	04-28-03	100.1	99.9	100.0
KUE	SCHLUMBERGER	J55	C403098	04-28-03	100.1	99.9	99.7
KUE	SCHLUMBERGER	J55	C403099	04-28-03	100.0	100.1	99.7
KUE	SCHLUMBERGER	J55	C403100	04-28-03	99.8	99.8	100.0
KUE	SCHLUMBERGER	J55	C403101	04-28-03	100.1	100.1	100.0
KUE	SCHLUMBERGER	J55	C403102	04-28-03	100.0	99.8	99.7
KUE	SCHLUMBERGER	J55	C403103	04-28-03	100.1	99.9	100.0
KUE	SCHLUMBERGER	J55	C403104	04-28-03	100.1	99.8	99.9
KUE	SCHLUMBERGER	J55	C403105	04-28-03	100.2	100.0	99.8
KUE	SCHLUMBERGER	J55	C403106	04-28-03	100.0	99.7	99.9
KUE	SCHLUMBERGER	J55	C403107	04-28-03	100.0	99.7	99.6
KUE	SCHLUMBERGER	J55	C403108	04-28-03	99.9	100.0	99.9
KUE	SCHLUMBERGER	J55	C403109	04-28-03	100.0	99.7	99.7
KUE	SCHLUMBERGER	J55	C403110	04-28-03	99.9	99.9	99.7
KUE	SCHLUMBERGER	J55	C403111	04-28-03	100.1	99.9	99.9
KUE	SCHLUMBERGER	J55	C403112	04-28-03	100.0	100.2	99.3
KUE	SCHLUMBERGER	J55	C403113	04-28-03	99.9	99.9	99.7
KUE	SCHLUMBERGER	J55	C403114	04-28-03	99.9	99.9	99.4
KUE	SCHLUMBERGER	J55	C403115	04-28-03	100.2	100.2	100.2
KUE	SCHLUMBERGER	J55	C403116	04-28-03	99.9	100.4	99.3
KUE	SCHLUMBERGER	J55	C403117	04-28-03	99.9	99.8	99.8

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KUE	SCHLUMBERGER	J5S	C403118	04-28-03	100.1	100.2	99.9
KUE	SCHLUMBERGER	J5S	C403119	04-28-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	J5S	C403120	04-28-03	100.1	100.0	99.8
KUE	SCHLUMBERGER	J5S	C403121	04-28-03	100.1	99.9	99.8
KUE	SCHLUMBERGER	J5S	C403122	04-28-03	100.0	99.8	99.5
KUE	SCHLUMBERGER	J5S	C403123	04-28-03	100.1	99.8	99.8
KUE	SCHLUMBERGER	J5S	C403124	04-28-03	100.1	99.9	99.8
KUE	SCHLUMBERGER	J5S	C403125	04-28-03	100.1	100.1	100.2
KUE	SCHLUMBERGER	J5S	C403126	04-28-03	100.1	99.8	100.0
KUE	SCHLUMBERGER	J5S	C403127	04-28-03	100.3	100.2	100.0
KUE	SCHLUMBERGER	J5S	C403128	04-28-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	J5S	C403129	04-28-03	100.1	99.7	99.7
KUE	SCHLUMBERGER	J5S	C403130	04-28-03	100.0	99.8	100.2
KUE	SCHLUMBERGER	J5S	C403131	04-28-03	99.9	99.9	100.1
KUE	SCHLUMBERGER	J5S	C403132	04-28-03	100.1	100.0	100.0
KUE	SCHLUMBERGER	J5S	C403133	04-28-03	100.0	99.8	99.8
KUE	SCHLUMBERGER	J5S	C403134	04-28-03	100.0	100.1	99.5
KUE	SCHLUMBERGER	J5S	C403135	04-28-03	100.1	99.9	100.3
KUE	SCHLUMBERGER	J5S	C403136	04-28-03	100.3	99.9	100.3
KUE	SCHLUMBERGER	J5S	C403137	04-28-03	100.2	99.9	99.9
KUE	SCHLUMBERGER	J5S	C403138	04-28-03	100.0	99.9	99.9
KUE	SCHLUMBERGER	J5S	C403139	04-28-03	100.0	99.9	99.9
KUE	SCHLUMBERGER	J5S	C403140	04-28-03	100.0	100.2	99.8
KUE	SCHLUMBERGER	J5S	C403141	04-28-03	100.1	99.9	100.2
KUE	SCHLUMBERGER	J5S	C403142	04-28-03	100.0	99.8	99.9
KUE	SCHLUMBERGER	J5S	C403143	04-28-03	100.1	99.8	100.1
KUE	SCHLUMBERGER	J5S	C403144	04-28-03	100.1	99.9	99.8
KUE	SCHLUMBERGER	J5S	C403145	04-28-03	100.1	100.1	100.3
KUE	SCHLUMBERGER	J5S	C403146	04-28-03	99.9	99.7	99.7
KUE	SCHLUMBERGER	J5S	C403147	04-28-03	100.0	99.8	100.0
KUE	SCHLUMBERGER	J5S	C403148	04-28-03	100.2	99.9	100.3
KUE	SCHLUMBERGER	J5S	C403149	04-28-03	100.1	99.8	100.0
KUE	SCHLUMBERGER	J5S	C403150	04-28-03	100.1	100.0	100.3
KUE	SCHLUMBERGER	J5S	C403151	04-28-03	100.0	99.9	100.2
KUE	SCHLUMBERGER	J5S	C403152	04-28-03	100.1	100.1	99.5
KUE	SCHLUMBERGER	J5S	C403153	04-28-03	100.1	99.9	100.2
KUE	SCHLUMBERGER	J5S	C403154	04-28-03	99.9	99.8	100.1
KUE	SCHLUMBERGER	J5S	C403155	04-28-03	99.9	100.1	99.4
KUE	SCHLUMBERGER	J5S	C403156	04-28-03	100.1	99.9	100.3
KUE	SCHLUMBERGER	J5S	C403157	04-28-03	100.1	99.8	100.0
KUE	SCHLUMBERGER	J5S	C403158	04-28-03	100.1	100.0	99.5
KUE	SCHLUMBERGER	J5S	C403159	04-28-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	J5S	C403160	04-28-03	99.9	99.8	100.2
KUE	SCHLUMBERGER	J5S	C403161	04-28-03	100.0	100.0	100.3
KUE	SCHLUMBERGER	J5S	C403162	04-28-03	100.0	99.9	99.8
KUE	SCHLUMBERGER	J5S	C403163	04-28-03	100.2	100.0	100.4
KUE	SCHLUMBERGER	J5S	C403164	04-28-03	100.0	100.1	99.9
KUE	SCHLUMBERGER	J5S	C403165	04-28-03	100.0	100.4	99.8
KUE	SCHLUMBERGER	J5S	C403166	04-28-03	99.9	99.8	99.8
KUE	SCHLUMBERGER	J5S	C403167	04-28-03	100.2	99.8	99.9
KUE	SCHLUMBERGER	J5S	C403168	04-28-03	100.0	99.9	100.1

KENTUCKY UTILITIES / OLD DOMINION POWER COMPANY  
 MANUFACTURER TESTS ADDED LAST YEAR  
 REPORT NO. MD8880

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 RUN DATE: 2/24/04  
 RUN TIME: 16.07.13

CO	MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACTOR
KUE	SCHLUMBERGER	J55	C403169	04-28-03	100.1	99.9	100.4
KUE	SCHLUMBERGER	J55	C403170	04-28-03	100.2	99.9	100.4
KUE	SCHLUMBERGER	J55	C403171	04-28-03	100.1	100.0	100.0
KUE	SCHLUMBERGER	J55	C403172	04-28-03	100.0	99.9	100.4
KUE	SCHLUMBERGER	J55	C403173	04-28-03	100.0	99.7	99.8
KUE	SCHLUMBERGER	J55	C403174	04-28-03	99.9	99.7	99.4
KUE	SCHLUMBERGER	J55	C403175	04-28-03	100.1	99.8	99.7
KUE	SCHLUMBERGER	J55	C403176	04-28-03	100.0	100.3	99.6
KUE	SCHLUMBERGER	J55	C403177	04-28-03	100.0	99.9	99.7
KUE	SCHLUMBERGER	J55	C403178	04-28-03	100.2	100.1	99.9
KUE	SCHLUMBERGER	J55	C403179	04-28-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	J55	C403180	04-28-03	100.0	99.9	100.3
KUE	SCHLUMBERGER	J55	C403181	04-28-03	100.2	99.9	100.0
KUE	SCHLUMBERGER	J55	C403182	04-28-03	99.9	99.6	99.7
KUE	SCHLUMBERGER	J55	C403183	04-28-03	99.9	99.6	99.7
KUE	SCHLUMBERGER	J55	C403184	04-28-03	100.1	99.8	99.9
KUE	SCHLUMBERGER	J55	C403185	04-28-03	99.9	99.8	99.9
KUE	SCHLUMBERGER	J55	C403186	04-28-03	99.9	100.0	99.9
KUE	SCHLUMBERGER	J55	C403187	04-28-03	99.9	100.3	99.3
KUE	SCHLUMBERGER	J55	C403188	04-28-03	100.3	99.7	100.1
KUE	SCHLUMBERGER	J55	C403189	04-28-03	100.0	100.0	99.7
KUE	SCHLUMBERGER	J55	C403190	04-28-03	100.1	99.8	100.0
KUE	SCHLUMBERGER	J55	C403191	04-28-03	100.0	99.8	100.0
KUE	SCHLUMBERGER	J55	C403192	04-28-03	100.1	99.8	100.3
KUE	SCHLUMBERGER	J55	C403193	04-28-03	100.1	99.8	100.3
KUE	SCHLUMBERGER	J55	C403194	04-28-03	100.2	99.8	99.9
KUE	SCHLUMBERGER	J55	C403195	04-28-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	J55	C403196	04-28-03	100.1	99.9	99.6
KUE	SCHLUMBERGER	J55	C403197	04-28-03	100.0	99.9	99.6
KUE	SCHLUMBERGER	J55	C403198	04-28-03	99.9	99.7	99.4
KUE	SCHLUMBERGER	J55	C403199	04-28-03	100.1	99.8	99.9
KUE	SCHLUMBERGER	J55	C403200	04-28-03	99.9	99.7	99.8
KUE	SCHLUMBERGER	J55	C403201	04-28-03	100.0	99.7	99.8
KUE	SCHLUMBERGER	J55	C403202	04-28-03	100.2	100.1	100.0
KUE	SCHLUMBERGER	J55	C403203	04-28-03	100.2	99.8	100.4
KUE	SCHLUMBERGER	J55	C403204	04-28-03	100.1	99.9	99.9
KUE	SCHLUMBERGER	J55	C403205	04-28-03	100.1	99.8	100.1
KUE	SCHLUMBERGER	J55	C403206	04-28-03	100.2	99.8	100.3
KUE	SCHLUMBERGER	J55	C403207	04-28-03	100.1	99.8	100.3
KUE	SCHLUMBERGER	J55	C403208	04-28-03	100.0	100.0	99.4
KUE	SCHLUMBERGER	J55	C403209	04-28-03	100.3	100.3	100.3
KUE	SCHLUMBERGER	J55	C403210	04-28-03	100.0	100.3	100.3
KUE	SCHLUMBERGER	J55	C403211	04-28-03	100.3	100.2	99.7
KUE	SCHLUMBERGER	J55	C403212	04-28-03	100.1	100.1	99.9
KUE	SCHLUMBERGER	J55	C403213	04-28-03	100.1	99.7	100.1
KUE	SCHLUMBERGER	J55	C403214	04-28-03	99.9	99.6	99.6
KUE	SCHLUMBERGER	J55	C403215	04-28-03	100.1	100.0	100.3
KUE	SCHLUMBERGER	J55	C403216	04-28-03	100.0	99.8	100.1
KUE	SCHLUMBERGER	J55	C403217	04-28-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	J55	C403218	04-28-03	100.1	99.9	100.4
KUE	SCHLUMBERGER	J55	C403219	04-28-03	100.0	99.7	100.2

CO	MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACTOR
KUE	SCHLUMBERGER	J55	C403220	04-28-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	J55	C403221	04-28-03	100.0	100.0	100.2
KUE	SCHLUMBERGER	J55	C403222	04-28-03	100.0	99.8	100.0
KUE	SCHLUMBERGER	J55	C403223	04-28-03	100.0	100.1	99.9
KUE	SCHLUMBERGER	J55	C403224	04-28-03	100.1	99.9	99.9
KUE	SCHLUMBERGER	J55	C403225	04-28-03	100.3	100.1	100.3
KUE	SCHLUMBERGER	J55	C403226	04-28-03	100.0	99.9	100.4
KUE	SCHLUMBERGER	J55	C403227	04-28-03	100.0	99.7	99.9
KUE	SCHLUMBERGER	J55	C403228	04-28-03	100.0	100.0	99.5
KUE	SCHLUMBERGER	J55	C403229	04-28-03	100.0	99.6	100.2
KUE	SCHLUMBERGER	J55	C403230	04-28-03	100.0	99.7	100.5
KUE	SCHLUMBERGER	J55	C403231	04-28-03	100.1	99.8	100.1
KUE	SCHLUMBERGER	J55	C403232	04-28-03	100.1	100.0	99.8
KUE	SCHLUMBERGER	J55	C403233	04-28-03	100.0	99.7	100.0
KUE	SCHLUMBERGER	J55	C403234	04-28-03	100.0	100.1	99.7
KUE	SCHLUMBERGER	J55	C403235	04-28-03	100.0	99.8	100.5
KUE	SCHLUMBERGER	J55	C403236	04-28-03	100.3	100.1	99.9
KUE	SCHLUMBERGER	J55	C403237	04-28-03	100.0	99.9	99.8
KUE	SCHLUMBERGER	J55	C403238	04-28-03	100.0	100.3	100.4
KUE	SCHLUMBERGER	J55	C403239	04-28-03	100.1	99.6	100.0
KUE	SCHLUMBERGER	J55	C403240	04-28-03	100.0	100.3	99.7
KUE	SCHLUMBERGER	J55	C403241	04-28-03	100.0	100.4	99.7
KUE	SCHLUMBERGER	J55	C403242	04-28-03	100.3	99.9	100.6
KUE	SCHLUMBERGER	J55	C403243	04-28-03	100.0	99.7	100.3
KUE	SCHLUMBERGER	J55	C403244	04-28-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	J55	C403245	04-28-03	100.1	99.9	100.4
KUE	SCHLUMBERGER	J55	C403246	04-28-03	100.1	99.8	100.2
KUE	SCHLUMBERGER	J55	C403247	04-28-03	100.1	99.9	100.1
KUE	SCHLUMBERGER	J55	C403248	04-28-03	100.0	99.7	99.9
KUE	SCHLUMBERGER	J55	C403249	04-28-03	100.1	99.9	99.7
KUE	SCHLUMBERGER	J55	C403250	04-28-03	100.1	100.3	100.1
KUE	SCHLUMBERGER	J55	C403251	04-28-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	J55	C403252	04-28-03	99.9	99.7	100.0
KUE	SCHLUMBERGER	J55	C403253	04-28-03	100.1	99.8	100.2
KUE	SCHLUMBERGER	J55	C403254	04-28-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	J55	C403255	04-28-03	100.2	100.3	99.7
KUE	SCHLUMBERGER	J55	C403256	04-28-03	99.9	99.9	100.3
KUE	SCHLUMBERGER	J55	C403257	04-28-03	100.1	99.8	100.0
KUE	SCHLUMBERGER	J55	C403258	04-28-03	99.9	99.8	99.7
KUE	SCHLUMBERGER	J55	C403259	04-28-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	J55	C403260	04-28-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	J55	C403261	04-28-03	99.9	99.6	100.0
KUE	SCHLUMBERGER	J55	C403262	04-28-03	100.0	99.9	99.8
KUE	SCHLUMBERGER	J55	C403263	04-28-03	99.9	99.7	99.6
KUE	SCHLUMBERGER	J55	C403264	04-28-03	99.9	99.7	99.7
KUE	SCHLUMBERGER	J55	C403265	04-28-03	100.1	100.1	100.0
KUE	SCHLUMBERGER	J55	C403266	04-28-03	100.0	99.8	100.0
KUE	SCHLUMBERGER	J55	C403267	04-28-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	J55	C403268	04-28-03	100.0	99.7	100.0
KUE	SCHLUMBERGER	J55	C403269	04-28-03	99.9	99.8	99.7
KUE	SCHLUMBERGER	J55	C403270	04-28-03	100.1	99.9	99.7

KENTUCKY UTILITIES / OLD DOMINION POWER COMPANY  
 MANUFACTURER TESTS ADDED LAST YEAR  
 REPORT NO. MD8880

CO	MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACTOR
KUE	SCHLUMBERGER	J5S	C403271	04-28-03	100.2	100.1	100.2
KUE	SCHLUMBERGER	J5S	C403272	04-28-03	100.1	99.8	99.8
KUE	SCHLUMBERGER	J5S	C403273	04-28-03	100.2	99.8	100.2
KUE	SCHLUMBERGER	J5S	C403274	04-28-03	100.2	100.1	99.9
KUE	SCHLUMBERGER	J5S	C403275	04-28-03	99.9	99.6	99.3
KUE	SCHLUMBERGER	J5S	C403276	04-28-03	100.2	99.9	99.9
KUE	SCHLUMBERGER	J5S	C403277	04-28-03	100.2	99.9	100.1
KUE	SCHLUMBERGER	J5S	C403278	04-28-03	100.0	100.0	99.8
KUE	SCHLUMBERGER	J5S	C403279	04-28-03	100.2	99.8	99.9
KUE	SCHLUMBERGER	J5S	C403280	04-28-03	100.1	100.0	100.4
KUE	SCHLUMBERGER	J5S	C403281	04-28-03	100.1	99.7	99.5
KUE	SCHLUMBERGER	J5S	C403282	04-28-03	100.0	99.9	99.9
KUE	SCHLUMBERGER	J5S	C403283	04-28-03	100.0	99.6	99.7
KUE	SCHLUMBERGER	J5S	C403284	04-28-03	100.2	100.0	100.2
KUE	SCHLUMBERGER	J5S	C403285	04-28-03	100.0	100.3	99.7
KUE	SCHLUMBERGER	J5S	C403286	04-28-03	100.2	100.2	99.7
KUE	SCHLUMBERGER	J5S	C403287	04-28-03	100.2	99.8	100.0
KUE	SCHLUMBERGER	J5S	C403288	04-28-03	100.2	100.2	100.3
KUE	SCHLUMBERGER	J5S	C403289	04-28-03	100.2	100.1	100.1
KUE	SCHLUMBERGER	J5S	C403290	04-28-03	100.0	100.0	99.7
KUE	SCHLUMBERGER	J5S	C403291	04-28-03	100.1	100.0	100.2
KUE	SCHLUMBERGER	J5S	C403292	04-28-03	100.1	99.8	99.8
KUE	SCHLUMBERGER	J5S	C403293	04-28-03	100.2	99.9	100.1
KUE	SCHLUMBERGER	J5S	C403294	04-28-03	99.9	99.6	100.2
KUE	SCHLUMBERGER	J5S	C403295	04-28-03	99.9	99.9	99.7
KUE	SCHLUMBERGER	J5S	C403296	04-28-03	100.1	99.8	100.2
KUE	SCHLUMBERGER	J5S	C403297	04-28-03	100.1	99.7	100.0
KUE	SCHLUMBERGER	J5S	C403298	04-28-03	100.0	99.8	99.8
KUE	SCHLUMBERGER	J5S	C403299	04-28-03	100.0	99.8	99.8
KUE	SCHLUMBERGER	J5S	C403300	04-28-03	100.1	100.1	100.4
KUE	SCHLUMBERGER	J5S	C403301	04-28-03	99.9	99.8	99.8
KUE	SCHLUMBERGER	J5S	C403302	04-28-03	99.9	99.8	99.7
KUE	SCHLUMBERGER	J5S	C403303	04-28-03	100.0	99.8	100.0
KUE	SCHLUMBERGER	J5S	C403304	04-28-03	100.1	99.7	100.4
KUE	SCHLUMBERGER	J5S	C403305	04-28-03	100.0	100.1	100.0
KUE	SCHLUMBERGER	J5S	C403306	04-28-03	100.1	99.8	99.3
KUE	SCHLUMBERGER	J5S	C403307	04-28-03	100.1	99.8	100.2
KUE	SCHLUMBERGER	J5S	C403308	04-28-03	100.0	99.7	99.8
KUE	SCHLUMBERGER	J5S	C403309	04-28-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	J5S	C403310	04-28-03	99.8	99.6	99.7
KUE	SCHLUMBERGER	J5S	C403311	04-28-03	100.1	100.0	100.1
KUE	SCHLUMBERGER	J5S	C403312	04-28-03	100.0	99.9	99.8
KUE	SCHLUMBERGER	J5S	C403313	04-28-03	100.1	100.1	100.1
KUE	SCHLUMBERGER	J5S	C403314	04-28-03	99.9	99.6	99.8
KUE	SCHLUMBERGER	J5S	C403315	04-28-03	100.0	99.6	100.2
KUE	SCHLUMBERGER	J5S	C403316	04-28-03	100.2	100.0	100.2
KUE	SCHLUMBERGER	J5S	C403317	04-28-03	100.2	99.9	99.8
KUE	SCHLUMBERGER	J5S	C403318	04-28-03	100.0	100.1	100.2
KUE	SCHLUMBERGER	J5S	C403319	04-28-03	100.1	99.9	99.9
KUE	SCHLUMBERGER	J5S	C403320	04-28-03	100.0	99.7	99.9
KUE	SCHLUMBERGER	J5S	C403321	04-28-03	100.0	99.7	99.6

CO	MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACTOR
KUE	SCHLUMBERGER	J55	C403322	04-28-03	100.1	99.9	100.2
KUE	SCHLUMBERGER	J55	C403323	04-28-03	99.8	99.9	99.7
KUE	SCHLUMBERGER	J55	C403324	04-28-03	100.0	99.7	100.0
KUE	SCHLUMBERGER	J55	C403325	04-28-03	100.3	100.2	99.6
KUE	SCHLUMBERGER	J55	C403326	04-28-03	100.0	99.9	99.6
KUE	SCHLUMBERGER	J55	C403327	04-28-03	99.8	100.0	99.3
KUE	SCHLUMBERGER	J55	C403328	04-28-03	99.9	99.8	99.9
KUE	SCHLUMBERGER	J55	C403329	04-28-03	99.9	99.7	99.5
KUE	SCHLUMBERGER	J55	C403330	04-28-03	100.1	99.9	100.1
KUE	SCHLUMBERGER	J55	C403331	04-28-03	100.1	99.9	100.2
KUE	SCHLUMBERGER	J55	C403332	04-28-03	100.0	99.8	100.2
KUE	SCHLUMBERGER	J55	C403333	04-28-03	100.0	99.8	99.7
KUE	SCHLUMBERGER	J55	C403334	04-28-03	100.2	99.9	99.9
KUE	SCHLUMBERGER	J55	C403335	04-28-03	100.0	99.9	99.7
KUE	SCHLUMBERGER	J55	C403336	04-28-03	100.3	100.0	100.4
KUE	SCHLUMBERGER	J55	C403337	04-28-03	100.0	99.8	100.0
KUE	SCHLUMBERGER	J55	C403338	04-28-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	J55	C403339	04-28-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	J55	C403340	04-28-03	100.0	100.0	99.8
KUE	SCHLUMBERGER	J55	C403341	04-28-03	100.1	99.7	100.2
KUE	SCHLUMBERGER	J55	C403342	04-28-03	99.9	99.7	99.6
KUE	SCHLUMBERGER	J55	C403343	04-28-03	100.1	99.7	100.0
KUE	SCHLUMBERGER	J55	C403344	04-28-03	100.0	99.9	99.6
KUE	SCHLUMBERGER	J55	C403345	04-28-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	J55	C403346	04-28-03	99.8	100.1	99.8
KUE	SCHLUMBERGER	J55	C403347	04-28-03	100.1	100.4	99.8
KUE	SCHLUMBERGER	J55	C403348	04-28-03	99.8	100.4	99.8
KUE	SCHLUMBERGER	J55	C403349	04-28-03	100.0	99.9	100.3
KUE	SCHLUMBERGER	J55	C403350	04-28-03	100.0	99.9	99.7
KUE	SCHLUMBERGER	J55	C403351	04-28-03	100.1	99.9	100.1
KUE	SCHLUMBERGER	J55	C403352	04-28-03	100.1	99.9	99.6
KUE	SCHLUMBERGER	J55	C403353	04-28-03	100.1	99.9	100.0
KUE	SCHLUMBERGER	J55	C403354	04-28-03	100.2	99.6	100.0
KUE	SCHLUMBERGER	J55	C403355	04-28-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	J55	C403356	04-28-03	100.0	99.6	99.7
KUE	SCHLUMBERGER	J55	C403357	04-28-03	100.1	99.9	99.7
KUE	SCHLUMBERGER	J55	C403358	04-28-03	99.9	99.8	99.7
KUE	SCHLUMBERGER	J55	C403359	04-28-03	100.0	100.3	99.9
KUE	SCHLUMBERGER	J55	C403360	04-28-03	100.0	99.7	99.9
KUE	SCHLUMBERGER	J55	C403361	04-28-03	100.1	99.8	99.9
KUE	SCHLUMBERGER	J55	C403362	04-28-03	100.0	100.0	99.9
KUE	SCHLUMBERGER	J55	C403363	04-28-03	100.1	100.0	100.2
KUE	SCHLUMBERGER	J55	C403364	04-28-03	100.0	99.8	99.7
KUE	SCHLUMBERGER	J55	C403365	04-28-03	100.0	99.8	99.7
KUE	SCHLUMBERGER	J55	C403366	04-28-03	100.0	99.8	100.2
KUE	SCHLUMBERGER	J55	C403367	04-28-03	100.0	99.6	99.8
KUE	SCHLUMBERGER	J55	C403368	04-28-03	99.9	99.9	99.6
KUE	SCHLUMBERGER	J55	C403369	04-28-03	100.1	100.0	100.2
KUE	SCHLUMBERGER	J55	C403370	04-28-03	100.1	99.6	100.0
KUE	SCHLUMBERGER	J55	C403371	04-28-03	100.0	99.8	99.8
KUE	SCHLUMBERGER	J55	C403372	04-28-03	100.3	99.8	99.5

KENTUCKY UTILITIES / OLD DOMINION POWER COMPANY  
 MANUFACTURER TESTS ADDED LAST YEAR  
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CO	MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACTOR
KUE	SCHLUMBERGER	J5S	C403373	04-28-03	100.0	99.7	100.0
KUE	SCHLUMBERGER	J5S	C403374	04-28-03	100.1	99.9	99.9
KUE	SCHLUMBERGER	J5S	C403375	04-28-03	100.1	99.9	99.6
KUE	SCHLUMBERGER	J5S	C403376	04-28-03	100.1	99.7	100.1
KUE	SCHLUMBERGER	J5S	C403377	04-28-03	100.0	100.1	99.7
KUE	SCHLUMBERGER	J5S	C403378	04-28-03	100.0	99.7	99.9
KUE	SCHLUMBERGER	J5S	C403379	04-28-03	99.9	100.0	99.8
KUE	SCHLUMBERGER	J5S	C403380	04-28-03	100.1	99.9	99.9
KUE	SCHLUMBERGER	J5S	C403381	04-28-03	100.1	99.8	100.3
KUE	SCHLUMBERGER	J5S	C403382	04-28-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	J5S	C403383	04-28-03	99.9	100.1	99.8
KUE	SCHLUMBERGER	J5S	C403384	04-28-03	100.0	99.8	99.8
KUE	SCHLUMBERGER	J5S	C403385	04-28-03	100.2	99.8	100.4
KUE	SCHLUMBERGER	J5S	C403386	04-28-03	99.8	99.8	99.5
KUE	SCHLUMBERGER	J5S	C403387	04-28-03	100.3	99.7	100.2
KUE	SCHLUMBERGER	J5S	C403388	04-28-03	100.1	99.9	99.8
KUE	SCHLUMBERGER	J5S	C403389	04-28-03	100.0	99.8	99.5
KUE	SCHLUMBERGER	J5S	C403390	04-28-03	100.0	99.8	99.6
KUE	SCHLUMBERGER	J5S	C403391	04-28-03	100.1	99.7	99.8
KUE	SCHLUMBERGER	J5S	C403392	04-28-03	100.1	99.8	100.0
KUE	SCHLUMBERGER	J5S	C403393	04-28-03	100.0	100.0	99.8
KUE	SCHLUMBERGER	J5S	C403394	04-28-03	100.0	99.8	100.1
KUE	SCHLUMBERGER	J5S	C403395	04-28-03	100.0	99.7	99.8
KUE	SCHLUMBERGER	J5S	C403396	04-28-03	100.2	100.1	100.3
KUE	SCHLUMBERGER	J5S	C403397	04-28-03	100.1	99.9	100.2
KUE	SCHLUMBERGER	J5S	C403398	04-28-03	99.9	99.7	99.8
KUE	SCHLUMBERGER	J5S	C403399	04-28-03	99.9	99.7	100.0
KUE	SCHLUMBERGER	J5S	C403400	04-28-03	100.2	100.2	100.5
KUE	SCHLUMBERGER	J5S	C403401	04-28-03	100.1	99.8	100.2
KUE	SCHLUMBERGER	J5S	C403402	04-28-03	100.1	99.8	100.3
KUE	SCHLUMBERGER	J5S	C403403	04-28-03	100.0	99.7	99.7
KUE	SCHLUMBERGER	J5S	C403404	04-28-03	100.2	99.9	100.0
KUE	SCHLUMBERGER	J5S	C403405	04-28-03	100.0	99.8	100.0
KUE	SCHLUMBERGER	J5S	C403406	04-28-03	100.0	99.8	99.9
KUE	SCHLUMBERGER	J5S	C403407	04-28-03	100.0	99.8	100.1
KUE	SCHLUMBERGER	J5S	C403408	04-28-03	100.3	100.1	100.3
KUE	SCHLUMBERGER	J5S	C403409	04-28-03	100.0	99.8	99.9
KUE	SCHLUMBERGER	J5S	C403410	04-28-03	100.2	99.8	99.8
KUE	SCHLUMBERGER	J5S	C403411	04-28-03	100.0	99.7	99.5
KUE	SCHLUMBERGER	J5S	C403412	04-28-03	100.1	99.9	100.0
KUE	SCHLUMBERGER	J5S	C403413	04-28-03	100.0	99.8	100.0
KUE	SCHLUMBERGER	J5S	C403414	04-28-03	99.9	99.7	99.7
KUE	SCHLUMBERGER	J5S	C403415	04-28-03	100.1	99.9	100.3
KUE	SCHLUMBERGER	J5S	C403416	04-28-03	100.1	99.8	100.3
KUE	SCHLUMBERGER	J5S	C403417	04-28-03	100.0	100.1	99.9
KUE	SCHLUMBERGER	J5S	C403418	04-28-03	100.0	100.1	99.9
KUE	SCHLUMBERGER	J5S	C403419	04-28-03	100.0	99.8	99.8
KUE	SCHLUMBERGER	J5S	C403420	04-28-03	100.0	99.7	99.9
KUE	SCHLUMBERGER	J5S	C403421	04-28-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	J5S	C403422	04-28-03	100.0	99.8	100.3
KUE	SCHLUMBERGER	J5S	C403423	04-28-03	100.0	100.2	100.0



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CO	MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACTOR
KUE	SCHLUMBERGER	J55	C403424	04-28-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	J55	C403425	04-28-03	99.9	99.7	99.9
KUE	SCHLUMBERGER	J55	C403426	04-28-03	100.0	99.8	99.8
KUE	SCHLUMBERGER	J55	C403427	04-28-03	100.1	100.0	99.9
KUE	SCHLUMBERGER	J55	C403428	04-28-03	100.2	100.0	100.3
KUE	SCHLUMBERGER	J55	C403429	04-28-03	99.9	99.6	99.7
KUE	SCHLUMBERGER	J55	C403430	04-28-03	100.0	99.7	100.0
KUE	SCHLUMBERGER	J55	C403431	04-28-03	100.0	99.9	99.6
KUE	SCHLUMBERGER	J55	C403432	04-28-03	100.1	100.1	100.2
KUE	SCHLUMBERGER	J55	C403433	04-28-03	99.9	99.9	99.8
KUE	SCHLUMBERGER	J55	C403434	04-28-03	100.0	100.0	99.9
KUE	SCHLUMBERGER	J55	C403435	04-28-03	100.0	99.7	100.0
KUE	SCHLUMBERGER	J55	C403436	04-28-03	100.0	99.9	99.9
KUE	SCHLUMBERGER	J55	C403437	04-28-03	99.8	99.9	99.9
KUE	SCHLUMBERGER	J55	C403438	04-28-03	100.0	99.8	99.9
KUE	SCHLUMBERGER	J55	C403439	04-28-03	99.9	99.7	99.8
KUE	SCHLUMBERGER	J55	C403440	04-28-03	100.1	99.8	100.1
KUE	SCHLUMBERGER	J55	C403441	04-28-03	100.0	99.9	99.9
KUE	SCHLUMBERGER	J55	C403442	04-28-03	100.0	99.8	99.8
KUE	SCHLUMBERGER	J55	C403443	04-28-03	100.1	99.8	100.1
KUE	SCHLUMBERGER	J55	C403444	04-28-03	100.0	99.7	100.0
KUE	SCHLUMBERGER	J55	C403445	04-28-03	100.2	99.8	100.1
KUE	SCHLUMBERGER	J55	C403446	04-28-03	100.1	99.8	100.2
KUE	SCHLUMBERGER	J55	C403447	04-28-03	100.0	99.9	99.6
KUE	SCHLUMBERGER	J55	C403448	04-28-03	100.0	99.7	99.8
KUE	SCHLUMBERGER	J55	C403449	04-28-03	100.0	99.8	100.0
KUE	SCHLUMBERGER	J55	C403450	04-28-03	100.1	99.7	99.9
KUE	SCHLUMBERGER	J55	C403451	04-28-03	99.9	99.8	99.8
KUE	SCHLUMBERGER	J55	C403452	04-28-03	99.9	99.6	99.3
KUE	SCHLUMBERGER	J55	C403453	04-28-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	J55	C403454	04-28-03	100.1	99.7	100.0
KUE	SCHLUMBERGER	J55	C403455	04-28-03	100.1	99.8	100.0
KUE	SCHLUMBERGER	J55	C403456	04-28-03	100.1	99.8	99.8
KUE	SCHLUMBERGER	J55	C403457	04-28-03	100.0	100.5	100.1
KUE	SCHLUMBERGER	J55	C403458	04-28-03	100.0	99.6	99.8
KUE	SCHLUMBERGER	J55	C403459	04-28-03	99.9	100.1	99.8
KUE	SCHLUMBERGER	J55	C403460	04-28-03	100.0	100.0	99.9
KUE	SCHLUMBERGER	J55	C403461	06-04-03	100.1	99.7	99.9
KUE	SCHLUMBERGER	J55	C403462	06-04-03	100.2	100.2	100.1
KUE	SCHLUMBERGER	J55	C403463	06-04-03	100.2	100.1	100.2
KUE	SCHLUMBERGER	J55	C403464	06-04-03	100.2	100.2	100.8
KUE	SCHLUMBERGER	J55	C403465	06-04-03	100.3	100.1	100.4
KUE	SCHLUMBERGER	J55	C403466	06-04-03	100.0	100.1	100.0
KUE	SCHLUMBERGER	J55	C403467	06-04-03	100.2	99.9	100.3
KUE	SCHLUMBERGER	J55	C403468	06-04-03	100.0	99.9	100.2
KUE	SCHLUMBERGER	J55	C403469	06-04-03	100.1	100.2	100.1
KUE	SCHLUMBERGER	J55	C403470	06-04-03	100.1	99.9	99.8
KUE	SCHLUMBERGER	J55	C403471	06-04-03	100.1	100.1	100.1
KUE	SCHLUMBERGER	J55	C403472	06-04-03	100.1	99.9	99.9
KUE	SCHLUMBERGER	J55	C403473	06-04-03	100.2	100.2	100.3
KUE	SCHLUMBERGER	J55	C403474	06-04-03	100.1	99.9	99.7

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KUE	SCHLUMBERGER	J55	C403475	06-04-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	J55	C403476	06-04-03	100.0	100.4	100.2
KUE	SCHLUMBERGER	J55	C403477	06-04-03	100.0	99.9	99.9
KUE	SCHLUMBERGER	J55	C403478	06-04-03	100.0	99.6	99.8
KUE	SCHLUMBERGER	J55	C403479	06-04-03	100.1	100.0	99.8
KUE	SCHLUMBERGER	J55	C403480	06-04-03	100.1	100.0	99.4
KUE	SCHLUMBERGER	J55	C403481	06-04-03	100.0	100.1	100.7
KUE	SCHLUMBERGER	J55	C403482	06-04-03	100.1	99.6	100.1
KUE	SCHLUMBERGER	J55	C403483	06-04-03	100.0	99.8	100.0
KUE	SCHLUMBERGER	J55	C403484	06-04-03	100.1	99.9	100.5
KUE	SCHLUMBERGER	J55	C403485	06-04-03	100.2	99.8	100.4
KUE	SCHLUMBERGER	J55	C403486	06-04-03	100.0	100.1	100.2
KUE	SCHLUMBERGER	J55	C403487	06-04-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	J55	C403488	06-04-03	100.2	100.0	99.8
KUE	SCHLUMBERGER	J55	C403489	06-04-03	100.3	100.1	100.6
KUE	SCHLUMBERGER	J55	C403490	06-04-03	100.2	100.0	100.3
KUE	SCHLUMBERGER	J55	C403491	06-04-03	99.9	99.7	100.1
KUE	SCHLUMBERGER	J55	C403492	06-04-03	100.1	100.0	100.1
KUE	SCHLUMBERGER	J55	C403493	06-04-03	100.1	99.9	100.1
KUE	SCHLUMBERGER	J55	C403494	06-04-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	J55	C403495	06-04-03	100.0	99.9	99.9
KUE	SCHLUMBERGER	J55	C403496	06-04-03	100.0	100.1	99.9
KUE	SCHLUMBERGER	J55	C403497	06-04-03	100.1	100.1	99.9
KUE	SCHLUMBERGER	J55	C403498	06-04-03	100.0	99.6	100.1
KUE	SCHLUMBERGER	J55	C403499	06-04-03	100.1	99.9	100.0
KUE	SCHLUMBERGER	J55	C403500	06-04-03	100.2	100.0	99.8
KUE	SCHLUMBERGER	J55	C403501	06-04-03	100.3	100.0	100.5
KUE	SCHLUMBERGER	J55	C403502	06-04-03	99.9	99.9	99.9
KUE	SCHLUMBERGER	J55	C403503	06-04-03	100.0	99.9	99.6
KUE	SCHLUMBERGER	J55	C403504	06-04-03	99.9	99.6	100.1
KUE	SCHLUMBERGER	J55	C403505	06-04-03	100.0	99.6	100.2
KUE	SCHLUMBERGER	J55	C403506	06-04-03	100.1	99.8	100.4
KUE	SCHLUMBERGER	J55	C403507	06-04-03	100.3	100.1	99.7
KUE	SCHLUMBERGER	J55	C403508	06-04-03	100.1	100.2	100.3
KUE	SCHLUMBERGER	J55	C403509	06-04-03	100.0	100.2	100.0
KUE	SCHLUMBERGER	J55	C403510	06-04-03	100.1	99.8	100.4
KUE	SCHLUMBERGER	J55	C403511	06-04-03	100.0	99.7	100.2
KUE	SCHLUMBERGER	J55	C403512	06-04-03	100.1	100.0	100.2
KUE	SCHLUMBERGER	J55	C403513	06-04-03	100.2	100.0	100.4
KUE	SCHLUMBERGER	J55	C403514	06-04-03	100.0	99.6	99.9
KUE	SCHLUMBERGER	J55	C403515	06-04-03	100.2	100.2	100.0
KUE	SCHLUMBERGER	J55	C403516	06-04-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	J55	C403517	06-04-03	99.9	99.9	99.9
KUE	SCHLUMBERGER	J55	C403518	06-04-03	100.2	100.2	100.1
KUE	SCHLUMBERGER	J55	C403519	06-04-03	100.1	100.2	100.5
KUE	SCHLUMBERGER	J55	C403520	06-04-03	99.8	99.8	99.4
KUE	SCHLUMBERGER	J55	C403521	06-04-03	100.0	99.9	99.8
KUE	SCHLUMBERGER	J55	C403522	06-04-03	100.0	100.0	100.2
KUE	SCHLUMBERGER	J55	C403523	06-04-03	100.2	99.8	100.3
KUE	SCHLUMBERGER	J55	C403524	06-04-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	J55	C403525	06-04-03	100.2	100.3	100.1

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CO	MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACTOR
KUE	SCHLUMBERGER	J55	C403526	06-04-03	99.9	100.2	99.7
KUE	SCHLUMBERGER	J55	C403527	06-04-03	100.2	99.8	100.1
KUE	SCHLUMBERGER	J55	C403528	06-04-03	100.0	99.7	99.9
KUE	SCHLUMBERGER	J55	C403529	06-04-03	100.0	99.8	100.0
KUE	SCHLUMBERGER	J55	C403530	06-04-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	J55	C403531	06-04-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	J55	C403532	06-04-03	100.0	99.9	99.9
KUE	SCHLUMBERGER	J55	C403533	06-04-03	100.1	100.0	100.5
KUE	SCHLUMBERGER	J55	C403534	06-04-03	100.0	100.1	99.9
KUE	SCHLUMBERGER	J55	C403535	06-04-03	100.1	99.9	100.6
KUE	SCHLUMBERGER	J55	C403536	06-04-03	100.0	99.8	99.6
KUE	SCHLUMBERGER	J55	C403537	06-04-03	100.0	100.1	99.9
KUE	SCHLUMBERGER	J55	C403538	06-04-03	100.1	99.6	99.6
KUE	SCHLUMBERGER	J55	C403539	06-04-03	99.8	100.1	100.1
KUE	SCHLUMBERGER	J55	C403540	06-04-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	J55	C403541	06-04-03	100.0	99.7	100.2
KUE	SCHLUMBERGER	J55	C403542	06-04-03	99.9	99.9	100.2
KUE	SCHLUMBERGER	J55	C403543	06-04-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	J55	C403544	06-04-03	100.1	100.0	100.0
KUE	SCHLUMBERGER	J55	C403545	06-04-03	100.1	100.1	99.6
KUE	SCHLUMBERGER	J55	C403546	06-04-03	99.9	99.7	100.1
KUE	SCHLUMBERGER	J55	C403547	06-04-03	100.1	100.2	100.2
KUE	SCHLUMBERGER	J55	C403548	06-04-03	100.0	99.6	99.7
KUE	SCHLUMBERGER	J55	C403549	06-04-03	100.0	99.6	100.0
KUE	SCHLUMBERGER	J55	C403550	06-04-03	100.1	99.8	100.2
KUE	SCHLUMBERGER	J55	C403551	06-04-03	100.1	99.8	100.2
KUE	SCHLUMBERGER	J55	C403552	06-04-03	100.1	99.8	100.3
KUE	SCHLUMBERGER	J55	C403553	06-04-03	100.1	99.8	100.2
KUE	SCHLUMBERGER	J55	C403554	06-04-03	99.9	99.6	99.9
KUE	SCHLUMBERGER	J55	C403555	06-04-03	100.3	100.0	100.4
KUE	SCHLUMBERGER	J55	C403556	06-04-03	100.2	100.0	100.1
KUE	SCHLUMBERGER	J55	C403557	06-04-03	100.2	99.6	100.7
KUE	SCHLUMBERGER	J55	C403558	06-04-03	100.0	99.8	100.2
KUE	SCHLUMBERGER	J55	C403559	06-04-03	99.8	99.8	100.2
KUE	SCHLUMBERGER	J55	C403560	06-04-03	100.0	99.9	99.9
KUE	SCHLUMBERGER	J55	C403561	06-04-03	100.3	99.9	99.7
KUE	SCHLUMBERGER	J55	C403562	06-04-03	100.0	100.2	100.6
KUE	SCHLUMBERGER	J55	C403563	06-04-03	99.8	99.8	100.1
KUE	SCHLUMBERGER	J55	C403564	06-04-03	100.1	100.0	100.0
KUE	SCHLUMBERGER	J55	C403565	06-04-03	100.1	100.0	100.3
KUE	SCHLUMBERGER	J55	C403566	06-04-03	100.0	100.0	100.4
KUE	SCHLUMBERGER	J55	C403567	06-04-03	99.9	99.9	99.3
KUE	SCHLUMBERGER	J55	C403568	06-04-03	100.2	99.8	100.1
KUE	SCHLUMBERGER	J55	C403569	06-04-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	J55	C403570	06-04-03	100.1	99.9	100.0
KUE	SCHLUMBERGER	J55	C403571	06-04-03	99.8	99.8	99.9
KUE	SCHLUMBERGER	J55	C403572	06-04-03	100.1	100.3	100.1
KUE	SCHLUMBERGER	J55	C403573	06-04-03	99.9	99.8	100.1
KUE	SCHLUMBERGER	J55	C403574	06-04-03	100.1	99.9	100.2
KUE	SCHLUMBERGER	J55	C403575	06-04-03	99.9	99.7	100.0
KUE	SCHLUMBERGER	J55	C403576	06-04-03	100.2	100.1	100.2

CO	MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACTOR
KUE	SCHLUMBERGER	J55	C403577	06-04-03	100.1	100.4	99.5
KUE	SCHLUMBERGER	J55	C403578	06-04-03	100.0	99.6	99.7
KUE	SCHLUMBERGER	J55	C403579	06-04-03	99.9	100.0	99.7
KUE	SCHLUMBERGER	J55	C403580	06-04-03	99.8	99.8	100.1
KUE	SCHLUMBERGER	J55	C403581	06-04-03	99.8	100.0	99.9
KUE	SCHLUMBERGER	J55	C403582	06-04-03	100.1	99.8	100.3
KUE	SCHLUMBERGER	J55	C403583	06-04-03	99.8	99.8	100.1
KUE	SCHLUMBERGER	J55	C403584	06-04-03	100.0	99.8	100.0
KUE	SCHLUMBERGER	J55	C403585	06-04-03	100.0	99.7	100.2
KUE	SCHLUMBERGER	J55	C403586	06-04-03	100.2	99.7	100.0
KUE	SCHLUMBERGER	J55	C403587	06-04-03	100.2	100.2	100.2
KUE	SCHLUMBERGER	J55	C403588	06-04-03	100.0	100.0	99.8
KUE	SCHLUMBERGER	J55	C403589	06-04-03	100.0	99.7	100.4
KUE	SCHLUMBERGER	J55	C403590	06-04-03	100.2	100.0	100.4
KUE	SCHLUMBERGER	J55	C403591	06-04-03	100.3	100.0	100.5
KUE	SCHLUMBERGER	J55	C403592	06-04-03	100.0	99.9	100.2
KUE	SCHLUMBERGER	J55	C403593	06-04-03	100.0	99.9	99.8
KUE	SCHLUMBERGER	J55	C403594	06-04-03	99.9	99.7	100.0
KUE	SCHLUMBERGER	J55	C403595	06-04-03	100.1	99.8	100.0
KUE	SCHLUMBERGER	J55	C403596	06-04-03	99.7	99.9	99.8
KUE	SCHLUMBERGER	J55	C403597	06-12-03	100.1	99.8	100.1
KUE	SCHLUMBERGER	J55	C403598	06-12-03	100.1	100.3	100.4
KUE	SCHLUMBERGER	J55	C403599	06-12-03	99.9	99.8	99.9
KUE	SCHLUMBERGER	J55	C403600	06-04-03	100.0	100.0	100.2
KUE	SCHLUMBERGER	J55	C403601	06-04-03	100.0	99.9	100.2
KUE	SCHLUMBERGER	J55	C403602	06-04-03	99.9	99.8	100.0
KUE	SCHLUMBERGER	J55	C403603	06-04-03	99.9	99.7	100.1
KUE	SCHLUMBERGER	J55	C403604	06-04-03	99.9	100.0	99.7
KUE	SCHLUMBERGER	J55	C403605	06-04-03	100.1	100.2	100.1
KUE	SCHLUMBERGER	J55	C403606	06-04-03	100.1	99.8	100.1
KUE	SCHLUMBERGER	J55	C403607	06-04-03	100.1	100.0	99.7
KUE	SCHLUMBERGER	J55	C403608	06-04-03	100.0	99.8	100.3
KUE	SCHLUMBERGER	J55	C403609	06-04-03	100.0	99.8	100.3
KUE	SCHLUMBERGER	J55	C403610	06-04-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	J55	C403611	06-04-03	100.2	99.8	100.7
KUE	SCHLUMBERGER	J55	C403612	06-04-03	100.0	100.0	100.2
KUE	SCHLUMBERGER	J55	C403613	06-04-03	100.0	99.9	100.2
KUE	SCHLUMBERGER	J55	C403614	06-04-03	99.9	99.8	99.9
KUE	SCHLUMBERGER	J55	C403615	06-04-03	100.2	100.1	100.3
KUE	SCHLUMBERGER	J55	C403616	06-04-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	J55	C403617	06-04-03	100.1	99.8	100.3
KUE	SCHLUMBERGER	J55	C403618	06-04-03	99.7	100.0	100.2
KUE	SCHLUMBERGER	J55	C403619	06-04-03	99.9	99.8	100.0
KUE	SCHLUMBERGER	J55	C403620	06-04-03	100.2	99.9	100.0
KUE	SCHLUMBERGER	J55	C403621	06-04-03	100.2	100.2	100.0
KUE	SCHLUMBERGER	J55	C403622	06-04-03	100.0	99.6	100.2
KUE	SCHLUMBERGER	J55	C403623	06-04-03	100.0	99.6	100.3
KUE	SCHLUMBERGER	J55	C403624	06-04-03	100.1	99.7	100.1
KUE	SCHLUMBERGER	J55	C403625	06-04-03	100.1	99.7	100.5
KUE	SCHLUMBERGER	J55	C403626	06-04-03	100.2	99.9	100.4
KUE	SCHLUMBERGER	J55	C403627	06-04-03	99.9	100.1	100.0

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CO	MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACTOR
KUE	SCHLUMBERGER	J55	C403628	06-04-03	100.0	99.9	100.2
KUE	SCHLUMBERGER	J55	C403629	06-04-03	100.1	100.3	100.4
KUE	SCHLUMBERGER	J55	C403630	06-04-03	100.1	100.0	100.0
KUE	SCHLUMBERGER	J55	C403631	06-04-03	100.1	100.1	100.2
KUE	SCHLUMBERGER	J55	C403632	06-04-03	100.0	99.7	100.0
KUE	SCHLUMBERGER	J55	C403633	06-04-03	99.9	99.8	100.1
KUE	SCHLUMBERGER	J55	C403634	06-04-03	100.2	100.1	100.3
KUE	SCHLUMBERGER	J55	C403635	06-04-03	100.1	100.0	100.3
KUE	SCHLUMBERGER	J55	C403636	06-04-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	J55	C403637	06-04-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	J55	C403638	06-04-03	100.0	99.8	100.3
KUE	SCHLUMBERGER	J55	C403639	06-04-03	100.1	100.1	100.4
KUE	SCHLUMBERGER	J55	C403640	06-04-03	100.0	100.1	100.0
KUE	SCHLUMBERGER	J55	C403641	06-04-03	100.0	99.7	100.2
KUE	SCHLUMBERGER	J55	C403642	06-04-03	99.9	100.0	99.9
KUE	SCHLUMBERGER	J55	C403643	06-04-03	100.0	100.4	100.1
KUE	SCHLUMBERGER	J55	C403644	06-04-03	100.1	99.8	100.2
KUE	SCHLUMBERGER	J55	C403645	06-04-03	100.0	100.2	100.3
KUE	SCHLUMBERGER	J55	C403646	06-04-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	J55	C403647	06-04-03	100.1	99.8	100.1
KUE	SCHLUMBERGER	J55	C403648	06-04-03	100.1	99.9	100.2
KUE	SCHLUMBERGER	J55	C403649	06-04-03	100.2	100.1	100.6
KUE	SCHLUMBERGER	J55	C403650	06-04-03	100.0	99.8	99.8
KUE	SCHLUMBERGER	J55	C403651	06-04-03	100.0	99.7	99.8
KUE	SCHLUMBERGER	J55	C403652	06-04-03	99.8	99.9	99.8
KUE	SCHLUMBERGER	J55	C403653	06-04-03	100.1	99.8	100.3
KUE	SCHLUMBERGER	J55	C403654	06-04-03	100.2	99.8	100.1
KUE	SCHLUMBERGER	J55	C403655	06-04-03	100.0	100.0	100.3
KUE	SCHLUMBERGER	J55	C403656	06-04-03	100.0	99.8	99.6
KUE	SCHLUMBERGER	J55	C403657	06-04-03	100.0	100.0	99.9
KUE	SCHLUMBERGER	J55	C403658	06-04-03	100.1	100.0	99.9
KUE	SCHLUMBERGER	J55	C403659	06-04-03	99.9	100.0	99.8
KUE	SCHLUMBERGER	J55	C403660	06-04-03	100.1	99.9	99.7
KUE	SCHLUMBERGER	J55	C403661	06-04-03	100.0	100.2	100.1
KUE	SCHLUMBERGER	J55	C403662	06-04-03	100.0	99.7	100.0
KUE	SCHLUMBERGER	J55	C403663	06-04-03	100.3	100.2	99.9
KUE	SCHLUMBERGER	J55	C403664	06-04-03	99.8	99.9	99.8
KUE	SCHLUMBERGER	J55	C403665	06-04-03	99.9	99.9	100.2
KUE	SCHLUMBERGER	J55	C403666	06-04-03	99.9	99.7	99.4
KUE	SCHLUMBERGER	J55	C403667	06-04-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	J55	C403668	06-04-03	99.9	100.0	100.4
KUE	SCHLUMBERGER	J55	C403669	06-04-03	100.0	100.1	100.2
KUE	SCHLUMBERGER	J55	C403670	06-04-03	99.9	99.9	99.9
KUE	SCHLUMBERGER	J55	C403671	06-04-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	J55	C403672	06-04-03	100.0	100.1	100.4
KUE	SCHLUMBERGER	J55	C403673	06-04-03	100.0	99.8	100.0
KUE	SCHLUMBERGER	J55	C403674	06-04-03	99.9	99.7	100.3
KUE	SCHLUMBERGER	J55	C403675	06-04-03	99.9	99.8	100.1
KUE	SCHLUMBERGER	J55	C403676	06-04-03	100.1	99.9	100.1
KUE	SCHLUMBERGER	J55	C403677	06-04-03	100.0	100.2	100.5
KUE	SCHLUMBERGER	J55	C403678	06-04-03	100.1	100.0	100.3

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KUE	SCHLUMBERGER	J5S	C403679	06-04-03	100.1	100.1	100.4
KUE	SCHLUMBERGER	J5S	C403680	06-04-03	100.0	100.2	100.1
KUE	SCHLUMBERGER	J5S	C403681	06-04-03	100.0	100.0	100.3
KUE	SCHLUMBERGER	J5S	C403682	06-04-03	100.1	100.0	100.2
KUE	SCHLUMBERGER	J5S	C403683	06-04-03	100.0	100.1	99.9
KUE	SCHLUMBERGER	J5S	C403684	06-04-03	100.1	100.1	100.2
KUE	SCHLUMBERGER	J5S	C403685	06-04-03	100.0	100.1	100.4
KUE	SCHLUMBERGER	J5S	C403686	06-04-03	100.0	99.8	100.1
KUE	SCHLUMBERGER	J5S	C403687	06-04-03	100.3	100.0	100.4
KUE	SCHLUMBERGER	J5S	C403688	06-04-03	99.9	100.0	99.7
KUE	SCHLUMBERGER	J5S	C403689	06-04-03	99.9	99.8	100.3
KUE	SCHLUMBERGER	J5S	C403690	06-04-03	99.9	99.8	100.3
KUE	SCHLUMBERGER	J5S	C403691	06-04-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	J5S	C403692	06-04-03	100.3	99.9	100.0
KUE	SCHLUMBERGER	J5S	C403693	06-04-03	100.0	100.0	99.9
KUE	SCHLUMBERGER	J5S	C403694	06-04-03	100.1	100.1	99.9
KUE	SCHLUMBERGER	J5S	C403695	06-04-03	100.3	99.9	99.5
KUE	SCHLUMBERGER	J5S	C403696	06-04-03	100.0	99.9	99.6
KUE	SCHLUMBERGER	J5S	C403697	06-04-03	100.2	99.8	99.9
KUE	SCHLUMBERGER	J5S	C403698	06-04-03	100.0	99.8	99.9
KUE	SCHLUMBERGER	J5S	C403699	06-04-03	100.1	99.9	100.2
KUE	SCHLUMBERGER	J5S	C403700	06-04-03	100.0	99.9	99.9
KUE	SCHLUMBERGER	J5S	C403701	06-04-03	100.2	99.7	100.1
KUE	SCHLUMBERGER	J5S	C403702	06-04-03	100.2	100.2	100.6
KUE	SCHLUMBERGER	J5S	C403703	06-04-03	100.1	100.1	100.2
KUE	SCHLUMBERGER	J5S	C403704	06-04-03	99.9	100.1	99.9
KUE	SCHLUMBERGER	J5S	C403705	06-04-03	100.2	100.0	100.6
KUE	SCHLUMBERGER	J5S	C403706	06-04-03	100.0	99.9	99.8
KUE	SCHLUMBERGER	J5S	C403707	06-04-03	99.8	99.9	100.1
KUE	SCHLUMBERGER	J5S	C403708	06-04-03	100.3	100.3	100.7
KUE	SCHLUMBERGER	J5S	C403709	06-04-03	100.0	100.4	99.8
KUE	SCHLUMBERGER	J5S	C403710	06-04-03	100.0	100.0	100.3
KUE	SCHLUMBERGER	J5S	C403711	06-04-03	100.2	99.9	100.4
KUE	SCHLUMBERGER	J5S	C403712	06-04-03	100.0	99.7	100.2
KUE	SCHLUMBERGER	J5S	C403713	06-04-03	100.2	100.9	99.9
KUE	SCHLUMBERGER	J5S	C403714	06-04-03	100.0	99.9	100.2
KUE	SCHLUMBERGER	J5S	C403715	06-04-03	100.3	100.3	100.5
KUE	SCHLUMBERGER	J5S	C403716	06-04-03	100.2	100.0	100.6
KUE	SCHLUMBERGER	J5S	C403717	06-04-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	J5S	C403718	06-04-03	100.0	99.7	99.8
KUE	SCHLUMBERGER	J5S	C403719	06-04-03	100.2	100.1	100.2
KUE	SCHLUMBERGER	J5S	C403720	06-04-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	J5S	C403721	06-04-03	100.2	100.3	100.5
KUE	SCHLUMBERGER	J5S	C403722	06-04-03	100.3	99.8	100.5
KUE	SCHLUMBERGER	J5S	C403723	06-04-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	J5S	C403724	06-04-03	99.8	99.9	100.0
KUE	SCHLUMBERGER	J5S	C403725	06-04-03	100.1	100.2	99.8
KUE	SCHLUMBERGER	J5S	C403726	06-04-03	100.0	100.0	100.6
KUE	SCHLUMBERGER	J5S	C403727	06-04-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	J5S	C403728	06-04-03	100.1	99.9	99.8
KUE	SCHLUMBERGER	J5S	C403729	06-04-03	100.1	100.1	99.6

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KUE	SCHLUMBERGER	J5S	C403730	06-04-03	100.1	99.7	100.4
KUE	SCHLUMBERGER	J5S	C403731	06-04-03	100.2	100.0	100.4
KUE	SCHLUMBERGER	J5S	C403732	06-04-03	100.3	100.1	100.6
KUE	SCHLUMBERGER	J5S	C403733	06-04-03	100.0	99.8	100.4
KUE	SCHLUMBERGER	J5S	C403734	06-04-03	100.3	99.9	100.6
KUE	SCHLUMBERGER	J5S	C403735	06-04-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	J5S	C403736	06-04-03	100.0	99.7	100.3
KUE	SCHLUMBERGER	J5S	C403737	06-04-03	100.1	100.2	100.2
KUE	SCHLUMBERGER	J5S	C403738	06-04-03	100.2	100.3	100.5
KUE	SCHLUMBERGER	J5S	C403739	06-04-03	100.1	100.0	100.6
KUE	SCHLUMBERGER	J5S	C403740	06-04-03	99.9	100.3	99.4
KUE	SCHLUMBERGER	J5S	C403741	06-04-03	99.9	100.2	99.8
KUE	SCHLUMBERGER	J5S	C403742	06-04-03	99.9	99.9	100.1
KUE	SCHLUMBERGER	J5S	C403743	06-04-03	100.0	99.9	100.5
KUE	SCHLUMBERGER	J5S	C403744	06-04-03	100.2	100.0	100.4
KUE	SCHLUMBERGER	J5S	C403745	06-04-03	99.9	100.1	100.4
KUE	SCHLUMBERGER	J5S	C403746	06-04-03	100.1	100.0	99.7
KUE	SCHLUMBERGER	J5S	C403747	06-04-03	100.0	100.2	100.2
KUE	SCHLUMBERGER	J5S	C403748	06-04-03	100.2	100.2	100.2
KUE	SCHLUMBERGER	J5S	C403749	06-04-03	100.0	99.9	99.8
KUE	SCHLUMBERGER	J5S	C403750	06-04-03	100.1	99.8	99.9
KUE	SCHLUMBERGER	J5S	C403751	06-04-03	100.0	99.7	100.4
KUE	SCHLUMBERGER	J5S	C403752	06-04-03	100.0	99.9	99.4
KUE	SCHLUMBERGER	J5S	C403753	06-04-03	99.9	99.8	100.1
KUE	SCHLUMBERGER	J5S	C403754	06-04-03	100.1	100.2	100.5
KUE	SCHLUMBERGER	J5S	C403755	06-04-03	100.1	100.4	100.4
KUE	SCHLUMBERGER	J5S	C403756	06-04-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	J5S	C403757	06-04-03	100.0	99.6	100.5
KUE	SCHLUMBERGER	J5S	C403758	06-04-03	100.2	99.7	99.7
KUE	SCHLUMBERGER	J5S	C403759	06-04-03	100.3	99.8	100.7
KUE	SCHLUMBERGER	J5S	C403760	06-04-03	100.0	99.7	100.1
KUE	SCHLUMBERGER	J5S	C403761	06-04-03	99.8	99.9	100.0
KUE	SCHLUMBERGER	J5S	C403762	06-04-03	100.1	99.9	99.8
KUE	SCHLUMBERGER	J5S	C403763	06-04-03	100.2	100.0	100.5
KUE	SCHLUMBERGER	J5S	C403764	06-04-03	99.9	100.3	99.9
KUE	SCHLUMBERGER	J5S	C403765	06-04-03	100.0	100.3	99.9
KUE	SCHLUMBERGER	J5S	C403766	06-04-03	100.1	100.2	100.4
KUE	SCHLUMBERGER	J5S	C403767	06-04-03	100.0	100.5	99.7
KUE	SCHLUMBERGER	J5S	C403768	06-04-03	100.3	100.0	99.8
KUE	SCHLUMBERGER	J5S	C403769	06-04-03	99.8	99.8	99.9
KUE	SCHLUMBERGER	J5S	C403770	06-04-03	100.2	100.2	99.8
KUE	SCHLUMBERGER	J5S	C403771	06-04-03	99.9	99.6	99.9
KUE	SCHLUMBERGER	J5S	C403772	06-04-03	100.0	99.9	99.9
KUE	SCHLUMBERGER	J5S	C403773	06-04-03	100.0	99.8	99.9
KUE	SCHLUMBERGER	J5S	C403774	06-04-03	100.1	99.9	99.8
KUE	SCHLUMBERGER	J5S	C403775	06-04-03	100.0	100.0	99.9
KUE	SCHLUMBERGER	J5S	C403776	06-04-03	100.0	100.0	100.2
KUE	SCHLUMBERGER	J5S	C403777	06-04-03	99.9	100.0	99.7
KUE	SCHLUMBERGER	J5S	C403778	06-04-03	100.0	99.8	99.9
KUE	SCHLUMBERGER	J5S	C403779	06-04-03	100.3	100.2	100.6
KUE	SCHLUMBERGER	J5S	C403780	06-04-03	99.9	99.9	100.1

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KUE	SCHLUMBERGER	J55	C403781	06-04-03	100.2	100.0	100.0
KUE	SCHLUMBERGER	J55	C403782	06-04-03	100.1	100.1	99.7
KUE	SCHLUMBERGER	J55	C403783	06-04-03	100.2	99.9	100.3
KUE	SCHLUMBERGER	J55	C403784	06-04-03	100.1	100.1	99.9
KUE	SCHLUMBERGER	J55	C403785	06-04-03	99.8	99.8	100.0
KUE	SCHLUMBERGER	J55	C403786	06-04-03	100.3	100.1	100.2
KUE	SCHLUMBERGER	J55	C403787	06-04-03	100.2	100.2	100.1
KUE	SCHLUMBERGER	J55	C403788	06-04-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	J55	C403789	06-04-03	100.1	100.2	100.1
KUE	SCHLUMBERGER	J55	C403790	06-04-03	100.2	100.2	100.3
KUE	SCHLUMBERGER	J55	C403791	06-04-03	100.1	100.0	99.9
KUE	SCHLUMBERGER	J55	C403792	06-04-03	99.8	100.1	99.8
KUE	SCHLUMBERGER	J55	C403793	06-04-03	100.0	100.3	99.8
KUE	SCHLUMBERGER	J55	C403794	06-04-03	100.1	99.7	100.0
KUE	SCHLUMBERGER	J55	C403795	06-04-03	100.1	100.3	100.2
KUE	SCHLUMBERGER	J55	C403796	06-04-03	100.1	100.2	100.3
KUE	SCHLUMBERGER	J55	C403797	06-04-03	100.0	100.0	99.9
KUE	SCHLUMBERGER	J55	C403798	06-04-03	100.2	100.0	100.7
KUE	SCHLUMBERGER	J55	C403799	06-04-03	100.2	100.3	100.3
KUE	SCHLUMBERGER	J55	C403800	06-04-03	100.2	99.9	99.7
KUE	SCHLUMBERGER	J55	C403801	06-04-03	100.2	99.9	100.0
KUE	SCHLUMBERGER	J55	C403802	06-04-03	100.2	100.0	99.9
KUE	SCHLUMBERGER	J55	C403803	06-04-03	100.1	100.0	100.1
KUE	SCHLUMBERGER	J55	C403804	06-04-03	99.8	99.8	100.4
KUE	SCHLUMBERGER	J55	C403805	06-04-03	100.1	100.1	99.9
KUE	SCHLUMBERGER	J55	C403806	06-04-03	99.8	99.8	100.3
KUE	SCHLUMBERGER	J55	C403807	06-04-03	100.2	99.7	100.3
KUE	SCHLUMBERGER	J55	C403808	06-04-03	100.2	100.0	100.1
KUE	SCHLUMBERGER	J55	C403809	06-04-03	100.1	100.0	100.0
KUE	SCHLUMBERGER	J55	C403810	06-04-03	100.3	100.2	100.2
KUE	SCHLUMBERGER	J55	C403811	06-04-03	99.9	99.7	99.7
KUE	SCHLUMBERGER	J55	C403812	06-04-03	100.2	99.8	100.1
KUE	SCHLUMBERGER	J55	C403813	06-04-03	100.1	99.7	100.3
KUE	SCHLUMBERGER	J55	C403814	06-04-03	100.2	99.9	100.1
KUE	SCHLUMBERGER	J55	C403815	06-04-03	99.8	99.7	99.8
KUE	SCHLUMBERGER	J55	C403816	06-04-03	100.0	99.9	100.4
KUE	SCHLUMBERGER	J55	C403817	06-04-03	100.1	99.9	100.3
KUE	SCHLUMBERGER	J55	C403818	06-04-03	100.1	100.0	100.1
KUE	SCHLUMBERGER	J55	C403819	06-04-03	100.0	100.1	99.9
KUE	SCHLUMBERGER	J55	C403820	06-04-03	100.1	99.7	100.1
KUE	SCHLUMBERGER	J55	C403821	06-04-03	100.1	99.8	99.9
KUE	SCHLUMBERGER	J55	C403822	06-04-03	99.9	100.0	99.7
KUE	SCHLUMBERGER	J55	C403823	06-04-03	100.0	99.9	100.2
KUE	SCHLUMBERGER	J55	C403824	06-04-03	100.0	99.8	99.7
KUE	SCHLUMBERGER	J55	C403825	06-04-03	100.0	100.2	100.1
KUE	SCHLUMBERGER	J55	C403826	06-04-03	100.1	100.0	99.9
KUE	SCHLUMBERGER	J55	C403827	06-04-03	100.1	99.9	100.0
KUE	SCHLUMBERGER	J55	C403828	06-04-03	100.1	99.8	100.3
KUE	SCHLUMBERGER	J55	C403829	06-04-03	100.1	100.0	99.5
KUE	SCHLUMBERGER	J55	C403830	06-04-03	99.8	99.8	99.9
KUE	SCHLUMBERGER	J55	C403831	06-04-03	100.2	99.8	100.0



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 RUN TIME: 16.07.13

CO	MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACTOR
KUE	SCHLUMBERGER	J55	C403832	06-04-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	J55	C403833	06-04-03	100.1	99.8	99.9
KUE	SCHLUMBERGER	J55	C403834	06-04-03	100.0	99.9	99.8
KUE	SCHLUMBERGER	J55	C403835	06-04-03	100.2	100.0	100.1
KUE	SCHLUMBERGER	J55	C403836	06-04-03	100.1	99.8	100.2
KUE	SCHLUMBERGER	J55	C403837	06-04-03	99.8	99.9	100.3
KUE	SCHLUMBERGER	J55	C403838	06-04-03	100.1	100.0	100.1
KUE	SCHLUMBERGER	J55	C403839	06-04-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	J55	C403840	06-04-03	100.1	100.1	100.1
KUE	SCHLUMBERGER	J55	C403841	06-04-03	100.1	99.9	99.7
KUE	SCHLUMBERGER	J55	C403842	06-04-03	100.1	100.0	100.2
KUE	SCHLUMBERGER	J55	C403843	06-04-03	100.2	100.1	100.5
KUE	SCHLUMBERGER	J55	C403844	06-04-03	100.1	99.8	100.2
KUE	SCHLUMBERGER	J55	C403845	06-04-03	100.1	100.1	99.6
KUE	SCHLUMBERGER	J55	C403846	06-04-03	100.2	99.9	100.5
KUE	SCHLUMBERGER	J55	C403847	06-04-03	100.1	99.8	100.2
KUE	SCHLUMBERGER	J55	C403848	06-04-03	100.0	100.2	99.9
KUE	SCHLUMBERGER	J55	C403849	06-04-03	100.0	100.1	100.4
KUE	SCHLUMBERGER	J55	C403850	06-04-03	100.2	99.7	100.8
KUE	SCHLUMBERGER	J55	C403851	06-04-03	100.2	99.9	100.1
KUE	SCHLUMBERGER	J55	C403852	06-04-03	100.1	99.8	100.0
KUE	SCHLUMBERGER	J55	C403853	06-04-03	100.2	100.2	100.1
KUE	SCHLUMBERGER	J55	C403854	06-04-03	100.1	100.3	100.1
KUE	SCHLUMBERGER	J55	C403855	06-04-03	100.2	99.8	99.5
KUE	SCHLUMBERGER	J55	C403856	06-04-03	100.2	100.0	100.1
KUE	SCHLUMBERGER	J55	C403857	06-04-03	100.3	99.9	100.0
KUE	SCHLUMBERGER	J55	C403858	06-04-03	100.2	100.3	100.3
KUE	SCHLUMBERGER	J55	C403859	06-04-03	100.1	99.8	99.9
KUE	SCHLUMBERGER	J55	C403860	06-04-03	100.1	100.1	100.1
KUE	SCHLUMBERGER	J55	C403861	06-04-03	100.0	99.9	100.3
KUE	SCHLUMBERGER	J55	C403862	06-04-03	100.2	100.0	100.3
KUE	SCHLUMBERGER	J55	C403863	06-04-03	100.1	99.8	100.0
KUE	SCHLUMBERGER	J55	C403864	06-04-03	100.2	100.1	99.7
KUE	SCHLUMBERGER	J55	C403865	06-04-03	100.0	100.0	99.7
KUE	SCHLUMBERGER	J55	C403866	06-04-03	100.3	100.0	100.3
KUE	SCHLUMBERGER	J55	C403867	06-04-03	100.0	99.6	99.8
KUE	SCHLUMBERGER	J55	C403868	06-04-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	J55	C403869	06-04-03	99.9	99.8	99.7
KUE	SCHLUMBERGER	J55	C403870	06-04-03	100.1	99.7	99.8
KUE	SCHLUMBERGER	J55	C403871	06-04-03	100.1	99.9	99.9
KUE	SCHLUMBERGER	J55	C403872	06-04-03	100.1	99.9	99.9
KUE	SCHLUMBERGER	J55	C403873	06-04-03	100.0	100.0	100.2
KUE	SCHLUMBERGER	J55	C403874	06-04-03	100.1	100.0	100.0
KUE	SCHLUMBERGER	J55	C403875	06-04-03	100.0	100.1	100.2
KUE	SCHLUMBERGER	J55	C403876	06-04-03	100.1	100.1	100.3
KUE	SCHLUMBERGER	J55	C403877	06-04-03	100.1	99.9	100.1
KUE	SCHLUMBERGER	J55	C403878	06-04-03	100.2	99.9	100.1
KUE	SCHLUMBERGER	J55	C403879	06-04-03	100.0	99.8	100.0
KUE	SCHLUMBERGER	J55	C403880	06-04-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	J55	C403881	06-04-03	100.0	99.9	99.9
KUE	SCHLUMBERGER	J55	C403882	06-04-03	100.0	99.9	99.9

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CO	MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACTOR
KUE	SCHLUMBERGER	J5S	C403883	06-04-03	100.2	100.2	100.1
KUE	SCHLUMBERGER	J5S	C403884	06-04-03	100.1	100.0	100.3
KUE	SCHLUMBERGER	J5S	C403885	06-04-03	100.1	100.0	99.7
KUE	SCHLUMBERGER	J5S	C403886	06-04-03	100.1	99.7	100.0
KUE	SCHLUMBERGER	J5S	C403887	06-04-03	100.1	99.8	99.9
KUE	SCHLUMBERGER	J5S	C403888	06-04-03	100.1	100.2	100.0
KUE	SCHLUMBERGER	J5S	C403889	06-04-03	100.2	100.2	100.1
KUE	SCHLUMBERGER	J5S	C403890	06-04-03	100.1	99.8	100.2
KUE	SCHLUMBERGER	J5S	C403891	06-04-03	100.2	100.0	100.6
KUE	SCHLUMBERGER	J5S	C403892	06-04-03	100.2	99.8	99.9
KUE	SCHLUMBERGER	J5S	C403893	06-04-03	100.3	100.1	100.2
KUE	SCHLUMBERGER	J5S	C403894	06-04-03	100.3	100.3	100.4
KUE	SCHLUMBERGER	J5S	C403895	06-04-03	100.1	100.0	100.0
KUE	SCHLUMBERGER	J5S	C403896	06-04-03	100.1	100.1	100.0
KUE	SCHLUMBERGER	J5S	C403897	06-04-03	99.9	99.7	100.1
KUE	SCHLUMBERGER	J5S	C403898	06-04-03	100.1	100.0	100.1
KUE	SCHLUMBERGER	J5S	C403899	06-04-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	J5S	C403900	06-04-03	100.1	100.0	100.0
KUE	SCHLUMBERGER	J5S	C403901	06-04-03	99.8	99.7	99.8
KUE	SCHLUMBERGER	J5S	C403902	06-04-03	100.0	99.8	100.1
KUE	SCHLUMBERGER	J5S	C403903	06-04-03	100.0	100.1	100.4
KUE	SCHLUMBERGER	J5S	C403904	06-04-03	100.3	99.7	100.2
KUE	SCHLUMBERGER	J5S	C403905	06-04-03	100.1	99.7	100.1
KUE	SCHLUMBERGER	J5S	C403906	06-04-03	100.2	100.1	100.4
KUE	SCHLUMBERGER	J5S	C403907	06-04-03	100.1	100.2	100.0
KUE	SCHLUMBERGER	J5S	C403908	06-04-03	100.3	99.9	100.2
KUE	SCHLUMBERGER	J5S	C403909	06-04-03	100.2	99.9	100.4
KUE	SCHLUMBERGER	J5S	C403910	06-04-03	100.2	100.2	100.0
KUE	SCHLUMBERGER	J5S	C403911	06-04-03	100.1	100.2	100.4
KUE	SCHLUMBERGER	J5S	C403912	06-04-03	100.1	100.0	100.3
KUE	SCHLUMBERGER	J5S	C403913	06-04-03	99.9	99.9	99.8
KUE	SCHLUMBERGER	J5S	C403914	06-04-03	99.9	99.9	100.3
KUE	SCHLUMBERGER	J5S	C403915	06-04-03	100.1	100.3	99.9
KUE	SCHLUMBERGER	J5S	C403916	06-04-03	100.1	99.8	100.0
KUE	SCHLUMBERGER	J5S	C403917	06-04-03	100.2	99.9	100.3
KUE	SCHLUMBERGER	J5S	C403918	06-04-03	100.0	100.1	100.2
KUE	SCHLUMBERGER	J5S	C403919	06-04-03	100.0	99.9	100.4
KUE	SCHLUMBERGER	J5S	C403920	06-04-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	J5S	C403921	06-04-03	100.1	99.8	100.1
KUE	SCHLUMBERGER	J5S	C403922	06-04-03	99.9	99.9	99.9
KUE	SCHLUMBERGER	J5S	C403923	06-04-03	100.1	99.7	100.1
KUE	SCHLUMBERGER	J5S	C403924	06-04-03	100.3	100.4	100.6
KUE	SCHLUMBERGER	J5S	C403925	06-04-03	100.1	99.9	99.5
KUE	SCHLUMBERGER	J5S	C403926	06-04-03	100.2	100.0	100.4
KUE	SCHLUMBERGER	J5S	C403927	06-04-03	100.2	100.0	100.2
KUE	SCHLUMBERGER	J5S	C403928	06-04-03	100.1	100.2	100.6
KUE	SCHLUMBERGER	J5S	C403929	06-04-03	100.1	100.2	100.3
KUE	SCHLUMBERGER	J5S	C403930	06-04-03	100.2	100.3	100.2
KUE	SCHLUMBERGER	J5S	C403931	06-04-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	J5S	C403932	06-04-03	100.2	100.2	100.0
KUE	SCHLUMBERGER	J5S	C403933	06-04-03	100.2	100.2	100.1

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CO	MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACTOR
KUE	SCHLUMBERGER	J55	C403934	06-04-03	100.2	100.2	100.1
KUE	SCHLUMBERGER	J55	C403935	06-04-03	100.1	100.2	99.9
KUE	SCHLUMBERGER	J55	C403936	06-04-03	100.3	99.9	100.3
KUE	SCHLUMBERGER	J55	C403937	06-04-03	100.0	100.1	99.9
KUE	SCHLUMBERGER	J55	C403938	06-04-03	99.9	99.8	100.0
KUE	SCHLUMBERGER	J55	C403939	06-04-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	J55	C403940	06-04-03	100.1	100.1	100.0
KUE	SCHLUMBERGER	J55	C403941	06-04-03	99.9	100.0	100.4
KUE	SCHLUMBERGER	J55	C403942	06-04-03	100.2	99.7	100.1
KUE	SCHLUMBERGER	J55	C403943	06-04-03	100.0	100.1	100.2
KUE	SCHLUMBERGER	J55	C403944	06-04-03	100.1	100.4	99.9
KUE	SCHLUMBERGER	J55	C403945	06-04-03	100.2	100.0	100.2
KUE	SCHLUMBERGER	J55	C403946	06-04-03	100.2	100.1	100.0
KUE	SCHLUMBERGER	J55	C403947	06-04-03	100.0	99.7	100.1
KUE	SCHLUMBERGER	J55	C403948	06-04-03	100.2	100.0	100.2
KUE	SCHLUMBERGER	J55	C403949	06-04-03	99.9	100.1	99.9
KUE	SCHLUMBERGER	J55	C403950	06-04-03	100.1	100.1	100.0
KUE	SCHLUMBERGER	J55	C403951	06-04-03	100.1	100.0	100.0
KUE	SCHLUMBERGER	J55	C403952	06-04-03	100.2	100.2	100.4
KUE	SCHLUMBERGER	J55	C403953	06-04-03	99.8	100.1	99.6
KUE	SCHLUMBERGER	J55	C403954	06-04-03	100.2	99.8	99.8
KUE	SCHLUMBERGER	J55	C403955	06-04-03	100.2	99.9	100.1
KUE	SCHLUMBERGER	J55	C403956	06-04-03	100.2	100.0	100.4
KUE	SCHLUMBERGER	J55	C403957	06-04-03	100.1	100.1	99.9
KUE	SCHLUMBERGER	J55	C403958	06-04-03	100.1	100.1	100.2
KUE	SCHLUMBERGER	J55	C403959	06-04-03	100.1	100.0	100.3
KUE	SCHLUMBERGER	J55	C403960	06-04-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	J55	C403961	06-04-03	100.1	99.8	100.0
KUE	SCHLUMBERGER	J55	C403962	06-04-03	99.9	100.0	99.4
KUE	SCHLUMBERGER	J55	C403963	06-04-03	100.0	100.0	99.6
KUE	SCHLUMBERGER	J55	C403964	06-04-03	100.3	100.4	100.1
KUE	SCHLUMBERGER	J55	C403965	06-04-03	100.0	99.9	99.7
KUE	SCHLUMBERGER	J55	C403966	06-04-03	100.1	99.7	99.6
KUE	SCHLUMBERGER	J55	C403967	06-04-03	100.1	100.0	99.7
KUE	SCHLUMBERGER	J55	C403968	06-04-03	100.0	99.7	99.9
KUE	SCHLUMBERGER	J55	C403969	06-04-03	100.2	100.0	100.1
KUE	SCHLUMBERGER	J55	C403970	06-04-03	100.2	99.7	100.3
KUE	SCHLUMBERGER	J55	C403971	06-04-03	100.1	100.5	100.3
KUE	SCHLUMBERGER	J55	C403972	06-04-03	100.1	100.0	100.3
KUE	SCHLUMBERGER	J55	C403973	06-04-03	99.8	99.7	99.9
KUE	SCHLUMBERGER	J55	C403974	06-04-03	100.1	100.0	99.7
KUE	SCHLUMBERGER	J55	C403975	06-04-03	100.0	99.8	100.0
KUE	SCHLUMBERGER	J55	C403976	06-04-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	J55	C403977	06-04-03	100.2	100.1	100.2
KUE	SCHLUMBERGER	J55	C403978	06-04-03	100.0	100.2	100.2
KUE	SCHLUMBERGER	J55	C403979	06-04-03	99.9	99.8	99.5
KUE	SCHLUMBERGER	J55	C403980	06-04-03	100.0	99.8	99.6
KUE	SCHLUMBERGER	J55	C403981	06-04-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	J55	C403982	06-04-03	100.1	100.0	100.0
KUE	SCHLUMBERGER	J55	C403983	06-04-03	100.1	99.8	99.4
KUE	SCHLUMBERGER	J55	C403984	06-04-03	99.8	99.9	99.8

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CO	MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACTOR
KUE	SCHLUMBERGER	J55	C403985	06-04-03	100.2	100.2	99.9
KUE	SCHLUMBERGER	J55	C403986	06-04-03	99.9	99.8	99.5
KUE	SCHLUMBERGER	J55	C403987	06-04-03	100.0	99.8	99.6
KUE	SCHLUMBERGER	J55	C403988	06-04-03	100.3	100.3	100.3
KUE	SCHLUMBERGER	J55	C403989	06-04-03	100.3	100.2	100.5
KUE	SCHLUMBERGER	J55	C403990	06-04-03	100.2	99.6	100.1
KUE	SCHLUMBERGER	J55	C403991	06-04-03	99.9	100.1	99.8
KUE	SCHLUMBERGER	J55	C403992	06-04-03	100.1	99.7	100.1
KUE	SCHLUMBERGER	J55	C403993	06-04-03	100.0	99.6	100.2
KUE	SCHLUMBERGER	J55	C403994	06-04-03	100.0	100.2	99.7
KUE	SCHLUMBERGER	J55	C403995	06-04-03	100.1	99.7	100.0
KUE	SCHLUMBERGER	J55	C403996	06-04-03	99.9	99.7	99.3
KUE	SCHLUMBERGER	J55	C403997	06-04-03	100.1	99.9	99.7
KUE	SCHLUMBERGER	J55	C403998	06-04-03	100.0	99.8	100.3
KUE	SCHLUMBERGER	J55	C403999	06-04-03	99.9	100.0	99.9
KUE	SCHLUMBERGER	J55	C404000	06-04-03	99.8	100.0	99.9
KUE	SCHLUMBERGER	J55	C404001	06-04-03	100.1	100.4	100.1
KUE	SCHLUMBERGER	J55	C404002	06-04-03	99.9	99.9	99.7
KUE	SCHLUMBERGER	J55	C404003	06-04-03	100.2	99.8	100.0
KUE	SCHLUMBERGER	J55	C404004	06-04-03	100.0	100.2	99.8
KUE	SCHLUMBERGER	J55	C404005	06-04-03	100.0	100.1	100.3
KUE	SCHLUMBERGER	J55	C404006	06-04-03	100.3	100.0	100.0
KUE	SCHLUMBERGER	J55	C404007	06-04-03	100.0	100.0	100.3
KUE	SCHLUMBERGER	J55	C404008	06-04-03	100.1	100.0	100.2
KUE	SCHLUMBERGER	J55	C404009	06-04-03	100.0	99.9	99.9
KUE	SCHLUMBERGER	J55	C404010	06-04-03	100.0	100.0	99.4
KUE	SCHLUMBERGER	J55	C404011	06-04-03	99.9	100.0	99.9
KUE	SCHLUMBERGER	J55	C404012	06-04-03	100.0	99.7	99.8
KUE	SCHLUMBERGER	J55	C404013	06-04-03	100.3	100.0	100.1
KUE	SCHLUMBERGER	J55	C404014	06-04-03	100.0	99.7	100.4
KUE	SCHLUMBERGER	J55	C404015	06-04-03	100.1	100.1	100.3
KUE	SCHLUMBERGER	J55	C404016	06-04-03	99.8	99.7	99.8
KUE	SCHLUMBERGER	J55	C404017	06-04-03	100.0	99.7	100.0
KUE	SCHLUMBERGER	J55	C404018	06-04-03	100.2	100.1	100.5
KUE	SCHLUMBERGER	J55	C404019	06-04-03	99.8	100.1	100.1
KUE	SCHLUMBERGER	J55	C404020	06-04-03	100.1	100.1	100.1
KUE	SCHLUMBERGER	J55	C404021	06-04-03	100.1	100.0	100.5
KUE	SCHLUMBERGER	J55	C404022	06-04-03	100.3	99.7	100.3
KUE	SCHLUMBERGER	J55	C404023	06-04-03	100.2	99.7	100.1
KUE	SCHLUMBERGER	J55	C404024	06-04-03	99.9	100.1	99.9
KUE	SCHLUMBERGER	J55	C404025	06-04-03	100.0	99.7	100.1
KUE	SCHLUMBERGER	J55	C404026	06-04-03	100.2	100.3	100.0
KUE	SCHLUMBERGER	J55	C404027	06-04-03	100.2	99.7	100.5
KUE	SCHLUMBERGER	J55	C404028	06-04-03	99.8	99.7	100.4
KUE	SCHLUMBERGER	J55	C404029	06-04-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	J55	C404030	06-04-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	J55	C404031	06-04-03	100.1	100.0	100.3
KUE	SCHLUMBERGER	J55	C404032	06-04-03	100.2	99.7	100.1
KUE	SCHLUMBERGER	J55	C404033	06-04-03	100.1	100.1	99.9
KUE	SCHLUMBERGER	J55	C404034	06-04-03	100.1	100.1	99.7
KUE	SCHLUMBERGER	J55	C404035	06-04-03	100.3	99.8	100.3

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CO	MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACTOR
KUE	SCHLUMBERGER	J5S	C404036	06-04-03	100.1	99.8	99.9
KUE	SCHLUMBERGER	J5S	C404037	06-04-03	100.0	99.8	100.3
KUE	SCHLUMBERGER	J5S	C404038	06-04-03	100.2	100.1	100.4
KUE	SCHLUMBERGER	J5S	C404039	06-04-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	J5S	C404040	06-04-03	100.1	99.8	100.2
KUE	SCHLUMBERGER	J5S	C404041	06-04-03	100.0	99.9	100.3
KUE	SCHLUMBERGER	J5S	C404042	06-04-03	100.3	99.9	100.1
KUE	SCHLUMBERGER	J5S	C404043	06-04-03	100.1	100.2	100.2
KUE	SCHLUMBERGER	J5S	C404044	06-04-03	100.2	99.7	100.2
KUE	SCHLUMBERGER	J5S	C404045	06-04-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	J5S	C404046	06-04-03	99.8	99.7	100.0
KUE	SCHLUMBERGER	J5S	C404047	06-04-03	100.1	100.1	99.8
KUE	SCHLUMBERGER	J5S	C404048	06-04-03	100.1	99.8	100.3
KUE	SCHLUMBERGER	J5S	C404049	06-04-03	100.1	99.9	99.7
KUE	SCHLUMBERGER	J5S	C404050	06-04-03	100.1	100.2	100.2
KUE	SCHLUMBERGER	J5S	C404051	06-04-03	99.8	99.8	100.0
KUE	SCHLUMBERGER	J5S	C404052	06-04-03	99.9	100.0	100.2
KUE	SCHLUMBERGER	J5S	C404053	06-04-03	100.2	99.8	100.3
KUE	SCHLUMBERGER	J5S	C404054	06-04-03	100.0	100.0	100.2
KUE	SCHLUMBERGER	J5S	C404055	06-04-03	100.0	100.1	100.0
KUE	SCHLUMBERGER	J5S	C404056	06-04-03	99.8	100.2	99.7
KUE	SCHLUMBERGER	J5S	C404057	06-04-03	100.2	100.2	100.2
KUE	SCHLUMBERGER	J5S	C404058	06-04-03	100.1	99.8	100.1
KUE	SCHLUMBERGER	J5S	C404059	06-04-03	99.8	99.8	100.0
KUE	SCHLUMBERGER	J5S	C404060	06-04-03	99.9	99.9	99.8
KUE	SCHLUMBERGER	J5S	C404061	06-04-03	100.2	100.2	100.6
KUE	SCHLUMBERGER	J5S	C404062	06-04-03	100.1	100.0	99.9
KUE	SCHLUMBERGER	J5S	C404063	06-04-03	100.0	100.1	99.6
KUE	SCHLUMBERGER	J5S	C404064	06-04-03	100.1	100.0	100.2
KUE	SCHLUMBERGER	J5S	C404065	06-04-03	100.1	100.2	100.4
KUE	SCHLUMBERGER	J5S	C404066	06-04-03	100.0	100.0	100.3
KUE	SCHLUMBERGER	J5S	C404067	06-04-03	100.2	99.8	99.9
KUE	SCHLUMBERGER	J5S	C404068	06-04-03	100.0	100.2	100.4
KUE	SCHLUMBERGER	J5S	C404069	06-04-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	J5S	C404070	06-04-03	99.8	99.8	100.0
KUE	SCHLUMBERGER	J5S	C404071	06-04-03	99.9	99.9	100.3
KUE	SCHLUMBERGER	J5S	C404072	06-04-03	100.1	99.9	99.8
KUE	SCHLUMBERGER	J5S	C404073	06-04-03	100.1	99.8	100.2
KUE	SCHLUMBERGER	J5S	C404074	06-04-03	100.1	100.0	100.3
KUE	SCHLUMBERGER	J5S	C404075	06-04-03	99.9	100.4	100.0
KUE	SCHLUMBERGER	J5S	C404076	06-04-03	100.1	99.6	100.0
KUE	SCHLUMBERGER	J5S	C404077	06-04-03	100.0	100.0	100.2
KUE	SCHLUMBERGER	J5S	C404078	06-04-03	100.2	100.2	100.2
KUE	SCHLUMBERGER	J5S	C404079	06-04-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	J5S	C404080	06-04-03	100.1	99.7	100.2
KUE	SCHLUMBERGER	J5S	C404081	06-04-03	100.1	100.0	100.0
KUE	SCHLUMBERGER	J5S	C404082	06-04-03	99.8	100.0	99.5
KUE	SCHLUMBERGER	J5S	C404083	06-04-03	99.8	99.8	100.1
KUE	SCHLUMBERGER	J5S	C404084	06-04-03	100.0	99.9	99.9
KUE	SCHLUMBERGER	J5S	C404085	06-04-03	100.1	100.0	100.4
KUE	SCHLUMBERGER	J5S	C404086	06-04-03	100.1	99.9	100.2

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KUE	SCHLUMBERGER	J5S	C404087	06-04-03	100.1	100.0	100.1
KUE	SCHLUMBERGER	J5S	C404088	06-04-03	100.0	100.0	99.8
KUE	SCHLUMBERGER	J5S	C404089	06-04-03	99.8	99.9	99.8
KUE	SCHLUMBERGER	J5S	C404090	06-04-03	100.0	99.9	100.3
KUE	SCHLUMBERGER	J5S	C404091	06-04-03	100.0	99.9	100.3
KUE	SCHLUMBERGER	J5S	C404092	06-04-03	100.0	99.9	100.3
KUE	SCHLUMBERGER	J5S	C404093	06-04-03	100.0	100.2	100.2
KUE	SCHLUMBERGER	J5S	C404094	06-04-03	100.0	100.0	100.5
KUE	SCHLUMBERGER	J5S	C404095	06-04-03	100.2	100.2	100.2
KUE	SCHLUMBERGER	J5S	C404096	06-04-03	100.0	99.7	99.8
KUE	SCHLUMBERGER	J5S	C404097	06-04-03	99.9	99.9	100.3
KUE	SCHLUMBERGER	J5S	C404098	06-04-03	100.2	99.7	99.9
KUE	SCHLUMBERGER	J5S	C404099	06-04-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	J5S	C404100	06-04-03	100.1	99.9	100.4
KUE	SCHLUMBERGER	J5S	C404101	06-04-03	100.1	100.0	99.9
KUE	SCHLUMBERGER	J5S	C404102	06-04-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	J5S	C404103	06-04-03	99.8	99.7	99.9
KUE	SCHLUMBERGER	J5S	C404104	06-04-03	99.8	99.8	100.0
KUE	SCHLUMBERGER	J5S	C404105	06-04-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	J5S	C404106	06-04-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	J5S	C404107	06-04-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	J5S	C404108	06-04-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	J5S	C404109	06-04-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	J5S	C404110	06-04-03	100.3	100.2	99.8
KUE	SCHLUMBERGER	J5S	C404111	06-04-03	100.1	100.1	99.8
KUE	SCHLUMBERGER	J5S	C404112	06-04-03	100.1	99.7	99.9
KUE	SCHLUMBERGER	J5S	C404113	06-04-03	100.1	100.2	100.0
KUE	SCHLUMBERGER	J5S	C404114	06-04-03	100.1	99.8	100.2
KUE	SCHLUMBERGER	J5S	C404115	06-04-03	100.0	99.9	100.3
KUE	SCHLUMBERGER	J5S	C404116	06-04-03	100.1	99.9	100.2
KUE	SCHLUMBERGER	J5S	C404117	06-04-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	J5S	C404118	06-04-03	100.0	99.9	100.3
KUE	SCHLUMBERGER	J5S	C404119	06-04-03	99.9	100.1	99.9
KUE	SCHLUMBERGER	J5S	C404120	06-04-03	100.0	100.0	100.2
KUE	SCHLUMBERGER	J5S	C404121	06-04-03	99.9	99.9	99.9
KUE	SCHLUMBERGER	J5S	C404122	06-04-03	100.1	100.0	100.2
KUE	SCHLUMBERGER	J5S	C404123	06-04-03	99.9	99.7	99.9
KUE	SCHLUMBERGER	J5S	C404124	06-04-03	100.0	99.7	99.8
KUE	SCHLUMBERGER	J5S	C404125	06-04-03	99.8	99.9	99.7
KUE	SCHLUMBERGER	J5S	C404126	06-04-03	100.0	100.0	99.8
KUE	SCHLUMBERGER	J5S	C404127	06-04-03	99.8	99.6	99.8
KUE	SCHLUMBERGER	J5S	C404128	06-04-03	100.0	99.8	100.3
KUE	SCHLUMBERGER	J5S	C404129	06-04-03	100.0	99.7	100.0
KUE	SCHLUMBERGER	J5S	C404130	06-04-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	J5S	C404131	06-04-03	100.2	100.0	100.1
KUE	SCHLUMBERGER	J5S	C404132	06-04-03	100.3	100.0	100.1
KUE	SCHLUMBERGER	J5S	C404133	06-04-03	100.1	99.7	100.1
KUE	SCHLUMBERGER	J5S	C404134	06-04-03	100.0	99.8	99.9
KUE	SCHLUMBERGER	J5S	C404135	06-04-03	100.1	99.9	99.8
KUE	SCHLUMBERGER	J5S	C404136	06-04-03	100.0	100.0	99.7
KUE	SCHLUMBERGER	J5S	C404137	06-04-03	100.2	99.9	100.2

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CO	MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACTOR
KUE	SCHLUMBERGER	J55	C404138	06-04-03	100.0	99.9	99.8
KUE	SCHLUMBERGER	J55	C404139	06-04-03	100.1	100.0	100.3
KUE	SCHLUMBERGER	J55	C404140	06-04-03	100.1	100.0	100.0
KUE	SCHLUMBERGER	J55	C404141	06-04-03	100.2	100.0	100.0
KUE	SCHLUMBERGER	J55	C404142	06-04-03	100.3	99.9	100.3
KUE	SCHLUMBERGER	J55	C404143	06-04-03	100.2	99.8	99.8
KUE	SCHLUMBERGER	J55	C404144	06-04-03	100.1	100.1	100.1
KUE	SCHLUMBERGER	J55	C404145	06-04-03	99.9	100.1	100.2
KUE	SCHLUMBERGER	J55	C404146	06-04-03	100.0	99.9	99.9
KUE	SCHLUMBERGER	J55	C404147	06-04-03	99.9	100.0	100.2
KUE	SCHLUMBERGER	J55	C404148	06-04-03	100.1	99.9	100.0
KUE	SCHLUMBERGER	J55	C404149	06-04-03	99.9	99.7	99.9
KUE	SCHLUMBERGER	J55	C404150	06-04-03	100.3	100.1	100.3
KUE	SCHLUMBERGER	J55	C404151	06-04-03	100.1	99.9	100.0
KUE	SCHLUMBERGER	J55	C404152	06-04-03	100.3	100.1	100.4
KUE	SCHLUMBERGER	J55	C404153	06-04-03	100.0	100.4	100.2
KUE	SCHLUMBERGER	J55	C404154	06-04-03	100.3	99.8	99.5
KUE	SCHLUMBERGER	J55	C404155	06-04-03	100.0	100.0	99.9
KUE	SCHLUMBERGER	J55	C404156	06-04-03	100.1	100.1	99.4
KUE	SCHLUMBERGER	J55	C404157	06-04-03	100.0	100.0	100.5
KUE	SCHLUMBERGER	J55	C404158	06-04-03	100.2	100.2	100.5
KUE	SCHLUMBERGER	J55	C404159	06-04-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	J55	C404160	06-04-03	99.9	99.7	100.0
KUE	SCHLUMBERGER	J55	C404161	06-04-03	100.2	100.1	100.1
KUE	SCHLUMBERGER	J55	C404162	06-04-03	100.0	99.8	100.5
KUE	SCHLUMBERGER	J55	C404163	06-03-03	100.0	99.7	100.6
KUE	SCHLUMBERGER	J55	C404164	06-03-03	100.1	100.0	100.5
KUE	SCHLUMBERGER	J55	C404165	06-03-03	100.2	99.6	100.4
KUE	SCHLUMBERGER	J55	C404166	06-03-03	100.1	99.9	100.0
KUE	SCHLUMBERGER	J55	C404167	06-03-03	100.0	99.6	100.1
KUE	SCHLUMBERGER	J55	C404168	06-03-03	100.0	100.2	100.5
KUE	SCHLUMBERGER	J55	C404169	06-03-03	99.9	99.9	99.6
KUE	SCHLUMBERGER	J55	C404170	06-03-03	100.1	100.0	100.1
KUE	SCHLUMBERGER	J55	C404171	06-03-03	100.1	99.9	99.7
KUE	SCHLUMBERGER	J55	C404172	06-03-03	100.0	100.1	100.4
KUE	SCHLUMBERGER	J55	C404173	06-03-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	J55	C404174	06-03-03	100.1	100.2	100.2
KUE	SCHLUMBERGER	J55	C404175	06-03-03	100.0	99.8	100.5
KUE	SCHLUMBERGER	J55	C404176	06-03-03	100.2	100.4	100.5
KUE	SCHLUMBERGER	J55	C404177	06-03-03	99.8	99.8	99.9
KUE	SCHLUMBERGER	J55	C404178	06-03-03	100.1	99.9	100.0
KUE	SCHLUMBERGER	J55	C404179	06-03-03	100.0	100.0	99.6
KUE	SCHLUMBERGER	J55	C404180	06-03-03	100.2	99.9	100.2
KUE	SCHLUMBERGER	J55	C404181	06-03-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	J55	C404182	06-03-03	100.1	99.7	100.0
KUE	SCHLUMBERGER	J55	C404183	06-03-03	100.0	99.8	99.9
KUE	SCHLUMBERGER	J55	C404184	06-03-03	100.1	100.0	100.2
KUE	SCHLUMBERGER	J55	C404185	06-03-03	99.9	99.9	99.7
KUE	SCHLUMBERGER	J55	C404186	06-03-03	99.9	99.8	99.6
KUE	SCHLUMBERGER	J55	C404187	06-03-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	J55	C404188	06-03-03	99.9	99.8	100.0

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KUE	SCHLUMBERGER	J55	C404189	06-03-03	100.3	100.2	100.4
KUE	SCHLUMBERGER	J55	C404190	06-03-03	100.0	100.1	99.8
KUE	SCHLUMBERGER	J55	C404191	06-03-03	100.1	99.9	100.0
KUE	SCHLUMBERGER	J55	C404192	06-03-03	99.8	99.6	100.0
KUE	SCHLUMBERGER	J55	C404193	06-03-03	100.0	99.8	99.9
KUE	SCHLUMBERGER	J55	C404194	06-03-03	100.1	100.3	100.5
KUE	SCHLUMBERGER	J55	C404195	06-03-03	100.2	100.3	100.2
KUE	SCHLUMBERGER	J55	C404196	06-03-03	99.8	99.7	99.9
KUE	SCHLUMBERGER	J55	C404197	06-03-03	100.0	99.7	100.4
KUE	SCHLUMBERGER	J55	C404198	06-03-03	100.2	100.4	100.4
KUE	SCHLUMBERGER	J55	C404199	06-03-03	99.9	99.6	99.9
KUE	SCHLUMBERGER	J55	C404200	06-03-03	100.1	100.3	100.3
KUE	SCHLUMBERGER	J55	C404201	06-03-03	100.1	100.1	100.3
KUE	SCHLUMBERGER	J55	C404202	06-03-03	100.2	100.2	100.4
KUE	SCHLUMBERGER	J55	C404203	06-03-03	99.9	99.7	99.9
KUE	SCHLUMBERGER	J55	C404204	06-03-03	100.0	99.9	99.8
KUE	SCHLUMBERGER	J55	C404205	06-03-03	100.0	99.8	100.0
KUE	SCHLUMBERGER	J55	C404206	06-03-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	J55	C404207	06-03-03	100.0	99.9	100.2
KUE	SCHLUMBERGER	J55	C404208	06-03-03	99.8	99.6	100.2
KUE	SCHLUMBERGER	J55	C404209	06-03-03	99.8	99.8	100.1
KUE	SCHLUMBERGER	J55	C404210	06-03-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	J55	C404211	06-03-03	100.0	99.8	100.0
KUE	SCHLUMBERGER	J55	C404212	06-03-03	100.1	99.8	100.3
KUE	SCHLUMBERGER	J55	C404213	06-03-03	99.9	100.0	99.9
KUE	SCHLUMBERGER	J55	C404214	06-03-03	100.3	99.8	100.0
KUE	SCHLUMBERGER	J55	C404215	06-03-03	100.0	99.7	99.9
KUE	SCHLUMBERGER	J55	C404216	06-03-03	100.1	99.7	100.1
KUE	SCHLUMBERGER	J55	C404217	06-03-03	99.8	99.9	99.8
KUE	SCHLUMBERGER	J55	C404218	06-03-03	100.1	99.8	100.1
KUE	SCHLUMBERGER	J55	C404219	06-03-03	99.9	99.8	100.2
KUE	SCHLUMBERGER	J55	C404220	06-03-03	100.2	100.1	100.6
KUE	SCHLUMBERGER	J55	C404221	06-03-03	100.1	100.2	100.2
KUE	SCHLUMBERGER	J55	C404222	06-03-03	99.9	99.8	100.1
KUE	SCHLUMBERGER	J55	C404223	06-03-03	100.0	100.2	100.1
KUE	SCHLUMBERGER	J55	C404224	06-03-03	100.0	99.9	100.2
KUE	SCHLUMBERGER	J55	C404225	06-03-03	99.9	99.8	99.7
KUE	SCHLUMBERGER	J55	C404226	06-03-03	100.3	99.8	100.1
KUE	SCHLUMBERGER	J55	C404227	06-03-03	100.0	99.9	100.2
KUE	SCHLUMBERGER	J55	C404228	06-03-03	100.1	99.9	100.6
KUE	SCHLUMBERGER	J55	C404229	06-03-03	100.3	100.0	100.5
KUE	SCHLUMBERGER	J55	C404230	06-03-03	100.2	100.0	100.7
KUE	SCHLUMBERGER	J55	C404231	06-03-03	99.9	99.9	99.5
KUE	SCHLUMBERGER	J55	C404232	06-03-03	100.1	99.8	100.2
KUE	SCHLUMBERGER	J55	C404233	06-03-03	99.9	99.9	100.1
KUE	SCHLUMBERGER	J55	C404234	06-03-03	100.2	100.2	99.9
KUE	SCHLUMBERGER	J55	C404235	06-03-03	100.1	100.3	100.5
KUE	SCHLUMBERGER	J55	C404236	06-03-03	100.1	99.9	100.4
KUE	SCHLUMBERGER	J55	C404237	06-03-03	100.2	99.8	100.0
KUE	SCHLUMBERGER	J55	C404238	06-03-03	100.1	99.9	100.4
KUE	SCHLUMBERGER	J55	C404239	06-03-03	99.9	99.9	100.2



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KUE	SCHLUMBERGER	J5S	C404240	06-03-03	99.9	99.8	100.0
KUE	SCHLUMBERGER	J5S	C404241	06-03-03	99.9	99.8	99.7
KUE	SCHLUMBERGER	J5S	C404242	06-03-03	100.0	100.1	100.4
KUE	SCHLUMBERGER	J5S	C404243	06-03-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	J5S	C404244	06-03-03	100.0	99.8	100.3
KUE	SCHLUMBERGER	J5S	C404245	06-03-03	100.2	99.9	99.8
KUE	SCHLUMBERGER	J5S	C404246	06-03-03	100.3	99.9	100.1
KUE	SCHLUMBERGER	J5S	C404247	06-03-03	99.9	99.6	99.8
KUE	SCHLUMBERGER	J5S	C404248	06-03-03	100.1	100.2	99.6
KUE	SCHLUMBERGER	J5S	C404249	06-03-03	100.0	100.1	99.7
KUE	SCHLUMBERGER	J5S	C404250	06-03-03	100.1	100.2	100.1
KUE	SCHLUMBERGER	J5S	C404251	06-03-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	J5S	C404252	06-03-03	100.2	99.7	100.3
KUE	SCHLUMBERGER	J5S	C404253	06-03-03	100.2	100.0	100.2
KUE	SCHLUMBERGER	J5S	C404254	06-03-03	100.0	99.9	99.7
KUE	SCHLUMBERGER	J5S	C404255	06-03-03	100.2	100.2	99.7
KUE	SCHLUMBERGER	J5S	C404256	06-03-03	100.1	100.1	100.2
KUE	SCHLUMBERGER	J5S	C404257	06-03-03	100.1	99.9	100.2
KUE	SCHLUMBERGER	J5S	C404258	06-03-03	100.1	100.1	100.4
KUE	SCHLUMBERGER	J5S	C404259	06-03-03	100.0	100.1	100.4
KUE	SCHLUMBERGER	J5S	C404260	06-03-03	100.0	99.8	99.9
KUE	SCHLUMBERGER	J5S	C404261	06-03-03	100.1	100.1	100.4
KUE	SCHLUMBERGER	J5S	C404262	06-03-03	100.0	99.8	99.7
KUE	SCHLUMBERGER	J5S	C404263	06-03-03	100.1	99.8	100.0
KUE	SCHLUMBERGER	J5S	C404264	06-03-03	100.1	100.2	100.1
KUE	SCHLUMBERGER	J5S	C404265	06-03-03	100.0	99.8	100.1
KUE	SCHLUMBERGER	J5S	C404266	06-03-03	100.2	99.7	99.9
KUE	SCHLUMBERGER	J5S	C404267	06-03-03	100.0	99.8	99.6
KUE	SCHLUMBERGER	J5S	C404268	06-03-03	100.3	100.0	100.0
KUE	SCHLUMBERGER	J5S	C404269	06-03-03	100.1	100.0	100.2
KUE	SCHLUMBERGER	J5S	C404270	06-03-03	100.2	100.0	100.0
KUE	SCHLUMBERGER	J5S	C404271	06-03-03	100.0	100.0	100.3
KUE	SCHLUMBERGER	J5S	C404272	06-03-03	100.1	100.0	100.0
KUE	SCHLUMBERGER	J5S	C404273	06-03-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	J5S	C404274	06-03-03	100.1	100.0	99.8
KUE	SCHLUMBERGER	J5S	C404275	06-03-03	100.2	100.1	100.2
KUE	SCHLUMBERGER	J5S	C404276	06-03-03	99.9	99.8	99.9
KUE	SCHLUMBERGER	J5S	C404277	06-03-03	100.2	99.7	100.2
KUE	SCHLUMBERGER	J5S	C404278	06-03-03	100.1	99.7	100.2
KUE	SCHLUMBERGER	J5S	C404279	06-03-03	100.2	99.8	99.9
KUE	SCHLUMBERGER	J5S	C404280	06-03-03	100.2	99.8	100.1
KUE	SCHLUMBERGER	J5S	C404281	06-03-03	100.1	99.8	99.8
KUE	SCHLUMBERGER	J5S	C404282	06-03-03	99.8	100.2	100.3
KUE	SCHLUMBERGER	J5S	C404283	06-03-03	100.1	99.8	100.2
KUE	SCHLUMBERGER	J5S	C404284	06-03-03	100.0	100.0	100.3
KUE	SCHLUMBERGER	J5S	C404285	06-03-03	100.2	99.6	100.1
KUE	SCHLUMBERGER	J5S	C404286	06-03-03	100.2	100.1	99.5
KUE	SCHLUMBERGER	J5S	C404287	06-03-03	100.0	100.1	100.8
KUE	SCHLUMBERGER	J5S	C404288	06-03-03	100.0	100.0	99.7
KUE	SCHLUMBERGER	J5S	C404289	06-03-03	100.2	100.1	99.9
KUE	SCHLUMBERGER	J5S	C404290	06-03-03	100.0	99.7	99.9

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CO	MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACTOR
KUE	SCHLUMBERGER	J55	C404291	06-03-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	J55	C404292	06-03-03	100.2	99.7	100.0
KUE	SCHLUMBERGER	J55	C404293	06-03-03	100.0	100.1	99.9
KUE	SCHLUMBERGER	J55	C404294	06-03-03	100.0	99.9	99.7
KUE	SCHLUMBERGER	J55	C404295	06-03-03	100.0	99.7	99.6
KUE	SCHLUMBERGER	J55	C404296	06-03-03	99.9	99.9	99.8
KUE	SCHLUMBERGER	J55	C404297	06-03-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	J55	C404298	06-03-03	100.3	99.9	100.1
KUE	SCHLUMBERGER	J55	C404299	06-03-03	99.8	100.3	99.7
KUE	SCHLUMBERGER	J55	C404300	06-03-03	99.9	99.8	100.0
KUE	SCHLUMBERGER	J55	C404301	06-03-03	100.2	99.8	100.1
KUE	SCHLUMBERGER	J55	C404302	06-03-03	100.0	99.8	99.9
KUE	SCHLUMBERGER	J55	C404303	06-03-03	99.9	100.0	99.9
KUE	SCHLUMBERGER	J55	C404304	06-03-03	99.9	99.8	99.9
KUE	SCHLUMBERGER	J55	C404305	06-03-03	100.2	100.0	100.4
KUE	SCHLUMBERGER	J55	C404306	06-03-03	100.1	99.8	99.8
KUE	SCHLUMBERGER	J55	C404307	06-03-03	100.2	99.9	100.0
KUE	SCHLUMBERGER	J55	C404308	06-03-03	99.9	100.1	99.8
KUE	SCHLUMBERGER	J55	C404309	06-03-03	100.0	99.8	100.0
KUE	SCHLUMBERGER	J55	C404310	06-03-03	100.1	100.3	100.2
KUE	SCHLUMBERGER	J55	C404311	06-03-03	100.1	99.8	100.0
KUE	SCHLUMBERGER	J55	C404312	06-03-03	100.0	99.8	100.5
KUE	SCHLUMBERGER	J55	C404313	06-03-03	100.2	99.9	100.1
KUE	SCHLUMBERGER	J55	C404314	06-03-03	100.0	99.8	100.1
KUE	SCHLUMBERGER	J55	C404315	06-03-03	100.0	99.7	99.5
KUE	SCHLUMBERGER	J55	C404316	06-03-03	100.1	100.2	100.5
KUE	SCHLUMBERGER	J55	C404317	06-03-03	100.1	99.8	99.6
KUE	SCHLUMBERGER	J55	C404318	06-03-03	100.2	100.0	99.8
KUE	SCHLUMBERGER	J55	C404319	06-03-03	100.0	99.7	100.1
KUE	SCHLUMBERGER	J55	C404320	06-03-03	99.9	99.8	99.9
KUE	SCHLUMBERGER	J55	C404321	06-03-03	100.0	99.8	100.2
KUE	SCHLUMBERGER	J55	C404322	06-03-03	99.9	99.9	100.2
KUE	SCHLUMBERGER	J55	C404323	06-03-03	100.2	100.4	100.0
KUE	SCHLUMBERGER	J55	C404324	06-03-03	99.9	99.9	100.3
KUE	SCHLUMBERGER	J55	C404325	06-03-03	100.1	100.2	100.1
KUE	SCHLUMBERGER	J55	C404326	06-03-03	100.1	99.9	100.4
KUE	SCHLUMBERGER	J55	C404327	06-03-03	100.1	99.8	100.1
KUE	SCHLUMBERGER	J55	C404328	06-03-03	99.9	99.8	100.0
KUE	SCHLUMBERGER	J55	C404329	06-03-03	99.9	99.9	100.3
KUE	SCHLUMBERGER	J55	C404330	06-03-03	100.3	99.8	100.0
KUE	SCHLUMBERGER	J55	C404331	06-03-03	100.1	100.1	100.1
KUE	SCHLUMBERGER	J55	C404332	06-03-03	100.2	99.8	100.3
KUE	SCHLUMBERGER	J55	C404333	06-03-03	99.8	99.9	99.9
KUE	SCHLUMBERGER	J55	C404334	06-03-03	99.8	99.9	99.9
KUE	SCHLUMBERGER	J55	C404335	06-03-03	100.2	100.0	99.9
KUE	SCHLUMBERGER	J55	C404336	06-03-03	99.9	100.0	100.4
KUE	SCHLUMBERGER	J55	C404337	06-03-03	100.0	100.0	99.8
KUE	SCHLUMBERGER	J55	C404338	06-03-03	100.1	100.1	100.0
KUE	SCHLUMBERGER	J55	C404339	06-03-03	100.2	99.7	100.0
KUE	SCHLUMBERGER	J55	C404340	06-03-03	100.1	100.3	100.4
KUE	SCHLUMBERGER	J55	C404341	06-03-03	99.9	99.6	99.8
KUE	SCHLUMBERGER	J55	C404341	06-03-03	100.2	99.8	99.7

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KUE	SCHLUMBERGER	J5S	C404342	06-03-03	100.1	100.0	99.4
KUE	SCHLUMBERGER	J5S	C404343	06-03-03	100.1	100.0	100.4
KUE	SCHLUMBERGER	J5S	C404344	06-03-03	100.3	100.1	99.8
KUE	SCHLUMBERGER	J5S	C404345	06-03-03	100.0	99.7	99.8
KUE	SCHLUMBERGER	J5S	C404346	06-03-03	100.1	99.7	100.0
KUE	SCHLUMBERGER	J5S	C404347	06-03-03	100.2	99.9	100.3
KUE	SCHLUMBERGER	J5S	C404348	06-03-03	100.3	100.6	100.6
KUE	SCHLUMBERGER	J5S	C404349	06-03-03	100.2	99.7	100.0
KUE	SCHLUMBERGER	J5S	C404350	06-03-03	100.1	99.7	100.1
KUE	SCHLUMBERGER	J5S	C404351	06-03-03	100.2	99.8	99.9
KUE	SCHLUMBERGER	J5S	C404352	06-03-03	100.3	99.8	100.4
KUE	SCHLUMBERGER	J5S	C404353	06-03-03	100.1	99.6	100.1
KUE	SCHLUMBERGER	J5S	C404354	06-03-03	99.9	99.8	100.2
KUE	SCHLUMBERGER	J5S	C404355	06-03-03	100.2	99.8	100.0
KUE	SCHLUMBERGER	J5S	C404356	06-03-03	99.9	99.8	99.6
KUE	SCHLUMBERGER	J5S	C404357	06-03-03	100.0	100.0	99.8
KUE	SCHLUMBERGER	J5S	C404358	06-03-03	99.8	99.9	100.4
KUE	SCHLUMBERGER	J5S	C404359	06-03-03	100.1	100.0	100.5
KUE	SCHLUMBERGER	J5S	C404360	06-03-03	100.2	99.8	100.0
KUE	SCHLUMBERGER	J5S	C404361	06-03-03	100.0	99.7	99.8
KUE	SCHLUMBERGER	J5S	C404362	06-03-03	99.9	99.9	99.9
KUE	SCHLUMBERGER	J5S	C404363	06-03-03	100.2	100.1	100.0
KUE	SCHLUMBERGER	J5S	C404364	06-03-03	99.9	99.8	100.3
KUE	SCHLUMBERGER	J5S	C404365	06-03-03	100.0	100.1	99.5
KUE	SCHLUMBERGER	J5S	C404366	06-03-03	99.9	100.2	99.9
KUE	SCHLUMBERGER	J5S	C404367	06-03-03	99.8	99.6	100.2
KUE	SCHLUMBERGER	J5S	C404368	06-03-03	99.9	99.8	99.6
KUE	SCHLUMBERGER	J5S	C404369	06-03-03	100.2	99.9	100.3
KUE	SCHLUMBERGER	J5S	C404370	06-03-03	100.3	99.9	100.6
KUE	SCHLUMBERGER	J5S	C404371	06-03-03	100.0	99.9	100.5
KUE	SCHLUMBERGER	J5S	C404372	06-03-03	100.0	99.8	100.3
KUE	SCHLUMBERGER	J5S	C404373	06-03-03	100.1	99.7	100.4
KUE	SCHLUMBERGER	J5S	C404374	06-03-03	99.9	99.7	100.4
KUE	SCHLUMBERGER	J5S	C404375	06-03-03	100.1	99.9	100.2
KUE	SCHLUMBERGER	J5S	C404376	06-03-03	100.1	99.9	100.0
KUE	SCHLUMBERGER	J5S	C404377	06-03-03	100.1	100.2	100.0
KUE	SCHLUMBERGER	J5S	C404378	06-03-03	99.8	100.0	100.0
KUE	SCHLUMBERGER	J5S	C404379	06-03-03	100.1	100.2	100.0
KUE	SCHLUMBERGER	J5S	C404380	06-03-03	99.9	100.0	99.9
KUE	SCHLUMBERGER	J5S	C404381	06-03-03	100.0	99.8	99.8
KUE	SCHLUMBERGER	J5S	C404382	06-03-03	100.0	99.7	100.4
KUE	SCHLUMBERGER	J5S	C404383	06-03-03	100.0	100.1	100.5
KUE	SCHLUMBERGER	J5S	C404384	06-03-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	J5S	C404385	06-03-03	99.9	99.7	99.8
KUE	SCHLUMBERGER	J5S	C404386	06-03-03	100.1	100.1	100.1
KUE	SCHLUMBERGER	J5S	C404387	06-03-03	100.0	100.3	100.4
KUE	SCHLUMBERGER	J5S	C404388	06-03-03	99.9	99.7	100.1
KUE	SCHLUMBERGER	J5S	C404389	06-03-03	100.1	99.9	100.5
KUE	SCHLUMBERGER	J5S	C404390	06-03-03	100.0	99.7	100.2
KUE	SCHLUMBERGER	J5S	C404391	06-03-03	100.0	100.1	100.6
KUE	SCHLUMBERGER	J5S	C404392	06-03-03	100.0	100.1	99.7

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CO	MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACTOR
KUE	SCHLUMBERGER	J55	C404393	06-03-03	99.9	100.3	100.2
KUE	SCHLUMBERGER	J55	C404394	06-03-03	99.9	99.8	99.9
KUE	SCHLUMBERGER	J55	C404395	06-03-03	100.0	99.7	99.7
KUE	SCHLUMBERGER	J55	C404396	06-03-03	100.0	100.0	100.3
KUE	SCHLUMBERGER	J55	C404397	06-03-03	100.1	100.2	100.4
KUE	SCHLUMBERGER	J55	C404398	06-03-03	100.1	99.8	100.4
KUE	SCHLUMBERGER	J55	C404399	06-03-03	100.1	100.0	100.2
KUE	SCHLUMBERGER	J55	C404400	06-03-03	100.1	100.2	100.0
KUE	SCHLUMBERGER	J55	C404401	06-03-03	100.1	99.9	100.0
KUE	SCHLUMBERGER	J55	C404402	06-03-03	100.0	100.0	100.3
KUE	SCHLUMBERGER	J55	C404403	06-03-03	100.1	99.9	100.2
KUE	SCHLUMBERGER	J55	C404404	06-03-03	100.1	99.7	100.1
KUE	SCHLUMBERGER	J55	C404405	06-03-03	100.1	99.8	100.0
KUE	SCHLUMBERGER	J55	C404406	06-03-03	100.0	100.1	100.5
KUE	SCHLUMBERGER	J55	C404407	06-03-03	100.1	99.9	100.3
KUE	SCHLUMBERGER	J55	C404408	06-03-03	100.3	100.1	100.6
KUE	SCHLUMBERGER	J55	C404409	06-03-03	100.2	100.0	100.9
KUE	SCHLUMBERGER	J55	C404410	06-03-03	100.2	100.1	100.6
KUE	SCHLUMBERGER	J55	C404411	06-03-03	100.1	100.0	100.0
KUE	SCHLUMBERGER	J55	C404412	06-03-03	100.1	100.4	100.0
KUE	SCHLUMBERGER	J55	C404413	06-03-03	99.8	99.8	100.0
KUE	SCHLUMBERGER	J55	C404414	06-03-03	99.9	99.8	100.0
KUE	SCHLUMBERGER	J55	C404415	06-03-03	100.2	100.0	100.3
KUE	SCHLUMBERGER	J55	C404416	06-03-03	100.1	100.0	99.5
KUE	SCHLUMBERGER	J55	C404417	06-03-03	100.0	99.6	99.6
KUE	SCHLUMBERGER	J55	C404418	06-03-03	100.0	100.0	99.9
KUE	SCHLUMBERGER	J55	C404419	06-03-03	100.1	100.1	100.3
KUE	SCHLUMBERGER	J55	C404420	06-02-03	100.1	100.2	100.1
KUE	SCHLUMBERGER	J55	C404421	09-02-03	100.1	100.2	100.3
KUE	SCHLUMBERGER	J55	C404422	09-02-03	99.9	100.2	100.0
KUE	SCHLUMBERGER	J55	C404423	09-02-03	99.8	100.0	100.2
KUE	SCHLUMBERGER	J55	C404424	09-02-03	99.9	100.0	99.9
KUE	SCHLUMBERGER	J55	C404425	09-02-03	100.0	99.8	100.2
KUE	SCHLUMBERGER	J55	C404426	09-02-03	100.1	100.0	100.2
KUE	SCHLUMBERGER	J55	C404427	09-02-03	99.8	99.9	100.2
KUE	SCHLUMBERGER	J55	C404428	09-02-03	100.1	100.1	100.1
KUE	SCHLUMBERGER	J55	C404429	09-02-03	99.8	99.9	100.6
KUE	SCHLUMBERGER	J55	C404430	09-02-03	100.3	100.2	100.0
KUE	SCHLUMBERGER	J55	C404431	09-02-03	100.1	100.2	100.3
KUE	SCHLUMBERGER	J55	C404432	09-02-03	99.9	99.8	99.9
KUE	SCHLUMBERGER	J55	C404433	09-02-03	100.0	99.8	100.2
KUE	SCHLUMBERGER	J55	C404434	09-02-03	100.3	100.3	100.5
KUE	SCHLUMBERGER	J55	C404435	09-02-03	99.9	99.9	100.1
KUE	SCHLUMBERGER	J55	C404436	09-02-03	100.1	100.1	99.7
KUE	SCHLUMBERGER	J55	C404437	09-02-03	100.0	100.0	100.2
KUE	SCHLUMBERGER	J55	C404438	09-02-03	100.2	100.0	100.4
KUE	SCHLUMBERGER	J55	C404439	09-02-03	99.8	99.9	100.0
KUE	SCHLUMBERGER	J55	C404440	09-02-03	100.2	100.0	100.0
KUE	SCHLUMBERGER	J55	C404441	09-02-03	100.1	99.8	100.1
KUE	SCHLUMBERGER	J55	C404442	09-02-03	100.2	100.4	100.6
KUE	SCHLUMBERGER	J55	C404443	09-02-03	100.2	99.9	100.2

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KUE	SCHLUMBERGER	J55	C404444	09-02-03	99.8	100.0	99.8
KUE	SCHLUMBERGER	J55	C404445	09-02-03	100.1	100.2	100.5
KUE	SCHLUMBERGER	J55	C404446	09-02-03	100.1	100.0	100.2
KUE	SCHLUMBERGER	J55	C404447	09-02-03	100.0	100.1	99.7
KUE	SCHLUMBERGER	J55	C404448	09-02-03	100.0	99.8	100.3
KUE	SCHLUMBERGER	J55	C404449	09-02-03	99.8	99.9	100.3
KUE	SCHLUMBERGER	J55	C404450	09-02-03	100.1	100.0	99.8
KUE	SCHLUMBERGER	J55	C404451	09-02-03	99.9	100.2	99.3
KUE	SCHLUMBERGER	J55	C404452	09-02-03	100.2	100.0	100.0
KUE	SCHLUMBERGER	J55	C404453	09-02-03	100.0	100.0	99.8
KUE	SCHLUMBERGER	J55	C404454	09-02-03	100.2	100.2	100.1
KUE	SCHLUMBERGER	J55	C404455	09-02-03	99.9	99.9	99.8
KUE	SCHLUMBERGER	J55	C404456	09-02-03	99.8	99.9	99.9
KUE	SCHLUMBERGER	J55	C404457	09-02-03	100.0	99.6	99.9
KUE	SCHLUMBERGER	J55	C404458	09-02-03	100.2	100.5	100.3
KUE	SCHLUMBERGER	J55	C404459	09-02-03	100.3	100.1	100.4
KUE	SCHLUMBERGER	J55	C404460	09-02-03	100.1	100.2	100.3
KUE	SCHLUMBERGER	J55	C404461	09-02-03	100.1	100.1	100.6
KUE	SCHLUMBERGER	J55	C404462	09-02-03	100.0	100.1	99.9
KUE	SCHLUMBERGER	J55	C404463	09-02-03	99.8	100.1	100.2
KUE	SCHLUMBERGER	J55	C404464	09-02-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	J55	C404465	09-02-03	100.1	100.0	100.5
KUE	SCHLUMBERGER	J55	C404466	09-02-03	100.1	100.4	100.2
KUE	SCHLUMBERGER	J55	C404467	09-02-03	99.9	99.8	100.0
KUE	SCHLUMBERGER	J55	C404468	09-02-03	100.1	100.1	99.9
KUE	SCHLUMBERGER	J55	C404469	09-02-03	100.0	99.7	99.9
KUE	SCHLUMBERGER	J55	C404470	09-02-03	99.9	100.0	99.8
KUE	SCHLUMBERGER	J55	C404471	09-02-03	100.2	99.9	99.8
KUE	SCHLUMBERGER	J55	C404472	09-02-03	100.2	99.7	100.2
KUE	SCHLUMBERGER	J55	C404473	09-02-03	99.9	99.9	100.1
KUE	SCHLUMBERGER	J55	C404474	09-02-03	100.1	100.1	99.7
KUE	SCHLUMBERGER	J55	C404475	09-02-03	100.1	100.2	99.9
KUE	SCHLUMBERGER	J55	C404476	09-02-03	100.2	99.7	99.8
KUE	SCHLUMBERGER	J55	C404477	09-02-03	100.0	99.8	100.4
KUE	SCHLUMBERGER	J55	C404478	09-02-03	100.0	99.8	100.1
KUE	SCHLUMBERGER	J55	C404479	09-02-03	100.1	99.7	99.8
KUE	SCHLUMBERGER	J55	C404480	09-02-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	J55	C404481	09-02-03	100.1	99.8	100.0
KUE	SCHLUMBERGER	J55	C404482	09-02-03	100.2	99.8	100.1
KUE	SCHLUMBERGER	J55	C404483	09-02-03	100.0	99.8	99.9
KUE	SCHLUMBERGER	J55	C404484	09-02-03	100.3	100.2	100.4
KUE	SCHLUMBERGER	J55	C404485	09-02-03	99.9	100.1	100.0
KUE	SCHLUMBERGER	J55	C404486	09-02-03	100.0	99.9	99.9
KUE	SCHLUMBERGER	J55	C404487	09-02-03	100.2	100.3	99.9
KUE	SCHLUMBERGER	J55	C404488	09-02-03	100.1	100.1	100.2
KUE	SCHLUMBERGER	J55	C404489	09-02-03	100.3	100.1	100.2
KUE	SCHLUMBERGER	J55	C404490	09-02-03	100.1	100.1	99.9
KUE	SCHLUMBERGER	J55	C404491	09-02-03	100.0	100.1	100.0
KUE	SCHLUMBERGER	J55	C404492	09-02-03	100.2	100.1	100.0
KUE	SCHLUMBERGER	J55	C404493	09-02-03	100.0	100.1	100.0
KUE	SCHLUMBERGER	J55	C404494	09-02-03	99.8	99.7	99.9

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KUE	SCHLUMBERGER	J55	C404495	09-02-03	100.0	99.9	99.9
KUE	SCHLUMBERGER	J55	C404496	09-02-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	J55	C404497	09-02-03	100.0	99.8	99.7
KUE	SCHLUMBERGER	J55	C404498	09-02-03	100.0	99.6	99.9
KUE	SCHLUMBERGER	J55	C404499	09-02-03	99.9	100.0	99.8
KUE	SCHLUMBERGER	J55	C404500	09-02-03	99.9	100.1	99.8
KUE	SCHLUMBERGER	J55	C404501	09-02-03	100.0	100.1	100.0
KUE	SCHLUMBERGER	J55	C404502	09-02-03	99.9	100.1	99.8
KUE	SCHLUMBERGER	J55	C404503	09-02-03	100.0	99.8	100.1
KUE	SCHLUMBERGER	J55	C404504	09-02-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	J55	C404505	09-02-03	99.9	99.8	99.8
KUE	SCHLUMBERGER	J55	C404506	09-02-03	100.1	100.3	99.8
KUE	SCHLUMBERGER	J55	C404507	09-02-03	100.1	99.9	99.8
KUE	SCHLUMBERGER	J55	C404508	09-02-03	100.0	99.7	100.0
KUE	SCHLUMBERGER	J55	C404509	09-02-03	99.8	99.9	100.0
KUE	SCHLUMBERGER	J55	C404510	09-02-03	100.1	100.0	99.9
KUE	SCHLUMBERGER	J55	C404511	09-02-03	100.1	100.1	100.2
KUE	SCHLUMBERGER	J55	C404512	09-02-03	100.1	100.2	99.8
KUE	SCHLUMBERGER	J55	C404513	09-02-03	99.9	100.0	99.6
KUE	SCHLUMBERGER	J55	C404514	08-28-03	99.9	100.1	100.4
KUE	SCHLUMBERGER	J55	C404515	08-28-03	100.0	100.2	100.1
KUE	SCHLUMBERGER	J55	C404516	08-28-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	J55	C404517	08-28-03	99.8	99.8	100.0
KUE	SCHLUMBERGER	J55	C404518	08-28-03	100.1	100.0	100.1
KUE	SCHLUMBERGER	J55	C404519	08-28-03	100.1	100.4	100.1
KUE	SCHLUMBERGER	J55	C404520	08-28-03	100.0	100.0	100.3
KUE	SCHLUMBERGER	J55	C404521	08-28-03	100.0	99.8	100.1
KUE	SCHLUMBERGER	J55	C404522	08-28-03	100.2	100.0	100.3
KUE	SCHLUMBERGER	J55	C404523	08-28-03	99.9	100.2	99.9
KUE	SCHLUMBERGER	J55	C404524	08-28-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	J55	C404525	08-28-03	100.2	100.2	100.3
KUE	SCHLUMBERGER	J55	C404526	08-28-03	100.0	100.0	100.7
KUE	SCHLUMBERGER	J55	C404527	08-28-03	100.1	100.1	100.2
KUE	SCHLUMBERGER	J55	C404528	08-28-03	100.1	99.9	99.7
KUE	SCHLUMBERGER	J55	C404529	08-28-03	100.0	100.2	100.0
KUE	SCHLUMBERGER	J55	C404530	08-28-03	100.1	99.7	100.1
KUE	SCHLUMBERGER	J55	C404531	08-28-03	99.8	99.9	99.9
KUE	SCHLUMBERGER	J55	C404532	08-28-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	J55	C404533	08-28-03	99.9	99.7	100.2
KUE	SCHLUMBERGER	J55	C404534	08-28-03	100.0	100.0	100.2
KUE	SCHLUMBERGER	J55	C404535	08-28-03	100.0	100.0	100.3
KUE	SCHLUMBERGER	J55	C404536	08-28-03	100.1	100.2	100.3
KUE	SCHLUMBERGER	J55	C404537	08-28-03	100.0	99.8	100.0
KUE	SCHLUMBERGER	J55	C404538	08-28-03	100.0	99.8	99.9
KUE	SCHLUMBERGER	J55	C404539	08-28-03	100.2	99.7	100.3
KUE	SCHLUMBERGER	J55	C404540	08-28-03	100.0	100.2	99.9
KUE	SCHLUMBERGER	J55	C404541	08-28-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	J55	C404542	08-28-03	100.1	99.8	100.0
KUE	SCHLUMBERGER	J55	C404543	08-28-03	100.0	100.2	99.9
KUE	SCHLUMBERGER	J55	C404544	08-28-03	100.2	100.0	99.8
KUE	SCHLUMBERGER	J55	C404545	08-28-03	100.0	99.9	100.0

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KUE	SCHLUMBERGER	J55	C404546	08-28-03	99.8	99.9	99.4
KUE	SCHLUMBERGER	J55	C404547	08-28-03	100.0	100.0	100.2
KUE	SCHLUMBERGER	J55	C404548	08-28-03	100.1	100.2	99.7
KUE	SCHLUMBERGER	J55	C404549	08-28-03	100.0	100.2	100.4
KUE	SCHLUMBERGER	J55	C404550	08-28-03	100.0	99.7	99.9
KUE	SCHLUMBERGER	J55	C404551	08-28-03	100.1	100.3	100.2
KUE	SCHLUMBERGER	J55	C404552	08-28-03	100.1	99.9	100.1
KUE	SCHLUMBERGER	J55	C404553	08-28-03	100.1	100.1	100.3
KUE	SCHLUMBERGER	J55	C404554	08-28-03	99.8	99.6	99.8
KUE	SCHLUMBERGER	J55	C404555	08-28-03	99.9	100.2	100.3
KUE	SCHLUMBERGER	J55	C404556	08-28-03	99.9	99.9	99.8
KUE	SCHLUMBERGER	J55	C404557	08-28-03	100.3	100.1	100.0
KUE	SCHLUMBERGER	J55	C404558	08-28-03	100.0	100.4	100.0
KUE	SCHLUMBERGER	J55	C404559	08-28-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	J55	C404560	08-28-03	100.1	99.9	100.4
KUE	SCHLUMBERGER	J55	C404561	08-28-03	100.0	100.1	100.4
KUE	SCHLUMBERGER	J55	C404562	08-28-03	100.0	99.8	99.8
KUE	SCHLUMBERGER	J55	C404563	08-28-03	100.0	99.9	99.9
KUE	SCHLUMBERGER	J55	C404564	08-28-03	100.1	100.3	100.1
KUE	SCHLUMBERGER	J55	C404565	08-28-03	100.0	99.9	99.6
KUE	SCHLUMBERGER	J55	C404566	08-28-03	99.9	99.8	99.9
KUE	SCHLUMBERGER	J55	C404567	08-28-03	100.0	100.1	100.0
KUE	SCHLUMBERGER	J55	C404568	08-28-03	100.3	100.5	99.8
KUE	SCHLUMBERGER	J55	C404569	08-28-03	100.1	100.0	100.1
KUE	SCHLUMBERGER	J55	C404570	08-28-03	100.2	100.0	100.3
KUE	SCHLUMBERGER	J55	C404571	08-28-03	99.9	99.9	99.7
KUE	SCHLUMBERGER	J55	C404572	08-28-03	100.3	99.9	100.4
KUE	SCHLUMBERGER	J55	C404573	08-28-03	100.1	99.7	99.5
KUE	SCHLUMBERGER	J55	C404574	08-28-03	100.2	100.0	100.5
KUE	SCHLUMBERGER	J55	C404575	08-28-03	99.8	99.7	99.8
KUE	SCHLUMBERGER	J55	C404576	08-28-03	100.2	100.1	100.7
KUE	SCHLUMBERGER	J55	C404577	08-28-03	99.9	99.9	99.4
KUE	SCHLUMBERGER	J55	C404578	08-28-03	100.2	99.7	100.2
KUE	SCHLUMBERGER	J55	C404579	08-28-03	99.9	99.8	100.5
KUE	SCHLUMBERGER	J55	C404580	08-28-03	100.0	100.0	99.7
KUE	SCHLUMBERGER	J55	C404581	08-28-03	100.2	99.9	100.4
KUE	SCHLUMBERGER	J55	C404582	08-28-03	100.1	99.8	100.4
KUE	SCHLUMBERGER	J55	C404583	08-28-03	100.0	99.7	99.5
KUE	SCHLUMBERGER	J55	C404584	08-28-03	99.9	100.0	99.7
KUE	SCHLUMBERGER	J55	C404585	08-28-03	99.8	100.1	99.9
KUE	SCHLUMBERGER	J55	C404586	08-28-03	100.2	99.8	100.1
KUE	SCHLUMBERGER	J55	C404587	08-28-03	100.0	100.1	99.7
KUE	SCHLUMBERGER	J55	C404588	08-28-03	99.8	99.6	99.7
KUE	SCHLUMBERGER	J55	C404589	08-28-03	100.0	100.2	99.9
KUE	SCHLUMBERGER	J55	C404590	08-28-03	100.1	100.2	100.1
KUE	SCHLUMBERGER	J55	C404591	08-28-03	100.0	99.9	99.8
KUE	SCHLUMBERGER	J55	C404592	08-28-03	100.1	100.1	100.0
KUE	SCHLUMBERGER	J55	C404593	08-28-03	100.3	100.3	100.2
KUE	SCHLUMBERGER	J55	C404594	08-28-03	99.9	100.1	100.0
KUE	SCHLUMBERGER	J55	C404595	08-28-03	100.2	99.9	99.9
KUE	SCHLUMBERGER	J55	C404596	08-28-03	100.3	100.3	100.3

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CO	MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACTOR
KUE	SCHLUMBERGER	J5S	C404597	08-28-03	100.0	99.9	99.9
KUE	SCHLUMBERGER	J5S	C404598	08-28-03	100.1	99.9	100.3
KUE	SCHLUMBERGER	J5S	C404599	08-28-03	100.0	99.9	99.9
KUE	SCHLUMBERGER	J5S	C404600	08-28-03	100.0	100.4	99.9
KUE	SCHLUMBERGER	J5S	C404601	08-28-03	100.0	100.1	99.7
KUE	SCHLUMBERGER	J5S	C404602	08-28-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	J5S	C404603	08-28-03	100.0	99.8	99.9
KUE	SCHLUMBERGER	J5S	C404604	08-28-03	100.1	100.5	100.0
KUE	SCHLUMBERGER	J5S	C404605	08-28-03	100.2	99.9	100.0
KUE	SCHLUMBERGER	J5S	C404606	08-28-03	100.2	99.9	100.3
KUE	SCHLUMBERGER	J5S	C404607	08-28-03	99.9	100.2	99.9
KUE	SCHLUMBERGER	J5S	C404608	08-28-03	100.3	100.3	99.9
KUE	SCHLUMBERGER	J5S	C404609	08-28-03	100.1	100.1	100.0
KUE	SCHLUMBERGER	J5S	C404610	08-28-03	99.9	99.8	100.0
KUE	SCHLUMBERGER	J5S	C404611	08-28-03	100.2	100.3	100.2
KUE	SCHLUMBERGER	J5S	C404612	08-28-03	99.9	100.0	100.2
KUE	SCHLUMBERGER	J5S	C404613	08-28-03	99.9	99.6	100.2
KUE	SCHLUMBERGER	J5S	C404614	08-28-03	99.9	99.9	100.2
KUE	SCHLUMBERGER	J5S	C404615	08-28-03	100.1	99.9	100.2
KUE	SCHLUMBERGER	J5S	C404616	08-28-03	100.0	99.6	100.0
KUE	SCHLUMBERGER	J5S	C404617	08-28-03	99.9	99.9	100.2
KUE	SCHLUMBERGER	J5S	C404618	08-28-03	100.2	100.1	100.5
KUE	SCHLUMBERGER	J5S	C404619	08-28-03	100.0	99.8	99.7
KUE	SCHLUMBERGER	J5S	C404620	08-28-03	100.0	99.8	100.2
KUE	SCHLUMBERGER	J5S	C404621	08-28-03	99.9	100.3	100.5
KUE	SCHLUMBERGER	J5S	C404622	08-28-03	99.9	99.8	99.9
KUE	SCHLUMBERGER	J5S	C404623	08-28-03	100.2	100.1	100.1
KUE	SCHLUMBERGER	J5S	C404624	08-28-03	100.0	99.8	99.6
KUE	SCHLUMBERGER	J5S	C404625	08-28-03	100.2	100.0	100.2
KUE	SCHLUMBERGER	J5S	C404626	08-28-03	100.2	100.2	100.2
KUE	SCHLUMBERGER	J5S	C404627	08-28-03	100.0	100.3	99.9
KUE	SCHLUMBERGER	J5S	C404628	08-28-03	99.9	100.1	100.3
KUE	SCHLUMBERGER	J5S	C404629	08-28-03	100.2	100.2	100.0
KUE	SCHLUMBERGER	J5S	C404630	08-28-03	100.1	100.4	100.3
KUE	SCHLUMBERGER	J5S	C404631	08-28-03	100.2	100.3	100.4
KUE	SCHLUMBERGER	J5S	C404632	08-28-03	100.3	100.0	100.0
KUE	SCHLUMBERGER	J5S	C404633	08-28-03	100.1	99.9	100.4
KUE	SCHLUMBERGER	J5S	C404634	08-28-03	100.2	100.3	100.0
KUE	SCHLUMBERGER	J5S	C404635	08-28-03	100.2	100.4	100.7
KUE	SCHLUMBERGER	J5S	C404636	08-28-03	100.2	100.4	100.6
KUE	SCHLUMBERGER	J5S	C404637	08-28-03	100.1	100.4	100.2
KUE	SCHLUMBERGER	J5S	C404638	08-28-03	100.2	100.3	99.7
KUE	SCHLUMBERGER	J5S	C404639	08-28-03	100.0	100.3	100.4
KUE	SCHLUMBERGER	J5S	C404640	08-28-03	99.9	99.7	100.0
KUE	SCHLUMBERGER	J5S	C404641	08-28-03	100.3	100.1	100.1
KUE	SCHLUMBERGER	J5S	C404642	08-28-03	100.0	100.0	99.8
KUE	SCHLUMBERGER	J5S	C404643	08-28-03	100.3	100.3	100.2
KUE	SCHLUMBERGER	J5S	C404644	08-28-03	99.8	99.7	99.9
KUE	SCHLUMBERGER	J5S	C404645	08-28-03	100.3	100.4	100.5
KUE	SCHLUMBERGER	J5S	C404646	08-28-03	100.0	100.1	100.2
KUE	SCHLUMBERGER	J5S	C404647	08-28-03	100.2	100.4	100.1



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CO	MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PF FACTOR
KUE	SCHLUMBERGER	J55	C404648	08-28-03	99.9	99.9	100.1
KUE	SCHLUMBERGER	J55	C404649	08-28-03	100.1	100.1	100.1
KUE	SCHLUMBERGER	J55	C404650	08-28-03	100.0	100.3	100.2
KUE	SCHLUMBERGER	J55	C404651	08-28-03	99.8	99.8	100.1
KUE	SCHLUMBERGER	J55	C404652	08-28-03	99.9	99.8	99.5
KUE	SCHLUMBERGER	J55	C404653	08-28-03	99.8	99.9	99.9
KUE	SCHLUMBERGER	J55	C404654	08-28-03	100.3	100.1	100.0
KUE	SCHLUMBERGER	J55	C404655	08-28-03	100.0	99.8	100.0
KUE	SCHLUMBERGER	J55	C404656	08-28-03	99.8	99.7	99.7
KUE	SCHLUMBERGER	J55	C404657	08-28-03	100.1	99.8	100.0
KUE	SCHLUMBERGER	J55	C404658	08-28-03	99.9	100.1	99.8
KUE	SCHLUMBERGER	J55	C404659	08-28-03	100.2	100.1	100.4
KUE	SCHLUMBERGER	J55	C404660	08-28-03	100.1	99.9	100.2
KUE	SCHLUMBERGER	J55	C404661	08-28-03	100.2	99.8	100.2
KUE	SCHLUMBERGER	J55	C404662	08-28-03	100.1	99.9	100.3
KUE	SCHLUMBERGER	J55	C404663	08-28-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	J55	C404664	08-28-03	100.1	100.1	99.9
KUE	SCHLUMBERGER	J55	C404665	08-28-03	100.1	99.9	100.3
KUE	SCHLUMBERGER	J55	C404666	08-28-03	99.9	100.2	100.2
KUE	SCHLUMBERGER	J55	C404667	08-28-03	100.1	100.4	99.8
KUE	SCHLUMBERGER	J55	C404668	08-28-03	99.9	100.0	100.3
KUE	SCHLUMBERGER	J55	C404669	08-28-03	100.1	100.4	100.2
KUE	SCHLUMBERGER	J55	C404670	08-28-03	100.1	100.3	100.2
KUE	SCHLUMBERGER	J55	C404671	08-28-03	99.9	99.9	100.2
KUE	SCHLUMBERGER	J55	C404672	08-28-03	100.1	99.8	100.0
KUE	SCHLUMBERGER	J55	C404673	08-28-03	100.3	100.4	100.0
KUE	SCHLUMBERGER	J55	C404674	08-28-03	100.2	100.1	100.5
KUE	SCHLUMBERGER	J55	C404675	08-28-03	100.2	100.2	100.3
KUE	SCHLUMBERGER	J55	C404676	08-28-03	100.2	100.2	100.0
KUE	SCHLUMBERGER	J55	C404677	08-28-03	100.1	99.9	100.3
KUE	SCHLUMBERGER	J55	C404678	08-28-03	99.9	100.0	99.9
KUE	SCHLUMBERGER	J55	C404679	08-28-03	99.8	100.3	100.2
KUE	SCHLUMBERGER	J55	C404680	08-28-03	100.1	100.2	99.9
KUE	SCHLUMBERGER	J55	C404681	08-28-03	100.0	100.1	100.2
KUE	SCHLUMBERGER	J55	C404682	08-28-03	100.0	100.2	100.0
KUE	SCHLUMBERGER	J55	C404683	08-28-03	100.2	100.1	100.2
KUE	SCHLUMBERGER	J55	C404684	08-28-03	100.1	100.0	100.4
KUE	SCHLUMBERGER	J55	C404685	08-28-03	100.0	99.7	99.7
KUE	SCHLUMBERGER	J55	C404686	08-28-03	99.9	99.6	99.6
KUE	SCHLUMBERGER	J55	C404687	08-28-03	99.9	100.0	99.8
KUE	SCHLUMBERGER	J55	C404688	08-28-03	100.1	100.1	100.6
KUE	SCHLUMBERGER	J55	C404689	08-28-03	100.0	99.9	100.2
KUE	SCHLUMBERGER	J55	C404690	08-28-03	100.0	100.2	99.7
KUE	SCHLUMBERGER	J55	C404691	08-28-03	100.0	99.7	100.0
KUE	SCHLUMBERGER	J55	C404692	08-28-03	99.7	99.9	99.9
KUE	SCHLUMBERGER	J55	C404693	08-28-03	99.8	99.9	99.8
KUE	SCHLUMBERGER	J55	C404694	08-28-03	100.2	100.1	100.7
KUE	SCHLUMBERGER	J55	C404695	08-28-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	J55	C404696	08-28-03	100.2	100.2	100.1
KUE	SCHLUMBERGER	J55	C404697	08-28-03	100.2	99.8	99.7
KUE	SCHLUMBERGER	J55	C404698	08-28-03	100.1	99.9	100.0

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KUE	SCHLUMBERGER	J55	C404699	08-28-03	100.3	100.1	100.2
KUE	SCHLUMBERGER	J55	C404700	08-28-03	100.1	99.9	100.2
KUE	SCHLUMBERGER	J55	C404701	08-28-03	99.9	100.1	100.3
KUE	SCHLUMBERGER	J55	C404702	08-28-03	100.2	100.0	100.5
KUE	SCHLUMBERGER	J55	C404703	08-28-03	100.1	99.9	100.2
KUE	SCHLUMBERGER	J55	C404704	08-28-03	100.2	99.9	100.0
KUE	SCHLUMBERGER	J55	C404705	08-28-03	100.1	100.1	100.5
KUE	SCHLUMBERGER	J55	C404706	08-28-03	100.2	100.2	100.2
KUE	SCHLUMBERGER	J55	C404707	08-28-03	99.9	100.1	99.8
KUE	SCHLUMBERGER	J55	C404708	08-28-03	100.2	100.1	100.2
KUE	SCHLUMBERGER	J55	C404709	08-28-03	100.1	100.1	100.3
KUE	SCHLUMBERGER	J55	C404710	08-28-03	99.9	100.4	99.8
KUE	SCHLUMBERGER	J55	C404711	08-28-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	J55	C404712	08-28-03	100.3	100.4	100.3
KUE	SCHLUMBERGER	J55	C404713	08-28-03	100.2	100.1	100.2
KUE	SCHLUMBERGER	J55	C404714	08-28-03	100.3	100.4	100.2
KUE	SCHLUMBERGER	J55	C404715	08-28-03	100.1	100.2	100.2
KUE	SCHLUMBERGER	J55	C404716	08-28-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	J55	C404717	08-28-03	100.1	100.1	99.9
KUE	SCHLUMBERGER	J55	C404718	08-28-03	100.1	99.9	100.5
KUE	SCHLUMBERGER	J55	C404719	08-28-03	100.3	100.2	100.4
KUE	SCHLUMBERGER	J55	C404720	08-28-03	100.1	99.9	100.0
KUE	SCHLUMBERGER	J55	C404721	08-28-03	99.9	99.8	100.1
KUE	SCHLUMBERGER	J55	C404722	08-28-03	100.2	99.9	100.1
KUE	SCHLUMBERGER	J55	C404723	08-28-03	100.3	99.8	100.1
KUE	SCHLUMBERGER	J55	C404724	08-28-03	100.2	100.2	100.4
KUE	SCHLUMBERGER	J55	C404725	08-28-03	100.2	100.1	99.9
KUE	SCHLUMBERGER	J55	C404726	08-28-03	100.2	99.9	100.2
KUE	SCHLUMBERGER	J55	C404727	08-28-03	99.9	99.8	100.0
KUE	SCHLUMBERGER	J55	C404728	08-28-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	J55	C404729	08-28-03	100.0	99.7	99.8
KUE	SCHLUMBERGER	J55	C404730	08-28-03	100.2	99.9	99.9
KUE	SCHLUMBERGER	J55	C404731	08-28-03	100.1	100.1	100.5
KUE	SCHLUMBERGER	J55	C404732	08-28-03	100.1	99.9	100.2
KUE	SCHLUMBERGER	J55	C404733	08-28-03	100.2	100.1	100.2
KUE	SCHLUMBERGER	J55	C404734	08-28-03	100.0	100.2	99.6
KUE	SCHLUMBERGER	J55	C404735	08-28-03	99.9	99.8	99.7
KUE	SCHLUMBERGER	J55	C404736	08-28-03	100.0	100.2	99.9
KUE	SCHLUMBERGER	J55	C404737	08-28-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	J55	C404738	08-28-03	100.1	100.4	100.8
KUE	SCHLUMBERGER	J55	C404739	08-28-03	99.8	100.0	100.9
KUE	SCHLUMBERGER	J55	C404740	08-28-03	100.2	99.8	100.0
KUE	SCHLUMBERGER	J55	C404741	08-28-03	100.1	100.3	100.2
KUE	SCHLUMBERGER	J55	C404742	08-28-03	100.0	99.8	100.1
KUE	SCHLUMBERGER	J55	C404743	08-28-03	100.1	100.4	100.1
KUE	SCHLUMBERGER	J55	C404744	08-28-03	100.2	100.0	100.3
KUE	SCHLUMBERGER	J55	C404745	08-28-03	99.8	99.8	100.3
KUE	SCHLUMBERGER	J55	C404746	08-28-03	100.0	100.2	100.2
KUE	SCHLUMBERGER	J55	C404747	08-28-03	99.8	100.0	99.8
KUE	SCHLUMBERGER	J55	C404748	08-28-03	100.2	99.9	100.1
KUE	SCHLUMBERGER	J55	C404749	08-28-03	100.0	100.2	100.4

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CO	MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACTOR
KUE	SCHLUMBERGER	J55	C404750	08-28-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	J55	C404751	08-28-03	100.2	100.3	99.8
KUE	SCHLUMBERGER	J55	C404752	08-28-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	J55	C404753	08-28-03	100.0	99.9	99.9
KUE	SCHLUMBERGER	J55	C404754	08-28-03	100.1	99.9	100.3
KUE	SCHLUMBERGER	J55	C404755	08-28-03	100.1	99.9	99.8
KUE	SCHLUMBERGER	J55	C404756	08-28-03	100.2	99.8	100.4
KUE	SCHLUMBERGER	J55	C404757	08-28-03	99.8	99.8	99.9
KUE	SCHLUMBERGER	J55	C404758	08-28-03	100.0	100.1	99.7
KUE	SCHLUMBERGER	J55	C404759	08-28-03	99.9	100.2	100.1
KUE	SCHLUMBERGER	J55	C404760	08-28-03	100.2	100.0	100.6
KUE	SCHLUMBERGER	J55	C404761	08-28-03	100.1	99.8	100.3
KUE	SCHLUMBERGER	J55	C404762	08-28-03	99.8	99.7	100.3
KUE	SCHLUMBERGER	J55	C404763	08-28-03	100.2	99.9	100.4
KUE	SCHLUMBERGER	J55	C404764	08-28-03	100.2	100.1	100.5
KUE	SCHLUMBERGER	J55	C404765	08-28-03	100.3	99.9	100.5
KUE	SCHLUMBERGER	J55	C404766	08-28-03	99.8	100.0	100.3
KUE	SCHLUMBERGER	J55	C404767	08-28-03	100.2	99.9	100.3
KUE	SCHLUMBERGER	J55	C404768	08-28-03	100.1	100.1	100.3
KUE	SCHLUMBERGER	J55	C404769	08-28-03	99.9	100.0	99.9
KUE	SCHLUMBERGER	J55	C404770	08-28-03	100.1	100.0	100.2
KUE	SCHLUMBERGER	J55	C404771	08-28-03	100.1	100.0	100.3
KUE	SCHLUMBERGER	J55	C404772	08-28-03	100.2	99.9	100.1
KUE	SCHLUMBERGER	J55	C404773	08-28-03	100.0	99.8	99.9
KUE	SCHLUMBERGER	J55	C404774	08-28-03	100.2	99.9	100.5
KUE	SCHLUMBERGER	J55	C404775	08-28-03	99.9	100.1	100.0
KUE	SCHLUMBERGER	J55	C404776	08-28-03	100.1	100.0	100.6
KUE	SCHLUMBERGER	J55	C404777	08-28-03	100.1	100.3	100.6
KUE	SCHLUMBERGER	J55	C404778	08-28-03	99.9	99.9	100.3
KUE	SCHLUMBERGER	J55	C404779	08-28-03	100.1	99.9	100.1
KUE	SCHLUMBERGER	J55	C404780	08-28-03	100.1	100.0	100.0
KUE	SCHLUMBERGER	J55	C404781	08-28-03	100.1	100.1	100.1
KUE	SCHLUMBERGER	J55	C404782	08-28-03	100.0	99.9	100.2
KUE	SCHLUMBERGER	J55	C404783	08-28-03	100.1	100.0	100.2
KUE	SCHLUMBERGER	J55	C404784	08-28-03	100.1	100.2	100.1
KUE	SCHLUMBERGER	J55	C404785	08-28-03	99.9	100.0	100.2
KUE	SCHLUMBERGER	J55	C404786	08-28-03	99.9	99.6	99.7
KUE	SCHLUMBERGER	J55	C404787	08-28-03	100.1	99.9	100.4
KUE	SCHLUMBERGER	J55	C404788	08-28-03	99.8	99.8	99.9
KUE	SCHLUMBERGER	J55	C404789	08-28-03	100.1	100.0	100.4
KUE	SCHLUMBERGER	J55	C404790	08-28-03	99.8	99.8	100.2
KUE	SCHLUMBERGER	J55	C404791	08-28-03	100.0	99.7	100.6
KUE	SCHLUMBERGER	J55	C404792	08-28-03	99.9	99.9	99.9
KUE	SCHLUMBERGER	J55	C404793	08-28-03	100.2	100.0	100.2
KUE	SCHLUMBERGER	J55	C404794	08-28-03	100.0	99.7	100.1
KUE	SCHLUMBERGER	J55	C404795	08-28-03	99.9	100.0	99.7
KUE	SCHLUMBERGER	J55	C404796	08-28-03	100.0	100.2	100.2
KUE	SCHLUMBERGER	J55	C404797	08-28-03	100.2	100.3	100.4
KUE	SCHLUMBERGER	J55	C404798	08-28-03	100.2	99.9	100.4
KUE	SCHLUMBERGER	J55	C404799	08-28-03	99.9	99.8	100.1
KUE	SCHLUMBERGER	J55	C404800	08-28-03	100.0	100.0	100.2

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KUE	SCHLUMBERGER	J5S	C404801	08-28-03	100.1	100.1	100.1
KUE	SCHLUMBERGER	J5S	C404802	08-28-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	J5S	C404803	08-28-03	100.1	100.2	99.9
KUE	SCHLUMBERGER	J5S	C404804	08-28-03	99.9	100.1	100.1
KUE	SCHLUMBERGER	J5S	C404805	08-28-03	100.2	100.0	100.3
KUE	SCHLUMBERGER	J5S	C404806	08-28-03	99.9	100.1	99.8
KUE	SCHLUMBERGER	J5S	C404807	08-28-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	J5S	C404808	08-28-03	99.9	99.8	99.9
KUE	SCHLUMBERGER	J5S	C404809	08-28-03	100.2	100.3	100.1
KUE	SCHLUMBERGER	J5S	C404810	08-28-03	100.1	100.0	99.9
KUE	SCHLUMBERGER	J5S	C404811	08-28-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	J5S	C404812	08-28-03	100.2	100.1	100.3
KUE	SCHLUMBERGER	J5S	C404813	08-28-03	100.0	100.1	100.2
KUE	SCHLUMBERGER	J5S	C404814	08-28-03	99.9	100.1	100.3
KUE	SCHLUMBERGER	J5S	C404815	08-28-03	100.0	100.0	99.8
KUE	SCHLUMBERGER	J5S	C404816	08-28-03	100.0	99.9	99.9
KUE	SCHLUMBERGER	J5S	C404817	08-28-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	J5S	C404818	08-28-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	J5S	C404819	08-28-03	100.2	99.8	100.3
KUE	SCHLUMBERGER	J5S	C404820	08-28-03	100.0	99.7	99.8
KUE	SCHLUMBERGER	J5S	C404821	08-28-03	100.0	99.6	99.9
KUE	SCHLUMBERGER	J5S	C404822	08-28-03	99.8	99.6	100.4
KUE	SCHLUMBERGER	J5S	C404823	08-28-03	99.8	99.9	99.7
KUE	SCHLUMBERGER	J5S	C404824	08-28-03	99.9	99.9	99.7
KUE	SCHLUMBERGER	J5S	C404825	08-28-03	99.9	99.9	99.7
KUE	SCHLUMBERGER	J5S	C404826	08-28-03	100.2	100.3	100.4
KUE	SCHLUMBERGER	J5S	C404827	08-28-03	100.0	99.8	100.1
KUE	SCHLUMBERGER	J5S	C404828	08-28-03	100.1	100.1	99.8
KUE	SCHLUMBERGER	J5S	C404829	08-28-03	100.3	99.8	100.3
KUE	SCHLUMBERGER	J5S	C404830	08-28-03	100.0	100.2	99.9
KUE	SCHLUMBERGER	J5S	C404831	08-28-03	100.0	100.3	100.3
KUE	SCHLUMBERGER	J5S	C404832	08-28-03	100.0	100.1	99.7
KUE	SCHLUMBERGER	J5S	C404833	08-28-03	100.1	100.1	100.0
KUE	SCHLUMBERGER	J5S	C404834	08-28-03	99.8	99.8	99.8
KUE	SCHLUMBERGER	J5S	C404835	08-28-03	100.1	100.1	100.3
KUE	SCHLUMBERGER	J5S	C404836	08-28-03	100.1	100.2	100.0
KUE	SCHLUMBERGER	J5S	C404837	08-28-03	99.9	99.9	99.9
KUE	SCHLUMBERGER	J5S	C404838	08-28-03	100.1	100.0	99.9
KUE	SCHLUMBERGER	J5S	C404839	08-28-03	99.8	100.0	100.3
KUE	SCHLUMBERGER	J5S	C404840	08-28-03	100.0	100.0	100.3
KUE	SCHLUMBERGER	J5S	C404841	08-28-03	100.1	99.9	100.2
KUE	SCHLUMBERGER	J5S	C404842	08-28-03	100.1	99.9	100.2
KUE	SCHLUMBERGER	J5S	C404843	08-28-03	100.2	99.6	100.4
KUE	SCHLUMBERGER	J5S	C404844	08-28-03	99.9	99.9	99.8
KUE	SCHLUMBERGER	J5S	C404845	08-28-03	99.9	100.0	99.9
KUE	SCHLUMBERGER	J5S	C404846	08-28-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	J5S	C404847	08-28-03	100.0	99.9	100.4
KUE	SCHLUMBERGER	J5S	C404848	08-28-03	99.9	99.8	100.2
KUE	SCHLUMBERGER	J5S	C404849	08-28-03	99.9	99.9	99.7
KUE	SCHLUMBERGER	J5S	C404850	08-28-03	100.1	100.1	100.0
KUE	SCHLUMBERGER	J5S	C404851	08-28-03	99.9	100.3	100.2

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KUE	SCHLUMBERGER	J5S	C404852	08-28-03	100.0	99.9	99.8
KUE	SCHLUMBERGER	J5S	C404853	08-28-03	100.1	100.2	100.1
KUE	SCHLUMBERGER	J5S	C404854	08-28-03	100.3	100.1	100.2
KUE	SCHLUMBERGER	J5S	C404855	08-28-03	99.9	99.8	100.0
KUE	SCHLUMBERGER	J5S	C404856	08-28-03	100.1	100.3	99.9
KUE	SCHLUMBERGER	J5S	C404857	08-28-03	100.3	100.0	100.2
KUE	SCHLUMBERGER	J5S	C404858	08-28-03	99.8	99.6	99.8
KUE	SCHLUMBERGER	J5S	C404859	08-28-03	99.9	99.7	100.0
KUE	SCHLUMBERGER	J5S	C404860	08-28-03	99.8	100.0	99.9
KUE	SCHLUMBERGER	J5S	C404861	08-28-03	100.0	99.8	99.8
KUE	SCHLUMBERGER	J5S	C404862	08-28-03	100.2	100.2	100.2
KUE	SCHLUMBERGER	J5S	C404863	08-28-03	100.0	99.8	99.9
KUE	SCHLUMBERGER	J5S	C404864	08-28-03	100.1	100.1	100.4
KUE	SCHLUMBERGER	J5S	C404865	08-28-03	100.0	100.1	99.8
KUE	SCHLUMBERGER	J5S	C404866	08-28-03	99.8	100.1	100.0
KUE	SCHLUMBERGER	J5S	C404867	08-28-03	100.2	100.2	100.1
KUE	SCHLUMBERGER	J5S	C404868	08-28-03	100.0	99.7	100.4
KUE	SCHLUMBERGER	J5S	C404869	08-28-03	99.9	99.9	99.9
KUE	SCHLUMBERGER	J5S	C404870	08-28-03	100.2	100.1	99.9
KUE	SCHLUMBERGER	J5S	C404871	08-28-03	100.3	100.0	100.4
KUE	SCHLUMBERGER	J5S	C404872	08-28-03	100.1	99.8	100.4
KUE	SCHLUMBERGER	J5S	C404873	08-28-03	99.8	100.5	99.8
KUE	SCHLUMBERGER	J5S	C404874	08-28-03	100.3	100.7	100.2
KUE	SCHLUMBERGER	J5S	C404875	08-28-03	100.2	100.1	100.2
KUE	SCHLUMBERGER	J5S	C404876	08-28-03	100.1	100.3	100.5
KUE	SCHLUMBERGER	J5S	C404877	08-28-03	100.0	100.1	100.3
KUE	SCHLUMBERGER	J5S	C404878	08-28-03	100.1	99.9	100.3
KUE	SCHLUMBERGER	J5S	C404879	08-28-03	100.0	100.2	100.2
KUE	SCHLUMBERGER	J5S	C404880	08-28-03	100.1	99.7	99.9
KUE	SCHLUMBERGER	J5S	C404881	08-28-03	100.0	99.8	99.9
KUE	SCHLUMBERGER	J5S	C404882	08-28-03	100.3	100.1	100.2
KUE	SCHLUMBERGER	J5S	C404883	08-28-03	99.9	100.0	99.6
KUE	SCHLUMBERGER	J5S	C404884	08-28-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	J5S	C404885	08-28-03	99.9	99.8	100.1
KUE	SCHLUMBERGER	J5S	C404886	08-28-03	100.2	100.2	100.3
KUE	SCHLUMBERGER	J5S	C404887	08-28-03	100.2	100.2	100.4
KUE	SCHLUMBERGER	J5S	C404888	08-28-03	100.3	100.1	100.4
KUE	SCHLUMBERGER	J5S	C404889	08-28-03	99.9	99.8	100.0
KUE	SCHLUMBERGER	J5S	C404890	08-28-03	100.0	100.0	100.3
KUE	SCHLUMBERGER	J5S	C404891	08-28-03	100.0	100.1	99.6
KUE	SCHLUMBERGER	J5S	C404892	08-28-03	100.2	100.2	100.2
KUE	SCHLUMBERGER	J5S	C404893	08-28-03	100.2	99.8	100.3
KUE	SCHLUMBERGER	J5S	C404894	08-28-03	100.1	99.7	100.4
KUE	SCHLUMBERGER	J5S	C404895	08-28-03	100.3	100.0	100.7
KUE	SCHLUMBERGER	J5S	C404896	08-28-03	99.8	100.0	99.4
KUE	SCHLUMBERGER	J5S	C404897	08-28-03	99.9	100.1	100.5
KUE	SCHLUMBERGER	J5S	C404898	08-28-03	100.1	99.9	100.0
KUE	SCHLUMBERGER	J5S	C404899	08-28-03	100.2	99.6	99.8
KUE	SCHLUMBERGER	J5S	C404900	08-28-03	100.3	100.1	100.3
KUE	SCHLUMBERGER	J5S	C404901	08-28-03	100.0	100.0	100.3
KUE	SCHLUMBERGER	J5S	C404902	08-28-03	99.8	100.0	100.0

KENTUCKY UTILITIES / OLD DOMINION POWER COMPANY  
 MANUFACTURER TESTS ADDED LAST YEAR  
 REPORT NO. WD8880

CO	MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACTOR
KUE	SCHLUMBERGER	J5S	C404903	08-28-03	100.2	100.1	100.0
KUE	SCHLUMBERGER	J5S	C404904	08-28-03	100.1	100.0	100.3
KUE	SCHLUMBERGER	J5S	C404905	08-28-03	100.0	99.8	100.0
KUE	SCHLUMBERGER	J5S	C404906	08-28-03	100.3	100.3	100.7
KUE	SCHLUMBERGER	J5S	C404907	08-28-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	J5S	C404908	08-28-03	99.9	100.2	99.5
KUE	SCHLUMBERGER	J5S	C404909	08-28-03	100.2	100.0	100.3
KUE	SCHLUMBERGER	J5S	C404910	08-28-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	J5S	C404911	08-28-03	100.1	100.0	100.2
KUE	SCHLUMBERGER	J5S	C404912	08-28-03	100.3	100.4	100.5
KUE	SCHLUMBERGER	J5S	C404913	08-28-03	99.9	100.0	100.3
KUE	SCHLUMBERGER	J5S	C404914	08-28-03	100.1	99.9	99.9
KUE	SCHLUMBERGER	J5S	C404915	08-28-03	100.3	100.1	100.2
KUE	SCHLUMBERGER	J5S	C404916	08-28-03	99.8	100.0	99.9
KUE	SCHLUMBERGER	J5S	C404917	08-28-03	100.1	99.8	100.2
KUE	SCHLUMBERGER	J5S	C404918	08-28-03	100.1	99.8	100.2
KUE	SCHLUMBERGER	J5S	C404919	08-28-03	100.3	100.1	100.4
KUE	SCHLUMBERGER	J5S	C404920	08-28-03	100.0	100.3	100.6
KUE	SCHLUMBERGER	J5S	C404921	08-28-03	100.1	100.1	100.3
KUE	SCHLUMBERGER	J5S	C404922	08-28-03	100.1	100.1	100.6
KUE	SCHLUMBERGER	J5S	C404923	08-28-03	100.0	99.8	100.0
KUE	SCHLUMBERGER	J5S	C404924	08-28-03	100.0	99.8	100.0
KUE	SCHLUMBERGER	J5S	C404925	08-28-03	99.9	99.8	100.0
KUE	SCHLUMBERGER	J5S	C404926	08-28-03	100.1	99.9	100.4
KUE	SCHLUMBERGER	J5S	C404927	08-28-03	99.9	100.0	99.9
KUE	SCHLUMBERGER	J5S	C404928	08-28-03	100.1	99.9	100.1
KUE	SCHLUMBERGER	J5S	C404929	08-28-03	100.0	100.0	100.3
KUE	SCHLUMBERGER	J5S	C404930	08-28-03	100.0	99.6	100.0
KUE	SCHLUMBERGER	J5S	C404931	08-28-03	100.2	100.0	99.8
KUE	SCHLUMBERGER	J5S	C404932	08-28-03	99.9	99.7	100.2
KUE	SCHLUMBERGER	J5S	C404933	08-28-03	100.2	100.2	99.8
KUE	SCHLUMBERGER	J5S	C404934	08-28-03	100.0	99.7	100.0
KUE	SCHLUMBERGER	J5S	C404935	08-28-03	100.3	100.3	100.4
KUE	SCHLUMBERGER	J5S	C404936	08-28-03	100.1	100.1	100.3
KUE	SCHLUMBERGER	J5S	C404937	08-28-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	J5S	C404938	08-28-03	100.0	99.9	99.9
KUE	SCHLUMBERGER	J5S	C404939	08-28-03	100.2	100.1	100.5
KUE	SCHLUMBERGER	J5S	C404940	08-28-03	100.3	99.8	100.8
KUE	SCHLUMBERGER	J5S	C404941	08-28-03	100.1	100.0	100.2
KUE	SCHLUMBERGER	J5S	C404942	08-28-03	100.0	99.8	100.0
KUE	SCHLUMBERGER	J5S	C404943	08-28-03	100.2	100.3	100.4
KUE	SCHLUMBERGER	J5S	C404944	08-28-03	99.9	99.9	99.9
KUE	SCHLUMBERGER	J5S	C404945	08-28-03	100.1	100.0	100.4
KUE	SCHLUMBERGER	J5S	C404946	08-28-03	100.0	99.2	100.2
KUE	SCHLUMBERGER	J5S	C404947	08-28-03	100.0	99.6	99.8
KUE	SCHLUMBERGER	J5S	C404948	08-28-03	100.1	100.0	100.5
KUE	SCHLUMBERGER	J5S	C404949	08-28-03	100.2	100.2	100.4
KUE	SCHLUMBERGER	J5S	C404950	08-28-03	100.2	100.2	99.9
KUE	SCHLUMBERGER	J5S	C404951	08-28-03	100.2	100.2	100.3
KUE	SCHLUMBERGER	J5S	C404952	08-28-03	99.9	100.5	100.0
KUE	SCHLUMBERGER	J5S	C404953	08-28-03	100.0	100.2	100.2

CO	MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACTOR
KUE	SCHLUMBERGER	J5S	C404954	08-28-03	99.9	99.8	100.0
KUE	SCHLUMBERGER	J5S	C404955	08-28-03	100.1	100.1	100.2
KUE	SCHLUMBERGER	J5S	C404956	08-28-03	100.2	100.1	100.3
KUE	SCHLUMBERGER	J5S	C404957	08-28-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	J5S	C404958	08-28-03	99.9	100.1	99.9
KUE	SCHLUMBERGER	J5S	C404959	08-28-03	100.2	100.0	100.0
KUE	SCHLUMBERGER	J5S	C404960	08-28-03	99.9	100.0	100.4
KUE	SCHLUMBERGER	J5S	C404961	08-28-03	100.2	100.1	100.3
KUE	SCHLUMBERGER	J5S	C404962	08-28-03	100.1	99.9	100.1
KUE	SCHLUMBERGER	J5S	C404963	08-28-03	100.0	99.7	99.9
KUE	SCHLUMBERGER	J5S	C404964	08-28-03	99.9	99.9	99.9
KUE	SCHLUMBERGER	J5S	C404965	08-28-03	100.2	100.1	100.0
KUE	SCHLUMBERGER	J5S	C404966	08-28-03	100.0	100.0	100.5
KUE	SCHLUMBERGER	J5S	C404967	08-28-03	100.2	99.8	100.3
KUE	SCHLUMBERGER	J5S	C404968	08-28-03	99.8	99.7	99.5
KUE	SCHLUMBERGER	J5S	C404969	08-28-03	100.2	100.1	100.2
KUE	SCHLUMBERGER	J5S	C404970	08-28-03	100.1	99.9	100.2
KUE	SCHLUMBERGER	J5S	C404971	08-28-03	99.8	99.8	99.7
KUE	SCHLUMBERGER	J5S	C404972	08-28-03	100.1	99.9	100.1
KUE	SCHLUMBERGER	J5S	C404973	08-28-03	100.0	100.1	99.9
KUE	SCHLUMBERGER	J5S	C404974	08-28-03	100.2	100.1	100.7
KUE	SCHLUMBERGER	J5S	C404975	08-28-03	99.9	100.0	100.3
KUE	SCHLUMBERGER	J5S	C404976	08-28-03	100.3	100.0	100.1
KUE	SCHLUMBERGER	J5S	C404977	08-28-03	99.9	99.9	100.1
KUE	SCHLUMBERGER	J5S	C404978	08-28-03	100.3	100.5	100.3
KUE	SCHLUMBERGER	J5S	C404979	08-28-03	99.9	99.9	99.8
KUE	SCHLUMBERGER	J5S	C404980	08-28-03	100.0	100.0	99.9
KUE	SCHLUMBERGER	J5S	C404981	08-28-03	100.1	99.9	100.0
KUE	SCHLUMBERGER	J5S	C404982	08-28-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	J5S	C404983	08-28-03	99.8	99.6	99.8
KUE	SCHLUMBERGER	J5S	C404984	08-28-03	99.9	99.6	99.9
KUE	SCHLUMBERGER	J5S	C404985	08-28-03	100.1	99.9	100.2
KUE	SCHLUMBERGER	J5S	C404986	08-28-03	100.2	99.9	100.4
KUE	SCHLUMBERGER	J5S	C404987	08-28-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	J5S	C404988	08-28-03	99.9	100.0	99.9
KUE	SCHLUMBERGER	J5S	C404989	08-28-03	100.1	100.2	100.1
KUE	SCHLUMBERGER	J5S	C404990	08-28-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	J5S	C404991	08-28-03	100.2	100.2	100.1
KUE	SCHLUMBERGER	J5S	C404992	08-28-03	99.9	99.9	100.2
KUE	SCHLUMBERGER	J5S	C404993	08-28-03	100.0	100.2	100.1
KUE	SCHLUMBERGER	J5S	C404994	08-28-03	100.1	100.1	100.0
KUE	SCHLUMBERGER	J5S	C404995	08-28-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	J5S	C404996	08-28-03	99.9	99.7	100.0
KUE	SCHLUMBERGER	J5S	C404997	08-28-03	100.2	100.2	100.5
KUE	SCHLUMBERGER	J5S	C404998	08-28-03	99.9	100.3	99.9
KUE	SCHLUMBERGER	J5S	C404999	08-28-03	100.2	100.1	100.4
KUE	SCHLUMBERGER	J5S	C405000	08-28-03	100.1	99.9	100.5
KUE	SCHLUMBERGER	J5S	C405001	08-28-03	100.0	100.1	100.9
KUE	SCHLUMBERGER	J5S	C405002	08-28-03	100.1	100.2	100.1
KUE	SCHLUMBERGER	J5S	C405003	08-28-03	100.2	100.1	100.2
KUE	SCHLUMBERGER	J5S	C405004	08-28-03	100.1	100.1	99.9

KENTUCKY UTILITIES / OLD DOMINION POWER COMPANY  
 MANUFACTURER TESTS ADDED LAST YEAR  
 REPORT NO. MD8880

CO	MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACTOR
KUE	SCHLUMBERGER	J5S	C405005	08-28-03	99.7	99.9	99.9
KUE	SCHLUMBERGER	J5S	C405006	08-28-03	100.0	99.9	99.9
KUE	SCHLUMBERGER	J5S	C405007	08-28-03	100.2	100.2	100.3
KUE	SCHLUMBERGER	J5S	C405008	08-28-03	99.8	100.4	99.9
KUE	SCHLUMBERGER	J5S	C405009	08-28-03	100.2	99.8	100.5
KUE	SCHLUMBERGER	J5S	C405010	08-28-03	100.1	100.0	100.3
KUE	SCHLUMBERGER	J5S	C405011	08-28-03	100.1	100.0	100.1
KUE	SCHLUMBERGER	J5S	C405012	08-28-03	100.1	100.1	99.8
KUE	SCHLUMBERGER	J5S	C405013	08-28-03	100.1	99.9	100.3
KUE	SCHLUMBERGER	J5S	C405014	08-28-03	99.9	99.9	99.8
KUE	SCHLUMBERGER	J5S	C405015	08-28-03	99.8	99.8	99.8
KUE	SCHLUMBERGER	J5S	C405016	08-28-03	99.9	99.8	99.9
KUE	SCHLUMBERGER	J5S	C405017	08-28-03	99.8	99.7	99.7
KUE	SCHLUMBERGER	J5S	C405018	08-28-03	100.0	99.7	100.2
KUE	SCHLUMBERGER	J5S	C405019	08-28-03	100.2	100.2	100.5
KUE	SCHLUMBERGER	J5S	C405020	08-28-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	J5S	C405021	08-28-03	100.1	100.2	100.2
KUE	SCHLUMBERGER	J5S	C405022	08-28-03	100.3	100.2	100.2
KUE	SCHLUMBERGER	J5S	C405023	08-28-03	100.3	100.0	100.4
KUE	SCHLUMBERGER	J5S	C405024	08-28-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	J5S	C405025	08-28-03	100.1	99.9	100.1
KUE	SCHLUMBERGER	J5S	C405026	08-28-03	100.3	100.2	100.3
KUE	SCHLUMBERGER	J5S	C405027	08-28-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	J5S	C405028	08-28-03	99.9	100.0	100.2
KUE	SCHLUMBERGER	J5S	C405029	08-28-03	100.2	100.0	100.2
KUE	SCHLUMBERGER	J5S	C405030	08-28-03	100.2	100.1	100.1
KUE	SCHLUMBERGER	J5S	C405031	08-28-03	100.2	100.0	100.0
KUE	SCHLUMBERGER	J5S	C405032	08-28-03	100.2	100.2	100.3
KUE	SCHLUMBERGER	J5S	C405033	08-28-03	100.0	100.0	99.9
KUE	SCHLUMBERGER	J5S	C405034	08-28-03	100.1	100.1	99.8
KUE	SCHLUMBERGER	J5S	C405035	08-28-03	99.8	100.3	100.0
KUE	SCHLUMBERGER	J5S	C405036	08-28-03	100.3	100.0	99.7
KUE	SCHLUMBERGER	J5S	C405037	08-28-03	100.1	100.0	100.4
KUE	SCHLUMBERGER	J5S	C405038	08-28-03	100.3	99.8	100.4
KUE	SCHLUMBERGER	J5S	C405039	08-28-03	100.1	100.1	100.4
KUE	SCHLUMBERGER	J5S	C405040	08-28-03	100.0	99.9	100.2
KUE	SCHLUMBERGER	J5S	C405041	08-28-03	100.1	100.3	100.0
KUE	SCHLUMBERGER	J5S	C405042	08-28-03	100.0	100.2	100.0
KUE	SCHLUMBERGER	J5S	C405043	08-28-03	100.1	100.2	100.3
KUE	SCHLUMBERGER	J5S	C405044	08-28-03	100.2	100.2	100.3
KUE	SCHLUMBERGER	J5S	C405045	08-28-03	99.8	100.1	100.4
KUE	SCHLUMBERGER	J5S	C405046	08-28-03	100.1	100.2	100.1
KUE	SCHLUMBERGER	J5S	C405047	08-28-03	100.0	99.9	100.4
KUE	SCHLUMBERGER	J5S	C405048	08-28-03	100.1	100.0	99.8
KUE	SCHLUMBERGER	J5S	C405049	08-28-03	100.0	100.3	100.3
KUE	SCHLUMBERGER	J5S	C405050	08-28-03	100.2	100.2	99.9
KUE	SCHLUMBERGER	J5S	C405051	08-28-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	J5S	C405052	08-28-03	100.2	99.8	100.2
KUE	SCHLUMBERGER	J5S	C405053	08-28-03	100.1	100.2	100.0
KUE	SCHLUMBERGER	J5S	C405054	08-28-03	100.1	99.9	100.2
KUE	SCHLUMBERGER	J5S	C405055	08-28-03	100.3	100.0	100.1



KENTUCKY UTILITIES / OLD DOMINION POWER COMPANY  
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 REPORT NO. MD8880

CO	MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACTOR
KUE	SCHLUMBERGER	J5S	C405056	08-28-03	99.9	99.8	99.5
KUE	SCHLUMBERGER	J5S	C405057	08-28-03	99.9	100.1	100.2
KUE	SCHLUMBERGER	J5S	C405058	08-28-03	100.1	100.0	100.3
KUE	SCHLUMBERGER	J5S	C405059	08-28-03	100.0	100.0	100.3
KUE	SCHLUMBERGER	J5S	C405060	08-28-03	100.1	100.0	100.3
KUE	SCHLUMBERGER	J5S	C405061	08-28-03	99.9	100.1	100.0
KUE	SCHLUMBERGER	J5S	C405062	08-28-03	100.2	99.9	100.3
KUE	SCHLUMBERGER	J5S	C405063	08-28-03	100.1	100.2	100.5
KUE	SCHLUMBERGER	J5S	C405064	08-28-03	100.1	100.1	100.0
KUE	SCHLUMBERGER	J5S	C405065	08-28-03	100.3	100.3	100.2
KUE	SCHLUMBERGER	J5S	C405066	08-28-03	99.8	100.0	99.7
KUE	SCHLUMBERGER	J5S	C405067	08-28-03	100.1	99.8	99.9
KUE	SCHLUMBERGER	J5S	C405068	08-28-03	100.1	100.1	100.3
KUE	SCHLUMBERGER	J5S	C405069	08-28-03	99.9	99.9	100.5
KUE	SCHLUMBERGER	J5S	C405070	08-28-03	100.2	100.3	100.1
KUE	SCHLUMBERGER	J5S	C405071	08-28-03	100.1	100.0	100.0
KUE	SCHLUMBERGER	J5S	C405072	08-28-03	100.0	100.1	100.0
KUE	SCHLUMBERGER	J5S	C405073	08-28-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	J5S	C405074	08-28-03	100.1	99.9	100.0
KUE	SCHLUMBERGER	J5S	C405075	08-28-03	100.1	99.9	100.0
KUE	SCHLUMBERGER	J5S	C405076	08-28-03	100.3	100.1	100.3
KUE	SCHLUMBERGER	J5S	C405077	08-28-03	100.2	100.1	100.1
KUE	SCHLUMBERGER	J5S	C405078	08-28-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	J5S	C405079	08-28-03	100.2	100.1	100.2
KUE	SCHLUMBERGER	J5S	C405080	08-28-03	100.2	99.9	100.3
KUE	SCHLUMBERGER	J5S	C405081	08-28-03	100.1	100.3	100.1
KUE	SCHLUMBERGER	J5S	C405082	08-28-03	99.9	100.0	99.7
KUE	SCHLUMBERGER	J5S	C405083	08-28-03	99.8	100.0	100.1
KUE	SCHLUMBERGER	J5S	C405084	08-28-03	100.0	100.4	99.7
KUE	SCHLUMBERGER	J5S	C405085	08-28-03	100.2	100.2	100.1
KUE	SCHLUMBERGER	J5S	C405086	08-28-03	100.0	100.1	100.0
KUE	SCHLUMBERGER	J5S	C405087	08-28-03	100.1	100.2	99.9
KUE	SCHLUMBERGER	J5S	C405088	08-28-03	100.1	100.3	99.8
KUE	SCHLUMBERGER	J5S	C405089	08-28-03	100.1	99.9	100.2
KUE	SCHLUMBERGER	J5S	C405090	08-28-03	100.2	100.2	100.2
KUE	SCHLUMBERGER	J5S	C405091	08-28-03	100.1	99.9	100.0
KUE	SCHLUMBERGER	J5S	C405092	08-28-03	100.2	100.1	100.5
KUE	SCHLUMBERGER	J5S	C405093	08-28-03	99.8	99.6	99.8
KUE	SCHLUMBERGER	J5S	C405094	08-28-03	100.0	100.1	100.3
KUE	SCHLUMBERGER	J5S	C405095	08-28-03	100.0	100.1	99.9
KUE	SCHLUMBERGER	J5S	C405096	08-28-03	100.0	99.9	100.3
KUE	SCHLUMBERGER	J5S	C405097	08-28-03	100.1	100.4	99.8
KUE	SCHLUMBERGER	J5S	C405098	08-28-03	100.3	100.0	99.9
KUE	SCHLUMBERGER	J5S	C405099	08-28-03	100.2	100.2	100.2
KUE	SCHLUMBERGER	J5S	C405100	08-28-03	100.2	99.8	100.3
KUE	SCHLUMBERGER	J5S	C405101	08-28-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	J5S	C405102	08-28-03	100.1	99.9	100.1
KUE	SCHLUMBERGER	J5S	C405103	08-28-03	99.9	100.2	99.8
KUE	SCHLUMBERGER	J5S	C405104	08-28-03	100.1	99.8	100.0
KUE	SCHLUMBERGER	J5S	C405105	08-28-03	100.2	100.1	100.0
KUE	SCHLUMBERGER	J5S	C405106	08-28-03	100.1	100.1	100.1

KENTUCKY UTILITIES / OLD DOMINION POWER COMPANY  
 MANUFACTURER TESTS ADDED LAST YEAR  
 REPORT NO. MD8880

CO	MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACTOR
KUE	SCHLUMBERGER	J55	C405107	08-28-03	99.9	100.0	99.8
KUE	SCHLUMBERGER	J55	C405108	08-28-03	100.3	100.2	100.6
KUE	SCHLUMBERGER	J55	C405109	08-28-03	100.0	100.0	100.2
KUE	SCHLUMBERGER	J55	C405110	08-28-03	100.2	100.0	100.1
KUE	SCHLUMBERGER	J55	C405111	08-28-03	99.8	99.8	100.1
KUE	SCHLUMBERGER	J55	C405112	08-28-03	100.3	99.7	100.4
KUE	SCHLUMBERGER	J55	C405113	08-28-03	100.1	100.1	99.7
KUE	SCHLUMBERGER	J55	C405114	08-28-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	J55	C405115	08-28-03	100.0	100.1	100.3
KUE	SCHLUMBERGER	J55	C405116	08-28-03	100.1	99.9	100.3
KUE	SCHLUMBERGER	J55	C405117	08-28-03	100.0	100.2	99.9
KUE	SCHLUMBERGER	J55	C405118	08-28-03	100.2	99.9	100.1
KUE	SCHLUMBERGER	J55	C405119	08-28-03	100.1	100.2	100.1
KUE	SCHLUMBERGER	J55	C405120	08-28-03	100.1	99.8	100.0
KUE	SCHLUMBERGER	J55	C405121	08-28-03	99.9	100.0	99.8
KUE	SCHLUMBERGER	J55	C405122	08-28-03	100.1	99.9	99.8
KUE	SCHLUMBERGER	J55	C405123	08-28-03	100.1	99.7	100.2
KUE	SCHLUMBERGER	J55	C405124	08-28-03	100.1	100.0	100.2
KUE	SCHLUMBERGER	J55	C405125	08-28-03	99.8	100.0	99.9
KUE	SCHLUMBERGER	J55	C405126	08-28-03	100.3	100.2	100.5
KUE	SCHLUMBERGER	J55	C405127	08-28-03	100.1	100.1	100.4
KUE	SCHLUMBERGER	J55	C405128	08-28-03	100.1	100.1	100.1
KUE	SCHLUMBERGER	J55	C405129	08-28-03	100.0	99.9	99.9
KUE	SCHLUMBERGER	J55	C405130	08-28-03	100.1	100.1	99.9
KUE	SCHLUMBERGER	J55	C405131	08-28-03	100.1	100.1	99.8
KUE	SCHLUMBERGER	J55	C405132	08-28-03	100.3	99.7	100.2
KUE	SCHLUMBERGER	J55	C405133	08-28-03	100.2	100.3	100.3
KUE	SCHLUMBERGER	J55	C405134	08-28-03	100.2	100.2	100.4
KUE	SCHLUMBERGER	J55	C405135	08-28-03	100.0	99.9	99.7
KUE	SCHLUMBERGER	J55	C405136	08-28-03	100.1	100.1	100.1
KUE	SCHLUMBERGER	J55	C405137	08-28-03	100.2	100.2	99.9
KUE	SCHLUMBERGER	J55	C405138	08-28-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	J55	C405139	08-28-03	99.9	100.3	99.9
KUE	SCHLUMBERGER	J55	C405140	08-28-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	J55	C405141	08-28-03	99.9	99.9	99.9
KUE	SCHLUMBERGER	J55	C405142	08-28-03	100.0	100.2	100.1
KUE	SCHLUMBERGER	J55	C405143	08-28-03	100.0	100.3	99.8
KUE	SCHLUMBERGER	J55	C405144	08-28-03	100.1	100.0	100.0
KUE	SCHLUMBERGER	J55	C405145	08-28-03	100.0	100.0	99.9
KUE	SCHLUMBERGER	J55	C405146	08-28-03	100.0	100.2	100.4
KUE	SCHLUMBERGER	J55	C405147	08-28-03	99.9	100.1	100.0
KUE	SCHLUMBERGER	J55	C405148	08-28-03	100.1	100.1	100.3
KUE	SCHLUMBERGER	J55	C405149	08-28-03	100.0	100.4	100.5
KUE	SCHLUMBERGER	J55	C405150	08-28-03	100.0	99.6	100.1
KUE	SCHLUMBERGER	J55	C405151	08-28-03	99.9	99.9	100.1
KUE	SCHLUMBERGER	J55	C405152	08-28-03	99.9	99.6	99.7
KUE	SCHLUMBERGER	J55	C405153	08-28-03	99.9	99.6	99.9
KUE	SCHLUMBERGER	J55	C405154	08-28-03	100.2	100.4	100.0
KUE	SCHLUMBERGER	J55	C405155	08-28-03	100.0	99.9	100.2
KUE	SCHLUMBERGER	J55	C405156	08-28-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	J55	C405157	08-28-03	100.0	100.0	99.9

CO	MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACTOR
KUE	SCHLUMBERGER	J55	C405158	08-28-03	100.2	99.8	99.4
KUE	SCHLUMBERGER	J55	C405159	08-28-03	100.0	99.9	99.9
KUE	SCHLUMBERGER	J55	C405160	08-28-03	100.2	100.1	100.2
KUE	SCHLUMBERGER	J55	C405161	08-28-03	100.1	99.8	100.0
KUE	SCHLUMBERGER	J55	C405162	08-28-03	100.2	99.8	100.3
KUE	SCHLUMBERGER	J55	C405163	08-28-03	100.1	100.1	100.1
KUE	SCHLUMBERGER	J55	C405164	08-28-03	100.1	99.9	100.0
KUE	SCHLUMBERGER	J55	C405165	08-28-03	100.0	99.8	100.0
KUE	SCHLUMBERGER	J55	C405166	08-28-03	100.1	99.9	100.1
KUE	SCHLUMBERGER	J55	C405167	08-28-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	J55	C405168	08-28-03	99.9	99.8	99.7
KUE	SCHLUMBERGER	J55	C405169	08-28-03	100.0	99.8	100.1
KUE	SCHLUMBERGER	J55	C405170	08-28-03	100.1	99.9	100.3
KUE	SCHLUMBERGER	J55	C405171	08-28-03	100.2	99.9	99.9
KUE	SCHLUMBERGER	J55	C405172	08-28-03	99.9	99.9	100.1
KUE	SCHLUMBERGER	J55	C405173	08-28-03	100.1	100.0	100.1
KUE	SCHLUMBERGER	J55	C405174	08-28-03	100.0	99.8	100.1
KUE	SCHLUMBERGER	J55	C405175	08-28-03	100.2	100.2	100.2
KUE	SCHLUMBERGER	J55	C405176	08-28-03	100.3	99.8	100.0
KUE	SCHLUMBERGER	J55	C405177	08-28-03	100.0	99.8	100.3
KUE	SCHLUMBERGER	J55	C405178	08-28-03	99.8	99.8	99.9
KUE	SCHLUMBERGER	J55	C405179	08-28-03	100.0	100.1	100.0
KUE	SCHLUMBERGER	J55	C405180	08-28-03	100.1	100.0	100.2
KUE	SCHLUMBERGER	J55	C405181	08-28-03	100.0	100.1	99.9
KUE	SCHLUMBERGER	J55	C405182	08-28-03	100.0	100.2	100.2
KUE	SCHLUMBERGER	J55	C405183	08-28-03	100.2	99.8	100.1
KUE	SCHLUMBERGER	J55	C405184	08-28-03	100.1	99.9	99.6
KUE	SCHLUMBERGER	J55	C405185	08-28-03	99.9	99.9	99.8
KUE	SCHLUMBERGER	J55	C405186	08-28-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	J55	C405187	08-28-03	100.2	99.9	100.2
KUE	SCHLUMBERGER	J55	C405188	08-28-03	100.2	100.2	100.4
KUE	SCHLUMBERGER	J55	C405189	08-28-03	100.0	99.9	99.6
KUE	SCHLUMBERGER	J55	C405190	08-28-03	99.8	99.8	99.8
KUE	SCHLUMBERGER	J55	C405191	08-28-03	99.9	100.0	100.2
KUE	SCHLUMBERGER	J55	C405192	08-28-03	99.9	99.9	99.9
KUE	SCHLUMBERGER	J55	C405193	08-28-03	100.2	99.8	100.1
KUE	SCHLUMBERGER	J55	C405194	08-28-03	100.0	100.0	100.2
KUE	SCHLUMBERGER	J55	C405195	08-28-03	100.1	100.1	100.0
KUE	SCHLUMBERGER	J55	C405196	08-28-03	99.9	99.9	99.6
KUE	SCHLUMBERGER	J55	C405197	08-28-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	J55	C405198	08-28-03	99.9	100.0	99.7
KUE	SCHLUMBERGER	J55	C405199	08-28-03	100.1	100.0	100.0
KUE	SCHLUMBERGER	J55	C405200	08-28-03	100.3	100.0	100.2
KUE	SCHLUMBERGER	J55	C405201	08-28-03	100.2	100.1	100.2
KUE	SCHLUMBERGER	J55	C405202	08-28-03	100.2	99.8	100.4
KUE	SCHLUMBERGER	J55	C405203	08-28-03	100.2	100.3	100.1
KUE	SCHLUMBERGER	J55	C405204	08-28-03	100.2	100.1	100.6
KUE	SCHLUMBERGER	J55	C405205	08-28-03	99.9	100.2	99.9
KUE	SCHLUMBERGER	J55	C405206	08-28-03	100.1	100.0	100.1
KUE	SCHLUMBERGER	J55	C405207	08-28-03	100.0	100.3	100.0
KUE	SCHLUMBERGER	J55	C405208	08-28-03	99.8	99.7	99.8

CO	MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACTOR
KUE	SCHLUMBERGER	J55	C405209	08-28-03	100.0	100.0	99.9
KUE	SCHLUMBERGER	J55	C405210	08-28-03	100.1	99.7	99.9
KUE	SCHLUMBERGER	J55	C405211	08-28-03	100.0	99.8	100.2
KUE	SCHLUMBERGER	J55	C405212	08-28-03	100.1	99.8	99.9
KUE	SCHLUMBERGER	J55	C405213	08-28-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	J55	C405214	08-28-03	100.0	100.3	100.2
KUE	SCHLUMBERGER	J55	C405215	08-28-03	100.3	100.2	100.3
KUE	SCHLUMBERGER	J55	C405216	08-28-03	100.2	100.0	100.5
KUE	SCHLUMBERGER	J55	C405217	08-28-03	100.1	99.9	99.8
KUE	SCHLUMBERGER	J55	C405218	08-28-03	100.1	100.1	100.2
KUE	SCHLUMBERGER	J55	C405219	08-28-03	100.1	100.2	100.2
KUE	SCHLUMBERGER	J55	C405220	08-28-03	100.1	100.2	100.3
KUE	SCHLUMBERGER	J55	C405221	08-28-03	100.0	100.1	99.9
KUE	SCHLUMBERGER	J55	C405222	08-28-03	100.1	100.3	100.0
KUE	SCHLUMBERGER	J55	C405223	08-28-03	100.1	99.8	100.2
KUE	SCHLUMBERGER	J55	C405224	08-28-03	99.9	100.2	100.1
KUE	SCHLUMBERGER	J55	C405225	08-28-03	99.9	99.7	99.6
KUE	SCHLUMBERGER	J55	C405226	08-28-03	100.1	99.9	100.2
KUE	SCHLUMBERGER	J55	C405227	08-28-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	J55	C405228	08-28-03	100.1	99.9	99.9
KUE	SCHLUMBERGER	J55	C405229	08-28-03	100.1	99.7	100.1
KUE	SCHLUMBERGER	J55	C405230	08-28-03	100.0	100.2	100.2
KUE	SCHLUMBERGER	J55	C405231	08-28-03	100.1	99.9	100.1
KUE	SCHLUMBERGER	J55	C405232	08-28-03	99.9	100.0	99.9
KUE	SCHLUMBERGER	J55	C405233	08-28-03	100.1	100.1	99.7
KUE	SCHLUMBERGER	J55	C405234	08-28-03	100.1	99.9	100.1
KUE	SCHLUMBERGER	J55	C405235	08-28-03	100.2	100.1	100.2
KUE	SCHLUMBERGER	J55	C405236	08-28-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	J55	C405237	08-28-03	100.2	100.2	99.9
KUE	SCHLUMBERGER	J55	C405238	08-28-03	100.2	100.2	100.3
KUE	SCHLUMBERGER	J55	C405239	08-28-03	99.9	99.6	100.3
KUE	SCHLUMBERGER	J55	C405240	08-28-03	100.1	100.0	100.1
KUE	SCHLUMBERGER	J55	C405241	08-28-03	100.0	99.8	100.4
KUE	SCHLUMBERGER	J55	C405242	08-28-03	100.0	100.1	100.3
KUE	SCHLUMBERGER	J55	C405243	08-28-03	99.9	99.7	99.8
KUE	SCHLUMBERGER	J55	C405244	08-28-03	100.2	99.8	100.2
KUE	SCHLUMBERGER	J55	C405245	08-28-03	100.3	99.9	100.5
KUE	SCHLUMBERGER	J55	C405246	08-28-03	100.1	100.1	99.9
KUE	SCHLUMBERGER	J55	C405247	08-28-03	100.1	99.8	100.2
KUE	SCHLUMBERGER	J55	C405248	08-28-03	100.2	100.1	100.3
KUE	SCHLUMBERGER	J55	C405249	08-28-03	100.1	99.8	100.2
KUE	SCHLUMBERGER	J55	C405250	08-28-03	100.1	100.0	100.1
KUE	SCHLUMBERGER	J55	C405251	08-28-03	99.9	99.6	100.1
KUE	SCHLUMBERGER	J55	C405252	08-28-03	99.9	100.0	99.7
KUE	SCHLUMBERGER	J55	C405253	08-28-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	J55	C405254	08-28-03	100.1	100.2	100.2
KUE	SCHLUMBERGER	J55	C405255	08-28-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	J55	C405256	08-28-03	100.1	100.1	100.3
KUE	SCHLUMBERGER	J55	C405257	08-28-03	100.2	99.8	100.4
KUE	SCHLUMBERGER	J55	C405258	08-28-03	100.2	100.3	100.3
KUE	SCHLUMBERGER	J55	C405259	08-28-03	100.0	99.9	100.3

CO	MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACTOR
KUE	SCHLUMBERGER	J55	C405260	08-28-03	99.9	100.0	100.2
KUE	SCHLUMBERGER	J55	C405261	08-28-03	99.8	99.8	99.9
KUE	SCHLUMBERGER	J55	C405262	08-28-03	100.2	100.0	100.5
KUE	SCHLUMBERGER	J55	C405263	08-28-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	J55	C405264	08-28-03	100.1	100.2	100.0
KUE	SCHLUMBERGER	J55	C405265	08-28-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	J55	C405266	08-28-03	100.1	99.9	99.9
KUE	SCHLUMBERGER	J55	C405267	08-28-03	100.1	100.1	99.9
KUE	SCHLUMBERGER	J55	C405268	08-28-03	100.1	100.1	100.3
KUE	SCHLUMBERGER	J55	C405269	08-28-03	99.9	99.9	99.9
KUE	SCHLUMBERGER	J55	C405270	08-28-03	100.0	100.0	99.8
KUE	SCHLUMBERGER	J55	C405271	08-28-03	99.9	99.9	100.1
KUE	SCHLUMBERGER	J55	C405272	08-28-03	100.1	100.1	100.3
KUE	SCHLUMBERGER	J55	C405273	08-28-03	99.9	99.7	100.2
KUE	SCHLUMBERGER	J55	C405274	08-28-03	100.1	100.0	99.9
KUE	SCHLUMBERGER	J55	C405275	08-28-03	99.9	99.7	100.2
KUE	SCHLUMBERGER	J55	C405276	08-28-03	100.0	99.9	99.8
KUE	SCHLUMBERGER	J55	C405277	08-28-03	100.1	100.1	100.1
KUE	SCHLUMBERGER	J55	C405278	08-28-03	100.1	100.0	99.9
KUE	SCHLUMBERGER	J55	C405279	08-28-03	100.3	100.1	99.9
KUE	SCHLUMBERGER	J55	C405280	08-28-03	99.9	99.9	100.4
KUE	SCHLUMBERGER	J55	C405281	08-28-03	99.9	100.0	100.3
KUE	SCHLUMBERGER	J55	C405282	08-28-03	100.0	100.0	99.9
KUE	SCHLUMBERGER	J55	C405283	08-28-03	99.9	99.7	100.0
KUE	SCHLUMBERGER	J55	C405284	08-28-03	100.2	99.9	100.4
KUE	SCHLUMBERGER	J55	C405285	08-28-03	100.0	100.2	99.7
KUE	SCHLUMBERGER	J55	C405286	08-28-03	100.1	100.1	100.0
KUE	SCHLUMBERGER	J55	C405287	08-28-03	100.0	99.8	100.1
KUE	SCHLUMBERGER	J55	C405288	08-28-03	99.9	99.8	100.3
KUE	SCHLUMBERGER	J55	C405289	08-28-03	99.9	99.9	100.1
KUE	SCHLUMBERGER	J55	C405290	08-28-03	99.9	99.8	99.9
KUE	SCHLUMBERGER	J55	C405291	08-28-03	100.0	100.2	100.0
KUE	SCHLUMBERGER	J55	C405292	08-28-03	99.9	100.0	100.3
KUE	SCHLUMBERGER	J55	C405293	08-28-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	J55	C405294	08-28-03	100.2	99.9	100.3
KUE	SCHLUMBERGER	J55	C405295	08-28-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	J55	C405296	08-28-03	100.0	99.9	99.8
KUE	SCHLUMBERGER	J55	C405297	08-28-03	99.9	99.9	99.9
KUE	SCHLUMBERGER	J55	C405298	08-28-03	100.0	100.0	99.9
KUE	SCHLUMBERGER	J55	C405299	08-28-03	100.1	100.1	99.9
KUE	SCHLUMBERGER	J55	C405300	08-28-03	100.0	100.0	99.9
KUE	SCHLUMBERGER	J55	C405301	08-28-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	J55	C405302	08-28-03	100.1	100.4	99.9
KUE	SCHLUMBERGER	J55	C405303	08-28-03	100.0	100.1	100.0
KUE	SCHLUMBERGER	J55	C405304	08-28-03	100.1	100.2	100.1
KUE	SCHLUMBERGER	J55	C405305	08-28-03	100.1	100.0	100.4
KUE	SCHLUMBERGER	J55	C405306	08-28-03	100.0	100.2	100.1
KUE	SCHLUMBERGER	J55	C405307	08-28-03	100.0	99.9	100.4
KUE	SCHLUMBERGER	J55	C405308	08-28-03	99.9	100.0	100.4
KUE	SCHLUMBERGER	J55	C405309	08-28-03	99.9	99.9	99.5
KUE	SCHLUMBERGER	J55	C405310	08-28-03	100.0	99.9	100.4

KENTUCKY UTILITIES / OLD DOMINION POWER COMPANY  
 MANUFACTURER TESTS ADDED LAST YEAR  
 REPORT NO. MD8880

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 RUN DATE: 2/24/04  
 RUN TIME: 16.07.13

CO	MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACTOR
KUE	SCHLUMBERGER	J55	C405311	08-28-03	99.9	99.6	100.2
KUE	SCHLUMBERGER	J55	C405312	08-28-03	100.2	100.1	100.3
KUE	SCHLUMBERGER	J55	C405313	08-28-03	100.0	99.7	100.4
KUE	SCHLUMBERGER	J55	C405314	08-28-03	100.0	100.2	100.2
KUE	SCHLUMBERGER	J55	C405315	08-28-03	100.1	100.1	100.2
KUE	SCHLUMBERGER	J55	C405316	08-28-03	99.8	99.8	100.0
KUE	SCHLUMBERGER	J55	C405317	08-28-03	100.0	100.0	100.5
KUE	SCHLUMBERGER	J55	C405318	08-28-03	99.9	99.7	99.7
KUE	SCHLUMBERGER	J55	C405319	08-28-03	100.0	100.1	100.2
KUE	SCHLUMBERGER	J55	C405320	08-28-03	100.0	99.7	100.2
KUE	SCHLUMBERGER	J55	C405321	08-28-03	100.0	100.2	99.9
KUE	SCHLUMBERGER	J55	C405322	08-28-03	100.1	100.0	100.3
KUE	SCHLUMBERGER	J55	C405323	08-28-03	100.1	100.0	100.0
KUE	SCHLUMBERGER	J55	C405324	08-28-03	100.0	99.9	99.9
KUE	SCHLUMBERGER	J55	C405325	08-28-03	100.2	100.0	100.7
KUE	SCHLUMBERGER	J55	C405326	08-28-03	100.0	99.7	100.3
KUE	SCHLUMBERGER	J55	C405327	08-28-03	100.1	100.0	100.0
KUE	SCHLUMBERGER	J55	C405328	08-28-03	100.2	100.0	100.5
KUE	SCHLUMBERGER	J55	C405329	08-28-03	100.0	99.9	100.6
KUE	SCHLUMBERGER	J55	C405330	08-28-03	100.0	100.0	100.2
KUE	SCHLUMBERGER	J55	C405331	08-28-03	99.9	100.0	99.7
KUE	SCHLUMBERGER	J55	C405332	08-28-03	100.1	100.0	100.3
KUE	SCHLUMBERGER	J55	C405333	08-28-03	100.1	99.7	100.1
KUE	SCHLUMBERGER	J55	C405334	08-28-03	99.9	100.2	100.2
KUE	SCHLUMBERGER	J55	C405335	08-28-03	100.1	99.9	100.1
KUE	SCHLUMBERGER	J55	C405336	08-28-03	100.1	100.2	100.2
KUE	SCHLUMBERGER	J55	C405337	08-28-03	100.0	99.8	100.3
KUE	SCHLUMBERGER	J55	C405338	08-28-03	100.1	100.0	99.5
KUE	SCHLUMBERGER	J55	C405339	08-28-03	100.1	100.0	100.4
KUE	SCHLUMBERGER	J55	C405340	08-28-03	100.2	100.4	100.1
KUE	SCHLUMBERGER	J55	C405341	08-28-03	100.1	99.6	99.8
KUE	SCHLUMBERGER	J55	C405342	08-28-03	100.1	100.3	100.0
KUE	SCHLUMBERGER	J55	C405343	08-28-03	100.1	100.1	100.4
KUE	SCHLUMBERGER	J55	C405344	08-28-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	J55	C405345	08-28-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	J55	C405346	08-28-03	100.1	100.0	100.0
KUE	SCHLUMBERGER	J55	C405347	08-28-03	100.1	99.7	100.5
KUE	SCHLUMBERGER	J55	C405348	08-28-03	100.3	100.0	99.8
KUE	SCHLUMBERGER	J55	C405349	08-28-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	J55	C405350	08-28-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	J55	C405351	08-28-03	100.1	100.1	99.6
KUE	SCHLUMBERGER	J55	C405352	08-28-03	99.9	100.0	99.8
KUE	SCHLUMBERGER	J55	C405353	08-28-03	100.2	100.1	100.1
KUE	SCHLUMBERGER	J55	C405354	08-28-03	100.2	100.1	100.4
KUE	SCHLUMBERGER	J55	C405355	08-28-03	99.9	99.9	100.1
KUE	SCHLUMBERGER	J55	C405356	08-28-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	J55	C405357	08-28-03	99.8	100.0	99.9
KUE	SCHLUMBERGER	J55	C405358	08-28-03	100.1	100.0	100.3
KUE	SCHLUMBERGER	J55	C405359	08-28-03	100.1	100.2	100.2
KUE	SCHLUMBERGER	J55	C405360	08-28-03	100.0	100.1	100.0
KUE	SCHLUMBERGER	J55	C405361	08-28-03	100.0	99.9	100.3

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CO	MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACTOR
KUE	SCHLUMBERGER	J55	C405362	08-28-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	J55	C405363	08-28-03	100.1	99.9	100.1
KUE	SCHLUMBERGER	J55	C405364	08-28-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	J55	C405365	08-28-03	100.1	99.9	99.8
KUE	SCHLUMBERGER	J55	C405366	08-28-03	100.2	100.0	100.3
KUE	SCHLUMBERGER	J55	C405367	08-28-03	100.3	100.4	100.3
KUE	SCHLUMBERGER	J55	C405368	08-28-03	100.1	100.0	100.4
KUE	SCHLUMBERGER	J55	C405369	08-28-03	100.2	100.2	100.4
KUE	SCHLUMBERGER	J55	C405370	08-28-03	100.2	99.8	100.1
KUE	SCHLUMBERGER	J55	C405371	08-28-03	100.2	100.2	100.5
KUE	SCHLUMBERGER	J55	C405372	08-28-03	99.9	100.1	99.7
KUE	SCHLUMBERGER	J55	C405373	08-28-03	100.1	100.1	100.2
KUE	SCHLUMBERGER	J55	C405374	08-28-03	100.1	99.7	100.1
KUE	SCHLUMBERGER	J55	C405375	08-28-03	100.1	100.4	100.3
KUE	SCHLUMBERGER	J55	C405376	08-28-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	J55	C405377	08-28-03	99.9	99.9	99.7
KUE	SCHLUMBERGER	J55	C405378	08-28-03	100.1	100.1	100.0
KUE	SCHLUMBERGER	J55	C405379	08-28-03	100.0	99.7	99.8
KUE	SCHLUMBERGER	J55	C405380	08-28-03	100.1	100.0	99.9
KUE	SCHLUMBERGER	J55	C405381	11-04-03	100.0	100.1	100.3
KUE	SCHLUMBERGER	J55	C405382	11-04-03	100.0	99.7	100.3
KUE	SCHLUMBERGER	J55	C405383	11-04-03	100.2	99.7	99.9
KUE	SCHLUMBERGER	J55	C405384	11-04-03	99.9	100.1	99.9
KUE	SCHLUMBERGER	J55	C405385	11-04-03	100.1	100.0	100.0
KUE	SCHLUMBERGER	J55	C405386	11-04-03	100.0	100.0	99.9
KUE	SCHLUMBERGER	J55	C405387	11-04-03	100.1	99.8	100.3
KUE	SCHLUMBERGER	J55	C405388	11-04-03	99.9	99.8	100.0
KUE	SCHLUMBERGER	J55	C405389	11-04-03	99.8	99.8	99.9
KUE	SCHLUMBERGER	J55	C405390	11-04-03	100.1	100.1	100.4
KUE	SCHLUMBERGER	J55	C405391	11-04-03	100.0	99.8	99.9
KUE	SCHLUMBERGER	J55	C405392	11-04-03	99.8	99.8	100.0
KUE	SCHLUMBERGER	J55	C405393	11-04-03	100.0	100.1	100.3
KUE	SCHLUMBERGER	J55	C405394	11-04-03	100.1	100.1	100.3
KUE	SCHLUMBERGER	J55	C405395	11-04-03	100.0	99.7	99.9
KUE	SCHLUMBERGER	J55	C405396	11-04-03	100.1	100.4	100.4
KUE	SCHLUMBERGER	J55	C405397	11-04-03	100.1	100.0	100.1
KUE	SCHLUMBERGER	J55	C405398	11-04-03	99.8	100.1	100.2
KUE	SCHLUMBERGER	J55	C405399	11-04-03	100.0	99.6	100.3
KUE	SCHLUMBERGER	J55	C405400	11-04-03	100.0	99.8	99.5
KUE	SCHLUMBERGER	J55	C405401	11-04-03	100.3	100.4	100.1
KUE	SCHLUMBERGER	J55	C405402	11-04-03	100.1	100.3	100.3
KUE	SCHLUMBERGER	J55	C405403	11-04-03	99.9	99.8	100.2
KUE	SCHLUMBERGER	J55	C405404	11-04-03	100.1	100.1	100.2
KUE	SCHLUMBERGER	J55	C405405	11-04-03	100.2	99.9	100.0
KUE	SCHLUMBERGER	J55	C405406	11-04-03	99.9	99.6	99.8
KUE	SCHLUMBERGER	J55	C405407	11-04-03	100.2	99.8	100.2
KUE	SCHLUMBERGER	J55	C405408	11-04-03	99.8	99.8	99.7
KUE	SCHLUMBERGER	J55	C405409	11-04-03	99.9	99.8	99.9
KUE	SCHLUMBERGER	J55	C405410	11-04-03	99.9	99.9	99.7
KUE	SCHLUMBERGER	J55	C405411	11-04-03	100.1	99.9	100.1
KUE	SCHLUMBERGER	J55	C405412	11-04-03	99.9	100.2	100.1

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KUE	SCHLUMBERGER	J55	C405413	11-04-03	99.9	99.8	99.9
KUE	SCHLUMBERGER	J55	C405414	11-04-03	100.1	100.0	100.3
KUE	SCHLUMBERGER	J55	C405415	11-04-03	100.0	99.9	100.2
KUE	SCHLUMBERGER	J55	C405416	11-04-03	100.2	100.0	99.9
KUE	SCHLUMBERGER	J55	C405417	11-04-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	J55	C405418	11-04-03	100.1	99.8	100.2
KUE	SCHLUMBERGER	J55	C405419	11-04-03	99.9	100.2	99.8
KUE	SCHLUMBERGER	J55	C405420	11-04-03	99.9	100.2	100.3
KUE	SCHLUMBERGER	J55	C405421	11-04-03	99.9	100.2	99.9
KUE	SCHLUMBERGER	J55	C405422	11-04-03	99.8	100.1	100.1
KUE	SCHLUMBERGER	J55	C405423	11-04-03	99.8	99.7	99.9
KUE	SCHLUMBERGER	J55	C405424	11-04-03	99.9	99.8	100.2
KUE	SCHLUMBERGER	J55	C405425	11-04-03	99.9	99.9	100.2
KUE	SCHLUMBERGER	J55	C405426	11-04-03	99.8	99.7	99.8
KUE	SCHLUMBERGER	J55	C405427	11-04-03	99.8	99.9	100.0
KUE	SCHLUMBERGER	J55	C405428	11-04-03	100.1	100.1	100.2
KUE	SCHLUMBERGER	J55	C405429	11-04-03	99.9	100.0	100.4
KUE	SCHLUMBERGER	J55	C405430	11-04-03	100.1	99.6	100.1
KUE	SCHLUMBERGER	J55	C405431	11-04-03	99.9	100.2	100.0
KUE	SCHLUMBERGER	J55	C405432	11-04-03	99.9	100.0	99.9
KUE	SCHLUMBERGER	J55	C405433	11-04-03	99.9	99.8	99.9
KUE	SCHLUMBERGER	J55	C405434	11-04-03	100.0	99.8	100.0
KUE	SCHLUMBERGER	J55	C405435	11-04-03	99.9	100.0	100.3
KUE	SCHLUMBERGER	J55	C405436	11-04-03	100.1	100.1	100.2
KUE	SCHLUMBERGER	J55	C405437	11-04-03	99.9	100.0	99.9
KUE	SCHLUMBERGER	J55	C405438	11-04-03	100.1	99.6	99.8
KUE	SCHLUMBERGER	J55	C405439	11-04-03	100.2	100.0	100.2
KUE	SCHLUMBERGER	J55	C405440	11-04-03	100.0	99.7	100.0
KUE	SCHLUMBERGER	J55	C405441	11-04-03	99.9	99.8	100.0
KUE	SCHLUMBERGER	J55	C405442	11-04-03	100.0	99.6	100.1
KUE	SCHLUMBERGER	J55	C405443	11-04-03	100.2	99.9	100.3
KUE	SCHLUMBERGER	J55	C405444	11-04-03	100.1	99.9	99.9
KUE	SCHLUMBERGER	J55	C405445	11-04-03	99.8	100.0	99.6
KUE	SCHLUMBERGER	J55	C405446	11-04-03	100.0	99.8	100.3
KUE	SCHLUMBERGER	J55	C405447	11-04-03	100.2	99.8	100.3
KUE	SCHLUMBERGER	J55	C405448	11-04-03	99.9	99.9	100.3
KUE	SCHLUMBERGER	J55	C405449	11-04-03	100.0	100.2	100.2
KUE	SCHLUMBERGER	J55	C405450	11-04-03	100.0	99.7	99.9
KUE	SCHLUMBERGER	J55	C405451	11-04-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	J55	C405452	11-04-03	99.9	99.9	100.4
KUE	SCHLUMBERGER	J55	C405453	11-04-03	99.9	100.1	100.1
KUE	SCHLUMBERGER	J55	C405454	11-04-03	99.9	99.9	100.1
KUE	SCHLUMBERGER	J55	C405455	11-04-03	100.2	99.8	100.3
KUE	SCHLUMBERGER	J55	C405456	11-04-03	100.0	99.7	100.0
KUE	SCHLUMBERGER	J55	C405457	11-04-03	100.0	100.0	100.2
KUE	SCHLUMBERGER	J55	C405458	11-04-03	99.9	100.1	99.6
KUE	SCHLUMBERGER	J55	C405459	11-04-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	J55	C405460	11-04-03	99.9	99.9	100.3
KUE	SCHLUMBERGER	J55	C405461	11-04-03	99.9	100.2	100.0
KUE	SCHLUMBERGER	J55	C405462	11-04-03	100.0	99.9	100.5
KUE	SCHLUMBERGER	J55	C405463	11-04-03	99.7	100.0	99.8



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CO	MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PF FACTOR
KUE	SCHLUMBERGER	J5S	C405464	11-04-03	100.0	100.0	99.9
KUE	SCHLUMBERGER	J5S	C405465	11-04-03	99.9	99.9	100.4
KUE	SCHLUMBERGER	J5S	C405466	11-04-03	100.0	99.8	100.4
KUE	SCHLUMBERGER	J5S	C405467	11-04-03	100.0	99.6	99.9
KUE	SCHLUMBERGER	J5S	C405468	11-04-03	100.0	100.1	99.8
KUE	SCHLUMBERGER	J5S	C405469	11-04-03	100.2	99.9	99.8
KUE	SCHLUMBERGER	J5S	C405470	11-04-03	100.0	100.0	100.4
KUE	SCHLUMBERGER	J5S	C405471	11-04-03	99.9	99.7	99.9
KUE	SCHLUMBERGER	J5S	C405472	11-04-03	100.2	99.6	100.2
KUE	SCHLUMBERGER	J5S	C405473	11-04-03	100.0	99.9	100.2
KUE	SCHLUMBERGER	J5S	C405474	11-04-03	99.9	99.9	99.5
KUE	SCHLUMBERGER	J5S	C405475	11-04-03	100.2	99.9	100.3
KUE	SCHLUMBERGER	J5S	C405476	11-04-03	100.1	99.7	100.2
KUE	SCHLUMBERGER	J5S	C405477	11-04-03	100.1	99.8	99.5
KUE	SCHLUMBERGER	J5S	C405478	11-04-03	100.0	99.8	99.8
KUE	SCHLUMBERGER	J5S	C405479	11-04-03	100.1	100.0	100.3
KUE	SCHLUMBERGER	J5S	C405480	11-04-03	100.0	99.7	100.1
KUE	SCHLUMBERGER	J5S	C405481	11-04-03	99.9	99.9	99.8
KUE	SCHLUMBERGER	J5S	C405482	11-04-03	99.8	99.9	100.1
KUE	SCHLUMBERGER	J5S	C405483	11-04-03	100.2	100.1	100.1
KUE	SCHLUMBERGER	J5S	C405484	11-04-03	100.1	99.9	100.0
KUE	SCHLUMBERGER	J5S	C405485	11-04-03	100.0	100.0	99.8
KUE	SCHLUMBERGER	J5S	C405486	11-04-03	100.0	99.8	100.3
KUE	SCHLUMBERGER	J5S	C405487	11-04-03	99.9	99.6	99.9
KUE	SCHLUMBERGER	J5S	C405488	11-04-03	99.8	99.7	100.0
KUE	SCHLUMBERGER	J5S	C405489	11-04-03	100.3	100.0	100.4
KUE	SCHLUMBERGER	J5S	C405490	11-04-03	100.0	99.9	99.9
KUE	SCHLUMBERGER	J5S	C405491	11-04-03	100.1	100.2	100.2
KUE	SCHLUMBERGER	J5S	C405492	11-04-03	99.9	100.2	99.9
KUE	SCHLUMBERGER	J5S	C405493	11-04-03	100.1	100.2	99.8
KUE	SCHLUMBERGER	J5S	C405494	11-04-03	100.0	100.0	99.6
KUE	SCHLUMBERGER	J5S	C405495	11-04-03	99.9	99.8	100.0
KUE	SCHLUMBERGER	J5S	C405496	11-04-03	99.8	99.8	100.2
KUE	SCHLUMBERGER	J5S	C405497	11-04-03	99.9	99.6	99.9
KUE	SCHLUMBERGER	J5S	C405498	11-04-03	99.9	99.8	100.1
KUE	SCHLUMBERGER	J5S	C405499	11-04-03	100.2	99.8	100.6
KUE	SCHLUMBERGER	J5S	C405500	11-04-03	99.9	99.7	100.1
KUE	SCHLUMBERGER	J5S	C405501	11-04-03	99.9	99.7	100.1
KUE	SCHLUMBERGER	J5S	C405502	11-04-03	100.0	100.3	99.4
KUE	SCHLUMBERGER	J5S	C405503	11-04-03	100.0	99.8	100.2
KUE	SCHLUMBERGER	J5S	C405504	11-04-03	100.0	100.0	100.4
KUE	SCHLUMBERGER	J5S	C405505	11-04-03	100.0	99.9	100.2
KUE	SCHLUMBERGER	J5S	C405506	11-04-03	99.9	100.0	99.9
KUE	SCHLUMBERGER	J5S	C405507	11-04-03	99.9	99.7	100.1
KUE	SCHLUMBERGER	J5S	C405508	11-04-03	100.2	99.7	99.8
KUE	SCHLUMBERGER	J5S	C405509	11-04-03	100.1	99.9	100.3
KUE	SCHLUMBERGER	J5S	C405510	11-04-03	100.2	100.1	100.4
KUE	SCHLUMBERGER	J5S	C405511	11-04-03	100.1	99.7	100.1
KUE	SCHLUMBERGER	J5S	C405512	11-04-03	100.0	99.8	100.4
KUE	SCHLUMBERGER	J5S	C405513	11-04-03	99.9	99.8	99.8
KUE	SCHLUMBERGER	J5S	C405514	11-04-03	99.8	100.0	100.0

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CO	MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACTOR
KUE	SCHLUMBERGER	J55	C405515	11-04-03	100.1	100.0	99.6
KUE	SCHLUMBERGER	J55	C405516	11-04-03	100.3	100.0	100.3
KUE	SCHLUMBERGER	J55	C405517	11-04-03	99.9	99.6	99.8
KUE	SCHLUMBERGER	J55	C405518	11-04-03	100.1	100.1	100.0
KUE	SCHLUMBERGER	J55	C405519	11-04-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	J55	C405520	11-04-03	99.8	100.1	100.1
KUE	SCHLUMBERGER	J55	C405521	11-04-03	99.8	100.0	99.8
KUE	SCHLUMBERGER	J55	C405522	11-04-03	100.1	100.2	100.3
KUE	SCHLUMBERGER	J55	C405523	11-04-03	100.0	99.8	100.3
KUE	SCHLUMBERGER	J55	C405524	11-04-03	100.0	99.7	100.3
KUE	SCHLUMBERGER	J55	C405525	11-04-03	100.0	100.0	99.9
KUE	SCHLUMBERGER	J55	C405526	11-04-03	99.9	99.8	99.9
KUE	SCHLUMBERGER	J55	C405527	11-04-03	99.8	99.8	99.8
KUE	SCHLUMBERGER	J55	C405528	11-04-03	100.0	99.8	99.9
KUE	SCHLUMBERGER	J55	C405529	11-04-03	100.0	100.0	100.3
KUE	SCHLUMBERGER	J55	C405530	11-04-03	99.8	99.8	99.9
KUE	SCHLUMBERGER	J55	C405531	11-04-03	99.9	100.1	100.1
KUE	SCHLUMBERGER	J55	C405532	11-04-03	99.9	99.8	99.7
KUE	SCHLUMBERGER	J55	C405533	11-04-03	100.0	100.0	99.8
KUE	SCHLUMBERGER	J55	C405534	11-04-03	99.8	100.0	99.9
KUE	SCHLUMBERGER	J55	C405535	11-04-03	99.8	99.9	100.0
KUE	SCHLUMBERGER	J55	C405536	11-04-03	100.1	100.2	100.0
KUE	SCHLUMBERGER	J55	C405537	11-04-03	99.8	99.7	99.8
KUE	SCHLUMBERGER	J55	C405538	11-04-03	100.3	100.1	100.4
KUE	SCHLUMBERGER	J55	C405539	11-04-03	100.1	100.1	99.9
KUE	SCHLUMBERGER	J55	C405540	11-04-03	100.2	99.7	99.6
KUE	SCHLUMBERGER	J55	C405541	11-04-03	100.0	100.4	100.0
KUE	SCHLUMBERGER	J55	C405542	11-04-03	99.9	99.8	100.2
KUE	SCHLUMBERGER	J55	C405543	11-04-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	J55	C405544	11-04-03	99.9	99.9	99.6
KUE	SCHLUMBERGER	J55	C405545	11-04-03	100.2	99.9	100.4
KUE	SCHLUMBERGER	J55	C405546	11-04-03	99.9	99.8	99.6
KUE	SCHLUMBERGER	J55	C405547	11-04-03	100.0	100.2	100.0
KUE	SCHLUMBERGER	J55	C405548	11-04-03	100.0	100.1	99.7
KUE	SCHLUMBERGER	J55	C405549	11-04-03	100.0	99.7	100.1
KUE	SCHLUMBERGER	J55	C405550	11-04-03	99.9	99.8	99.9
KUE	SCHLUMBERGER	J55	C405551	11-04-03	100.1	99.7	100.5
KUE	SCHLUMBERGER	J55	C405552	11-04-03	99.9	99.8	99.9
KUE	SCHLUMBERGER	J55	C405553	11-04-03	100.0	99.8	100.0
KUE	SCHLUMBERGER	J55	C405554	11-04-03	100.1	100.3	100.4
KUE	SCHLUMBERGER	J55	C405555	11-04-03	99.9	99.6	100.2
KUE	SCHLUMBERGER	J55	C405556	11-04-03	100.1	100.1	99.9
KUE	SCHLUMBERGER	J55	C405557	11-04-03	100.0	100.0	100.2
KUE	SCHLUMBERGER	J55	C405558	11-04-03	99.8	100.3	99.7
KUE	SCHLUMBERGER	J55	C405559	11-04-03	99.9	100.0	99.9
KUE	SCHLUMBERGER	J55	C405560	11-04-03	100.3	99.9	100.4
KUE	SCHLUMBERGER	J55	C405561	11-04-03	100.1	100.1	100.0
KUE	SCHLUMBERGER	J55	C405562	11-04-03	100.0	100.5	100.4
KUE	SCHLUMBERGER	J55	C405563	11-04-03	99.9	99.7	100.1
KUE	SCHLUMBERGER	J55	C405564	11-04-03	99.8	99.8	100.1
KUE	SCHLUMBERGER	J55	C405565	11-04-03	100.0	99.7	99.9

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CO	MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACTOR
KUE	SCHLUMBERGER	J55	C405566	11-04-03	100.2	99.9	100.0
KUE	SCHLUMBERGER	J55	C405567	11-04-03	100.0	99.9	100.3
KUE	SCHLUMBERGER	J55	C405568	11-04-03	100.1	100.0	100.1
KUE	SCHLUMBERGER	J55	C405569	11-04-03	99.8	100.0	99.8
KUE	SCHLUMBERGER	J55	C405570	11-04-03	100.0	100.2	99.6
KUE	SCHLUMBERGER	J55	C405571	11-04-03	99.9	99.7	100.0
KUE	SCHLUMBERGER	J55	C405572	11-04-03	99.8	99.8	99.9
KUE	SCHLUMBERGER	J55	C405573	11-04-03	100.1	99.7	100.0
KUE	SCHLUMBERGER	J55	C405574	11-04-03	100.1	100.0	100.3
KUE	SCHLUMBERGER	J55	C405575	11-04-03	100.0	99.8	100.4
KUE	SCHLUMBERGER	J55	C405576	11-04-03	99.8	99.8	99.8
KUE	SCHLUMBERGER	J55	C405577	11-04-03	100.0	99.8	100.1
KUE	SCHLUMBERGER	J55	C405578	11-04-03	99.9	99.8	100.1
KUE	SCHLUMBERGER	J55	C405579	11-04-03	100.0	99.8	99.9
KUE	SCHLUMBERGER	J55	C405580	11-04-03	99.9	99.9	99.4
KUE	SCHLUMBERGER	J55	C405581	11-04-03	100.1	99.9	99.8
KUE	SCHLUMBERGER	J55	C405582	11-04-03	100.1	100.0	100.1
KUE	SCHLUMBERGER	J55	C405583	11-04-03	99.9	99.6	100.0
KUE	SCHLUMBERGER	J55	C405584	11-04-03	99.9	100.0	99.9
KUE	SCHLUMBERGER	J55	C405585	11-04-03	100.3	100.1	100.7
KUE	SCHLUMBERGER	J55	C405586	11-04-03	99.8	100.0	99.9
KUE	SCHLUMBERGER	J55	C405587	11-04-03	99.9	99.8	100.0
KUE	SCHLUMBERGER	J55	C405588	11-04-03	100.1	99.9	100.3
KUE	SCHLUMBERGER	J55	C405589	11-04-03	99.9	99.8	100.1
KUE	SCHLUMBERGER	J55	C405590	11-04-03	99.9	100.0	99.7
KUE	SCHLUMBERGER	J55	C405591	11-04-03	99.9	99.8	99.8
KUE	SCHLUMBERGER	J55	C405592	11-04-03	100.2	99.7	99.8
KUE	SCHLUMBERGER	J55	C405593	11-04-03	100.0	100.0	100.3
KUE	SCHLUMBERGER	J55	C405594	11-04-03	99.8	99.8	100.2
KUE	SCHLUMBERGER	J55	C405595	11-04-03	99.9	100.0	100.2
KUE	SCHLUMBERGER	J55	C405596	11-04-03	100.0	100.0	99.8
KUE	SCHLUMBERGER	J55	C405597	11-04-03	100.1	100.1	100.3
KUE	SCHLUMBERGER	J55	C405598	11-04-03	100.0	100.1	100.0
KUE	SCHLUMBERGER	J55	C405599	11-04-03	100.0	99.9	100.5
KUE	SCHLUMBERGER	J55	C405600	11-04-03	99.8	100.0	100.0
KUE	SCHLUMBERGER	J55	C405601	11-04-03	99.9	99.7	100.1
KUE	SCHLUMBERGER	J55	C405602	11-04-03	100.1	99.9	100.0
KUE	SCHLUMBERGER	J55	C405603	11-04-03	100.0	100.0	99.6
KUE	SCHLUMBERGER	J55	C405604	11-04-03	99.9	100.0	99.9
KUE	SCHLUMBERGER	J55	C405605	11-03-03	99.8	99.6	99.5
KUE	SCHLUMBERGER	J55	C405606	11-03-03	100.0	99.9	99.9
KUE	SCHLUMBERGER	J55	C405607	11-03-03	99.9	99.8	100.1
KUE	SCHLUMBERGER	J55	C405608	11-03-03	100.2	100.2	100.2
KUE	SCHLUMBERGER	J55	C405609	11-03-03	100.0	100.0	99.7
KUE	SCHLUMBERGER	J55	C405610	11-03-03	100.0	100.0	99.7
KUE	SCHLUMBERGER	J55	C405611	11-03-03	100.3	100.1	100.5
KUE	SCHLUMBERGER	J55	C405612	11-03-03	100.3	100.2	100.3
KUE	SCHLUMBERGER	J55	C405613	11-04-03	99.9	99.8	100.1
KUE	SCHLUMBERGER	J55	C405614	11-03-03	100.0	99.8	100.5
KUE	SCHLUMBERGER	J55	C405615	11-03-03	99.9	99.8	100.1
KUE	SCHLUMBERGER	J55	C405616	11-03-03	100.2	99.7	100.5

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KUE	SCHLUMBERGER	J55	C405617	11-03-03	100.3	100.3	99.9
KUE	SCHLUMBERGER	J55	C405618	11-03-03	100.2	100.1	100.5
KUE	SCHLUMBERGER	J55	C405619	11-03-03	100.0	99.6	100.6
KUE	SCHLUMBERGER	J55	C405620	11-03-03	100.0	100.2	100.1
KUE	SCHLUMBERGER	J55	C405621	11-03-03	100.2	100.1	100.2
KUE	SCHLUMBERGER	J55	C405622	11-03-03	99.9	99.7	99.8
KUE	SCHLUMBERGER	J55	C405623	11-03-03	100.0	100.0	100.5
KUE	SCHLUMBERGER	J55	C405624	11-03-03	99.9	99.7	99.5
KUE	SCHLUMBERGER	J55	C405625	11-03-03	100.1	99.6	100.5
KUE	SCHLUMBERGER	J55	C405626	11-03-03	100.0	99.8	100.4
KUE	SCHLUMBERGER	J55	C405627	11-03-03	100.1	99.7	99.9
KUE	SCHLUMBERGER	J55	C405628	11-03-03	99.8	100.0	99.8
KUE	SCHLUMBERGER	J55	C405629	11-03-03	100.1	100.2	100.3
KUE	SCHLUMBERGER	J55	C405630	11-03-03	99.9	100.0	100.2
KUE	SCHLUMBERGER	J55	C405631	11-03-03	99.8	99.7	99.6
KUE	SCHLUMBERGER	J55	C405632	11-03-03	100.3	99.8	100.8
KUE	SCHLUMBERGER	J55	C405633	11-03-03	100.0	100.0	99.7
KUE	SCHLUMBERGER	J55	C405634	11-03-03	100.0	100.2	100.3
KUE	SCHLUMBERGER	J55	C405635	11-03-03	99.9	99.6	100.0
KUE	SCHLUMBERGER	J55	C405636	11-03-03	100.1	100.1	100.0
KUE	SCHLUMBERGER	J55	C405637	11-03-03	100.0	100.1	100.0
KUE	SCHLUMBERGER	J55	C405638	11-03-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	J55	C405639	11-03-03	100.0	99.6	100.2
KUE	SCHLUMBERGER	J55	C405640	11-03-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	J55	C405641	11-03-03	100.1	100.0	99.6
KUE	SCHLUMBERGER	J55	C405642	11-03-03	99.8	99.6	100.5
KUE	SCHLUMBERGER	J55	C405643	11-03-03	100.0	100.1	99.9
KUE	SCHLUMBERGER	J55	C405644	11-03-03	99.9	99.9	100.2
KUE	SCHLUMBERGER	J55	C405645	11-03-03	100.1	100.3	99.8
KUE	SCHLUMBERGER	J55	C405646	11-03-03	99.9	99.8	99.8
KUE	SCHLUMBERGER	J55	C405647	11-03-03	100.2	100.0	100.1
KUE	SCHLUMBERGER	J55	C405648	11-03-03	100.1	100.3	100.5
KUE	SCHLUMBERGER	J55	C405649	11-03-03	99.9	99.7	100.3
KUE	SCHLUMBERGER	J55	C405650	11-03-03	99.9	99.7	100.1
KUE	SCHLUMBERGER	J55	C405651	11-03-03	100.1	100.1	99.5
KUE	SCHLUMBERGER	J55	C405652	11-03-03	99.9	100.0	100.2
KUE	SCHLUMBERGER	J55	C405653	11-03-03	99.8	99.9	100.1
KUE	SCHLUMBERGER	J55	C405654	11-03-03	100.0	99.8	100.0
KUE	SCHLUMBERGER	J55	C405655	11-03-03	100.0	99.8	99.7
KUE	SCHLUMBERGER	J55	C405656	11-03-03	100.0	99.9	99.5
KUE	SCHLUMBERGER	J55	C405657	11-03-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	J55	C405658	11-03-03	99.8	99.9	99.9
KUE	SCHLUMBERGER	J55	C405659	11-03-03	100.0	100.0	100.3
KUE	SCHLUMBERGER	J55	C405660	11-03-03	100.0	99.9	100.0
KUE	SCHLUMBERGER	J55	C405661	11-03-03	99.9	99.8	100.1
KUE	SCHLUMBERGER	J55	C405662	11-03-03	100.1	99.8	100.0
KUE	SCHLUMBERGER	J55	C405663	11-03-03	100.1	99.9	99.8
KUE	SCHLUMBERGER	J55	C405664	11-03-03	99.9	100.2	100.4
KUE	SCHLUMBERGER	J55	C405665	11-03-03	100.1	100.2	99.9
KUE	SCHLUMBERGER	J55	C405666	11-03-03	100.0	99.7	100.4
KUE	SCHLUMBERGER	J55	C405667	11-03-03	100.0	99.9	99.9

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KUE	SCHLUMBERGER	J5S	C405668	11-03-03	99.9	99.9	100.2
KUE	SCHLUMBERGER	J5S	C405669	11-03-03	99.9	99.8	99.8
KUE	SCHLUMBERGER	J5S	C405670	11-03-03	100.2	99.9	100.5
KUE	SCHLUMBERGER	J5S	C405671	11-03-03	100.0	100.1	100.3
KUE	SCHLUMBERGER	J5S	C405672	11-03-03	100.1	99.9	100.2
KUE	SCHLUMBERGER	J5S	C405673	11-03-03	100.0	99.8	99.9
KUE	SCHLUMBERGER	J5S	C405674	11-03-03	100.1	100.0	100.2
KUE	SCHLUMBERGER	J5S	C405675	11-03-03	100.1	99.7	99.7
KUE	SCHLUMBERGER	J5S	C405676	11-03-03	100.0	99.8	100.0
KUE	SCHLUMBERGER	J5S	C405677	11-03-03	100.3	100.3	100.3
KUE	SCHLUMBERGER	J5S	C405678	11-03-03	100.1	100.2	100.0
KUE	SCHLUMBERGER	J5S	C405679	11-03-03	100.0	100.0	100.5
KUE	SCHLUMBERGER	J5S	C405680	11-03-03	100.1	99.8	100.5
KUE	SCHLUMBERGER	J5S	C405681	11-03-03	100.2	100.0	100.1
KUE	SCHLUMBERGER	J5S	C405682	11-03-03	100.0	100.0	100.4
KUE	SCHLUMBERGER	J5S	C405683	11-03-03	100.0	99.7	100.1
KUE	SCHLUMBERGER	J5S	C405684	11-03-03	100.1	99.6	99.6
KUE	SCHLUMBERGER	J5S	C405685	11-03-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	J5S	C405686	11-03-03	99.9	100.0	100.2
KUE	SCHLUMBERGER	J5S	C405687	11-03-03	100.2	100.2	100.3
KUE	SCHLUMBERGER	J5S	C405688	11-03-03	100.1	99.9	99.8
KUE	SCHLUMBERGER	J5S	C405689	11-03-03	99.9	99.6	99.7
KUE	SCHLUMBERGER	J5S	C405690	11-03-03	99.9	99.9	100.1
KUE	SCHLUMBERGER	J5S	C405691	11-03-03	100.0	100.1	100.16
KUE	SCHLUMBERGER	J5S	C405692	11-03-03	100.2	100.1	99.8
KUE	SCHLUMBERGER	J5S	C405693	11-03-03	100.0	99.9	100.2
KUE	SCHLUMBERGER	J5S	C405694	11-03-03	100.0	99.7	100.0
KUE	SCHLUMBERGER	J5S	C405695	11-03-03	99.9	100.0	99.9
KUE	SCHLUMBERGER	J5S	C405696	11-03-03	100.1	100.4	100.3
KUE	SCHLUMBERGER	J5S	C405697	11-03-03	100.1	99.7	100.4
KUE	SCHLUMBERGER	J5S	C405698	11-03-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	J5S	C405699	11-03-03	99.8	99.8	100.2
KUE	SCHLUMBERGER	J5S	C405700	11-03-03	100.1	100.0	100.4
KUE	SCHLUMBERGER	J5S	C405701	11-03-03	100.1	99.8	100.0
KUE	SCHLUMBERGER	J5S	C405702	11-03-03	100.1	100.1	100.2
KUE	SCHLUMBERGER	J5S	C405703	11-03-03	100.1	100.1	100.2
KUE	SCHLUMBERGER	J5S	C405704	11-03-03	99.9	99.8	99.5
KUE	SCHLUMBERGER	J5S	C405705	11-03-03	100.2	99.8	100.1
KUE	SCHLUMBERGER	J5S	C405706	11-03-03	100.0	100.1	100.3
KUE	SCHLUMBERGER	J5S	C405707	11-03-03	100.1	99.8	100.3
KUE	SCHLUMBERGER	J5S	C405708	11-03-03	99.8	99.8	99.7
KUE	SCHLUMBERGER	J5S	C405709	11-03-03	99.7	100.2	100.2
KUE	SCHLUMBERGER	J5S	C405710	11-03-03	100.0	99.9	100.2
KUE	SCHLUMBERGER	J5S	C405711	11-03-03	100.2	100.0	100.3
KUE	SCHLUMBERGER	J5S	C405712	11-03-03	100.2	99.9	100.1
KUE	SCHLUMBERGER	J5S	C405713	11-03-03	100.2	99.7	100.4
KUE	SCHLUMBERGER	J5S	C405714	11-03-03	99.8	99.8	99.9
KUE	SCHLUMBERGER	J5S	C405715	11-03-03	100.1	100.0	100.2
KUE	SCHLUMBERGER	J5S	C405716	11-03-03	100.3	99.9	100.0
KUE	SCHLUMBERGER	J5S	C405717	11-03-03	100.0	99.8	100.1
KUE	SCHLUMBERGER	J5S	C405718	11-03-03	100.2	100.1	99.8

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KUE	SCHLUMBERGER	J55	C405719	11-03-03	100.1	100.3	100.5
KUE	SCHLUMBERGER	J55	C405720	11-03-03	100.0	99.7	100.0
KUE	SCHLUMBERGER	J55	C405721	11-03-03	99.9	99.7	99.9
KUE	SCHLUMBERGER	J55	C405722	11-03-03	100.1	100.0	100.1
KUE	SCHLUMBERGER	J55	C405723	11-03-03	99.9	100.4	100.1
KUE	SCHLUMBERGER	J55	C405724	11-03-03	100.1	100.1	100.4
KUE	SCHLUMBERGER	J55	C405725	11-03-03	99.8	100.0	99.7
KUE	SCHLUMBERGER	J55	C405726	11-03-03	100.0	100.1	99.9
KUE	SCHLUMBERGER	J55	C405727	11-03-03	100.0	100.1	100.3
KUE	SCHLUMBERGER	J55	C405728	11-03-03	100.1	100.1	100.6
KUE	SCHLUMBERGER	J55	C405729	11-03-03	99.9	99.9	99.9
KUE	SCHLUMBERGER	J55	C405730	11-03-03	100.1	99.8	100.1
KUE	SCHLUMBERGER	J55	C405731	11-03-03	100.2	100.0	100.2
KUE	SCHLUMBERGER	J55	C405732	11-03-03	100.1	100.0	100.2
KUE	SCHLUMBERGER	J55	C405733	11-03-03	100.0	99.8	100.5
KUE	SCHLUMBERGER	J55	C405734	11-03-03	100.3	99.8	99.6
KUE	SCHLUMBERGER	J55	C405735	11-03-03	100.1	100.2	100.2
KUE	SCHLUMBERGER	J55	C405736	11-03-03	99.8	100.0	100.1
KUE	SCHLUMBERGER	J55	C405737	11-03-03	100.0	100.0	99.8
KUE	SCHLUMBERGER	J55	C405738	11-03-03	99.9	99.9	100.3
KUE	SCHLUMBERGER	J55	C405739	11-03-03	99.9	99.7	100.1
KUE	SCHLUMBERGER	J55	C405740	11-03-03	100.0	100.0	99.5
KUE	SCHLUMBERGER	J55	C405741	11-03-03	100.0	99.7	100.3
KUE	SCHLUMBERGER	J55	C405742	11-03-03	99.9	99.9	99.9
KUE	SCHLUMBERGER	J55	C405743	11-03-03	100.0	99.9	99.5
KUE	SCHLUMBERGER	J55	C405744	11-03-03	99.8	99.8	100.2
KUE	SCHLUMBERGER	J55	C405745	11-03-03	100.3	99.7	99.9
KUE	SCHLUMBERGER	J55	C405746	11-03-03	100.1	100.1	100.1
KUE	SCHLUMBERGER	J55	C405747	11-03-03	100.0	99.9	100.3
KUE	SCHLUMBERGER	J55	C405748	11-03-03	99.8	99.9	100.4
KUE	SCHLUMBERGER	J55	C405749	11-03-03	100.1	100.1	99.8
KUE	SCHLUMBERGER	J55	C405750	11-03-03	99.9	99.7	99.7
KUE	SCHLUMBERGER	J55	C405751	11-03-03	100.0	100.0	99.8
KUE	SCHLUMBERGER	J55	C405752	11-03-03	100.2	100.1	100.0
KUE	SCHLUMBERGER	J55	C405753	11-03-03	99.9	99.9	100.1
KUE	SCHLUMBERGER	J55	C405754	11-03-03	100.1	100.1	99.7
KUE	SCHLUMBERGER	J55	C405755	11-03-03	100.1	100.2	100.2
KUE	SCHLUMBERGER	J55	C405756	11-03-03	99.8	99.9	100.4
KUE	SCHLUMBERGER	J55	C405757	11-03-03	100.0	99.9	99.9
KUE	SCHLUMBERGER	J55	C405758	11-03-03	99.9	100.1	100.2
KUE	SCHLUMBERGER	J55	C405759	11-03-03	100.1	99.9	99.8
KUE	SCHLUMBERGER	J55	C405760	11-03-03	100.1	100.0	100.1
KUE	SCHLUMBERGER	J55	C405761	11-03-03	100.1	100.0	100.0
KUE	SCHLUMBERGER	J55	C405762	11-03-03	100.0	100.1	100.3
KUE	SCHLUMBERGER	J55	C405763	11-03-03	100.2	100.2	99.9
KUE	SCHLUMBERGER	J55	C405764	11-03-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	J55	C405765	11-03-03	100.0	100.1	99.9
KUE	SCHLUMBERGER	J55	C405766	11-03-03	99.9	99.7	100.5
KUE	SCHLUMBERGER	J55	C405767	11-03-03	100.1	99.9	100.2
KUE	SCHLUMBERGER	J55	C405768	11-03-03	100.0	99.6	100.1
KUE	SCHLUMBERGER	J55	C405769	11-03-03	99.9	99.8	99.8

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KUE	SCHLUMBERGER	J55	C405770	11-03-03	100.1	99.7	100.3
KUE	SCHLUMBERGER	J55	C405771	11-03-03	100.0	99.6	100.1
KUE	SCHLUMBERGER	J55	C405772	11-03-03	100.1	100.3	100.2
KUE	SCHLUMBERGER	J55	C405773	11-03-03	100.2	99.9	100.0
KUE	SCHLUMBERGER	J55	C405774	11-03-03	100.0	100.0	100.5
KUE	SCHLUMBERGER	J55	C405775	11-03-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	J55	C405776	11-03-03	99.9	100.0	100.3
KUE	SCHLUMBERGER	J55	C405777	11-03-03	100.0	99.7	100.3
KUE	SCHLUMBERGER	J55	C405778	11-03-03	100.0	99.8	100.1
KUE	SCHLUMBERGER	J55	C405779	11-03-03	99.8	99.7	99.9
KUE	SCHLUMBERGER	J55	C405780	11-03-03	99.9	100.0	100.3
KUE	SCHLUMBERGER	J55	C405781	11-03-03	100.2	100.0	100.0
KUE	SCHLUMBERGER	J55	C405782	11-03-03	99.9	99.8	99.9
KUE	SCHLUMBERGER	J55	C405783	11-03-03	100.3	99.9	100.1
KUE	SCHLUMBERGER	J55	C405784	11-03-03	100.1	99.7	100.1
KUE	SCHLUMBERGER	J55	C405785	11-03-03	99.9	99.8	100.1
KUE	SCHLUMBERGER	J55	C405786	11-03-03	99.9	100.1	100.2
KUE	SCHLUMBERGER	J55	C405787	11-03-03	100.0	100.2	100.2
KUE	SCHLUMBERGER	J55	C405788	11-03-03	99.9	100.2	99.8
KUE	SCHLUMBERGER	J55	C405789	11-03-03	100.1	99.9	100.0
KUE	SCHLUMBERGER	J55	C405790	11-03-03	100.1	100.4	100.0
KUE	SCHLUMBERGER	J55	C405791	11-03-03	99.8	100.0	100.6
KUE	SCHLUMBERGER	J55	C405792	11-03-03	99.9	99.9	100.1
KUE	SCHLUMBERGER	J55	C405793	11-03-03	99.9	99.9	100.2
KUE	SCHLUMBERGER	J55	C405794	11-03-03	100.2	99.9	99.7
KUE	SCHLUMBERGER	J55	C405795	11-03-03	100.0	99.9	99.9
KUE	SCHLUMBERGER	J55	C405796	11-03-03	100.3	100.1	100.1
KUE	SCHLUMBERGER	J55	C405797	11-03-03	100.0	99.6	100.6
KUE	SCHLUMBERGER	J55	C405798	11-03-03	100.2	99.8	100.4
KUE	SCHLUMBERGER	J55	C405799	11-03-03	99.9	100.0	100.5
KUE	SCHLUMBERGER	J55	C405800	11-03-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	J55	C405801	11-03-03	100.1	99.9	100.0
KUE	SCHLUMBERGER	J55	C405802	11-03-03	100.1	99.9	100.3
KUE	SCHLUMBERGER	J55	C405803	11-03-03	99.8	99.7	99.6
KUE	SCHLUMBERGER	J55	C405804	11-03-03	100.1	100.3	100.3
KUE	SCHLUMBERGER	J55	C405805	11-03-03	99.8	100.1	99.6
KUE	SCHLUMBERGER	J55	C405806	11-03-03	100.0	100.2	100.0
KUE	SCHLUMBERGER	J55	C405807	11-03-03	100.2	100.3	100.1
KUE	SCHLUMBERGER	J55	C405808	11-03-03	99.9	99.9	99.9
KUE	SCHLUMBERGER	J55	C405809	11-03-03	100.0	99.8	100.3
KUE	SCHLUMBERGER	J55	C405810	11-03-03	100.0	99.9	99.8
KUE	SCHLUMBERGER	J55	C405811	11-03-03	100.3	99.9	100.4
KUE	SCHLUMBERGER	J55	C405812	11-03-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	J55	C405813	11-03-03	100.2	99.9	100.4
KUE	SCHLUMBERGER	J55	C405814	11-03-03	99.8	100.0	100.1
KUE	SCHLUMBERGER	J55	C405815	11-03-03	100.2	99.9	100.4
KUE	SCHLUMBERGER	J55	C405816	11-03-03	99.8	99.8	100.0
KUE	SCHLUMBERGER	J55	C405817	11-03-03	100.2	100.4	100.4
KUE	SCHLUMBERGER	J55	C405818	11-03-03	100.1	100.0	99.6
KUE	SCHLUMBERGER	J55	C405819	11-03-03	99.8	100.0	100.0
KUE	SCHLUMBERGER	J55	C405820	11-03-03	100.0	99.8	99.9

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KUE	SCHLUMBERGER	J5S	C405821	11-03-03	99.8	99.9	99.5
KUE	SCHLUMBERGER	J5S	C405822	11-03-03	100.0	100.0	100.2
KUE	SCHLUMBERGER	J5S	C405823	11-03-03	100.0	99.6	100.1
KUE	SCHLUMBERGER	J5S	C405824	11-03-03	100.1	100.3	100.5
KUE	SCHLUMBERGER	J5S	C405825	11-03-03	100.1	100.2	99.8
KUE	SCHLUMBERGER	J5S	C405826	11-03-03	100.1	100.4	100.3
KUE	SCHLUMBERGER	J5S	C405827	11-03-03	100.1	100.2	100.6
KUE	SCHLUMBERGER	J5S	C405828	11-03-03	100.2	100.1	100.1
KUE	SCHLUMBERGER	J5S	C405829	11-03-03	100.2	99.6	100.1
KUE	SCHLUMBERGER	J5S	C405830	11-03-03	100.0	100.1	100.5
KUE	SCHLUMBERGER	J5S	C405831	11-03-03	100.1	99.8	100.2
KUE	SCHLUMBERGER	J5S	C405832	11-03-03	100.0	100.1	99.6
KUE	SCHLUMBERGER	J5S	C405833	11-03-03	100.0	100.0	99.7
KUE	SCHLUMBERGER	J5S	C405834	11-03-03	100.0	99.9	100.4
KUE	SCHLUMBERGER	J5S	C405835	11-03-03	100.0	99.9	99.9
KUE	SCHLUMBERGER	J5S	C405836	11-03-03	100.2	99.9	100.1
KUE	SCHLUMBERGER	J5S	C405837	11-03-03	100.3	100.2	99.8
KUE	SCHLUMBERGER	J5S	C405838	11-03-03	100.2	100.0	100.1
KUE	SCHLUMBERGER	J5S	C405839	11-03-03	99.9	100.1	100.0
KUE	SCHLUMBERGER	J5S	C405840	11-03-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	J5S	C405841	11-03-03	100.0	99.8	99.5
KUE	SCHLUMBERGER	J5S	C405842	11-03-03	100.1	99.9	100.2
KUE	SCHLUMBERGER	J5S	C405843	11-03-03	100.2	100.1	100.4
KUE	SCHLUMBERGER	J5S	C405844	11-03-03	99.8	100.0	99.6
KUE	SCHLUMBERGER	J5S	C405845	11-03-03	99.9	99.9	99.6
KUE	SCHLUMBERGER	J5S	C405846	11-03-03	100.1	99.9	100.0
KUE	SCHLUMBERGER	J5S	C405847	11-03-03	100.0	99.7	99.8
KUE	SCHLUMBERGER	J5S	C405848	11-03-03	100.0	99.6	100.2
KUE	SCHLUMBERGER	J5S	C405849	11-03-03	100.0	99.7	100.1
KUE	SCHLUMBERGER	J5S	C405850	11-03-03	100.1	99.7	100.1
KUE	SCHLUMBERGER	J5S	C405851	11-03-03	100.1	100.2	100.3
KUE	SCHLUMBERGER	J5S	C405852	11-03-03	99.9	99.7	99.9
KUE	SCHLUMBERGER	J5S	C405853	11-03-03	100.1	100.3	99.9
KUE	SCHLUMBERGER	J5S	C405854	11-03-03	100.1	99.8	100.1
KUE	SCHLUMBERGER	J5S	C405855	11-03-03	100.2	99.9	100.2
KUE	SCHLUMBERGER	J5S	C405856	11-03-03	100.0	99.9	99.7
KUE	SCHLUMBERGER	J5S	C405857	11-03-03	100.0	99.7	99.7
KUE	SCHLUMBERGER	J5S	C405858	11-03-03	100.1	99.9	99.8
KUE	SCHLUMBERGER	J5S	C405859	11-03-03	99.9	100.3	100.1
KUE	SCHLUMBERGER	J5S	C405860	11-03-03	100.0	99.9	99.7
KUE	SCHLUMBERGER	J5S	C405861	11-03-03	100.3	100.0	100.3
KUE	SCHLUMBERGER	J5S	C405862	11-03-03	100.2	99.9	100.2
KUE	SCHLUMBERGER	J5S	C405863	11-03-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	J5S	C405864	11-03-03	99.8	100.0	99.8
KUE	SCHLUMBERGER	J5S	C405865	11-03-03	99.9	99.8	100.2
KUE	SCHLUMBERGER	J5S	C405866	11-03-03	99.9	99.7	100.0
KUE	SCHLUMBERGER	J5S	C405867	11-03-03	100.2	100.3	100.6
KUE	SCHLUMBERGER	J5S	C405868	11-03-03	100.1	99.9	100.2
KUE	SCHLUMBERGER	J5S	C405869	11-03-03	99.9	100.0	100.2
KUE	SCHLUMBERGER	J5S	C405870	11-03-03	100.1	100.1	100.8
KUE	SCHLUMBERGER	J5S	C405871	11-03-03	100.2	100.2	100.1



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KUE	SCHLUMBERGER	J55	C405872	11-03-03	99.9	99.8	100.2
KUE	SCHLUMBERGER	J55	C405873	11-03-03	99.9	99.8	99.7
KUE	SCHLUMBERGER	J55	C405874	11-03-03	99.9	100.1	100.3
KUE	SCHLUMBERGER	J55	C405875	11-03-03	100.1	99.7	100.0
KUE	SCHLUMBERGER	J55	C405876	11-03-03	99.9	99.7	99.9
KUE	SCHLUMBERGER	J55	C405877	11-03-03	100.1	100.2	100.4
KUE	SCHLUMBERGER	J55	C405878	11-03-03	100.1	100.1	99.9
KUE	SCHLUMBERGER	J55	C405879	11-03-03	100.1	99.8	100.1
KUE	SCHLUMBERGER	J55	C405880	11-03-03	99.9	100.1	99.8
KUE	SCHLUMBERGER	J55	C405881	11-03-03	100.1	99.7	100.2
KUE	SCHLUMBERGER	J55	C405882	11-03-03	100.1	99.8	100.7
KUE	SCHLUMBERGER	J55	C405883	11-03-03	100.2	99.8	100.7
KUE	SCHLUMBERGER	J55	C405884	11-03-03	100.1	100.2	100.2
KUE	SCHLUMBERGER	J55	C405885	11-03-03	100.1	100.0	100.0
KUE	SCHLUMBERGER	J55	C405886	11-03-03	100.1	100.2	100.2
KUE	SCHLUMBERGER	J55	C405887	11-03-03	100.1	100.1	100.5
KUE	SCHLUMBERGER	J55	C405888	11-03-03	99.8	99.7	100.1
KUE	SCHLUMBERGER	J55	C405889	11-03-03	99.9	99.7	99.9
KUE	SCHLUMBERGER	J55	C405890	11-03-03	99.9	99.8	99.8
KUE	SCHLUMBERGER	J55	C405891	11-03-03	100.0	99.6	100.0
KUE	SCHLUMBERGER	J55	C405892	11-03-03	100.1	99.6	100.2
KUE	SCHLUMBERGER	J55	C405893	11-03-03	100.2	100.0	100.0
KUE	SCHLUMBERGER	J55	C405894	11-03-03	100.0	99.8	100.3
KUE	SCHLUMBERGER	J55	C405895	11-03-03	100.0	99.7	99.8
KUE	SCHLUMBERGER	J55	C405896	11-03-03	100.1	99.9	100.4
KUE	SCHLUMBERGER	J55	C405897	11-03-03	100.0	99.9	100.2
KUE	SCHLUMBERGER	J55	C405898	11-03-03	100.1	99.9	99.9
KUE	SCHLUMBERGER	J55	C405899	11-03-03	99.8	99.9	100.0
KUE	SCHLUMBERGER	J55	C405900	11-03-03	100.1	99.9	100.2
KUE	SCHLUMBERGER	J55	C405901	11-03-03	100.2	100.1	99.9
KUE	SCHLUMBERGER	J55	C405902	11-03-03	99.9	100.1	100.0
KUE	SCHLUMBERGER	J55	C405903	11-03-03	100.0	99.7	100.0
KUE	SCHLUMBERGER	J55	C405904	11-03-03	100.1	99.7	100.3
KUE	SCHLUMBERGER	J55	C405905	11-03-03	99.8	100.3	99.9
KUE	SCHLUMBERGER	J55	C405906	11-03-03	99.9	99.8	99.9
KUE	SCHLUMBERGER	J55	C405907	11-03-03	100.0	99.8	99.8
KUE	SCHLUMBERGER	J55	C405908	11-03-03	99.8	100.2	99.8
KUE	SCHLUMBERGER	J55	C405909	11-03-03	100.1	99.9	99.9
KUE	SCHLUMBERGER	J55	C405910	11-03-03	100.1	99.7	100.2
KUE	SCHLUMBERGER	J55	C405911	11-03-03	100.1	100.0	100.5
KUE	SCHLUMBERGER	J55	C405912	11-03-03	99.9	99.8	99.5
KUE	SCHLUMBERGER	J55	C405913	11-03-03	100.1	99.9	100.7
KUE	SCHLUMBERGER	J55	C405914	11-03-03	99.9	99.8	99.5
KUE	SCHLUMBERGER	J55	C405915	11-03-03	100.0	99.8	100.0
KUE	SCHLUMBERGER	J55	C405916	11-03-03	99.8	99.8	100.0
KUE	SCHLUMBERGER	J55	C405917	11-03-03	100.1	99.9	100.1
KUE	SCHLUMBERGER	J55	C405918	11-03-03	99.8	99.6	99.8
KUE	SCHLUMBERGER	J55	C405919	11-03-03	99.8	99.9	99.7
KUE	SCHLUMBERGER	J55	C405920	11-03-03	100.2	100.3	100.5
KUE	SCHLUMBERGER	J55	C405921	11-03-03	100.1	100.2	100.2
KUE	SCHLUMBERGER	J55	C405922	11-03-03	100.1	99.9	100.0
KUE	SCHLUMBERGER	J55	C405923	11-03-03	100.1	100.1	100.0

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KUE	SCHLUMBERGER	J55	C405923	11-03-03	100.1	99.9	100.2
KUE	SCHLUMBERGER	J55	C405924	11-03-03	100.0	99.7	100.1
KUE	SCHLUMBERGER	J55	C405925	11-03-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	J55	C405926	11-03-03	100.1	99.9	99.9
KUE	SCHLUMBERGER	J55	C405927	11-03-03	100.2	100.2	100.2
KUE	SCHLUMBERGER	J55	C405928	11-03-03	100.1	100.2	100.1
KUE	SCHLUMBERGER	J55	C405929	11-03-03	99.8	99.8	100.1
KUE	SCHLUMBERGER	J55	C405930	11-03-03	99.8	99.7	99.8
KUE	SCHLUMBERGER	J55	C405931	11-03-03	100.0	99.9	99.9
KUE	SCHLUMBERGER	J55	C405932	11-03-03	100.0	99.9	100.2
KUE	SCHLUMBERGER	J55	C405933	11-03-03	100.0	99.6	100.0
KUE	SCHLUMBERGER	J55	C405934	11-03-03	99.8	99.9	99.8
KUE	SCHLUMBERGER	J55	C405935	11-03-03	100.1	99.9	100.4
KUE	SCHLUMBERGER	J55	C405936	11-03-03	100.2	100.2	100.3
KUE	SCHLUMBERGER	J55	C405937	11-03-03	100.0	100.1	100.0
KUE	SCHLUMBERGER	J55	C405938	11-03-03	100.2	99.9	100.3
KUE	SCHLUMBERGER	J55	C405939	11-03-03	99.9	99.7	99.6
KUE	SCHLUMBERGER	J55	C405940	11-03-03	99.8	100.0	99.9
KUE	SCHLUMBERGER	J55	C405941	11-03-03	100.1	100.0	100.1
KUE	SCHLUMBERGER	J55	C405942	11-03-03	100.1	99.8	100.5
KUE	SCHLUMBERGER	J55	C405943	11-03-03	100.1	99.7	100.5
KUE	SCHLUMBERGER	J55	C405944	11-03-03	99.9	100.0	99.8
KUE	SCHLUMBERGER	J55	C405945	11-03-03	100.1	100.1	100.0
KUE	SCHLUMBERGER	J55	C405946	11-03-03	99.9	99.8	100.0
KUE	SCHLUMBERGER	J55	C405947	11-03-03	99.9	99.7	99.8
KUE	SCHLUMBERGER	J55	C405948	11-03-03	99.8	99.9	99.9
KUE	SCHLUMBERGER	J55	C405949	11-03-03	100.1	100.1	100.3
KUE	SCHLUMBERGER	J55	C405950	11-03-03	99.8	100.1	100.0
KUE	SCHLUMBERGER	J55	C405951	11-03-03	100.2	99.9	100.1
KUE	SCHLUMBERGER	J55	C405952	11-03-03	100.2	100.1	100.2
KUE	SCHLUMBERGER	J55	C405953	11-03-03	99.9	99.9	99.9
KUE	SCHLUMBERGER	J55	C405954	11-03-03	99.9	99.7	99.9
KUE	SCHLUMBERGER	J55	C405955	11-03-03	100.0	100.0	99.8
KUE	SCHLUMBERGER	J55	C405956	11-03-03	100.2	100.2	100.3
KUE	SCHLUMBERGER	J55	C405957	11-03-03	100.1	99.9	100.0
KUE	SCHLUMBERGER	J55	C405958	11-03-03	100.0	99.8	100.1
KUE	SCHLUMBERGER	J55	C405959	11-03-03	99.9	100.0	99.8
KUE	SCHLUMBERGER	J55	C405960	11-03-03	100.1	99.9	100.3
KUE	SCHLUMBERGER	J55	C405961	11-03-03	99.9	100.0	100.3
KUE	SCHLUMBERGER	J55	C405962	11-03-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	J55	C405963	11-03-03	100.1	100.0	100.2
KUE	SCHLUMBERGER	J55	C405964	11-03-03	100.1	100.2	100.2
KUE	SCHLUMBERGER	J55	C405965	11-03-03	100.2	99.8	99.9
KUE	SCHLUMBERGER	J55	C405966	11-03-03	99.8	99.6	100.2
KUE	SCHLUMBERGER	J55	C405967	11-03-03	100.0	99.6	100.2
KUE	SCHLUMBERGER	J55	C405968	11-03-03	99.9	100.0	99.9
KUE	SCHLUMBERGER	J55	C405969	11-03-03	100.0	100.0	99.9
KUE	SCHLUMBERGER	J55	C405970	11-03-03	100.2	99.9	99.9
KUE	SCHLUMBERGER	J55	C405971	11-03-03	100.0	100.1	100.2
KUE	SCHLUMBERGER	J55	C405972	11-03-03	100.0	100.0	100.2
KUE	SCHLUMBERGER	J55	C405973	11-03-03	100.0	99.9	100.4

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KUE	SCHLUMBERGER	J55	C405974	11-03-03	100.0	99.7	99.8
KUE	SCHLUMBERGER	J55	C405975	11-03-03	100.0	100.1	99.8
KUE	SCHLUMBERGER	J55	C405976	11-03-03	99.9	99.9	99.6
KUE	SCHLUMBERGER	J55	C405977	11-03-03	100.1	99.9	100.2
KUE	SCHLUMBERGER	J55	C405978	11-03-03	100.0	100.0	99.9
KUE	SCHLUMBERGER	J55	C405979	11-03-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	J55	C405980	11-03-03	100.1	99.9	100.5
KUE	SCHLUMBERGER	J55	C405981	11-03-03	100.0	99.7	100.0
KUE	SCHLUMBERGER	J55	C405982	11-03-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	J55	C405983	11-03-03	100.1	99.9	100.0
KUE	SCHLUMBERGER	J55	C405984	11-03-03	99.9	99.7	99.8
KUE	SCHLUMBERGER	J55	C405985	11-03-03	99.9	99.8	100.0
KUE	SCHLUMBERGER	J55	C405986	11-03-03	100.2	100.1	100.3
KUE	SCHLUMBERGER	J55	C405987	11-03-03	100.3	100.2	100.1
KUE	SCHLUMBERGER	J55	C405988	11-03-03	100.1	100.0	100.5
KUE	SCHLUMBERGER	J55	C405989	11-03-03	99.9	99.8	99.7
KUE	SCHLUMBERGER	J55	C405990	11-03-03	100.1	100.1	100.0
KUE	SCHLUMBERGER	J55	C405991	11-03-03	100.2	99.8	100.3
KUE	SCHLUMBERGER	J55	C405992	11-03-03	100.0	99.7	100.3
KUE	SCHLUMBERGER	J55	C405993	11-03-03	99.8	99.7	100.1
KUE	SCHLUMBERGER	J55	C405994	11-03-03	99.9	99.7	99.9
KUE	SCHLUMBERGER	J55	C405995	11-03-03	100.3	100.0	100.2
KUE	SCHLUMBERGER	J55	C405996	11-03-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	J55	C405997	11-03-03	99.8	99.9	99.7
KUE	SCHLUMBERGER	J55	C405998	11-03-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	J55	C405999	11-03-03	100.0	99.9	100.3
KUE	SCHLUMBERGER	J55	C406000	11-03-03	99.9	99.7	99.9
KUE	SCHLUMBERGER	J55	C406001	11-03-03	100.0	100.2	99.7
KUE	SCHLUMBERGER	J55	C406002	11-03-03	100.3	99.9	100.2
KUE	SCHLUMBERGER	J55	C406003	11-03-03	100.0	99.9	99.9
KUE	SCHLUMBERGER	J55	C406004	11-03-03	100.0	100.3	100.3
KUE	SCHLUMBERGER	J55	C406005	11-03-03	100.0	100.2	100.3
KUE	SCHLUMBERGER	J55	C406006	11-03-03	99.8	99.8	100.1
KUE	SCHLUMBERGER	J55	C406007	11-03-03	99.9	99.8	100.1
KUE	SCHLUMBERGER	J55	C406008	11-03-03	100.0	99.9	100.6
KUE	SCHLUMBERGER	J55	C406009	11-03-03	99.8	99.8	100.0
KUE	SCHLUMBERGER	J55	C406010	11-03-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	J55	C406011	11-03-03	99.9	100.0	99.9
KUE	SCHLUMBERGER	J55	C406012	11-03-03	100.1	99.6	100.2
KUE	SCHLUMBERGER	J55	C406013	11-03-03	100.0	100.1	100.2
KUE	SCHLUMBERGER	J55	C406014	11-03-03	100.1	100.1	100.3
KUE	SCHLUMBERGER	J55	C406015	11-03-03	100.0	99.8	99.8
KUE	SCHLUMBERGER	J55	C406016	11-03-03	100.0	99.7	100.3
KUE	SCHLUMBERGER	J55	C406017	11-03-03	100.0	99.9	100.4
KUE	SCHLUMBERGER	J55	C406018	11-03-03	100.1	99.7	100.2
KUE	SCHLUMBERGER	J55	C406019	11-03-03	100.1	100.0	100.0
KUE	SCHLUMBERGER	J55	C406020	11-03-03	100.2	100.2	100.2
KUE	SCHLUMBERGER	J55	C406021	11-03-03	100.1	100.0	100.4
KUE	SCHLUMBERGER	J55	C406022	11-03-03	100.1	99.8	100.1
KUE	SCHLUMBERGER	J55	C406023	11-03-03	99.8	99.9	100.0
KUE	SCHLUMBERGER	J55	C406024	11-03-03	100.3	100.4	100.4

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KUE	SCHLUMBERGER	J55	C406025	11-03-03	99.9	100.0	99.7
KUE	SCHLUMBERGER	J55	C406026	11-03-03	99.8	99.6	100.1
KUE	SCHLUMBERGER	J55	C406027	11-03-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	J55	C406028	11-03-03	99.9	99.7	100.2
KUE	SCHLUMBERGER	J55	C406029	11-03-03	99.8	100.0	99.8
KUE	SCHLUMBERGER	J55	C406030	11-03-03	100.1	100.0	100.5
KUE	SCHLUMBERGER	J55	C406031	11-03-03	99.9	99.9	100.1
KUE	SCHLUMBERGER	J55	C406032	11-03-03	100.2	100.0	100.2
KUE	SCHLUMBERGER	J55	C406033	11-03-03	100.0	99.7	100.1
KUE	SCHLUMBERGER	J55	C406034	11-03-03	99.9	99.7	100.1
KUE	SCHLUMBERGER	J55	C406035	11-03-03	99.9	100.4	99.8
KUE	SCHLUMBERGER	J55	C406036	11-03-03	100.1	100.0	100.3
KUE	SCHLUMBERGER	J55	C406037	11-03-03	100.1	99.9	100.1
KUE	SCHLUMBERGER	J55	C406038	11-03-03	100.0	100.0	99.5
KUE	SCHLUMBERGER	J55	C406039	11-03-03	100.1	99.7	100.1
KUE	SCHLUMBERGER	J55	C406040	11-03-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	J55	C406041	11-03-03	100.1	99.7	100.0
KUE	SCHLUMBERGER	J55	C406042	11-03-03	99.9	99.9	100.1
KUE	SCHLUMBERGER	J55	C406043	11-03-03	99.9	99.9	100.1
KUE	SCHLUMBERGER	J55	C406044	11-03-03	100.1	100.2	100.3
KUE	SCHLUMBERGER	J55	C406045	11-03-03	100.3	99.9	99.9
KUE	SCHLUMBERGER	J55	C406046	11-03-03	99.9	99.8	99.8
KUE	SCHLUMBERGER	J55	C406047	11-03-03	100.0	100.0	100.3
KUE	SCHLUMBERGER	J55	C406048	11-03-03	100.2	100.1	100.1
KUE	SCHLUMBERGER	J55	C406049	11-03-03	100.2	100.3	100.1
KUE	SCHLUMBERGER	J55	C406050	11-03-03	100.0	100.1	100.5
KUE	SCHLUMBERGER	J55	C406051	11-03-03	99.8	100.2	100.0
KUE	SCHLUMBERGER	J55	C406052	11-03-03	100.1	100.0	100.1
KUE	SCHLUMBERGER	J55	C406053	11-03-03	100.0	100.3	100.3
KUE	SCHLUMBERGER	J55	C406054	11-03-03	100.0	99.6	100.0
KUE	SCHLUMBERGER	J55	C406055	11-03-03	100.0	99.7	99.9
KUE	SCHLUMBERGER	J55	C406056	11-03-03	99.8	99.7	99.9
KUE	SCHLUMBERGER	J55	C406057	11-03-03	100.0	99.8	99.9
KUE	SCHLUMBERGER	J55	C406058	11-03-03	99.8	100.3	100.0
KUE	SCHLUMBERGER	J55	C406059	11-03-03	99.9	99.8	100.0
KUE	SCHLUMBERGER	J55	C406060	11-03-03	100.0	99.9	100.4
KUE	SCHLUMBERGER	J55	C406061	11-03-03	100.1	100.5	100.3
KUE	SCHLUMBERGER	J55	C406062	11-03-03	99.8	100.5	100.1
KUE	SCHLUMBERGER	J55	C406063	11-03-03	100.0	99.6	99.8
KUE	SCHLUMBERGER	J55	C406064	11-03-03	100.0	100.0	99.9
KUE	SCHLUMBERGER	J55	C406065	11-03-03	99.8	99.8	99.5
KUE	SCHLUMBERGER	J55	C406066	11-03-03	99.9	100.0	99.8
KUE	SCHLUMBERGER	J55	C406067	11-03-03	100.0	100.0	100.3
KUE	SCHLUMBERGER	J55	C406068	11-03-03	99.8	100.0	100.0
KUE	SCHLUMBERGER	J55	C406069	11-03-03	99.8	99.9	100.1
KUE	SCHLUMBERGER	J55	C406070	11-03-03	100.1	99.6	100.1
KUE	SCHLUMBERGER	J55	C406071	11-03-03	99.8	99.9	100.1
KUE	SCHLUMBERGER	J55	C406072	11-03-03	99.8	100.0	99.8
KUE	SCHLUMBERGER	J55	C406073	11-03-03	99.9	100.0	99.8
KUE	SCHLUMBERGER	J55	C406074	11-03-03	100.1	100.0	100.2
KUE	SCHLUMBERGER	J55	C406075	11-03-03	100.3	99.6	99.9

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KUE	SCHLUMBERGER	J5S	C406076	11-03-03	99.9	99.8	100.2
KUE	SCHLUMBERGER	J5S	C406077	11-03-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	J5S	C406078	11-03-03	100.1	99.7	100.2
KUE	SCHLUMBERGER	J5S	C406079	11-03-03	100.1	99.8	100.1
KUE	SCHLUMBERGER	J5S	C406080	11-03-03	99.8	99.9	99.9
KUE	SCHLUMBERGER	J5S	C406081	11-03-03	99.8	99.8	99.9
KUE	SCHLUMBERGER	J5S	C406082	11-03-03	100.0	99.7	99.9
KUE	SCHLUMBERGER	J5S	C406083	11-03-03	100.0	100.1	99.6
KUE	SCHLUMBERGER	J5S	C406084	11-03-03	99.7	100.0	99.8
KUE	SCHLUMBERGER	J5S	C406085	11-03-03	99.9	99.7	99.8
KUE	SCHLUMBERGER	J5S	C406086	11-03-03	99.9	99.7	99.9
KUE	SCHLUMBERGER	J5S	C406087	11-03-03	99.9	100.0	100.0
KUE	SCHLUMBERGER	J5S	C406088	11-03-03	100.3	99.8	100.0
KUE	SCHLUMBERGER	J5S	C406089	11-03-03	100.1	99.9	100.1
KUE	SCHLUMBERGER	J5S	C406090	11-03-03	100.2	99.7	100.1
KUE	SCHLUMBERGER	J5S	C406091	11-03-03	100.1	99.7	100.3
KUE	SCHLUMBERGER	J5S	C406092	11-03-03	100.0	100.3	100.3
KUE	SCHLUMBERGER	J5S	C406093	11-03-03	99.8	99.6	99.8
KUE	SCHLUMBERGER	J5S	C406094	11-03-03	100.0	100.0	100.4
KUE	SCHLUMBERGER	J5S	C406095	11-03-03	99.9	99.8	99.9
KUE	SCHLUMBERGER	J5S	C406096	11-03-03	99.9	99.8	100.2
KUE	SCHLUMBERGER	J5S	C406097	11-03-03	100.2	99.8	100.2
KUE	SCHLUMBERGER	J5S	C406098	11-03-03	99.9	99.7	100.1
KUE	SCHLUMBERGER	J5S	C406099	11-03-03	99.9	100.1	100.0
KUE	SCHLUMBERGER	J5S	C406100	11-03-03	99.9	100.1	99.6
KUE	SCHLUMBERGER	J5S	C406101	11-03-03	99.8	99.8	100.1
KUE	SCHLUMBERGER	J5S	C406102	11-03-03	100.0	100.1	100.0
KUE	SCHLUMBERGER	J5S	C406103	11-03-03	100.0	99.9	99.5
KUE	SCHLUMBERGER	J5S	C406104	11-03-03	100.1	99.8	100.3
KUE	SCHLUMBERGER	J5S	C406105	11-03-03	99.9	100.0	100.1
KUE	SCHLUMBERGER	J5S	C406106	11-03-03	100.1	99.7	100.1
KUE	SCHLUMBERGER	J5S	C406107	11-03-03	99.9	100.3	100.1
KUE	SCHLUMBERGER	J5S	C406108	11-03-03	99.9	99.8	100.3
KUE	SCHLUMBERGER	J5S	C406109	11-03-03	99.8	100.1	99.9
KUE	SCHLUMBERGER	J5S	C406110	11-03-03	100.1	100.1	100.4
KUE	SCHLUMBERGER	J5S	C406111	11-03-03	100.1	99.9	100.2
KUE	SCHLUMBERGER	J5S	C406112	11-03-03	99.9	99.9	99.9
KUE	SCHLUMBERGER	J5S	C406113	11-03-03	99.9	99.8	99.7
KUE	SCHLUMBERGER	J5S	C406114	11-03-03	100.1	100.2	100.3
KUE	SCHLUMBERGER	J5S	C406115	11-03-03	100.0	99.7	99.9
KUE	SCHLUMBERGER	J5S	C406116	11-03-03	99.9	99.8	99.7
KUE	SCHLUMBERGER	J5S	C406117	11-03-03	100.1	100.1	100.2
KUE	SCHLUMBERGER	J5S	C406118	11-03-03	100.2	100.0	100.0
KUE	SCHLUMBERGER	J5S	C406119	11-03-03	100.2	99.8	100.3
KUE	SCHLUMBERGER	J5S	C406120	11-03-03	99.8	100.1	99.7
KUE	SCHLUMBERGER	J5S	C406121	11-03-03	100.0	99.9	100.3
KUE	SCHLUMBERGER	J5S	C406122	11-03-03	99.8	99.8	99.6
KUE	SCHLUMBERGER	J5S	C406123	11-03-03	99.9	99.8	99.9
KUE	SCHLUMBERGER	J5S	C406124	11-03-03	99.8	100.4	100.0
KUE	SCHLUMBERGER	J5S	C406125	11-03-03	100.2	99.9	100.1
KUE	SCHLUMBERGER	J5S	C406126	11-03-03	100.1	99.9	99.9

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KUE	SCHLUMBERGER	J55	C406127	11-03-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	J55	C406128	11-03-03	99.8	100.0	100.2
KUE	SCHLUMBERGER	J55	C406129	11-03-03	100.1	100.0	100.2
KUE	SCHLUMBERGER	J55	C406130	11-03-03	100.3	99.8	100.4
KUE	SCHLUMBERGER	J55	C406131	11-03-03	100.0	99.8	99.7
KUE	SCHLUMBERGER	J55	C406132	11-03-03	100.0	99.9	100.2
KUE	SCHLUMBERGER	J55	C406133	11-03-03	100.0	99.8	99.7
KUE	SCHLUMBERGER	J55	C406134	11-03-03	100.0	100.5	100.2
KUE	SCHLUMBERGER	J55	C406135	11-03-03	99.9	99.7	100.0
KUE	SCHLUMBERGER	J55	C406136	11-03-03	99.9	100.3	99.9
KUE	SCHLUMBERGER	J55	C406137	11-03-03	99.8	99.7	99.8
KUE	SCHLUMBERGER	J55	C406138	11-03-03	99.8	99.8	99.8
KUE	SCHLUMBERGER	J55	C406139	11-03-03	99.9	99.7	100.1
KUE	SCHLUMBERGER	J55	C406140	11-03-03	99.8	100.2	100.1
KUE	SCHLUMBERGER	J55	C406141	11-03-03	100.0	100.0	100.1
KUE	SCHLUMBERGER	J55	C406142	11-03-03	99.8	99.9	100.1
KUE	SCHLUMBERGER	J55	C406143	11-03-03	99.8	100.0	99.6
KUE	SCHLUMBERGER	J55	C406144	11-03-03	99.9	99.6	100.0
KUE	SCHLUMBERGER	J55	C406145	11-03-03	100.1	100.1	100.4
KUE	SCHLUMBERGER	J55	C406146	11-03-03	100.0	99.8	100.1
KUE	SCHLUMBERGER	J55	C406147	11-03-03	99.8	100.0	99.7
KUE	SCHLUMBERGER	J55	C406148	11-03-03	100.2	99.9	100.1
KUE	SCHLUMBERGER	J55	C406149	11-03-03	100.0	100.0	100.4
KUE	SCHLUMBERGER	J55	C406150	11-03-03	99.9	99.8	99.9
KUE	SCHLUMBERGER	J55	C406151	11-03-03	99.9	100.1	99.9
KUE	SCHLUMBERGER	J55	C406152	11-03-03	100.2	100.1	100.3
KUE	SCHLUMBERGER	J55	C406153	11-03-03	100.2	100.0	100.3
KUE	SCHLUMBERGER	J55	C406154	11-03-03	99.9	99.8	99.6
KUE	SCHLUMBERGER	J55	C406155	11-03-03	100.1	100.0	100.1
KUE	SCHLUMBERGER	J55	C406156	11-03-03	99.8	99.9	99.7
KUE	SCHLUMBERGER	J55	C406157	11-03-03	99.8	99.9	99.9
KUE	SCHLUMBERGER	J55	C406158	11-03-03	100.2	100.0	100.1
KUE	SCHLUMBERGER	J55	C406159	11-03-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	J55	C406160	11-03-03	100.2	100.2	100.5
KUE	SCHLUMBERGER	J55	C406161	11-03-03	100.1	100.1	100.4
KUE	SCHLUMBERGER	J55	C406162	11-03-03	99.9	99.9	100.4
KUE	SCHLUMBERGER	J55	C406163	11-03-03	100.0	99.7	99.9
KUE	SCHLUMBERGER	J55	C406164	11-03-03	100.0	99.9	100.2
KUE	SCHLUMBERGER	J55	C406165	11-03-03	99.8	100.0	99.7
KUE	SCHLUMBERGER	J55	C406166	11-03-03	100.2	99.8	100.1
KUE	SCHLUMBERGER	J55	C406167	11-03-03	100.0	99.8	100.1
KUE	SCHLUMBERGER	J55	C406168	11-03-03	99.9	99.7	100.3
KUE	SCHLUMBERGER	J55	C406169	11-03-03	100.1	100.1	100.0
KUE	SCHLUMBERGER	J55	C406170	11-03-03	99.8	100.1	99.4
KUE	SCHLUMBERGER	J55	C406171	11-03-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	J55	C406172	11-03-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	J55	C406173	11-03-03	100.2	99.9	100.5
KUE	SCHLUMBERGER	J55	C406174	11-03-03	100.1	99.9	100.0
KUE	SCHLUMBERGER	J55	C406175	11-03-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	J55	C406176	11-03-03	99.9	99.6	99.8
KUE	SCHLUMBERGER	J55	C406177	11-03-03	99.9	100.0	99.7

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KUE	SCHLUMBERGER	J55	C406178	11-03-03	100.2	100.0	100.4
KUE	SCHLUMBERGER	J55	C406179	11-03-03	100.1	100.2	100.3
KUE	SCHLUMBERGER	J55	C406180	11-03-03	100.2	100.0	100.2
KUE	SCHLUMBERGER	J55	C406181	11-03-03	99.9	99.7	99.8
KUE	SCHLUMBERGER	J55	C406182	11-03-03	100.2	99.8	100.1
KUE	SCHLUMBERGER	J55	C406183	11-03-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	J55	C406184	11-03-03	99.9	100.0	99.8
KUE	SCHLUMBERGER	J55	C406185	11-03-03	99.9	99.8	99.9
KUE	SCHLUMBERGER	J55	C406186	11-03-03	99.9	99.8	99.7
KUE	SCHLUMBERGER	J55	C406187	11-03-03	100.1	99.8	100.3
KUE	SCHLUMBERGER	J55	C406188	11-03-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	J55	C406189	11-03-03	99.9	100.0	99.9
KUE	SCHLUMBERGER	J55	C406190	11-03-03	100.2	100.0	100.4
KUE	SCHLUMBERGER	J55	C406191	11-03-03	100.1	99.9	100.6
KUE	SCHLUMBERGER	J55	C406192	11-03-03	100.0	99.9	100.4
KUE	SCHLUMBERGER	J55	C406193	11-03-03	100.1	99.9	100.2
KUE	SCHLUMBERGER	J55	C406194	11-03-03	100.0	100.2	100.4
KUE	SCHLUMBERGER	J55	C406195	11-03-03	99.9	99.9	100.3
KUE	SCHLUMBERGER	J55	C406196	11-03-03	100.1	99.8	100.1
KUE	SCHLUMBERGER	J55	C406197	11-03-03	99.9	99.9	100.0
KUE	SCHLUMBERGER	J55	C406198	11-03-03	100.3	99.8	100.5
KUE	SCHLUMBERGER	J55	C406199	11-03-03	99.8	99.9	100.1
KUE	SCHLUMBERGER	J55	C406200	11-03-03	99.9	99.8	100.2
KUE	SCHLUMBERGER	J55	C406201	11-03-03	99.9	99.9	100.3
KUE	SCHLUMBERGER	J55	C406202	11-03-03	100.1	100.1	100.1
KUE	SCHLUMBERGER	J55	C406203	11-03-03	100.1	99.8	100.2
KUE	SCHLUMBERGER	J55	C406204	11-03-03	99.9	100.4	100.5
KUE	SCHLUMBERGER	J55	C406205	11-03-03	99.9	99.6	100.0
KUE	SCHLUMBERGER	J55	C406206	11-03-03	100.2	100.0	100.3
KUE	SCHLUMBERGER	J55	C406207	11-03-03	99.9	99.8	100.0
KUE	SCHLUMBERGER	J55	C406208	11-03-03	99.8	99.7	100.3
KUE	SCHLUMBERGER	J55	C406209	11-03-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	J55	C406210	11-03-03	100.1	100.1	100.5
KUE	SCHLUMBERGER	J55	C406211	11-03-03	100.1	100.0	100.2
KUE	SCHLUMBERGER	J55	C406212	11-03-03	100.0	100.2	100.5
KUE	SCHLUMBERGER	J55	C406213	11-03-03	99.7	100.1	99.8
KUE	SCHLUMBERGER	J55	C406215	11-03-03	99.8	99.8	100.1
KUE	SCHLUMBERGER	J55	C406216	11-03-03	99.9	99.7	100.3
KUE	SCHLUMBERGER	J55	C406217	11-03-03	100.0	100.0	99.9
KUE	SCHLUMBERGER	J55	C406218	11-03-03	99.7	99.7	99.9
KUE	SCHLUMBERGER	J55	C406219	11-03-03	100.2	100.2	99.9
KUE	SCHLUMBERGER	J55	C406220	11-03-03	100.1	99.8	99.9
KUE	SCHLUMBERGER	J55	C406221	11-03-03	100.2	99.9	100.2
KUE	SCHLUMBERGER	J55	C406222	11-03-03	99.8	99.9	99.8
KUE	SCHLUMBERGER	J55	C406223	11-03-03	100.1	100.2	100.2
KUE	SCHLUMBERGER	J55	C406224	11-03-03	99.9	100.2	99.9
KUE	SCHLUMBERGER	J55	C406225	11-03-03	100.1	100.1	100.1
KUE	SCHLUMBERGER	J55	C406226	11-03-03	99.8	99.9	99.9
KUE	SCHLUMBERGER	J55	C406227	11-03-03	99.9	100.2	100.0
KUE	SCHLUMBERGER	J55	C406228	11-03-03	100.0	100.2	100.0
KUE	SCHLUMBERGER	J55	C406229	11-03-03	100.1	99.7	100.5

KENTUCKY UTILITIES / OLD DOMINION POWER COMPANY  
 MANUFACTURER TESTS ADDED LAST YEAR  
 REPORT NO. MD8880

PAGE 122  
 RUN DATE: 2/24/04  
 RUN TIME: 16.07.13

CO	MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACTOR
KUE	SCHLUMBERGER	J5S	C406230	11-03-03	100.0	100.0	100.2
KUE	SCHLUMBERGER	J5S	C406231	11-03-03	100.1	100.0	100.3
KUE	SCHLUMBERGER	J5S	C406232	11-03-03	99.8	99.8	100.0
KUE	SCHLUMBERGER	J5S	C406233	11-03-03	99.8	99.9	99.8
KUE	SCHLUMBERGER	J5S	C406234	11-03-03	99.9	100.2	100.1
KUE	SCHLUMBERGER	J5S	C406235	11-03-03	100.1	100.3	100.8
KUE	SCHLUMBERGER	J5S	C406236	11-03-03	99.9	99.9	100.1
KUE	SCHLUMBERGER	J5S	C406237	11-03-03	100.1	99.9	100.3
KUE	SCHLUMBERGER	J5S	C406238	11-03-03	99.9	99.9	99.7
KUE	SCHLUMBERGER	J5S	C406239	11-03-03	99.9	100.2	99.3
KUE	SCHLUMBERGER	J5S	C406240	11-03-03	100.2	100.0	100.0
KUE	SCHLUMBERGER	J5S	C406241	11-03-03	100.0	100.0	99.9
KUE	SCHLUMBERGER	J5S	C406242	11-03-03	100.3	99.9	99.7
KUE	SCHLUMBERGER	J5S	C406243	11-03-03	100.0	100.1	100.3
KUE	SCHLUMBERGER	J5S	C406244	11-03-03	100.0	99.7	100.2
KUE	SCHLUMBERGER	J5S	C406245	11-03-03	100.0	99.8	99.8
KUE	SCHLUMBERGER	J5S	C406246	11-03-03	99.8	99.8	99.7
KUE	SCHLUMBERGER	J5S	C406247	11-03-03	99.8	99.7	100.0
KUE	SCHLUMBERGER	J5S	C406248	11-03-03	100.0	99.7	100.0
KUE	SCHLUMBERGER	J5S	C406249	11-03-03	100.1	100.2	99.5
KUE	SCHLUMBERGER	J5S	C406250	11-03-03	99.8	99.8	100.2
KUE	SCHLUMBERGER	J5S	C406251	11-03-03	99.8	99.6	100.1
KUE	SCHLUMBERGER	J5S	C406252	11-03-03	100.1	99.9	100.5
KUE	SCHLUMBERGER	J5S	C406253	11-03-03	99.9	100.0	99.9
KUE	SCHLUMBERGER	J5S	C406254	11-03-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	J5S	C406255	11-03-03	99.9	99.9	99.5
KUE	SCHLUMBERGER	J5S	C406256	11-03-03	99.8	99.7	99.5
KUE	SCHLUMBERGER	J5S	C406257	11-03-03	100.1	99.8	99.9
KUE	SCHLUMBERGER	J5S	C406258	11-03-03	100.1	99.9	100.2
KUE	SCHLUMBERGER	J5S	C406259	11-03-03	100.0	100.1	100.1
KUE	SCHLUMBERGER	J5S	C406260	11-03-03	100.0	99.7	100.1
KUE	SCHLUMBERGER	J5S	C406261	11-03-03	100.1	99.9	100.1
KUE	SCHLUMBERGER	J5S	C406262	11-03-03	100.0	100.0	100.0
KUE	SCHLUMBERGER	J5S	C406263	11-03-03	100.0	99.6	100.2
KUE	SCHLUMBERGER	J5S	C406264	11-03-03	99.8	100.0	99.9
KUE	SCHLUMBERGER	J5S	C406265	11-03-03	99.8	100.1	100.1
KUE	SCHLUMBERGER	J5S	C406266	11-03-03	100.1	100.0	100.2
KUE	SCHLUMBERGER	J5S	C406267	11-03-03	100.1	99.8	99.7
KUE	SCHLUMBERGER	J5S	C406268	11-03-03	100.2	99.8	100.2
KUE	SCHLUMBERGER	J5S	C406269	11-03-03	100.1	100.0	99.6
KUE	SCHLUMBERGER	J5S	C406270	11-03-03	100.1	100.2	100.2
KUE	SCHLUMBERGER	J5S	C406271	11-03-03	99.9	99.9	99.9
KUE	SCHLUMBERGER	J5S	C406272	11-03-03	100.1	99.8	100.0
KUE	SCHLUMBERGER	J5S	C406273	11-03-03	99.9	99.9	100.2
KUE	SCHLUMBERGER	J5S	C406274	11-03-03	100.1	100.3	100.1
KUE	SCHLUMBERGER	J5S	C406275	11-03-03	99.8	99.8	99.6
KUE	SCHLUMBERGER	J5S	C406276	11-03-03	100.1	100.0	100.1
KUE	SCHLUMBERGER	J5S	C406277	11-03-03	100.1	100.1	99.8
KUE	SCHLUMBERGER	J5S	C406278	11-03-03	100.0	100.0	100.4
KUE	SCHLUMBERGER	J5S	C406279	11-03-03	99.8	99.7	99.9
KUE	SCHLUMBERGER	J5S	C406280	11-03-03	100.1	99.7	100.0



KENTUCKY UTILITIES / OLD DOMINION POWER COMPANY  
 MANUFACTURER TESTS ADDED LAST YEAR  
 REPORT NO. MD8880

CO	MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACTOR
KUE	SCHLUMBERGER	J55	C406281	11-03-03	100.0	100.0	100.3
KUE	SCHLUMBERGER	J55	C406282	11-03-03	99.8	99.8	100.2
KUE	SCHLUMBERGER	J55	C406283	11-03-03	100.2	100.1	100.5
KUE	SCHLUMBERGER	J55	C406284	11-03-03	99.9	100.0	99.9
KUE	SCHLUMBERGER	J55	C406285	11-03-03	100.0	99.9	100.3
KUE	SCHLUMBERGER	J55	C406286	11-03-03	99.9	100.0	99.5
KUE	SCHLUMBERGER	J55	C406287	11-03-03	99.9	99.7	100.1
KUE	SCHLUMBERGER	J55	C406288	11-03-03	100.2	100.0	100.6
KUE	SCHLUMBERGER	J55	C406289	11-03-03	100.1	100.1	100.0
KUE	SCHLUMBERGER	J55	C406290	11-03-03	100.1	100.0	100.0
KUE	SCHLUMBERGER	J55	C406291	11-03-03	99.8	99.7	99.9
KUE	SCHLUMBERGER	J55	C406292	11-03-03	100.1	100.1	100.0
KUE	SCHLUMBERGER	J55	C406293	11-03-03	100.2	99.9	99.6
KUE	SCHLUMBERGER	J55	C406294	11-03-03	100.1	99.7	100.3
KUE	SCHLUMBERGER	J55	C406295	11-03-03	100.3	99.8	100.1
KUE	SCHLUMBERGER	J55	C406296	11-03-03	100.0	99.7	100.3
KUE	SCHLUMBERGER	J55	C406297	11-03-03	99.8	99.7	99.7
KUE	SCHLUMBERGER	J55	C406298	11-03-03	99.9	99.8	100.3
KUE	SCHLUMBERGER	J55	C406299	11-03-03	99.9	100.3	100.3
KUE	SCHLUMBERGER	J55	C406300	11-03-03	100.2	100.2	100.2
KUE	SCHLUMBERGER	J55	C406301	11-03-03	100.2	99.7	100.3
KUE	SCHLUMBERGER	J55	C406302	11-03-03	100.1	99.9	99.4
KUE	SCHLUMBERGER	J55	C406303	11-03-03	100.0	99.9	100.2
KUE	SCHLUMBERGER	J55	C406304	11-03-03	100.1	99.9	100.2
KUE	SCHLUMBERGER	J55	C406305	11-03-03	100.3	100.1	100.7
KUE	SCHLUMBERGER	J55	C406306	11-03-03	100.2	100.2	100.5
KUE	SCHLUMBERGER	J55	C406307	11-03-03	99.9	99.9	99.8
KUE	SCHLUMBERGER	J55	C406308	11-03-03	99.9	99.8	99.7
KUE	SCHLUMBERGER	J55	C406309	11-03-03	99.8	99.9	99.9
KUE	SCHLUMBERGER	J55	C406310	11-03-03	100.1	99.7	100.1
KUE	SCHLUMBERGER	J55	C406311	11-03-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	J55	C406312	11-03-03	99.8	99.7	99.7
KUE	SCHLUMBERGER	J55	C406313	11-03-03	100.1	100.0	99.4
KUE	SCHLUMBERGER	J55	C406314	11-03-03	99.8	99.8	99.9
KUE	SCHLUMBERGER	J55	C406315	11-03-03	99.9	99.8	99.5
KUE	SCHLUMBERGER	J55	C406316	11-03-03	99.9	99.8	100.0
KUE	SCHLUMBERGER	J55	C406317	11-03-03	100.0	100.1	100.2
KUE	SCHLUMBERGER	J55	C406318	11-03-03	100.1	99.7	99.9
KUE	SCHLUMBERGER	J55	C406319	11-03-03	100.1	99.8	100.1
KUE	SCHLUMBERGER	J55	C406320	11-03-03	100.1	100.1	99.5
KUE	SCHLUMBERGER	J55	C406321	11-03-03	100.1	100.1	99.9
KUE	SCHLUMBERGER	J55	C406322	11-03-03	99.9	100.2	100.1
KUE	SCHLUMBERGER	J55	C406323	11-03-03	99.9	99.9	99.9
KUE	SCHLUMBERGER	J55	C406324	11-03-03	99.8	99.9	100.1
KUE	SCHLUMBERGER	J55	C406325	11-03-03	100.1	100.0	100.4
KUE	SCHLUMBERGER	J55	C406326	11-03-03	100.1	99.9	99.9
KUE	SCHLUMBERGER	J55	C406327	11-03-03	100.3	100.0	100.1
KUE	SCHLUMBERGER	J55	C406328	11-03-03	99.9	99.7	99.6
KUE	SCHLUMBERGER	J55	C406329	11-03-03	100.2	100.0	99.9
KUE	SCHLUMBERGER	J55	C406330	11-03-03	100.1	99.8	99.8
KUE	SCHLUMBERGER	J55	C406331	11-03-03	100.1	99.8	100.1

KENTUCKY UTILITIES / OLD DOMINION POWER COMPANY  
 MANUFACTURER TESTS ADDED LAST YEAR  
 REPORT NO. MD8880

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 RUN DATE: 2/24/04  
 RUN TIME: 16.07.13

CO	MANUFACTURER	TYPE	METER NUMBER	TEST DATE	FULL LOAD	LIGHT LOAD	PFACTOR
KUE	SCHLUMBERGER	J5S	C406332	11-03-03	99.9	99.7	99.5
KUE	SCHLUMBERGER	J5S	C406333	11-03-03	100.1	99.9	100.0
KUE	SCHLUMBERGER	J5S	C406334	11-03-03	100.2	100.0	100.2
KUE	SCHLUMBERGER	J5S	C406335	11-03-03	100.1	99.6	100.1
KUE	SCHLUMBERGER	J5S	C406336	11-03-03	100.0	99.9	99.9
KUE	SCHLUMBERGER	J5S	C406337	11-03-03	100.0	99.9	100.1
KUE	SCHLUMBERGER	J5S	C406338	11-03-03	99.9	100.1	99.9
KUE	SCHLUMBERGER	J5S	C406339	11-03-03	99.9	100.0	99.7
KUE	SCHLUMBERGER	J5S	C406340	11-03-03	100.0	100.0	100.5

MFG TYPE TOTAL 5,568

COMPANY TOTAL 6,270





MD885A

KENTUCKY UTILITIES COMPANY  
2003 SAMPLE TEST PROGRAM (JANUARY 1, 2003 TO DECEMBER 31, 2003)  
IN-SERVICE SAMPLE METERS PASS/  
GROUP--NAME METER-TYPE POPULATION QUANTITY TESTED FAIL  
AXR 001 SM AXR 23 04 04 PASS

PAGE 3  
RUN DATE 12/31/03  
RUN TIME 23.44.31

TEST RESULTS PER ANSI/ASQC Z1.9-1993  
DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
AQL = 2.5% - INSPECTION LEVEL II "C" - NORMAL INSPECTION

\*\*\*\*\* 99.9 C400550 \*\*\*\*\* DEVICE NUMBER AND FULL LOAD TEST ACCURACY DATA \*\*\*\*\* 100.0 C400571 \*\*\*\*\*  
C400533

INFORMATION NEEDED

- 1 SAMPLE SIZE: N
- 2 SUM OF MEASUREMENTS
- 3 SUM OF SQUARED MEASUREMENTS
- 4 CORRECTION FACTOR (CF): SUM OF X SQUARED / N
- 5 CORRECTED SUM OF SQUARES (SS):
- 6 VARIANCE (V): SS/(N-1)
- 7 ESTIMATE OF LOT STANDARD DEVIATION S: SR OF V
- 8 SAMPLE MEAN X BAR: SUM X/N
- 9 UPPER SPECIFICATION LIMIT: U
- 10 LOWER SPECIFICATION LIMIT: L
- 11 QUALITY INDEX: QU=(U-XBAR)/S
- 12 QUALITY INDEX: QL=(XBAR-L)/S
- 13 ESTIMATE OF LOT PERCENT NCF. ABOVE U:PU
- 14 ESTIMATE OF LOT PERCENT NCF. BELOW L:PL
- 15 TOTAL ESTIMATE PERCENT NCF. IN LOT: P=PU+PL
- 16 MAXIMUM ALLOWABLE PERCENT NCF: M
- 17 ACCEPTABILITY CRITERION: COMPARE P=PU+PL WITH M
- 18 PASS: THE LOT MEETS THE ACCEPTABILITY CRITERION, IF P=PU+PL IS EQUAL TO OR LESS THAN M
- 19 FAIL: THE LOT FAILS THE ACCEPTABILITY CRITERION, IF P=PU+PL IS GREATER THAN M.

VALUE OBTAINED

04  
399.8  
39,960.02  
39,960.01  
00.01  
0.0033  
0.0574  
99.95  
102.00  
98.00  
35.71  
33.97  
0.00  
0.00  
0.00  
10.88  
PASS

2003 SAMPLE TEST PROGRAM (JANUARY 1, 2003 TO DECEMBER 31, 2003)  
KENTUCKY UTILITIES COMPANY  
IN-SERVICE SAMPLE METERS PASS/  
GROUP--NAME METER-TYPE POPULATION QUANTITY TESTED FAIL  
C 001 WE C 42 05 05 PASS

TEST RESULTS PER ANSI/ASQC Z1.9-1993  
DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
AQL = 2.5% - INSPECTION LEVEL II "D" - NORMAL INSPECTION

\*\*\*\*\* 99.7 \*\*\*\*\* 101.2 \*\*\*\*\* 100.5 \*\*\*\*\* 100.0 \*\*\*\*\* 99.6 \*\*\*\*\*  
C177342 C181896 C183260 C183292 C183292 W079956

INFORMATION NEEDED

- 1 SAMPLE SIZE: N
- 2 SUM OF MEASUREMENTS
- 3 SUM OF SQUARED MEASUREMENTS
- 4 CORRECTION FACTOR (CF): SUM OF X SQUARED / N
- 5 CORRECTED SUM OF SQUARES (SS):
- 6 VARIANCE (V): SS/(N-1)
- 7 ESTIMATE OF LOT STANDARD DEVIATION S: SR OF V
- 8 SAMPLE MEAN X BAR: SUM X/N
- 9 UPPER SPECIFICATION LIMIT: U
- 10 LOWER SPECIFICATION LIMIT: L
- 11 QUALITY INDEX: QU=(U-XBAR)/S
- 12 QUALITY INDEX: QL=(XBAR-L)/S
- 13 ESTIMATE OF LOT PERCENT NCF: ABOVE U:PU
- 14 ESTIMATE OF LOT PERCENT NCF: BELOW L:PL
- 15 TOTAL ESTIMATE PERCENT NCF: IN LOT: P=PU+PL
- 16 MAXIMUM ALLOWABLE PERCENT NCF: M
- 17 ACCEPTABILITY CRITERION: COMPARE P=PU+PL WITH M
- 18 PASS: THE LOT MEETS THE ACCEPTABILITY CRITERION, IF P=PU+PL IS EQUAL TO OR LESS THAN M
- 19 FAIL: THE LOT FAILS THE ACCEPTABILITY CRITERION, IF P=PU+PL IS GREATER THAN M.

VALUE OBTAINED

- 05
- 501.0
- 50,201.94
- 50,200.20
- 01.74
- 0.4350
- 0.6595
- 100.20
- 102.00
- 98.00
- 2.73
- 3.34
- 0.00
- 0.00
- 0.00
- 09.80
- PASS







MD885A

2003 SAMPLE TEST PROGRAM (JANUARY 1, 2003 TO DECEMBER 31, 2003)  
KENTUCKY UTILITIES COMPANY  
IN-SERVICE SAMPLE METERS PASS/  
GROUP--NAME METER-TYPE POPULATION QUANTITY TESTED FAIL  
D2 001 WE D2 03 03 PASS

PAGE 7  
RUN DATE 12/31/03  
RUN TIME 23.44.31

TEST RESULTS PER ANSI/ASQC Z1.9-1993  
DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
AQL = 2.5% - INSPECTION LEVEL II "B" - NORMAL INSPECTION

\*\*\*\*\* 100.1 M380860 \*\*\*\*\* DEVICE NUMBER AND FULL LOAD TEST ACCURACY DATA \*\*\*\*\* 100.0 M380924 \*\*\*\*\*

INFORMATION NEEDED

- 1 SAMPLE SIZE: N
- 2 SUM OF MEASUREMENTS
- 3 SUM OF SQUARED MEASUREMENTS
- 4 CORRECTION FACTOR (CF): SUM OF X SQUARED / N
- 5 CORRECTED SUM OF SQUARES (SS):
- 6 VARIANCE (V): SS/(N-1)
- 7 ESTIMATE OF LOT STANDARD DEVIATION S: SR OF V
- 8 SAMPLE MEAN X BAR: SUM X/N
- 9 UPPER SPECIFICATION LIMIT: U
- 10 LOWER SPECIFICATION LIMIT: L
- 11 QUALITY INDEX: QU=(U-XBAR)/S
- 12 QUALITY INDEX: QL=(XBAR-L)/S
- 13 ESTIMATE OF LOT PERCENT NCF. ABOVE U:PU
- 14 TOTAL ESTIMATE PERCENT NCF. BELOW L:PL
- 15 ESTIMATE PERCENT NCF. IN LOT: P=PU+PL
- 16 MAXIMUM ALLOWABLE PERCENT NCF: M
- 17 ACCEPTABILITY CRITERION: COMPARE P=PU+PL WITH M
- 18 PASS: THE LOT MEETS THE ACCEPTABILITY CRITERION, IF P=PU+PL IS EQUAL TO OR LESS THAN M
- 19 FAIL: THE LOT FAILS THE ACCEPTABILITY CRITERION, IF P=PU+PL IS GREATER THAN M.

VALUE OBTAINED

- 03
- 300.2
- 30,040.02
- 30,040.01
- 00.01
- 0.0050
- 0.0707
- 100.07
- 102.00
- 98.00
- 27.30
- 29.28
- 0.00
- 0.00
- 0.00
- 07.59
- PASS







MD885A

2003 SAMPLE TEST PROGRAM (JANUARY 1, 2003 TO DECEMBER 31, 2003)  
KENTUCKY UTILITIES COMPANY  
IN-SERVICE SAMPLE METERS PASS/  
GROUP--NAME METER-TYPE POPULATION QUANTITY TESTED FAIL  
D4 004 WE D4 177 15 15 PASS

PAGE 11  
RUN DATE 12/31/03  
RUN TIME 23.44.31

TEST RESULTS PER ANSI/ASQC Z1.9-1993  
DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
AQL = 2.5% - INSPECTION LEVEL II "G" - NORMAL INSPECTION

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
C221978	100.2	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
C222837	100.0	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
C222946	100.0	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
C222004	100.0	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
C222840	100.2	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
C223903	99.9	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
C222084	100.0	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
C222846	100.2	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
M367349	99.9	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
C222241	100.5	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
C222903	100.1	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
M411553	100.1	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
C222278	100.1	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
C222916	100.4	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
M413731	99.8	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****

INFORMATION NEEDED

- SAMPLE SIZE: N
- SUM OF MEASUREMENTS
- SUM OF SQUARED MEASUREMENTS
- CORRECTION FACTOR (CF): SUM OF X SQUARED / N
- CORRECTED SUM OF SQUARES (SS)
- VARIANCE (V): SS/(N-1)
- ESTIMATE OF LOT STANDARD DEVIATION S: SR OF V
- SAMPLE MEAN X BAR: SUM X/N
- UPPER SPECIFICATION LIMIT: U
- LOWER SPECIFICATION LIMIT: L
- QUALITY INDEX: QU=(U-XBAR)/S
- ESTIMATE OF LOT PERCENT NCF: ABOVE U:PU
- ESTIMATE OF LOT PERCENT NCF: BELOW L:PL
- TOTAL ESTIMATE PERCENT NCF: IN LOT: P=PU+PL
- MAXIMUM ALLOWABLE PERCENT NCF: M
- ACCEPTABILITY CRITERION: COMPARE P=PU+PL WITH M
- PASS: THE LOT MEETS THE ACCEPTABILITY CRITERION, IF P=PU+PL IS EQUAL TO OR LESS THAN M
- FAIL: THE LOT FAILS THE ACCEPTABILITY CRITERION, IF P=PU+PL IS GREATER THAN M.

VALUE OBTAINED

- 15
- 1,501.3
- 150,260.63
- 150,260.11
- 00.52
- 0.0371
- 0.1926
- 100.09
- 102.00
- 98.00
- 9.92
- 10.85
- 0.00
- 0.00
- 0.00
- 06.55

PASS

KENTUCKY UTILITIES COMPANY  
 2003 SAMPLE TEST PROGRAM (JANUARY 1, 2003 TO DECEMBER 31, 2003)  
 GROUP--NAME METER-TYPE METER-TYPE QUANTITY METERS TESTED PASS/  
 D5 001 WE D5 563 35 35 FAIL  
 POPULATION QUANTITY TESTED PASS

TEST RESULTS PER ANSI/ASQC Z1.9-1993  
 DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
 ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
 AQL = 2.5% - INSPECTION LEVEL II "J" - NORMAL INSPECTION

DEVICE NUMBER	AND FULL LOAD	TEST ACCURACY DATA	*****	*****	*****	*****
C267881	100.5	C279715	100.2	C279770	100.3	C279820
C279856	99.8	C279877	100.1	C283465	100.1	C283508
C283552	100.0	C283562	100.1	C283577	100.1	C283630
C283640	99.9	C283657	100.5	C283679	100.2	C283708
C298910	100.3	C298916	100.2	C298925	100.5	C298998
C299017	100.1	C299049	100.0	C299073	100.0	C299096
C299098		C299111	100.4	C299127	100.1	M397181

INFORMATION NEEDED

- 1 SAMPLE SIZE: N
- 2 SUM OF MEASUREMENTS
- 3 SUM OF SQUARED MEASUREMENTS
- 4 CORRECTION FACTOR (CF): SUM OF X SQUARED / N
- 5 CORRECTED SUM OF SQUARES (SS):
- 6 VARIANCE (V): SS/(N-1)
- 7 ESTIMATE OF LOT STANDARD DEVIATION S: SR OF V
- 8 SAMPLE MEAN X BAR: SUM X/N
- 9 UPPER SPECIFICATION LIMIT: U
- 10 LOWER SPECIFICATION LIMIT: L
- 11 QUALITY INDEX: QU=(U-XBAR)/S
- 12 QUALITY INDEX: QL=(XBAR-L)/S
- 13 ESTIMATE OF LOT PERCENT NCF: ABOVE U:PU
- 14 ESTIMATE OF LOT PERCENT NCF: BELOW L:PL
- 15 TOTAL ESTIMATE PERCENT NCF: IN LOT: P=PU+PL
- 16 MAXIMUM ALLOWABLE PERCENT NCF: M
- 17 ACCEPTABILITY CRITERION: COMPARE P=PU+PL WITH M
- 18 PASS: THE LOT MEETS THE ACCEPTABILITY CRITERION, IF P=PU+PL IS EQUAL TO OR LESS THAN M
- 19 FAIL: THE LOT FAILS THE ACCEPTABILITY CRITERION, IF P=PU+PL IS GREATER THAN M.

VALUE OBTAINED
35
3,503.4
350,682.30
350,680.33
01.97
0.0579
0.2406
100.10
102.00
98.00
7.90
8.73
0.00
0.00
0.00
05.58
PASS

KENTUCKY UTILITIES COMPANY  
 2003 SAMPLE TEST PROGRAM (JANUARY 1, 2003 TO DECEMBER 31, 2003)  
 GROUP--NAME METER-TYPE METER-TYPE QUANTITY TESTED METERS PASS/FAIL  
 I30 001 GE I30 161 15 15 15 15

TEST RESULTS PER ANSI/ASQC Z1.9-1993  
 DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
 ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
 AQL = 2.5% - INSPECTION LEVEL II "G" - NORMAL INSPECTION

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
C177208	99.5	C182433	99.3	C194544	99.8	W052543	99.5	W054285	99.5	W061028	100.2	W064408
W056575	99.1	W056999	100.5	W059185	100.3	W059801	99.3	W061028	99.3	W064408	100.2	W064408
W062966	99.3	W063041	99.1	W063181	99.7	W064354	98.9	W064408	98.9	W064408	99.3	W064408

INFORMATION NEEDED

- 1 SAMPLE SIZE: N
- 2 SUM OF MEASUREMENTS
- 3 SUM OF SQUARED MEASUREMENTS
- 4 CORRECTION FACTOR (CF): SUM OF X SQUARED / N
- 5 CORRECTED SUM OF SQUARES (SS):
- 6 VARIANCE (V): SS/(N-1)
- 7 ESTIMATE OF LOT STANDARD DEVIATION S: SR OF V
- 8 SAMPLE MEAN X BAR: SUM X/N
- 9 UPPER SPECIFICATION LIMIT: U
- 10 LOWER SPECIFICATION LIMIT: L
- 11 QUALITY INDEX: QU=(U-XBAR)/S
- 12 QUALITY INDEX: QL=(XBAR-L)/S
- 13 ESTIMATE OF LOT PERCENT NCF. ABOVE U:PU
- 14 ESTIMATE OF LOT PERCENT NCF. BELOW L:PL
- 15 TOTAL ESTIMATE PERCENT NCF. IN LOT: P=PU+PL
- 16 MAXIMUM ALLOWABLE PERCENT NCF: M
- 17 ACCEPTABILITY CRITERION: COMPARE P=PU+PL WITH M
- 18 PASS: THE LOT MEETS THE ACCEPTABILITY CRITERION, IF P=PU+PL IS EQUAL TO OR LESS THAN M
- 19 FAIL: THE LOT FAILS THE ACCEPTABILITY CRITERION, IF P=PU+PL IS GREATER THAN M.

VALUE OBTAINED

- 15
- 1,493.3
- 148,666.05
- 148,662.99
- 03.06
- 0.2186
- 0.4675
- 99.55
- 102.00
- 98.00
- 5.24
- 3.32
- 0.00
- 0.00
- 0.00
- 06.55
- PASS













































KENTUCKY UTILITIES COMPANY  
2003 SAMPLE TEST PROGRAM (JANUARY 1, 2003 TO DECEMBER 31, 2003)  
GROUP--NAME METER-TYPE POPULATION QUANTITY TESTED PASS/FAIL  
J 001 SA J 900 35 34

TEST RESULTS PER ANSI/ASQC Z1.9-1993  
DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
AQL = 2.5% - INSPECTION LEVEL II "J" - NORMAL INSPECTION

DEVICE NUMBER	AND FULL LOAD TEST ACCURACY DATA	TEST ACCURACY DATA	TEST ACCURACY DATA
100.3	C160730	99.7	C164891
99.6	C169818	100.5	C170917
99.9	C175909	100.5	C173939
99.0	M409872	99.5	M400872
101.3	M431409	99.4	M410569
101.2	W046032	99.8	W046022
99.7	W068514	99.4	W050841
		100.2	W074612
		100.5	C167637
		99.4	C173939
		98.5	M400924
		100.3	M411147
		98.6	W046025
		100.0	W067530
		99.3	

INFORMATION NEEDED

- SAMPLE SIZE: N
- SUM OF MEASUREMENTS
- SUM OF SQUARED MEASUREMENTS
- CORRECTION FACTOR (CF): SUM OF X SQUARED / N
- CORRECTED SUM OF SQUARES (SS)
- VARIANCE (V): SS/(N-1)
- ESTIMATE OF LOT STANDARD DEVIATION S: SR OF V
- SAMPLE MEAN X BAR: SUM X/N
- UPPER SPECIFICATION LIMIT: U
- LOWER SPECIFICATION LIMIT: L
- QUALITY INDEX: QU=(U-XBAR)/S
- QUALITY INDEX: QL=(XBAR-L)/S
- ESTIMATE OF LOT PERCENT NCF: ABOVE U:PU
- ESTIMATE OF LOT PERCENT NCF: BELOW L:PL
- TOTAL ESTIMATE PERCENT NCF: IN LOT: P=PU+PL
- MAXIMUM ALLOWABLE PERCENT NCF: M
- ACCEPTABILITY CRITERION: COMPARE P=PU+PL WITH M
- PASS: THE LOT MEETS THE ACCEPTABILITY CRITERION, IF P=PU+PL IS EQUAL TO OR LESS THAN M
- FAIL: THE LOT FAILS THE ACCEPTABILITY CRITERION, IF P=PU+PL IS GREATER THAN M.

\*\*\*\*\* M METER REMOVED BUT COULD NOT BE LOCATED FOR TESTING AND PRESUMED LOST \*\*\*\*\*  
\*\*\*\*\* DEVICE SELECTED BUT NOT TESTED \*\*\*\*\*  
\*\*\*\*\* P=PU+PL IS GREATER THAN M. \*\*\*\*\*  
\*\*\*\*\* P=PU+PL IS EQUAL TO OR LESS THAN M \*\*\*\*\*



KENTUCKY UTILITIES COMPANY  
 2003 SAMPLE TEST PROGRAM (JANUARY 1, 2003 TO DECEMBER 31, 2003)  
 GROUP --NAME METER-TYPE METER SERVICE SAMPLE METERS PASS/  
 J3 001 SA J3 10,000 QUANTITY TESTED FAIL  
 75 75 PASS

TEST RESULTS PER ANSI/ASQC Z1.9-1993  
 DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
 ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
 AQL = 2.5% - INSPECTION LEVEL II "L" - NORMAL INSPECTION

DEVICE NUMBER	AND FULL LOAD TEST ACCURACY DATA	100.0	100.9	100.3	100.3	100.0
C206228	C206249	100.0	100.9	100.3	100.3	C208000
C210498	C210500	100.2	100.1	101.3	100.2	C210978
C212429	C212986	99.9	100.6	100.1	100.4	C213113
C214903	C217410	99.8	100.3	100.3	100.3	C218530
C214574	C221087	100.0	100.2	100.1	100.2	C221775
C219633	C220250	100.4	100.1	99.7	100.3	C224175
C222302	C224120	100.4	99.9	100.1	100.1	C225924
C224305	C224355	100.4	99.5	99.1	99.8	M351594
L002682	L112743	99.6	99.5	99.1	99.8	M380369
M352219	M373139	99.7	99.8	99.8	100.0	M383655
M382267	M383436	100.1	100.4	100.1	100.5	W094205
M387361	W093822	99.6	100.3	100.7	100.2	W096047
W094532	W417523	100.3	100.4	100.0	99.6	W097379
W095622	W094764	100.5	100.0	100.8	99.8	W098868
W097419	W096933	100.1	99.9	99.8	100.7	W103119
W098905	W097537	100.4	100.1	100.3	100.7	
	W100503					

VALUE OBTAINED

- SAMPLE SIZE: N
- SUM OF MEASUREMENTS
- SUM OF SQUARED MEASUREMENTS
- CORRECTION FACTOR (CF): SUM OF X SQUARED / N
- CORRECTED SUM OF SQUARES (SS)
- VARIANCE (V): SS/(N-1)
- ESTIMATE OF LOT STANDARD DEVIATION S: SR OF V
- SAMPLE MEAN X BAR: SUM X/N
- UPPER SPECIFICATION LIMIT: U
- LOWER SPECIFICATION LIMIT: L
- QUALITY INDEX: QU=(U-XBAR)/S
- QUALITY INDEX: QL=(XBAR-L)/S
- ESTIMATE OF LOT PERCENT NCF: ABOVE U:PU
- ESTIMATE OF LOT PERCENT NCF: BELOW L:PL
- TOTAL ESTIMATE PERCENT NCF: IN LOT: P=PU+PL
- MAXIMUM ALLOWABLE PERCENT NCF: M
- ACCEPTABILITY CRITERION: COMPARE P=PU+PL WITH M
- PASS: THE LOT MEETS THE ACCEPTABILITY CRITERION, IF P=PU+PL IS EQUAL TO OR LESS THAN M
- FAIL: THE LOT FAILS THE ACCEPTABILITY CRITERION, IF P=PU+PL IS GREATER THAN M.

7,509.4
751,881.18
09.44
0.1276
0.3572
100.13
102.00
98.00
5.24
5.96
0.00
0.00
0.00
04.83
PASS









KENTUCKY UTILITIES COMPANY  
2003 SAMPLE TEST PROGRAM (JANUARY 1, 2003 TO DECEMBER 31, 2003)  
IN-SERVICE SAMPLE METERS  
GROUP --NAME METER-TYPE POPULATION QUANTITY TESTED  
J4 003 SA J4 1,453 50 50  
FAIL  
PASS

TEST RESULTS PER ANS/ASQC Z1.9-1993

DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
AQL = 2.5% - INSPECTION LEVEL II "K" - NORMAL INSPECTION

DEVICE NUMBER	TEST ACCURACY DATA	TEST ACCURACY DATA	TEST ACCURACY DATA	TEST ACCURACY DATA	TEST ACCURACY DATA	TEST ACCURACY DATA
C351199	100.1	100.5	99.3	99.9	C351280	99.9
C351355	99.9	100.4	100.6	100.1	C351469	100.1
C351509	100.1	100.0	100.0	100.1	C351538	100.1
M415640	100.1	99.9	100.0	100.2	M415771	100.2
M415803	100.0	100.1	100.3	100.0	M415957	100.0
M415963	100.2	100.0	99.8	100.1	M416086	100.1
M416121	100.1	100.2	100.0	99.9	W123581	99.9
W123583	100.1	100.1	100.0	100.2	W123625	100.2
W123632	99.9	99.6	99.8	100.1	W123676	100.0
W123726	100.6	99.7	100.1	99.6	W123795	100.6

INFORMATION NEEDED

- 1 SAMPLE SIZE: N
- 2 SUM OF MEASUREMENTS
- 3 SUM OF SQUARED MEASUREMENTS
- 4 CORRECTION FACTOR (CF): SUM OF X SQUARED / N
- 5 CORRECTED SUM OF SQUARES (SS)
- 6 VARIANCE (V): SS/(N-1)
- 7 ESTIMATE OF LOT STANDARD DEVIATION S: SR OF V
- 8 SAMPLE MEAN X BAR: SUM X/N
- 9 UPPER SPECIFICATION LIMIT: U
- 10 LOWER SPECIFICATION LIMIT: L
- 11 QUALITY INDEX: QU=(U-XBAR)/S
- 12 QUALITY INDEX: QL=(XBAR-L)/S
- 13 ESTIMATE OF LOT PERCENT NCF. ABOVE U:PU
- 14 ESTIMATE OF LOT PERCENT NCF. BELOW L:PL
- 15 TOTAL ESTIMATE PERCENT NCF. IN LOT: P=PU+PL
- 16 MAXIMUM ALLOWABLE PERCENT NCF: M
- 17 ACCEPTABILITY CRITERION: COMPARE P=PU+PL WITH M
- 18 PASS: THE LOT MEETS THE ACCEPTABILITY CRITERION, IF P=PU+PL IS EQUAL TO OR LESS THAN M
- 19 FAIL: THE LOT FAILS THE ACCEPTABILITY CRITERION, IF P=PU+PL IS GREATER THAN M.

VALUE OBTAINED

50  
5,000.9  
500,183.71  
500,180.02  
03.69  
0.0753  
0.2744  
100.02  
102.00  
98.00  
7.22  
7.36  
0.00  
0.00  
0.00  
0.00  
05.21  
PASS

2003 SAMPLE TEST PROGRAM (JANUARY 1, 2003 TO DECEMBER 31, 2003)  
KENTUCKY UTILITIES COMPANY  
GROUP -- NAME METER-TYPE POPULATION QUANTITY METERS TESTED PASS/  
J4E 001 SA J4E 139 10 10 PASS FAIL  
PASS

TEST RESULTS PER ANSI/ASQC Z1.9-1993  
DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
AQL = 2.5% - INSPECTION LEVEL II "F" - NORMAL INSPECTION

\*\*\*\*\* DEVICE NUMBER AND FULL LOAD TEST ACCURACY DATA \*\*\*\*\*  
M428144 99.7 99.8 W107210 99.9 W107262 100.1 W118281 100.3  
W118301 100.2 99.7 W118314 99.6 W118318 99.6 W118354 100.3

INFORMATION NEEDED

- 1 SAMPLE SIZE: N
- 2 SUM OF MEASUREMENTS
- 3 SUM OF SQUARED MEASUREMENTS
- 4 CORRECTION FACTOR (CF): SUM OF X SQUARED / N
- 5 CORRECTED SUM OF SQUARES (SS):
- 6 VARIANCE (V): SS/(N-1)
- 7 ESTIMATE OF LOT STANDARD DEVIATION S: SR OF V
- 8 SAMPLE MEAN X BAR: SUM X/N
- 9 UPPER SPECIFICATION LIMIT: U
- 10 LOWER SPECIFICATION LIMIT: L
- 11 QUALITY INDEX:  $QU = (U - XBAR) / S$
- 12 QUALITY INDEX:  $QL = (XBAR - L) / S$
- 13 ESTIMATE OF LOT PERCENT NCF. ABOVE U:PU
- 14 ESTIMATE OF LOT PERCENT NCF. BELOW L:PL
- 15 TOTAL ESTIMATE PERCENT NCF. IN LOT: P=PU+PL
- 16 MAXIMUM ALLOWABLE PERCENT NCF: M
- 17 ACCEPTABILITY CRITERION: COMPARE P=PU+PL WITH M
- 18 PASS: THE LOT MEETS THE ACCEPTABILITY CRITERION, IF P=PU+PL IS EQUAL TO OR LESS THAN M
- 19 FAIL: THE LOT FAILS THE ACCEPTABILITY CRITERION, IF P=PU+PL IS GREATER THAN M.

VALUE OBTAINED

10  
999.2  
99,840.78  
99,840.05  
00.72  
0.0800  
0.2828  
99.92  
102.00  
98.00  
7.36  
6.79  
0.00  
0.00  
0.00  
07.26  
PASS

MD885A

KENTUCKY UTILITIES COMPANY  
 2003 SAMPLE TEST PROGRAM (JANUARY 1, 2003 TO DECEMBER 31, 2003)  
 IN-SERVICE SAMPLE METERS PASS/  
 POPULATION QUANTITY TESTED FAIL  
 METER-TYPE SA J5 10,000 75 75 PASS

TEST RESULTS PER ANSI/ASQC Z1.9-1993

DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
 ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
 AQL = 2.5% - INSPECTION LEVEL II "L" - NORMAL INSPECTION

DEVIATION	TEST ACCURACY DATA	TEST ACCURACY DATA	TEST ACCURACY DATA	TEST ACCURACY DATA
100.1	C273594	100.1	C273468	100.1
99.9	C277773	99.5	C274165	99.9
100.1	C278607	99.9	C278282	100.1
100.2	C282714	99.9	C282635	100.1
100.2	L243186	99.9	L243054	100.2
100.2	L245988	100.1	L245082	100.2
100.2	L246395	100.6	L246171	100.0
100.2	L247113	100.4	L246999	100.2
100.2	L248390	99.8	L248327	100.2
99.6	L248765	99.8	L248752	99.8
99.8	L249191	99.9	L249145	99.9
100.0	L250936	100.0	L250738	100.0
99.9	L252621	100.4	L251938	100.4
99.7	W124363	100.2	L252950	100.2
99.7	W125984	99.8	W125444	99.8

VALUE OBTAINED

VALUE OBTAINED	TEST ACCURACY DATA	TEST ACCURACY DATA	TEST ACCURACY DATA	TEST ACCURACY DATA
75	C273234	99.7	C273468	100.1
7,502.4	C274071	100.2	C274165	99.5
750,485.36	C278270	100.0	C278282	99.9
750,480.08	C282518	100.2	C282635	99.9
05.28	C283271	100.2	L243054	99.9
0.0714	L245043	100.5	L245082	100.1
0.2672	L246109	100.1	L246171	100.6
100.03	L246768	100.1	L246999	100.4
102.00	L248113	100.2	L248327	99.8
98.00	L248521	99.9	L248752	99.8
7.37	L249117	99.3	L249145	99.9
0.00	L250546	99.9	L250738	100.0
0.00	L251483	100.5	L251938	100.4
0.00	L252876	100.3	L252950	100.2
04.83	W125395	100.0	W125444	99.8

INFORMATION NEEDED

- 1 SAMPLE SIZE: N
- 2 SUM OF SQUARED MEASUREMENTS
- 3 SUM OF SQUARED MEASUREMENTS
- 4 CORRECTION FACTOR (CF): SUM OF X SQUARED / N
- 5 VARIANCE (V): SS/(N-1)
- 6 ESTIMATE OF LOT STANDARD DEVIATION S: SR OF V
- 7 SAMPLE MEAN X BAR: SUM X/N
- 8 UPPER SPECIFICATION LIMIT: U
- 9 LOWER SPECIFICATION LIMIT: L
- 10 QUALITY INDEX: QU=(U-XBAR)/S
- 11 QUALITY INDEX: QL=(XBAR-L)/S
- 12 ESTIMATE OF LOT PERCENT NCF: ABOVE U:PU
- 13 ESTIMATE OF LOT PERCENT NCF: BELOW L:PL
- 14 TOTAL ESTIMATE PERCENT NCF: IN LOT: P=PU+PL
- 15 MAXIMUM ALLOWABLE PERCENT NCF: M
- 16 ACCEPTABILITY CRITERION: COMPARE P=PU+PL WITH M
- 17 PASS: THE LOT MEETS THE ACCEPTABILITY CRITERION, IF P=PU+PL IS EQUAL TO OR LESS THAN M
- 18 FAIL: THE LOT FAILS THE ACCEPTABILITY CRITERION, IF P=PU+PL IS GREATER THAN M.

TEST RESULTS PER ANSI/ASQC Z1.9-1993  
 DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
 ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
 AQL = 2.5% - INSPECTION LEVEL II "L" - NORMAL INSPECTION

DEVICE NUMBER	AND FULL LOAD TEST ACCURACY DATA	TEST ACCURACY DATA	TEST ACCURACY DATA	TEST ACCURACY DATA	TEST ACCURACY DATA	TEST ACCURACY DATA	TEST ACCURACY DATA	TEST ACCURACY DATA	TEST ACCURACY DATA	TEST ACCURACY DATA	TEST ACCURACY DATA	TEST ACCURACY DATA	TEST ACCURACY DATA	TEST ACCURACY DATA	TEST ACCURACY DATA
C283752	99.9	C283758	100.0	C283847	99.9	C283917	99.9	C283962	99.9	C283962	99.9	C283962	99.9	C283962	99.9
C286223	100.1	C288707	100.2	C288802	100.0	C291349	100.3	C291371	100.1	C291371	100.1	C291371	100.1	C291371	100.1
C291525	100.6	C291586	100.0	C291656	100.0	C291817	100.3	C292010	100.3	C292010	100.3	C292010	100.3	C292010	100.3
C292231	99.9	C292266	99.8	C292312	100.1	L253131	99.8	L253180	99.8	L253180	99.8	L253180	99.8	L253180	99.8
L253395	100.3	L253411	99.8	L253486	99.3	L253508	100.1	L253534	100.1	L253534	100.1	L253534	100.1	L253534	100.1
L253723	100.1	L254189	99.9	L254372	100.0	L254603	99.6	L254851	99.7	L254851	99.7	L254851	99.7	L254851	99.7
L254972	100.0	L255089	100.4	L255258	100.1	L255362	100.2	L255377	100.2	L255377	100.2	L255377	100.2	L255377	100.2
L255386	99.8	L255417	100.1	L255526	100.1	L255640	100.2	L255838	99.0	L255838	99.0	L255838	99.0	L255838	99.0
L255888	100.2	L256544	100.4	L256691	100.6	L256892	100.3	L256901	100.1	L256901	100.1	L256901	100.1	L256901	100.1
L257122	99.9	L257341	100.0	L257343	100.3	L257370	99.6	L257722	100.3	L257722	100.3	L257722	100.3	L257722	100.3
L257749	99.7	L257777	100.1	L257904	99.9	L258059	100.0	L258422	100.5	L258422	100.5	L258422	100.5	L258422	100.5
L258469	99.9	L258788	100.1	M421417	100.1	M421426	100.1	M421430	99.9	M421430	99.9	M421430	99.9	M421430	99.9
M421477	100.1	M421762	100.2	M421970	100.2	M422654	100.3	M423098	100.3	M423098	100.3	M423098	100.3	M423098	100.3
M423256	99.6	W125936	99.9	W126060	100.0	W126150	100.0	W126318	99.8	W126318	99.8	W126318	99.8	W126318	99.8
W126971	100.4	W126976	99.8	W127641	100.3	W128680	100.2	W128815	100.1	W128815	100.1	W128815	100.1	W128815	100.1

INFORMATION NEEDED

- 1 SAMPLE SIZE: N
- 2 SUM OF MEASUREMENTS
- 3 SUM OF SQUARED MEASUREMENTS
- 4 CORRECTION FACTOR (CF): SUM OF X SQUARED / N
- 5 CORRECTED SUM OF SQUARES (SS)
- 6 VARIANCE (V): SS/(N-1)
- 7 ESTIMATE OF LOT STANDARD DEVIATION S: SR OF V
- 8 SAMPLE MEAN X BAR: SUM X/N
- 9 UPPER SPECIFICATION LIMIT: U
- 10 LOWER SPECIFICATION LIMIT: L
- 11 QUALITY INDEX: QU=(U-XBAR)/S
- 12 QUALITY INDEX: QL=(XBAR-L)/S
- 13 ESTIMATE OF LOT PERCENT NCF: ABOVE U:PU
- 14 ESTIMATE OF LOT PERCENT NCF: BELOW L:PL
- 15 TOTAL ESTIMATE PERCENT NCF: IN LOT: P=PU+PL
- 16 MAXIMUM ALLOWABLE PERCENT NCF: M
- 17 ACCEPTABILITY CRITERION: COMPARE P=PU+PL WITH M
- 18 PASS: THE LOT MEETS THE ACCEPTABILITY CRITERION, IF P=PU+PL IS EQUAL TO OR LESS THAN M
- 19 FAIL: THE LOT FAILS THE ACCEPTABILITY CRITERION, IF P=PU+PL IS GREATER THAN M.

VALUE OBTAINED

75
7,503.6
750,725.62
750,720.17
05.45
0.0736
0.2713
100.05
102.00
98.00
7.19
7.56
0.00
0.00
0.00
04.83
PASS

KENTUCKY UTILITIES COMPANY  
 2003 SAMPLE TEST PROGRAM (JANUARY 1, 2003 TO DECEMBER 31, 2003)  
 GROUP -- NAME METER-TYPE POPULATION QUANTITY METERS TESTED PASS/FAIL  
 J5 003 SA J5 10,000 75 75 PASS

TEST RESULTS PER ANSI/ASQC Z1.9-1993  
 DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
 ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
 AQL = 2.5% - INSPECTION LEVEL II "L" - NORMAL INSPECTION

DEVICE NUMBER	AND FULL LOAD TEST ACCURACY DATA	TEST ACCURACY DATA
100.4	C294662	100.1
100.2	C294930	100.6
100.3	C295491	100.6
100.0	L259225	100.3
100.0	L260598	99.8
100.0	L261177	100.5
100.5	M423973	99.9
99.9	M424472	100.4
100.6	M429553	100.0
99.7	M430372	99.9
100.5	M430865	100.6
100.1	M432203	100.1
99.7	M433324	100.4
100.1	W139743	100.2
100.3	W130445	99.8
100.4	W130855	100.0
100.2	C294662	100.3
100.6	C294930	99.9
100.1	L258844	100.6
100.0	L259536	100.3
99.9	L260635	99.8
99.8	L261437	99.8
100.2	M424027	100.0
99.3	M424547	100.1
100.3	M429698	100.6
99.7	M430388	100.3
100.5	M430971	100.1
100.1	M432278	100.4
99.7	M433338	100.2
100.1	W130005	100.2
100.3	W130469	99.8
100.4	W130875	100.0
100.2	C294930	100.0
100.1	L258844	100.6
99.8	L259769	100.1
100.5	L260806	100.3
99.9	M423746	99.9
100.4	M424311	100.1
100.0	M429116	99.9
100.6	M430021	100.3
99.9	M430391	100.1
100.4	M432048	100.6
100.2	M432334	100.3
100.4	M433412	99.9
99.8	W130012	100.2
99.8	W130501	99.7
100.0	W130930	100.1
100.0	W131085	100.3
100.0	C295043	100.0
100.2	L259051	100.2
100.2	L259770	100.2
99.8	L261114	99.8
100.2	M423863	100.2
100.2	M424382	100.2
99.7	M429296	99.7
100.3	M430279	100.3
100.1	M430517	100.1
100.2	M432195	100.2
100.0	M433151	100.2
99.6	P005048	99.6
100.2	W130432	100.2
99.5	W130544	99.5
99.9	W131145	99.9

VALUE OBTAINED

1	SAMPLE SIZE: N	75
2	SUM OF MEASUREMENTS	7,506.0
3	SUM OF SQUARED MEASUREMENTS	751,205.94
4	CORRECTION FACTOR (CF): SUM OF X SQUARED / N	751,200.48
5	VARIANCE (V): SS/(N-1)	05.46
6	ESTIMATE OF LOT STANDARD DEVIATION (S): SR OF V	0.0738
7	SAMPLE MEAN X BAR: SUM X/N	0.2716
8	UPPER SPECIFICATION LIMIT: U	100.08
9	LOWER SPECIFICATION LIMIT: L	102.00
10	QUALITY INDEX: QU=(U-XBAR)/S	98.00
11	ESTIMATE OF LOT PERCENT NCF: ABOVE U:PU	7.07
12	TOTAL ESTIMATE PERCENT NCF: BELOW L:PL	7.66
13	MAXIMUM ALLOWABLE PERCENT NCF: M	0.00
14	ACCEPTABILITY CRITERION: COMPARE P=PU+PL WITH M	0.00
15	PASS: THE LOT MEETS THE ACCEPTABILITY CRITERION, IF P=PU+PL IS EQUAL TO OR LESS THAN M	0.00
16	FAIL: THE LOT FAILS THE ACCEPTABILITY CRITERION, IF P=PU+PL IS GREATER THAN M.	0.83

PASS  
 PASS  
 PASS

KENTUCKY UTILITIES COMPANY  
 2003 SAMPLE TEST PROGRAM (JANUARY 1, 2003 TO DECEMBER 31, 2003)  
 IN-SERVICE SAMPLE METERS PASS/  
 GROUP--NAME METER-TYPE POPULATION QUANTITY TESTED FAIL  
 J5 004 SA J5 10,000 75 75 PASS

TEST RESULTS PER ANSI/ASQC Z1.9-1993  
 DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
 ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
 AQL = 2.5% - INSPECTION LEVEL II "L" - NORMAL INSPECTION

DEVIANCE NUMBER	DEVICE NUMBER	TEST ACCURACY DATA	TEST ACCURACY DATA	TEST ACCURACY DATA	TEST ACCURACY DATA
100.6	100.3	C297128	100.1	100.0	100.1
99.8	99.7	C297535	100.1	100.1	100.5
100.6	100.6	L261914	100.2	99.9	100.2
99.9	100.1	L267350	99.8	100.3	99.9
100.7	99.7	L269439	99.3	100.2	99.8
100.1	99.8	L269867	100.4	100.6	99.9
100.5	100.1	L270798	99.9	100.5	100.3
99.4	100.1	L271781	99.9	100.3	99.9
100.0	100.0	L272409	100.2	99.4	100.2
100.2	100.4	L272935	100.3	99.9	100.1
99.7	99.9	L273636	100.0	99.9	100.1
101.0	100.2	L274358	99.8	100.3	100.1
100.2	99.8	L274617	99.7	99.9	99.9
100.1	99.5	L275585	100.3	99.6	100.2
		L275881			

INFORMATION NEEDED

- 1 SAMPLE SIZE: N
- 2 SUM OF MEASUREMENTS
- 3 SUM OF SQUARED MEASUREMENTS
- 4 CORRECTION FACTOR (CF): SUM OF X SQUARED / N
- 5 CORRECTED SUM OF SQUARES (SS)
- 6 VARIANCE (V): SS/(N-1)
- 7 ESTIMATE OF LOT STANDARD DEVIATION S: SR OF V
- 8 SAMPLE MEAN X BAR: SUM X/N
- 9 UPPER SPECIFICATION LIMIT: U
- 10 LOWER SPECIFICATION LIMIT: L
- 11 QUALITY INDEX:  $Q_U = (U - \bar{X}) / S$
- 12 QUALITY INDEX:  $Q_L = (\bar{X} - L) / S$
- 13 ESTIMATE OF LOT PERCENT NCF. ABOVE U:PU
- 14 ESTIMATE OF LOT PERCENT NCF. BELOW L:PL
- 15 TOTAL ESTIMATE PERCENT NCF. IN LOT: P=PU+PL
- 16 MAXIMUM ALLOWABLE PERCENT NCF: M
- 17 ACCEPTABILITY CRITERION: COMPARE P=PU+PL WITH M
- 18 PASS: THE LOT MEETS THE ACCEPTABILITY CRITERION, IF P=PU+PL IS EQUAL TO OR LESS THAN M
- 19 FAIL: THE LOT FAILS THE ACCEPTABILITY CRITERION, IF P=PU+PL IS GREATER THAN M.

VALUE OBTAINED

75
7,505.2
751,047.62
751,040.36
0.0981
0.3132
100.07
102.00
98.00
6.16
6.61
0.00
0.00
0.00
04.83
PASS
IS EQUAL TO OR LESS THAN M
IS GREATER THAN M.

KENTUCKY UTILITIES COMPANY  
2003 SAMPLE TEST PROGRAM (JANUARY 1, 2003 TO DECEMBER 31, 2003)  
IN-SERVICE SAMPLE METERS  
GROUP--NAME METER-TYPE POPULATION QUANTITY TESTED  
J5 005 SA J5 10,000 75  
PASS

TEST RESULTS PER ANSI/ASQC Z1.9-1993

DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
AQL = 2.5% - INSPECTION LEVEL II "L" - NORMAL INSPECTION

DEVICE NUMBER	AND FULL LOAD TEST ACCURACY DATA	TEST RESULTS	TEST ACCURACY DATA
C303272	100.4	100.1	C303765
C304201	100.0	99.8	C305979
C306446	99.9	100.0	C306611
C306976	99.9	99.9	C307500
C307900	100.2	100.4	L277650
L277988	99.7	99.9	L278355
L278411	99.9	100.0	L278794
L278909	99.7	99.6	L279104
L279296	100.3	99.7	L280171
L280331	99.7	99.8	L280797
L281065	99.8	99.6	L281339
L281490	99.9	100.1	L281462
L282065	100.0	100.1	L281881
L282738	99.7	99.7	L282345
P003425	100.0	100.0	L282935
			P007040
			P007052
			C303859
			C306289
			C306833
			C307799
			L277795
			L278370
			L278796
			L279164
			L280253
			L280872
			L281462
			L281969
			L282677
			L282968
			P007068

VALUE OBTAINED

- SAMPLE SIZE: N
- SUM OF MEASUREMENTS
- SUM OF SQUARED MEASUREMENTS
- CORRECTION FACTOR (CF): SUM OF X SQUARED / N
- CORRECTED SUM OF SQUARES (SS)
- VARIANCE (V): SS/(N-1)
- ESTIMATE OF LOT STANDARD DEVIATION S: SR OF V
- SAMPLE MEAN X BAR: SUM X/N
- UPPER SPECIFICATION LIMIT: U
- LOWER SPECIFICATION LIMIT: L
- QUALITY INDEX: QU=(U-XBAR)/S
- QUALITY INDEX: QL=(XBAR-L)/S
- ESTIMATE OF LOT PERCENT NCF: ABOVE U:PU
- ESTIMATE OF LOT PERCENT NCF: BELOW L:PL
- TOTAL ESTIMATE PERCENT NCF: IN LOT: P=PU+PL
- MAXIMUM ALLOWABLE PERCENT NCF: M
- ACCEPTABILITY CRITERION: COMPARE P=PU+PL WITH M
- PASS: THE LOT MEETS THE ACCEPTABILITY CRITERION, IF P=PU+PL IS EQUAL TO OR LESS THAN M
- FAIL: THE LOT FAILS THE ACCEPTABILITY CRITERION, IF P=PU+PL IS GREATER THAN M.

INFORMATION NEEDED

- 75
- 7,492.9
- 748,584.61
- 748,580.67
- 03.94
- 0.0532
- 0.2306
- 99.91
- 102.00
- 98.00
- 9.06
- 8.28
- 0.00
- 0.00
- 0.00
- 04.83
- PASS
- P=PU+PL IS EQUAL TO OR LESS THAN M
- P=PU+PL IS GREATER THAN M.

TEST RESULTS PER ANSI/ASQC Z1.9-1993  
 DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
 ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
 AQL = 2.5% - INSPECTION LEVEL II "L" - NORMAL INSPECTION

TEST RESULTS PER ANSI/ASQC Z1.9-1993	DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD	ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED	AQL = 2.5% - INSPECTION LEVEL II "L" - NORMAL INSPECTION
*****	*****	*****	*****
99.9	99.7	99.9	99.8
100.0	100.1	100.0	100.7
100.2	99.9	99.9	100.1
99.9	99.8	99.6	99.8
100.3	100.3	100.2	99.6
99.7	100.2	99.9	99.9
99.9	99.7	100.4	100.2
100.6	100.3	99.9	99.9
100.3	100.1	99.7	100.6
99.9	100.3	99.7	100.0
100.0	99.8	99.6	99.4
100.0	100.0	99.8	99.7
C307988	C307988	C308335	C308426
C308487	C308628	C308654	C308786
C308999	C309060	C309223	C309439
C309553	C309625	C309805	C310178
C310186	C310188	C310199	C310452
C310535	C310551	C310725	C310920
C311470	C311505	C311755	C312015
C312226	C312341	C312531	C312930
C312960	C313005	C313302	C313484
C313596	C313624	C313704	C313911
C314390	C314393	C314571	C315137
C315245	C315279	M438629	M439090
M439149	W138499	W138885	W138901
W138909	W139025	W139027	W139296
W139322	W139642	W140105	W140531
*****	*****	*****	*****

INFORMATION NEEDED

- 1 SAMPLE SIZE: N
- 2 SUM OF SQUARED MEASUREMENTS
- 3 SUM OF SQUARED MEASUREMENTS
- 4 CORRECTION FACTOR (CF): SUM OF X SQUARED / N
- 5 CORRECTED SUM OF SQUARES (SS)
- 6 VARIANCE (V): SS/(N-1)
- 7 ESTIMATE OF LOT STANDARD DEVIATION S: SR OF V
- 8 SAMPLE MEAN X BAR: SUM X/N
- 9 UPPER SPECIFICATION LIMIT: U
- 10 LOWER SPECIFICATION LIMIT: L
- 11 QUALITY INDEX: QU=(U-XBAR)/S
- 12 QUALITY INDEX: QL=(XBAR-L)/S
- 13 ESTIMATE OF LOT PERCENT NCF. ABOVE U:PU
- 14 ESTIMATE OF LOT PERCENT NCF. BELOW L:PL
- 15 TOTAL ESTIMATE PERCENT NCF. IN LOT: P=PU+PL
- 16 MAXIMUM ALLOWABLE PERCENT NCF: M
- 17 ACCEPTABILITY CRITERION: COMPARE P=PU+PL WITH M
- 18 PASS: THE LOT MEETS THE ACCEPTABILITY CRITERION, IF P=PU+PL IS EQUAL TO OR LESS THAN M
- 19 FAIL: THE LOT FAILS THE ACCEPTABILITY CRITERION, IF P=PU+PL IS GREATER THAN M.

VALUE OBTAINED

75	7,498.3	0.0807	99.8	C308376
75	749,666.01	0.2840	100.0	C308660
75	749,666.04	99.98	100.7	C309297
75	05.97	102.00	100.1	C309921
75	0.0807	98.00	99.8	C310372
75	0.2840	7.11	99.6	C310920
75	99.98	6.97	99.9	C311957
75	102.00	0.00	100.2	C312713
75	98.00	0.00	100.4	C31328
75	7.11	0.00	99.9	C313810
75	6.97	0.00	99.6	C314687
75	0.00	0.00	100.6	M438824
75	0.00	0.00	100.0	W138886
75	04.83	0.00	99.4	W139043
75	PASS	0.00	99.7	W140112













KENTUCKY UTILITIES COMPANY  
 2003 SAMPLE TEST PROGRAM (JANUARY 1, 2003 TO DECEMBER 31, 2003)  
 IN-SERVICE SAMPLE METERS TESTED PASS/  
 POPULATION QUANTITY 75 FAIL  
 METER-TYPE METER-TYPE 75 PASS  
 J5 012 SA J5

TEST RESULTS PER ANSI/ASQC Z1.9-1993  
 DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
 ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
 AQL = 2.5% - INSPECTION LEVEL II "L" - NORMAL INSPECTION

DEVICE NUMBER	FULL LOAD TEST ACCURACY	DATA	TEST ACCURACY	DATA
C367495	99.9	C367581	99.7	C367734
C368015	99.9	C368403	99.7	C370183
C370275	100.5	C370745	100.4	C370950
C371072	100.2	C371187	99.7	C371747
C371902	100.1	C372095	99.6	C372417
C372510	99.5	C372909	99.4	C373172
C373196	100.0	C373407	99.9	C373825
C374088	100.1	C374319	99.9	C374464
C374545	100.0	C374841	99.9	C374908
C375047	99.8	C375332	99.6	C375673
C375895	99.7	C375044	99.8	C376373
C376627	100.2	C377184	100.1	C377385
C377434	99.9	C377730	99.8	C378338
C378569	100.0	C378640	100.0	C379088
C379103	99.8	C379299	100.3	L317750

VALUE OBTAINED

1	SAMPLE SIZE: N	75
2	SUM OF MEASUREMENTS	7,495.5
3	SUM OF SQUARED MEASUREMENTS	749,104.81
4	CORRECTION FACTOR (CF): SUM OF X SQUARED / N	749,100.27
5	CORRECTED SUM OF SQUARES (SS):	04.54
6	VARIANCE (V): SS/(N-1)	0.0614
7	ESTIMATE OF LOT STANDARD DEVIATION S: SR OF V	0.2478
8	SAMPLE MEAN X BAR: SUM X/N	99.94
9	UPPER SPECIFICATION LIMIT: U	102.00
10	LOWER SPECIFICATION LIMIT: L	98.00
11	QUALITY INDEX: QU=(U-XBAR-L)/S	8.31
12	ESTIMATE OF LOT PERCENT NCF: ABOVE U:PU	7.83
13	ESTIMATE OF LOT PERCENT NCF: BELOW L:PL	0.00
14	TOTAL ESTIMATE PERCENT NCF: IN LOT: P=PU+PL	0.00
15	MAXIMUM ALLOWABLE PERCENT NCF: M	04.83
16	ACCEPTABILITY CRITERION: COMPARE P=PU+PL WITH M	PASS
17	PASS: THE LOT MEETS THE ACCEPTABILITY CRITERION, IF P=PU+PL IS EQUAL TO OR LESS THAN M	
18	FAIL: THE LOT FAILS THE ACCEPTABILITY CRITERION, IF P=PU+PL IS GREATER THAN M.	



2003 SAMPLE TEST PROGRAM (JANUARY 1, 2003 TO DECEMBER 31, 2003)  
KENTUCKY UTILITIES COMPANY  
IN-SERVICE SAMPLE METERS PASS/  
POPULATION QUANTITY TESTED FAIL  
J5 014 SA J5 1,579 50 50 PASS

TEST RESULTS PER ANSI/ASQC Z1.9-1993  
DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
AQL = 2.5% - INSPECTION LEVEL II "K" - NORMAL INSPECTION

DEVICE NUMBER	AND FULL LOAD	TEST ACCURACY DATA	TEST ACCURACY DATA	TEST ACCURACY DATA	TEST ACCURACY DATA
C394716	100.2	C394779	100.0	C394790	99.8
C395043	99.9	C395052	100.0	C394973	100.1
C395274	100.1	C395275	99.9	C395195	100.2
C395371	100.2	C395495	100.3	C395298	100.1
C395571	100.0	C395573	99.8	C395332	99.9
C395846	100.0	C395888	100.2	C395531	100.2
C396276	100.0	C396403	99.9	C395676	99.8
C396483	100.3	C396484	99.9	C395901	100.3
C397884	100.0	C397392	99.8	C396417	99.9
		C397892	99.9	C396513	100.6
				C397804	99.8
				C397898	100.1
				C395028	100.2
				C395254	99.9
				C395335	100.5
				C395536	99.8
				C395841	100.2
				C396142	100.0
				C396478	100.1
				C396680	99.9
				C397874	100.1
				C400253	100.0

INFORMATION NEEDED

- 1 SAMPLE SIZE: N
- 2 SUM OF MEASUREMENTS
- 3 SUM OF SQUARED MEASUREMENTS
- 4 CORRECTION FACTOR (CF): SUM OF X SQUARED / N
- 5 CORRECTED SUM OF SQUARES (SS):
- 6 VARIANCE (V): SS/(N-1)
- 7 ESTIMATE OF LOT STANDARD DEVIATION S: SR OF V
- 8 SAMPLE MEAN X BAR: SUM X/N
- 9 UPPER SPECIFICATION LIMIT: U
- 10 LOWER SPECIFICATION LIMIT: L
- 11 QUALITY INDEX: QU=(U-XBAR)/S
- 12 QUALITY INDEX: QL=(XBAR-L)/S
- 13 ESTIMATE OF LOT PERCENT NCF: ABOVE U:PU
- 14 ESTIMATE OF LOT PERCENT NCF: BELOW L:PL
- 15 TOTAL ESTIMATE PERCENT NCF IN LOT: P=PU+PL
- 16 MAXIMUM ALLOWABLE PERCENT NCF: M
- 17 ACCEPTABILITY CRITERION: COMPARE P=PU+PL WITH M
- 18 PASS: THE LOT MEETS THE ACCEPTABILITY CRITERION, IF P=PU+PL IS EQUAL TO OR LESS THAN M
- 19 FAIL: THE LOT FAILS THE ACCEPTABILITY CRITERION, IF P=PU+PL IS GREATER THAN M.

VALUE OBTAINED

- 50
- 5,001.6
- 500,321.82
- 500,320.05
- 01.77
- 0.0361
- 0.1900
- 102.00
- 98.00
- 10.37
- 10.68
- 0.00
- 0.00
- 0.00
- 05.21
- PASS



KENTUCKY UTILITIES COMPANY  
 2003 SAMPLE TEST PROGRAM (JANUARY 1, 2003 TO DECEMBER 31, 2003)  
 GROUP--NAME METER-TYPE DU MK  
 001 001 MK  
 IN-SERVICE SAMPLE METERS PASS/  
 POPULATION QUANTITY TESTED FAIL  
 1,147 35 35 PASS

TEST RESULTS PER ANSI/ASQC Z1.9-1993  
 DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
 ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
 AQL = 2.5% - INSPECTION LEVEL II "J" - NORMAL INSPECTION

DEVICE NUMBER	TEST ACCURACY DATA	TEST ACCURACY DATA	TEST ACCURACY DATA	TEST ACCURACY DATA			
C180442	100.0	C182273	99.7	C185261	100.4	C186218	100.0
C189261	99.8	C191847	100.3	C191994	99.8	C193080	99.9
C193271	99.5	C193889	99.7	C194384	99.3	C194803	99.9
C195397	99.3	C196948	100.3	C200469	99.9	C201787	100.1
C202958	100.0	W078265	99.8	W078784	100.5	W080522	100.2
W082134	100.0	W087076	100.2	W088044	100.0	W088250	100.0
W089188	100.4	W090335	100.1	W091025	100.4	W091635	100.3

VALUE OBTAINED

3	3,499.3
4	349,863.45
5	349,860.01
6	03.44
7	0.1012
8	0.3181
9	99.98
10	102.00
11	98.00
12	6.35
13	6.22
14	0.00
15	0.00
16	0.00
17	05.58
18	PASS

17 ACCEPTABILITY CRITERION: COMPARE P=PU+PL WITH M  
 18 PASS: THE LOT MEETS THE ACCEPTABILITY CRITERION, IF P=PU+PL IS EQUAL TO OR LESS THAN M  
 19 FAIL: THE LOT FAILS THE ACCEPTABILITY CRITERION, IF P=PU+PL IS GREATER THAN M.

INFORMATION NEEDED

- SAMPLE SIZE: N
- SUM OF MEASUREMENTS
- SUM OF SQUARED MEASUREMENTS
- CORRECTION FACTOR (CF): SUM OF X SQUARED / N
- CORRECTED SUM OF SQUARES (SS):
- VARIANCE (V): SS/(N-1)
- ESTIMATE OF LOT STANDARD DEVIATION S: SR OF V
- SAMPLE MEAN X BAR: SUM X/N
- UPPER SPECIFICATION LIMIT: U
- LOWER SPECIFICATION LIMIT: L
- QUALITY INDEX: QU=(U-XBAR)/S
- QUALITY INDEX: QL=(XBAR-L)/S
- ESTIMATE OF LOT PERCENT NCF. ABOVE U:PU
- ESTIMATE OF LOT PERCENT NCF. BELOW L:PL
- TOTAL ESTIMATE PERCENT NCF. IN LOT: P=PU+PL
- MAXIMUM ALLOWABLE PERCENT NCF: M



KENTUCKY UTILITIES COMPANY  
 2003 SAMPLE TEST PROGRAM (JANUARY 1, 2003 TO DECEMBER 31, 2003)  
 IN-SERVICE SAMPLE METERS PASS/  
 POPULATION QUANTITY TESTED FAIL  
 10,000 75 75 PASS

GROUP--NAME METER-TYPE DU MS  
 001 DU MS

TEST RESULTS PER ANSI/ASQC Z1.9-1993  
 DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
 ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
 AQL = 2.5% - INSPECTION LEVEL II "L" - NORMAL INSPECTION

DEVIANCE	TEST ACCURACY DATA	TEST ACCURACY DATA	TEST ACCURACY DATA
100.4	C224968	100.4	C227289
100.4	C231587	100.1	C231827
99.7	C234568	99.9	C234896
100.5	C237394	99.8	C237621
100.2	L035797	100.0	L1137712
99.9	L138090	100.0	L147782
100.1	L148016	99.8	L149267
100.3	L149514	100.2	L149921
100.0	L173461	99.8	L177443
100.4	L178598	100.2	L179731
100.2	L180095	100.8	M354213
100.4	M386384	100.3	W103320
100.6	W103445	100.0	W105088
100.4	W106978	99.8	W108094
100.5	W108502	100.5	W109596
100.4	C224811	100.4	C227241
100.4	C231252	100.1	C231634
100.2	C232771	99.9	C234882
100.4	C237241	99.8	C237491
100.4	L017079	99.6	L132636
100.0	L137796	100.3	L144449
100.4	L147928	100.6	L149208
99.9	L149445	100.5	L149698
100.0	L173461	100.4	L177187
100.4	L178598	100.3	L178754
100.2	L180095	100.4	M351428
100.4	M386384	100.1	W103271
100.6	W103445	100.6	W105036
100.4	W106978	99.8	W107745
100.5	W108502	100.5	W109222

VALUE OBTAINED

7.516.5
753,303.63
05.50
0.0743
0.2725
102.22
98.00
6.53
8.15
0.00
0.00
04.83
PASS
P=PU+PL IS EQUAL TO OR LESS THAN M
P=PU+PL IS GREATER THAN M.

INFORMATION NEEDED

- SAMPLE SIZE: N
- SUM OF MEASUREMENTS
- SUM OF SQUARED MEASUREMENTS
- CORRECTION FACTOR (CF): SUM OF X SQUARED / N
- CORRECTED SUM OF SQUARES (SS):
- VARIANCE (V): SS/(N-1)
- ESTIMATE OF LOT STANDARD DEVIATION S: SR OF V
- SAMPLE MEAN X BAR: SUM X/N
- UPPER SPECIFICATION LIMIT: U
- LOWER SPECIFICATION LIMIT: L
- QUALITY INDEX: QU=(U-XBAR)/S
- QUALITY INDEX: QL=(XBAR-L)/S
- ESTIMATE OF LOT PERCENT NCF: ABOVE U:PU
- ESTIMATE OF LOT PERCENT NCF: BELOW L:PL
- TOTAL ESTIMATE PERCENT NCF: IN LOT: P=PU+PL
- MAXIMUM ALLOWABLE PERCENT NCF: M
- ACCEPTABILITY CRITERION: COMPARE P=PU+PL WITH M
- PASS: THE LOT MEETS THE ACCEPTABILITY CRITERION, IF P=PU+PL IS EQUAL TO OR LESS THAN M
- FAIL: THE LOT FAILS THE ACCEPTABILITY CRITERION, IF P=PU+PL IS GREATER THAN M.

TEST RESULTS PER ANSI/ASQC Z1.9-1993  
DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
AQL = 2.5% - INSPECTION LEVEL II "L" - NORMAL INSPECTION

DEVICE NUMBER	AND FULL LOAD TEST ACCURACY DATA	PASS/FAIL
C241781	C241862	100.4
C242438	C242483	100.4
C247433	L181529	100.2
L181680	L182975	100.2
L183429	L186238	99.8
L186440	L188297	100.4
L189784	L190114	100.4
L193290	L193111	100.0
L193920	L193377	100.2
L198284	L194427	100.1
L199466	L199189	100.2
W109856	M384564	99.8
W111277	W110448	100.6
W111918	W111870	100.1
W115224	W112720	100.4
C237925	W115238	100.4
C242340	C241872	100.7
C247394	C242541	100.4
L181642	L181567	99.6
L183325	L183210	100.0
L186409	L186304	100.2
L189708	L189650	100.4
L193153	L193111	99.5
L193848	L193602	100.6
L198060	L198057	99.8
L199405	L199376	99.7
M384676	M384578	100.1
W110706	W111882	100.5
W111903	W112891	100.3
W115176	W115361	100.7

INFORMATION NEEDED

- 1 SAMPLE SIZE: N
- 2 SUM OF MEASUREMENTS
- 3 SUM OF SQUARED MEASUREMENTS
- 4 CORRECTION FACTOR (CF): SUM OF X SQUARED / N
- 5 CORRECTED SUM OF SQUARES (SS)
- 6 VARIANCE (V): SS/(N-1)
- 7 ESTIMATE OF LOT STANDARD DEVIATION S: SR OF V
- 8 SAMPLE MEAN X BAR: SUM X/N
- 9 UPPER SPECIFICATION LIMIT: U
- 10 LOWER SPECIFICATION LIMIT: L
- 11 QUALITY INDEX: QU=(U-XBAR)/S
- 12 QUALITY INDEX: QL=(XBAR-L)/S
- 13 ESTIMATE OF LOT PERCENT NCF: ABOVE U:PU
- 14 ESTIMATE OF LOT PERCENT NCF: BELOW L:PL
- 15 TOTAL ESTIMATE PERCENT NCF: IN LOT: P=PU+PL
- 16 MAXIMUM ALLOWABLE PERCENT NCF: M
- 17 ACCEPTABILITY CRITERION: COMPARE P=PU+PL WITH M
- 18 PASS: THE LOT MEETS THE ACCEPTABILITY CRITERION, IF P=PU+PL IS EQUAL TO OR LESS THAN M
- 19 FAIL: THE LOT FAILS THE ACCEPTABILITY CRITERION, IF P=PU+PL IS GREATER THAN M.

VALUE OBTAINED  
75  
7,514.3  
752,869.89  
752,862.73  
0.0968  
0.3111  
102.00  
98.00  
5.82  
7.04  
0.00  
0.00  
0.00  
04.83  
PASS



2003 SAMPLE TEST PROGRAM (JANUARY 1, 2003 TO DECEMBER 31, 2003)  
 KENTUCKY UTILITIES COMPANY  
 IN-SERVICE SAMPLE METERS  
 METER-TYPE POPULATION QUANTITY TESTED  
 MSII 002 DU MSII 10,000 75  
 PASS/FAIL  
 PASS

TEST RESULTS PER ANSI/ASQC Z1.9-1993  
 DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
 ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
 AQL = 2.5% - INSPECTION LEVEL II "L" - NORMAL INSPECTION

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
DEVICES	NO.	TEST	ACCURACY	DATA	TEST	ACCURACY	DATA	TEST	ACCURACY
C260926	100.5	100.0	100.0	C260946	100.3	100.3	C260975	100.4	100.4
C265721	100.4	100.0	100.0	C266204	99.8	99.8	C266250	100.2	100.2
C266318	100.0	100.0	100.0	C266428	100.4	100.4	C270319	99.8	99.8
C270839	100.2	100.1	100.1	C270976	100.2	100.2	C271096	99.8	99.8
C271218	99.7	99.8	99.8	C271224	100.0	100.0	C271319	100.0	100.0
C271390	100.1	100.0	100.0	C271433	100.0	99.7	C271533	100.0	100.0
C271675	100.2	100.0	100.0	C271739	100.0	99.6	C271896	100.0	100.0
C275643	99.5	100.3	100.3	C275874	100.3	100.3	C276155	100.3	100.3
C276248	100.3	100.2	100.2	C276295	100.2	100.0	L222675	99.9	99.9
L223037	100.0	100.0	100.0	L223219	100.0	100.0	L223489	100.1	100.1
L230887	100.1	99.9	99.9	L230923	100.2	100.2	L231432	99.8	99.8
L231514	100.3	100.1	100.1	L232308	100.1	100.1	L232636	100.2	100.2
L236310	99.9	100.1	100.1	L237398	100.1	100.2	L240751	99.8	99.8
L243497	99.7	99.4	99.4	L243815	99.7	99.7	L243896	99.7	99.7
L245208	99.7	100.0	100.0	M416413	100.0	100.2	W124775	100.2	100.2

VALUE OBTAINED

7,502.4
750,483.92
750,480.08
03.84
0.0519
0.2278
100.03
102.00
98.00
8.65
8.91
0.00
0.00
0.00
04.83
PASS

INFORMATION NEEDED

- 1 SAMPLE SIZE: N
- 2 SUM OF MEASUREMENTS
- 3 SUM OF SQUARED MEASUREMENTS
- 4 CORRECTION FACTOR (CF): SUM OF X SQUARED / N
- 5 CORRECTED SUM OF SQUARES (SS):
- 6 VARIANCE (V): SS/(N-1)
- 7 ESTIMATE OF LOT STANDARD DEVIATION S: SR OF V
- 8 SAMPLE MEAN X BAR: SUM X/N
- 9 UPPER SPECIFICATION LIMIT: U
- 10 LOWER SPECIFICATION LIMIT: L
- 11 QUALITY INDEX: QU=(U-XBAR)/S
- 12 QUALITY INDEX: QL=(XBAR-L)/S
- 13 ESTIMATE OF LOT PERCENT NCF: ABOVE U:PU
- 14 ESTIMATE OF LOT PERCENT NCF: BELOW L:PL
- 15 TOTAL ESTIMATE PERCENT NCF: IN LOT: P=PU+PL
- 16 MAXIMUM ALLOWABLE PERCENT NCF: M
- 17 ACCEPTABILITY CRITERION: COMPARE P=PU+PL WITH M
- 18 PASS: THE LOT MEETS THE ACCEPTABILITY CRITERION, IF P=PU+PL IS EQUAL TO OR LESS THAN M
- 19 FAIL: THE LOT FAILS THE ACCEPTABILITY CRITERION, IF P=PU+PL IS GREATER THAN M.



TEST RESULTS PER ANSI/ASQC Z1.9-1993  
 DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
 ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
 AQL = 2.5% - INSPECTION LEVEL II "L" - NORMAL INSPECTION

*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	
100.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
C301766	C301783	C301820	C301851	C301854	C301854	C302121	C302172	C302219	C302219	C302219	C302219	C302272	C302278	C302766	L312595	L312595	L312595	L312595	L312595	L312595	L312595	L312595
L312567	L313017	L313052	L313105	L313111	L313111	L312994	M435764	M435992	M436042	M436046	M434705	M436093	M436138	M436208	M436235	M436273	M436277	M436278	M436278	M436278	M436278	M436278
M436583	M436597	M436597	M436597	M436597	M436597	W134806	W134877	W134887	W134947	W134947	W134947	W135048	W135077	W135162	W135176	W135182	W135182	W135182	W135182	W135182	W135182	W135182
W135232	W135240	W135240	W135240	W135240	W135240	W135404	W135417	W135458	W135484	W135484	W135484	W135535	W135586	W135586	W135586	W135586	W135586	W135586	W135586	W135586	W135586	W135586
W135807	W135910	W135910	W135910	W135910	W135910	W135807	W135910	W135910	W135910	W135910	W135910	W135910	W135910	W135910	W135910	W135910	W135910	W135910	W135910	W135910	W135910	W135910

VALUE OBTAINED

1	SAMPLE SIZE: N	75
2	SUM OF MEASUREMENTS	7,509.5
3	SUM OF SQUARED MEASUREMENTS	751,919.15
4	CORRECTION FACTOR (CF): SUM OF X SQUARED / N	751,901.20
5	CORRECTED SUM OF SQUARES (SS):	17.95
6	VARIANCE (V): SS/(N-1)	0.2426
7	ESTIMATE OF LOT STANDARD DEVIATION S: SR OF V	0.4925
8	SAMPLE MEAN X BAR: SUM X/N	100.13
9	UPPER SPECIFICATION LIMIT: U	102.00
10	LOWER SPECIFICATION LIMIT: L	98.00
11	QUALITY INDEX: QU=(U-XBAR)/S	3.80
12	QUALITY INDEX: QL=(XBAR-L)/S	4.32
13	ESTIMATE OF LOT PERCENT NCF. ABOVE U:PU	0.00
14	ESTIMATE OF LOT PERCENT NCF. BELOW L:PL	0.00
15	TOTAL ESTIMATE PERCENT NCF. IN LOT: P=PU+PL	0.00
16	MAXIMUM ALLOWABLE PERCENT NCF: M	04.83
17	ACCEPTABILITY CRITERION: COMPARE P=PU+PL WITH M	PASS
18	PASS: THE LOT MEETS THE ACCEPTABILITY CRITERION, IF P=PU+PL IS EQUAL TO OR LESS THAN M	
19	FAIL: THE LOT FAILS THE ACCEPTABILITY CRITERION, IF P=PU+PL IS GREATER THAN M.	





2003 SAMPLE TEST PROGRAM (JANUARY 1, 2003 TO DECEMBER 31, 2003)  
KENTUCKY UTILITIES COMPANY  
IN-SERVICE SAMPLE METERS TESTED PASS/  
POPULATION QUANTITY 50 FAIL  
METER-TYPE LG MX 2,549 50 PASS

TEST RESULTS PER ANSI/ASQC Z1.9-1993  
DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
AQL = 2.5% - INSPECTION LEVEL II "K" - NORMAL INSPECTION

DEVIce NUMBER	AND FULL LOAD TEST ACCURACY DATA	TEST RESULTS	PER ANSI/ASQC Z1.9-1993	STANDARD DEVIATION METHOD
C324854	100.1	100.4	100.2	99.9
C324860	100.1	100.2	100.1	100.0
C325246	100.1	100.3	100.1	100.2
C325697	99.8	100.4	100.4	100.0
C391044	100.1	100.2	100.0	99.9
C391055	100.3	100.1	100.1	100.2
C391381	100.2	100.7	100.5	100.7
C391385	99.8	100.0	100.8	100.2
L292184	100.2	100.2	100.5	99.8
M442227	100.0	100.0	100.2	100.7
M442368	101.0	100.0	100.5	100.7
M442353	99.3	100.2	100.8	99.8
M442520	100.3	100.1	100.2	100.0
W143943	100.2	100.1	100.2	100.0
C324854	C324860	C324867	C325027	C325602
C325246	C390654	C325584	C325602	C391010
C391055	C391066	C390889	C391010	C391228
C391381	C391489	C391139	C391228	C391554
C391385	L292205	C391552	C391554	L292278
L292184	L292205	L292223	L292278	M442322
M442227	M442284	M442291	M442322	M442406
M442368	M442369	M442395	M442406	M442547
M442353	M442539	M442543	M442547	W144384
M442520	W144308	W144335	W144384	

INFORMATION NEEDED

- 1 SAMPLE SIZE: N
- 2 SUM OF MEASUREMENTS
- 3 SUM OF SQUARED MEASUREMENTS
- 4 CORRECTION FACTOR (CF): SUM OF X SQUARED / N
- 5 CORRECTED SUM OF SQUARES (SS):
- 6 VARIANCE (V): SS/(N-1)
- 7 ESTIMATE OF LOT STANDARD DEVIATION S: SR OF V
- 8 SAMPLE MEAN X BAR: SUM X/N
- 9 UPPER SPECIFICATION LIMIT: U
- 10 LOWER SPECIFICATION LIMIT: L
- 11 QUALITY INDEX: QU=(U-XBAR)/S
- 12 QUALITY INDEX: QL=(XBAR-L)/S
- 13 ESTIMATE OF LOT PERCENT NCF. ABOVE U:PU
- 14 ESTIMATE OF LOT PERCENT NCF. BELOW L:PL
- 15 TOTAL ESTIMATE PERCENT NCF. IN LOT: P=PU+PL
- 16 MAXIMUM ALLOWABLE PERCENT NCF: M
- 17 ACCEPTABILITY CRITERION: COMPARE P=PU+PL WITH M
- 18 PASS: THE LOT MEETS THE ACCEPTABILITY CRITERION, IF P=PU+PL IS EQUAL TO OR LESS THAN M
- 19 FAIL: THE LOT FAILS THE ACCEPTABILITY CRITERION, IF P=PU+PL IS GREATER THAN M.

VALUE OBTAINED
50
5,007.6
501,524.94
501,521.16
03.78
0.0771
0.2776
100.15
102.00
98.00
6.66
7.74
0.00
0.00
0.00
05.21
PASS

KENTUCKY UTILITIES COMPANY  
 2003 SAMPLE TEST PROGRAM (JANUARY 1, 2003 TO DECEMBER 31, 2003)  
 GROUP--NAME METER-TYPE METER--TYPE QUANTITY METERS TESTED PASS/FAIL  
 TD 001 WE TD 731 35 35 35

TEST RESULTS PER ANSI/ASQC Z1.9-1993  
 DOUBLE SPECIFICATION LIMIT - VARIABILITY UNKNOWN - STANDARD DEVIATION METHOD  
 ONE AQL VALUE FOR BOTH UPPER AND LOWER SPECIFICATION LIMIT COMBINED  
 AQL = 2.5% - INSPECTION LEVEL II "J" - NORMAL INSPECTION

DEVIATION	TEST	ACCURACY	DATA	TEST	ACCURACY	DATA	TEST	ACCURACY	DATA
M345109	99.7	M349604	100.5	M349822	100.0	M350920	100.7	M350965	100.5
M351204	99.9	M351215	100.1	M351251	100.3	M351272	100.5	M352942	100.3
M354497	99.9	M354508	99.9	M354804	100.0	M354815	99.3	M354870	99.9
M362184	99.3	M362203	100.2	M371749	100.1	M372221	100.2	M372234	100.0
M372703	100.2	M372759	100.3	M372956	100.4	M373002	99.7	M373379	100.1
M373445	100.2	M374089	100.0	M374196	100.1	M374275	100.2	M374280	100.0
M380038	99.9	M386144	100.0	M387158	100.4	M426231	100.1	M426296	100.5

VALUE OBTAINED

- SAMPLE SIZE: N 35
- SUM OF MEASUREMENTS 3,503.4
- SUM OF SQUARED MEASUREMENTS 350,683.54
- CORRECTION FACTOR (CF): SUM OF X SQUARED / N 350,680.33
- CORRECTED SUM OF SQUARES (SS): 03.21
- VARIANCE (V): SS/(N-1) 0.0944
- ESTIMATE OF LOT STANDARD DEVIATION S: SR OF V 0.3072
- SAMPLE MEAN X BAR: SUM X/N 100.10
- UPPER SPECIFICATION LIMIT: U 102.00
- LOWER SPECIFICATION LIMIT: L 98.00
- QUALITY INDEX: QU=(U-XBAR)/S 6.18
- QUALITY INDEX: QL=(XBAR-L)/S 6.84
- ESTIMATE OF LOT PERCENT NCF. ABOVE U:PU 0.00
- ESTIMATE OF LOT PERCENT NCF. BELOW L:PL 0.00
- TOTAL ESTIMATE PERCENT NCF. IN LOT: P=PU+PL 0.00
- MAXIMUM ALLOWABLE PERCENT NCF: M 05.58
- ACCEPTABILITY CRITERION: COMPARE P=PU+PL WITH M PASS
- THE LOT MEETS THE ACCEPTABILITY CRITERION, IF P=PU+PL IS EQUAL TO OR LESS THAN M
- THE LOT FAILS THE ACCEPTABILITY CRITERION, IF P=PU+PL IS GREATER THAN M.

2003 GROUP	SAMPLE NAME	TEST METER-TYPE	KENTUCKY UTILITIES PROGRAM (JANUARY 1, IN-SERVICE POPULATION)	COMPANY 2003 TO DECEMBER 31, SAMPLE QUANTITY	2003 PASS/FAIL
AB1	001	AB AB1	10,000	75	PASS
AB1	002	AB AB1	2,843	50	PASS
AXR	001	SM AXR	23	04	PASS
C	001	WE C	42	05	PASS
C1	001	SA C1	2,003	35	PASS
D	001	WE D	527	03	PASS
D2	001	WE D2	03	03	PASS
D4	001	WE D4	10,000	75	PASS
D4	002	WE D4	10,000	75	PASS
D4	003	WE D4	10,000	75	PASS
D4	004	WE D4	1,777	15	PASS
D5	001	WE D5	563	35	PASS
I30	001	GE I30	161	15	PASS
I50	001	GE I50	2,955	50	PASS
I55	001	GE I55	3,020	50	PASS
I60	001	GE I60	10,000	75	PASS
I60	002	GE I60	10,000	75	PASS
I60	003	GE I60	10,000	75	PASS
I60	004	GE I60	8,380	75	PASS
I70	001	GE I70	10,000	75	PASS
I70	002	GE I70	10,000	75	PASS
I70	003	GE I70	10,000	75	PASS
I70	004	GE I70	10,000	75	PASS
I70	005	GE I70	10,000	75	PASS
I70	006	GE I70	10,000	75	PASS
I70	007	GE I70	10,000	75	PASS
I70	008	GE I70	10,000	75	PASS
I70	010	GE I70	10,000	75	PASS
I70	011	GE I70	10,000	75	PASS
I70	012	GE I70	10,000	75	PASS
I70	013	GE I70	7,030	75	PASS
J	001	SA J	900	35	PASS
J2	001	SA J2	1,521	50	PASS
J3	001	SA J3	10,000	75	PASS
J3	002	SA J3	852	75	PASS
J4	001	SA J4	10,000	75	PASS
J4	002	SA J4	10,000	75	PASS
J4	003	SA J4	1,453	50	PASS
J4E	001	SA J4E	139	10	PASS
J5	001	SA J5	10,000	75	PASS
J5	002	SA J5	10,000	75	PASS
J5	003	SA J5	10,000	75	PASS
J5	004	SA J5	10,000	75	PASS
J5	005	SA J5	10,000	75	PASS
J5	006	SA J5	10,000	75	PASS
J5	007	SA J5	10,000	75	PASS
J5	008	SA J5	10,000	75	PASS
J5	009	SA J5	10,000	75	PASS
J5	010	SA J5	10,000	75	PASS
J5	011	SA J5	10,000	75	PASS

KENTUCKY UTILITIES COMPANY  
 2003 SAMPLE TEST PROGRAM (JANUARY 1, 2003 TO DECEMBER 31, 2003)

GROUP	SAMPLE	TEST	METER-TYPE	POPULATION	IN-SERVICE	QUANTITY	METERS TESTED	2003
J5	012	SA	J5	10,000	10,000	75	75	PASS
J5	013	SA	J5	10,000	10,000	75	75	PASS
J5	014	SA	J5	1,579	1,579	50	50	PASS
MK	001	DU	MK	1,147	1,147	35	35	PASS
MQ	001	DU	MQ	5,958	5,958	75	75	PASS
MS	001	DU	MS	10,000	10,000	75	75	PASS
MS	002	DU	MS	9,398	9,398	75	75	PASS
MSII	001	DU	MSII	10,000	10,000	75	75	PASS
MSII	002	DU	MSII	10,000	10,000	75	75	PASS
MSII	003	DU	MSII	10,000	10,000	75	75	PASS
MSII	004	LG	MSII	3,251	3,251	75	75	PASS
MX	001	LG	MX	10,000	10,000	75	75	PASS
MX	002	LG	MX	2,549	2,549	50	50	PASS
TD	001	WE	TD	731	731	35	35	PASS
				457,205	457,205	4,037	4,033	65
				TOTAL LOTS PASSED:				00
				TOTAL LOTS FAILED:				04
				METERS CAN NOT TEST:				



Cinergy Corp.  
424 Gest Street, Rm 309  
Cincinnati, OH 45203

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**CINERGY**

April 2, 2004

Thomas M. Dorman  
Executive Director  
Public Service Commission of Kentucky  
211 Sower Boulevard  
P.O. Box 615  
Frankfort, KY 40602-0615

RE: Cinergy-ULH&P 2002 Meter Test Report, Case No. 1999-441

Dear Mr. Dorman:

Pursuant to the Commissions's Order in the above case for the Revised Amended Sample Meter Pilot Testing Plan, please find enclosed Cinergy-ULH&P's annual meter test report. If you have any questions, please do not hesitate to contact me.

Very truly yours,

*Charlie T. Ploeger*

Charlie T. Ploeger  
Supervisor  
Meter Operations Services  
(513) 287-5751  
E-mail: [Charlie.Ploeger@cinergy.com](mailto:Charlie.Ploeger@cinergy.com)

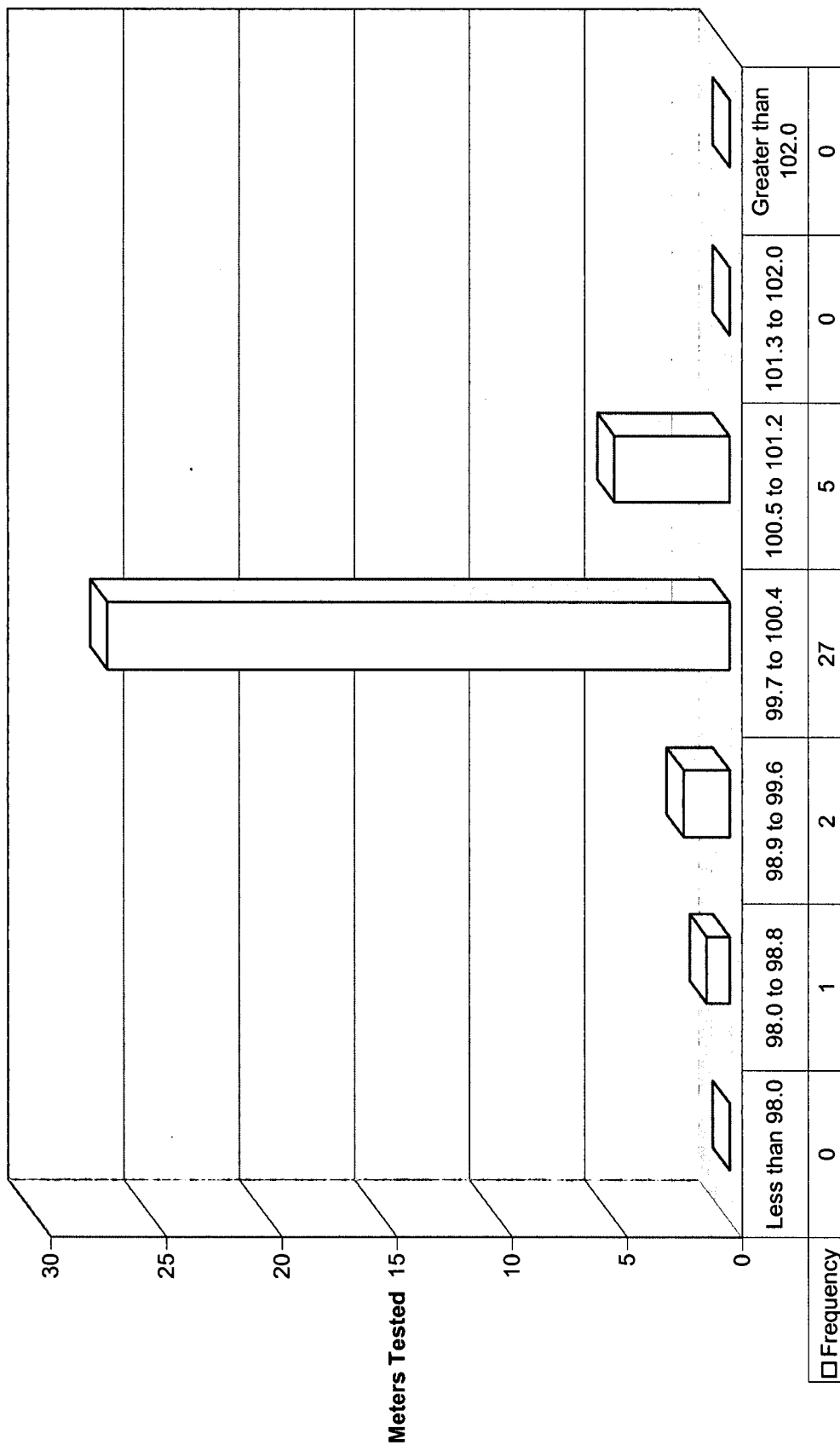
Enclosures

**Contents:**

- 1. Certified Test Results of All New Meters Received**
- 2. Summary Report and Analysis for Each Sample Test Group**



# 2003 Westinghouse D2S Group AA



Meters Tested

Test Range

Frequency

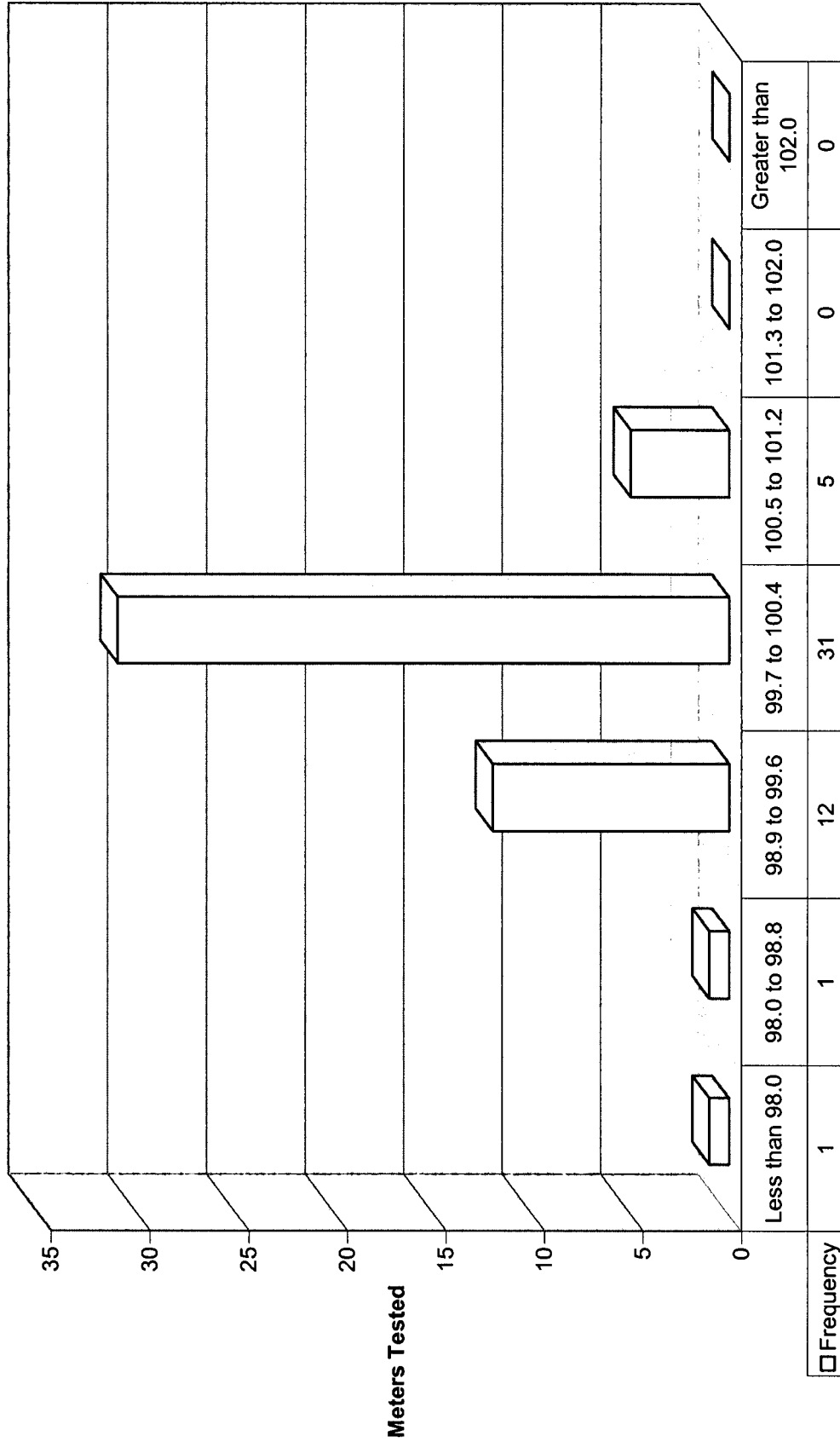
Group Name: AA
Meter Type: Westinghouse D2S

Serial Number	Mfg Type	Avg As Found
036877938	D2S	99.9
039352702	D2S	99.9
040306189	D2S	100.3
042298091	D2SH	99.9
042394273	D2SH	99.7
042996089	D2SH	100.1
043195378	D2SH	100.4
043292313	D2SH	100.2
043492456	D2SH	100.4
043595745	D2SH	100.1
044588635	D2SH	99.6
044790311	D2SH	99.9
044798560	D2SH	100.1
045393464	D2SH	100.1
045399135	D2SH	100.5
045399165	D2SH	99.7
045888350	D2SH	100.6
045897584	D2SH	98.7
045993471	D2SH	100.6
046387260	D2SH	100.4
046593176	D2SH	100.8
051206462	D2SH	99.8
051226274	D2SH	100.4
051336664	D2SH	99.8
051527178	D2SH	100.3
051548271	D2SH	100.2
051548299	D2SH	100
051548846	D2SH	99.4
051553980	D2SH	99.7
051555436	D2SH	100.1
051555445	D2SH	100.1
051555457	D2SH	100.4
051555484	D2SH	100.5
055183853	D2SH	100
063835030	D2S	100.3

Test Accuracy Summary	Frequency
Less than 98.0	0
98.0 to 98.8	1
98.9 to 99.6	2
99.7 to 100.4	27
100.5 to 101.2	5
101.3 to 102.0	0
Greater than 102.0	0

Meters installed in group 1/1/2003:	897
Number of meters tested:	35
Group status (pass/fail):	Pass

# 2003 Westinghouse D3S Group AE



Meters Tested

Test Range

Frequency

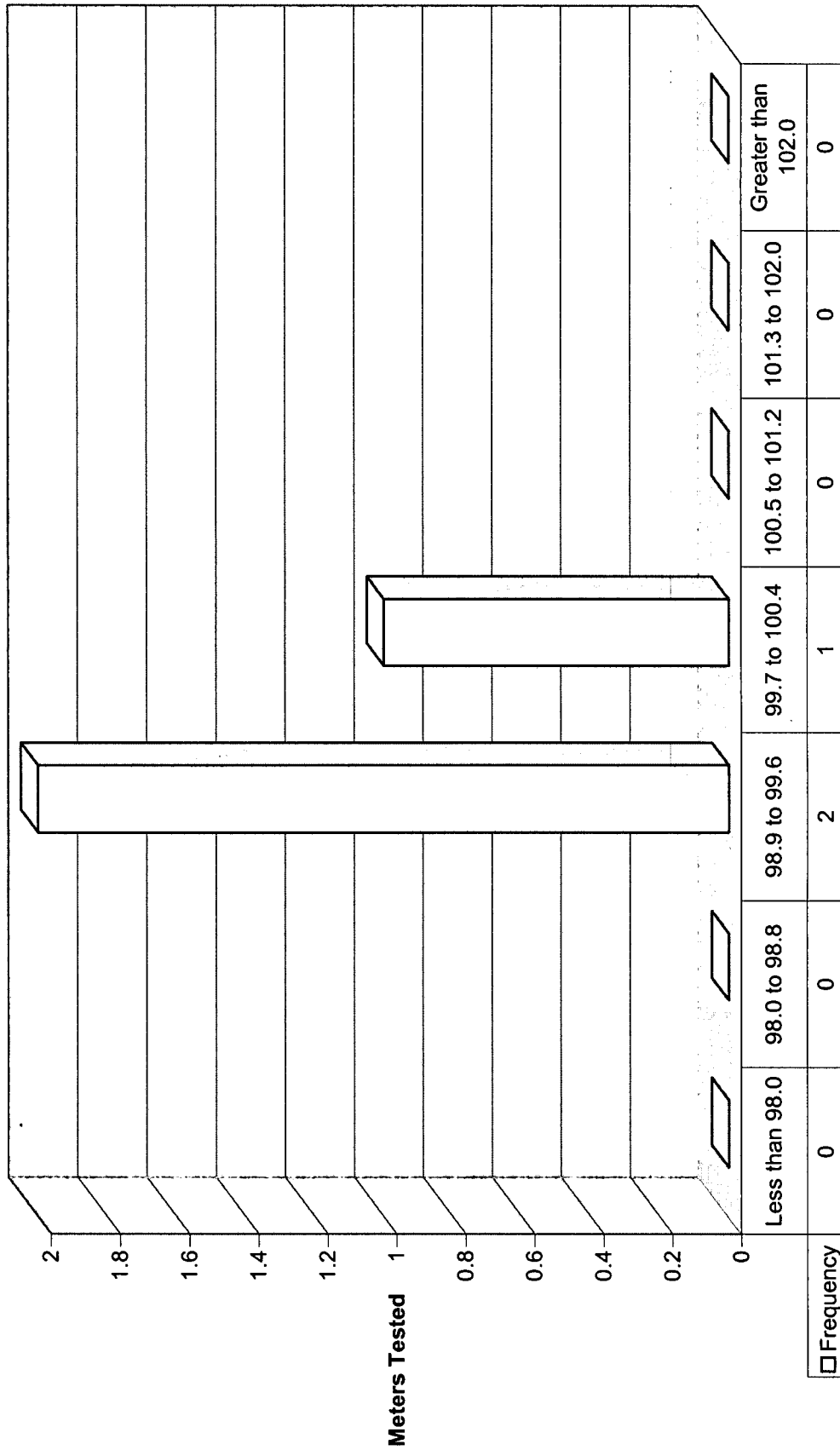
Group Name: AE
Meter Type: Westinghouse D3S

Serial Number	Mfg Type	Avg As Found
043343018	D3S	96.1
044214580	D3S	100.4
044216268	D3S	100.3
044269516	D3S	100.1
044269941	D3S	100.2
044270070	D3S	99.3
044274414	D3S	100
044274757	D3S	99.8
044274961	D3S	99.6
044450198	D3S	100.7
044643893	D3S	100.1
044651933	D3S	99.9
044815890	D3S	100.3
045581311	D3S	99.5
045647338	D3S	100.2
047120537	D3S	99.7
047122207	D3S	99.9
047123069	D3S	100.3
047123396	D3S	100.5
047231924	D3S	100.8
047236766	D3S	100.6
047428373	D3S	100.4
047459186	D3S	100.1
047462322	D3S	100
047633553	D3S	100.4
047636348	D3S	99.9
047821470	D3S	100.2
047829241	D3S	100.2
047831418	D3S	99.9
047837070	D3S	100.1
047924398	D3S	100
047924398	D3S	100
047936037	D3S	99.4
048053733	D3S	100.4
048056342	D3S	99.5
048330754	D3S	100.4
048433917	D3S	100.5
048449891	D3S	100
048538678	D3S	99.5
048552523	D3S	99.1
048555650	D3S	99.3
048746011	D3S	99.5
048746013	D3S	99.4
048746095	D3S	99.6
048746402	D3S	98.7
048834315	D3S	99.7
048834878	D3S	99.8
049234241	D3S	100
049310518	D3S	99.6
049314241	D3S	99.9

Test Accuracy Summary	Frequency
Less than 98.0	1
98.0 to 98.8	1
98.9 to 99.6	12
99.7 to 100.4	31
100.5 to 101.2	5
101.3 to 102.0	0
Greater than 102.0	0

Meters installed in group 1/1/2003:	1,495
Number of meters tested:	50
Group status (pass/fail):	Pass

# 2003 Westinghouse CA Group AM



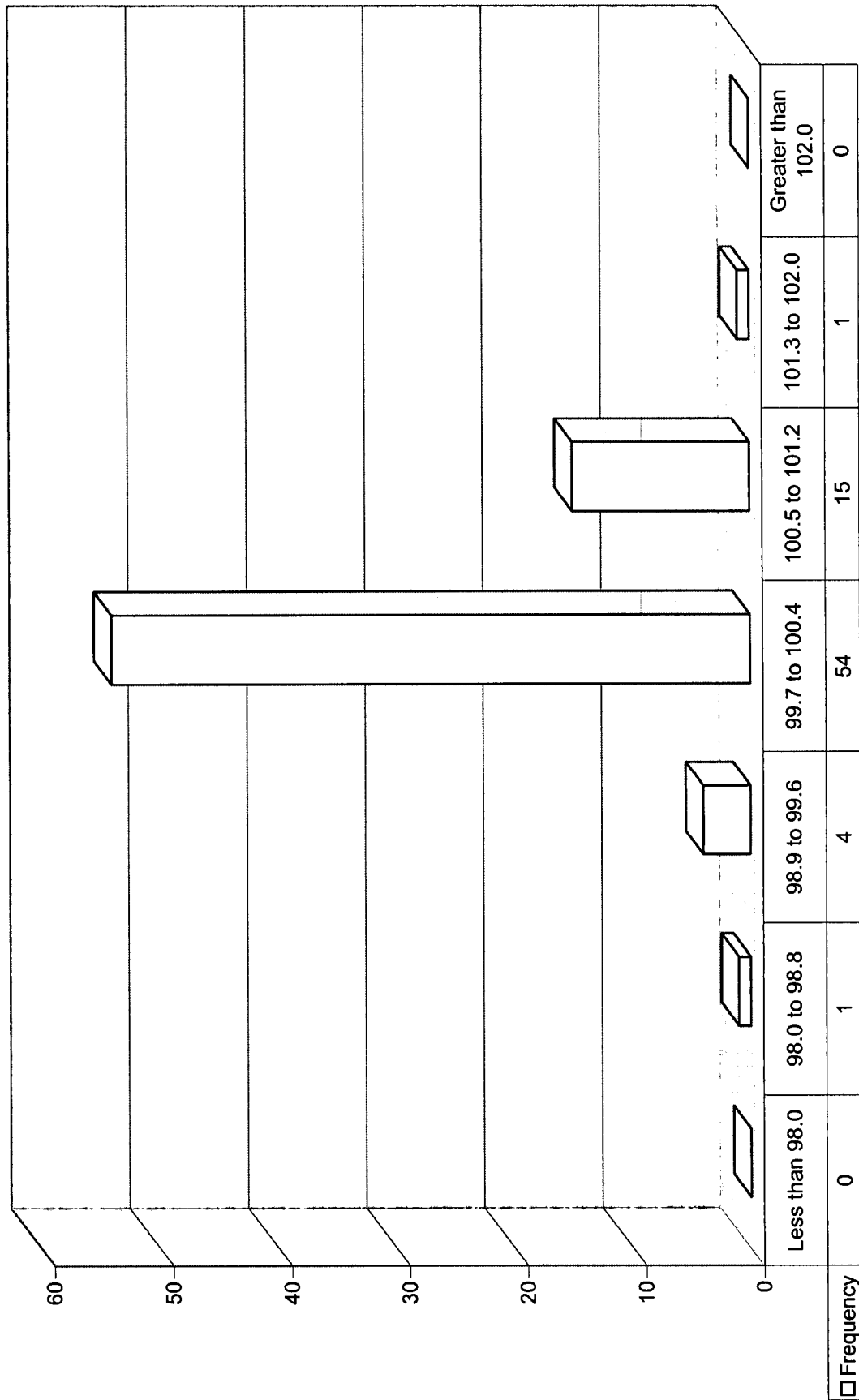
Group Name: AM
Meter Type: Westinghouse CA

Serial Number	Mfg Type	Avg As Found
018795909	CS	99.4
021402249	CS	99.4
028645966	CS	99.9

Test Accuracy Summary	Frequency
Less than 98.0	0
98.0 to 98.8	0
98.9 to 99.6	2
99.7 to 100.4	1
100.5 to 101.2	0
101.3 to 102.0	0
Greater than 102.0	0

Meters installed in group 1/1/2003:	11
Number of meters tested:	3
Group status (pass/fail):	Pass

# 2003 Westinghouse D4S Group AU



Group Name: AU
Meter Type: Westinghouse D4S

Serial Number	Mfg Type	Avg As Found
024289696	D4S	100.1
052155676	D4S	100.5
053027162	D4S	100.2
054759992	D4S	101.3
055041063	D4S	99.4
055633395	D4S	100.5
055835189	D4S	100.7
055836589	D4S	100.5
055836668	D4S	100.1
056179257	D4S	100
056216825	D4S	101.2
056216902	D4S	100.1
056231619	D4S	100.2
056306417	D4S	100.2
056905995	D4S	100.5
056939029	D4S	100.2
057138957	D4S	100.2
057228074	D4S	100.3
057228127	D4S	100.3
057543429	D4S	100
057551591	D4S	99.8
058910651	D4S	100.5
058930036	D4S	100
059239736	D4S	100
059308066	D4S	99.9
059308142	D4S	101
059308168	D4S	99.9
059309076	D4S	100.7
059309318	D4S	100.4
059405554	D4S	100.4
060904963	D4S	100.1
061417772	D4S	100
061430308	D4S	100.6
062249365	D4S	100.5
062327800	D4S	100.6
062435708	D4S	100
062436436	D4S	100.3
062616475	D4S	100.6
062709699	D4S	100.2
063206200	D4S	100
063543855	D4S	99.7
063821341	D4S	100
064013826	D4S	100
064159689	D4S	100.1
064201009	D4S	100.4
064204312	D4S	100.3
064830939	D4S	100

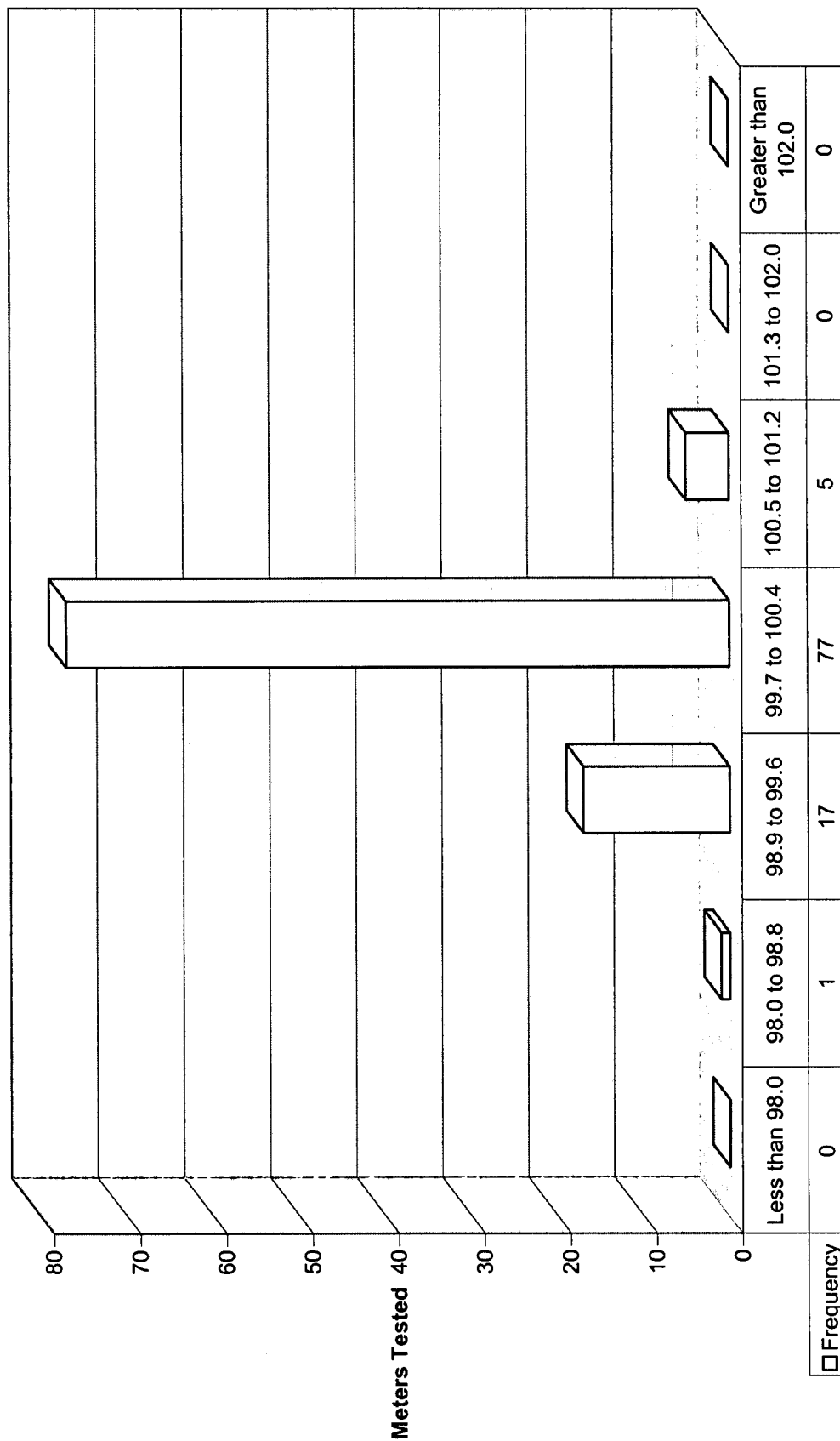
Test Accuracy Summary	Frequency
Less than 98.0	0
98.0 to 98.8	1
98.9 to 99.6	4
99.7 to 100.4	54
100.5 to 101.2	15
101.3 to 102.0	1
Greater than 102.0	0

Meters installed in group 1/1/2003:	8,418
Number of meters tested:	75
Group status (pass/fail):	Pass



064832065	D4S	100.1
064832074	D4S	100.2
064934468	D4S	100.4
065002300	D4S	100.3
065004550	D4S	100.8
065320625	D4S	100.4
065411806	D4S	100.2
065733946	D4S	99.9
066024591	D4S	100
066213147	D4S	100.1
066321086	D4S	100.1
066523741	D4S	100.8
066524029	D4S	100.4
066716682	D4S	99.9
066925000	D4S	100.2
067202821	D4S	99.7
067220959	D4S	99.8
067312253	D4S	99.7
067322858	D4S	100
068004592	D4S	99.9
068117621	D4S	100.2
068527972	D4S	99.9
068722734	D4S	99.3
068722918	D4S	98.2
069337819	D4S	99.6
070101161	D4S	99.8
070101665	D4S	99.9
070101943	D4S	99.5

# 2003 Ducan MS Group BS



Meters Tested

Frequency

Test Range

Group Name: BS
Meter Type: Duncan MS

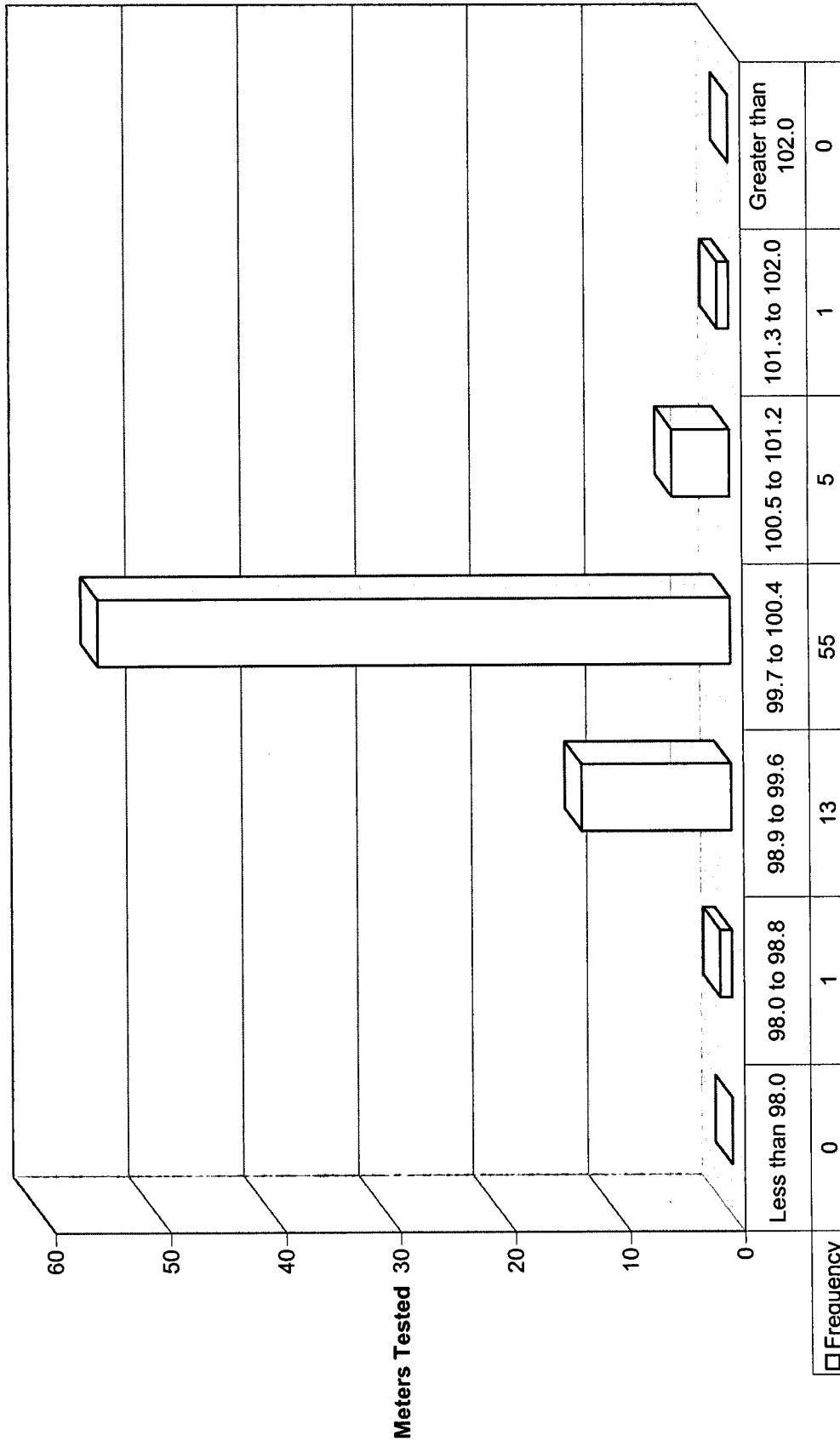
Serial Number	Mfg Type	Avg As Found
015046471	MS	100.3
015152792	MS	99.9
015544269	MS	100
015607316	MS	100.2
016110470	MS	99.8
016786662	MS	99.6
017143479	MS	100
017210082	MS	100.4
017212166	MS	98.1
017212167	MS	99.7
017523402	MS	99.9
017588962	MS	99.6
017589641	MS	100
018021212	MS	99.9
018024663	MS	99.3
018096494	MS	99.9
018219267	MS	100
018220135	MS	99.2
018253984	MS	99.9
018272363	MS	99.9
018281056	MS	100
018317533	MS	100.7
019407914	MS	99.7
019410918	MS	100.2
019410983	MS	99.9
019497214	MS	99.2
019547390	MS	100.2
019547544	MS	100.3
019547701	MS	99.6
019556110	MS	100.3
019584640	MS	99.7
020176486	MS	99.9
020258377	MS	99.6
021410775	MS	99.4
021611964	MS	100.4
021885148	MS	99.7
022074692	MS	100.1
022074692	MS	100.2
022075870	MS	99.9
022382636	MS	100
022479446	MS	100.6
022479646	MS	99.7
022482587	MS	100.1
022574864	MS	99.2
022601971	MS	99.6
022752075	MS	99.9
022908127	MS	99.9
022926787	MS	100
022927904	MS	99.7
022927916	MS	99.8

Test Accuracy Summary	Frequency
Less than 98.0	0
98.0 to 98.8	1
98.9 to 99.6	17
99.7 to 100.4	77
100.5 to 101.2	5
101.3 to 102.0	0
Greater than 102.0	0

Meters installed in group 1/1/2003:	13,246
Number of meters tested:	100
Group status (pass/fail):	Pass

022927966	MS	100.4
023179474	MS	100.2
023179492	MS	100
023545531	MS	99.8
023581739	MS	100.1
023582417	MS	100.5
023622092	MS	100.4
023860412	MS	100.4
023860421	MS	99.6
023860434	MS	100.5
023862598	MS	100.1
023862805	MS	99.9
023862820	MS	99.9
024186719	MS	99.3
024270558	MS	100.2
024271998	MS	100.3
024289558	MS	100.2
024289569	MS	100.2
024289696	MS	100.1
024326128	MS	100.1
024491122	MS	100.2
024515906	MS	100.3
024518260	MS	99.9
026558631	MS	99.7
026558829	MS	99.9
026767077	MS	99.3
026773346	MS	100.1
026778164	TMS2S	99.9
026836114	MS	100.7
026868238	TMS2SE	99.7
026900976	MS	99.4
027066654	TMS2S	99.5
027122960	MS	99.8
027425290	MS	100.1
027674526	MS	100.3
028032085	TMS2S	99.9
028921744	MS	100.3
029329498	MS	99.5
030039864	TMS2SE	100
030040420	TMS2SE	100.1
030558407	TMS2S	100.2
030770738	MS	99.7
030823938	TMS2S	100.1
031703975	TMS2S	100.1
032629472	TMS2S	100
032629588	TMS2S	100
032629732	TMS2S	99.8
037407187	MS	100.4
039385259	MS	100.2
064240490	MS	99.4

# 2003 Duncan MQS Group BU



Meters Tested

Test Range

□ Frequency

Group Name: BU
Meter Type: Duncan MQS

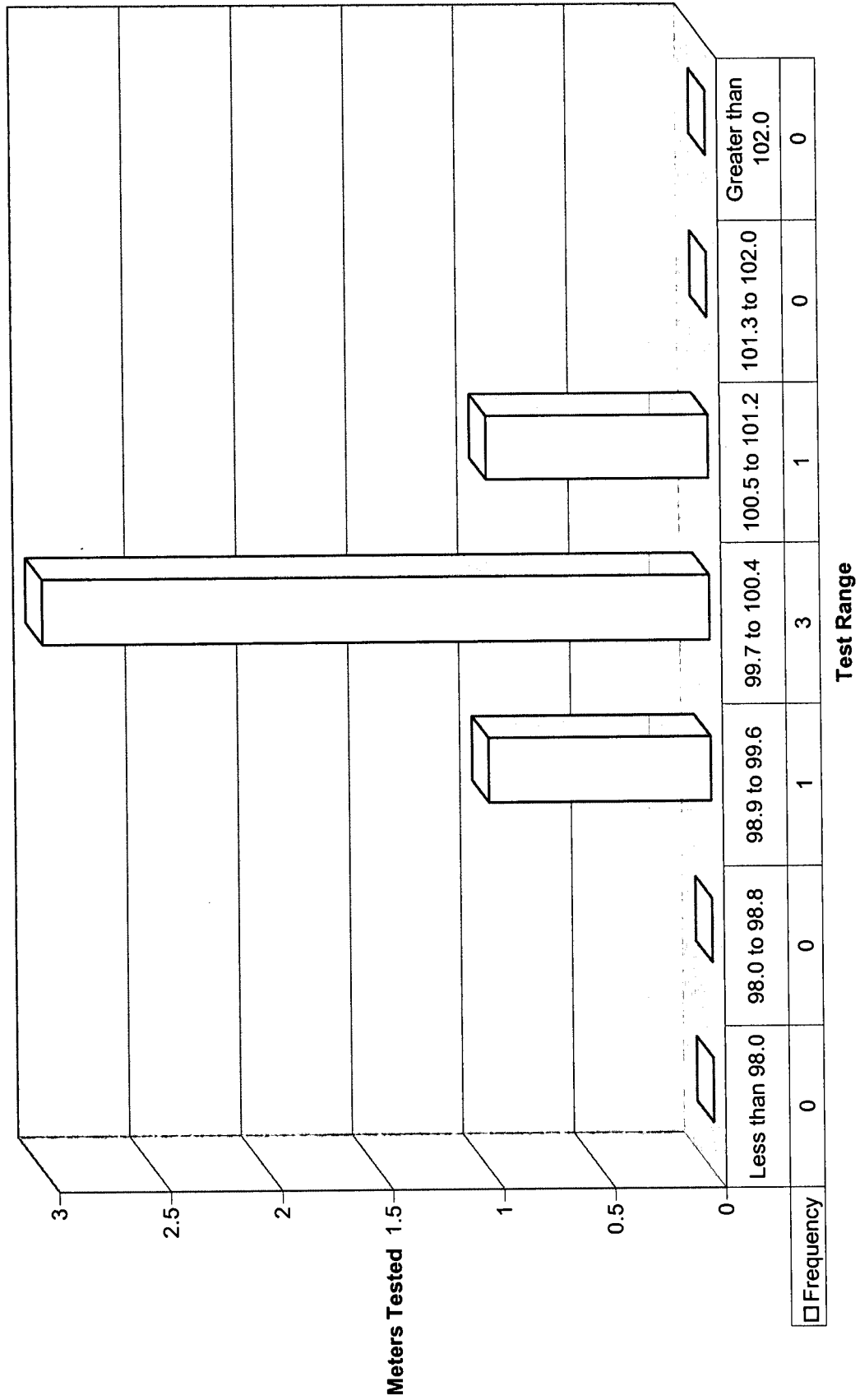
Serial Number	Mfg Type	Avg As Found
007565670	MKA	100.2
009336440	MKS	99.7
010036345	MQS	100
010117171	MQS	100.5
010117853	MQS	100.6
010215620	MQS	100.1
010301836	MQS	100.1
010429428	MQS	99.8
010441001	MQS	100
010493991	MQS	99.6
010535709	MQS	100.8
010535709	MQS	101.5
010567882	MQS	100.3
010653604	MQS	99.6
010772590	MQS	99.7
010987524	MQS	100.1
010988266	MQS	99.7
011213066	MQS	100.7
011277456	MQS	99.3
011362397	MQS	99.1
011362766	MQS	99.5
011377236	MQS	100.2
011377715	MQS	99.5
011379572	MQS	100
011466039	MQS	99.9
011468687	MQS	100.2
011487489	MQS	100.2
011679382	MQS	100.2
011715614	MQS	100.2
011723913	MQS	100.4
011733661	MQS	100.4
011930256	MQS	100.2
012039803	MQS	98
012085149	MQS	99.9
012085873	MQS	99.9
012086428	MQS	100.1
012087320	MQS	99.7
012089898	MQS	99.9
012090205	MQS	99.9
012325611	MQS	99.2
012370875	MQS	100.3
012391042	MQS	100.2
012391573	MQS	100.2
012392118	MQS	99.9
012395976	MQS	99.8
012480269	MQS	99.5
012695470	MQS	100.2
012695827	MQS	100.2

Test Accuracy Summary	Frequency
Less than 98.0	0
98.0 to 98.8	1
98.9 to 99.6	13
99.7 to 100.4	55
100.5 to 101.2	5
101.3 to 102.0	1
Greater than 102.0	0

Meters installed in group 1/1/2003:	3,408
Number of meters tested:	75
Group status (pass/fail):	Pass

013015959	MQS	100.1
013017617	MQS	99.3
013018899	MQS	100
013050054	MQS	100.2
013201256	MQS	100.1
013261399	MQS	99.6
013288967	MQS	99.4
013292599	MQS	99.9
013335201	MQS	100
013339634	MQS	99.8
013339702	MQS	99.4
013341528	MQS	100.6
013504852	MQS	100.2
013828296	MQS	99.9
013909115	MQS	100.4
013909136	MQS	100
013909145	MQS	100.3
013930831	MQS	100.3
014274939	MQS	100
014275067	MQS	99.8
014281657	MQS	99.3
014287741	MQS	100
014294742	MQS	99.7
014311520	MQS	99.9
019411197	MQS	99.9
029277342	MQS	99.9
095458525	MQS	99.9

# 2003 Ducan MFS Group CC





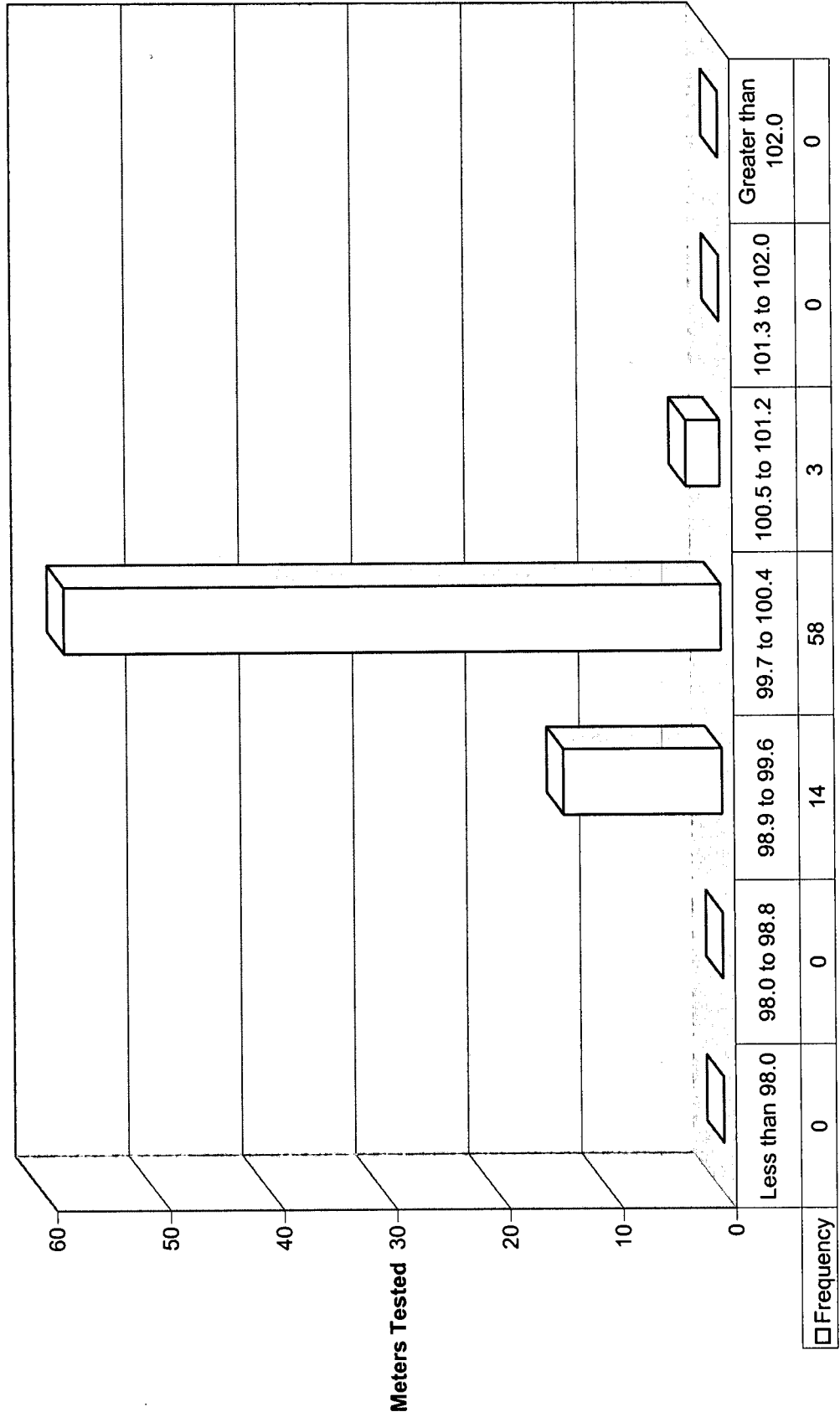
Group Name: CC
Meter Type: Duncan MFS

Serial Number	Mfg Type	Avg As Found
019580593	MFS	99.6
053818385	MFS	100.6
058864613	MFS	100
058950692	MFS	100.1
059223431	MFS	100.3

Test Accuracy Summary	Frequency
Less than 98.0	0
98.0 to 98.8	0
98.9 to 99.6	1
99.7 to 100.4	3
100.5 to 101.2	1
101.3 to 102.0	0
Greater than 102.0	0

Meters installed in group 1/1/2003:	29
Number of meters tested:	5
Group status (pass/fail):	Pass

# 2003 GE I60S Group CG



Group Name: CG
Meter Type: GE I60S

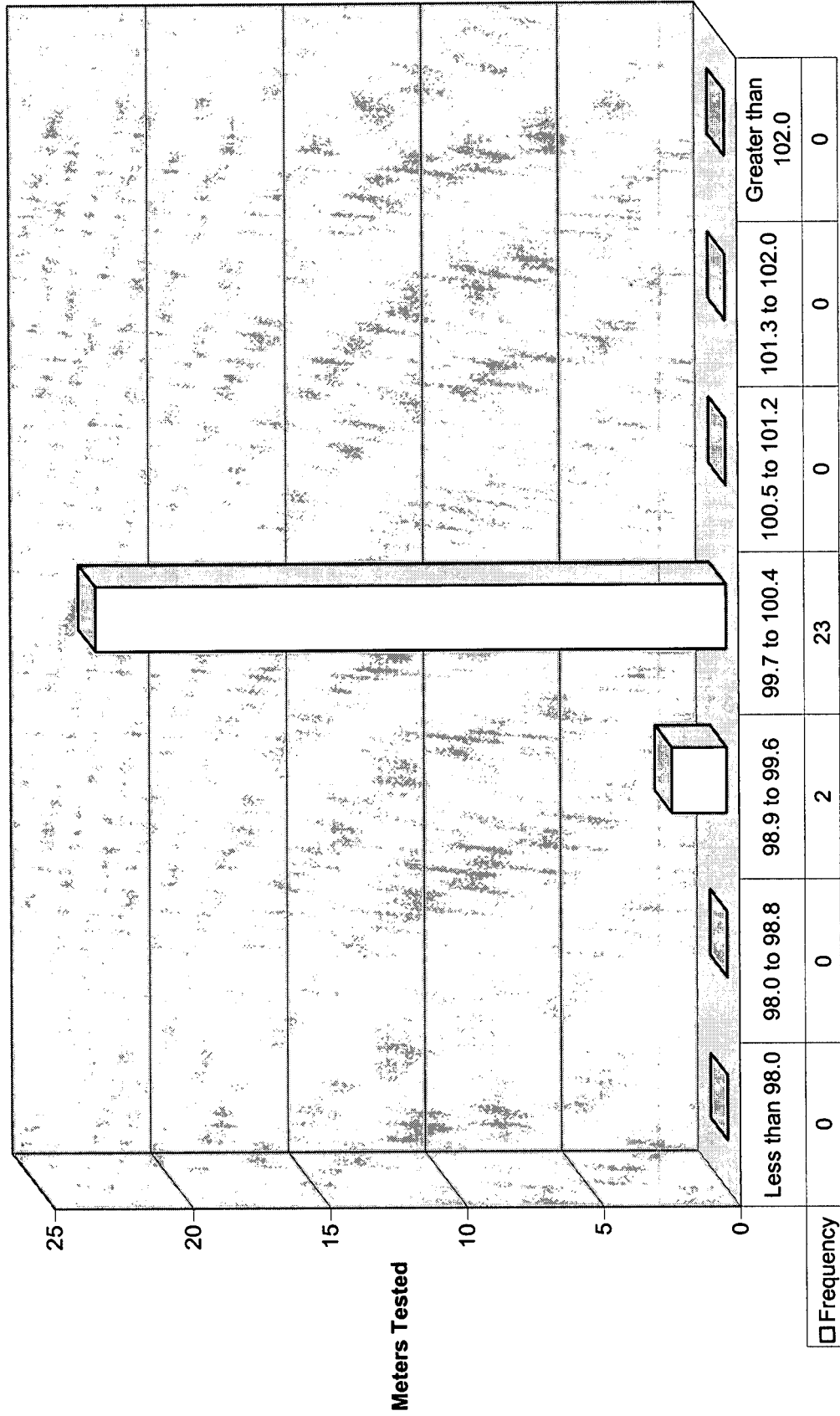
Serial Number	Mfg Type	Avg As Found
017210091	I60S	100.5
027370610	I55S	99.5
029277389	I55S	100.2
029622938	I50S	99.9
029813579	I50S	99.8
031609018	I50S	99.7
032430257	I50S	99.8
032798851	I50S	100.1
032975107	I50S	100.2
033493248	I50A	100.5
033717471	I50S	99.8
033818358	I50S	99.9
033853061	I50S	100.1
034181556	I50S	99.7
034184666	I50S	100.2
035325732	I55S	99.4
035392342	I55S	100.7
036367080	I55S	100.1
036417822	I55S	99.9
036419769	I55S	99.9
036419898	I55S	100.2
036419898	I55S	100.3
036430148	I55S	99.6
036430499	I55S	100.1
036845818	I55S	100.1
036866067	I55S	99.7
036967954	I55S	100.1
037028285	I55S	99.8
037213735	I50A	100.2
037246578	I50A	100.3
037410391	I55S	100
037414259	I55S	99.9
037414647	I55S	100
037457769	I55S	100.1
037491752	I55S	99.7
037498421	I55S	99.6
037522558	I55S	99.6
037543619	I55S	100
037551517	I55S	100.2
037559597	I55S	100.1
037623145	I55S	99.8
037673741	I50A	100.2
037833740	I55S	100.2
037924542	I55S	99.6
039137001	I50A	100
039228330	I55S	99.6
039391825	I55S	99.2
039392575	I55S	100

Test Accuracy Summary	Frequency
Less than 98.0	0
98.0 to 98.8	0
98.9 to 99.6	14
99.7 to 100.4	58
100.5 to 101.2	3
101.3 to 102.0	0
Greater than 102.0	0

Meters installed in group 1/1/2003:	3,685
Number of meters tested:	75
Group status (pass/fail):	Pass

040792494	I55S	99.6
040928881	I55S	99.8
042091481	I55S	100.1
042603754	I60S	99.4
043288303	I60S	100.1
043648558	I60S	100.1
045615824	I60S	99.8
046286930	I60S	99.4
047336305	I60S	99.9
047351790	I60S	100.2
047556755	I60S	99.8
047563924	I60S	100
047575724	I60S	100.1
047593501	I60S	100.1
047624454	I60S	99.9
048552235	I60S	99.6
048553819	I60S	99.8
048557684	I60S	99.9
048623299	I60S	99.8
048686231	I60S	100.1
048687639	I60S	99.9
048805955	I60S	99.6
048844938	I60S	99.9
048914630	I60S	99.9
048958807	I60S	99.9
048958903	I60S	99.5
048966201	I60S	99.9

# 2003 GE V612S Group CK



Meters Tested

Test Range

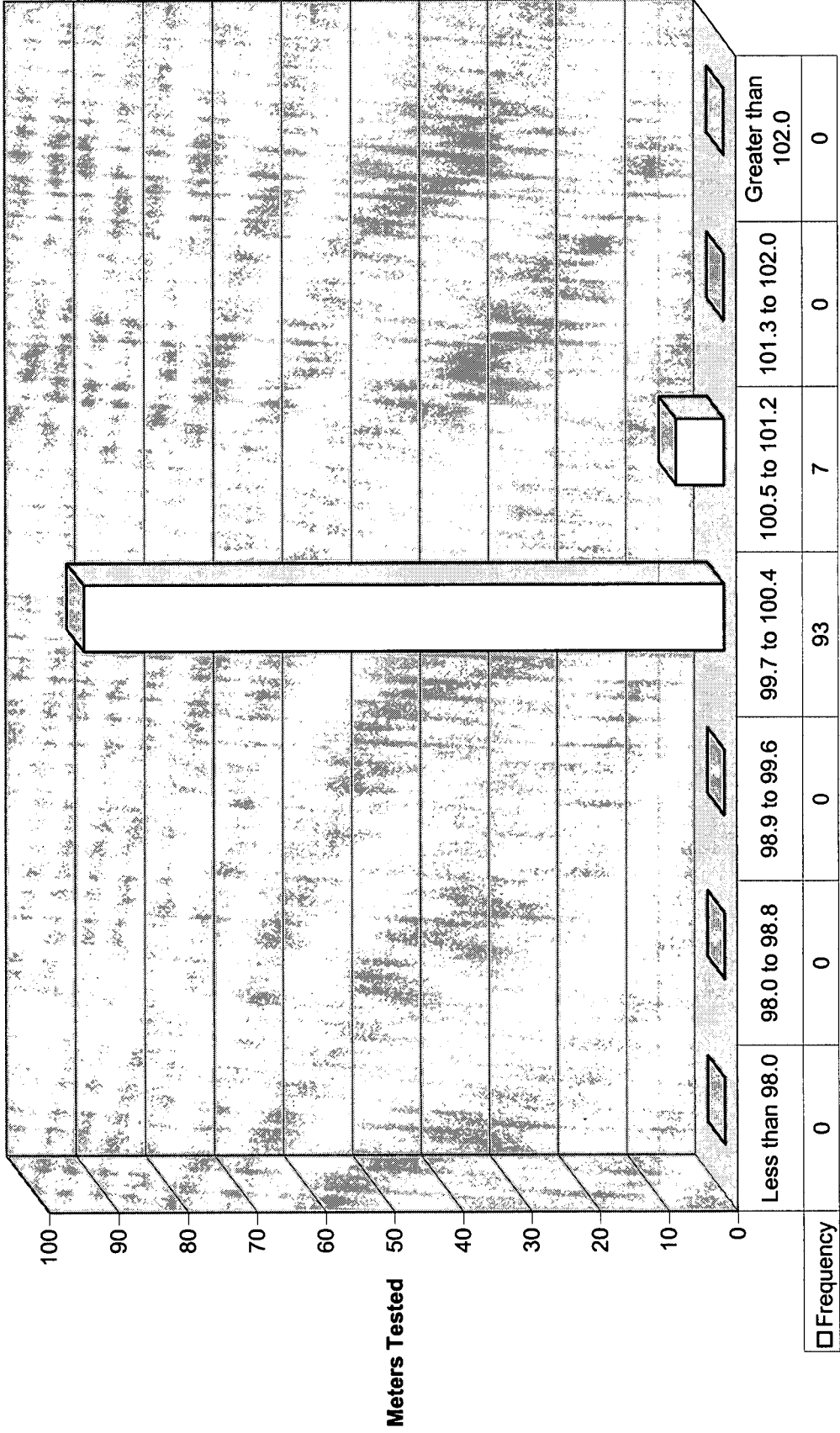
<b>Group Name: CK</b>
<b>Meter Type: General Electric V612S</b>

Serial Number	Mfg Type	Avg As Found
050279748	V612S	100.2
050289435	V612S	100.4
050392381	V612S	100.4
062031307	V612S	100.3
062233172	V612S	99.7
064384950	V612S	100.1
069009309	V612S	99.9
069015420	V612S	100.2
072613976	V612S	99.9
072615788	V612S	100
072616106	V612S	99.7
072625986	V612S	100
072626017	V612S	100
072626019	V612S	100.2
072626113	V612S	99.5
072628916	V612S	99.5
072631425	V612S	99.9
072631606	V612S	99.7
072671887	V612S	99.9
072695046	V612S	100
072732739	V612S	99.7
072732887	V612S	100
072733672	V612S	100.1
087050401	V612S	100.2
087050419	V612S	100.3

Test Accuracy Summary	Frequency
Less than 98.0	0
98.0 to 98.8	0
98.9 to 99.6	2
99.7 to 100.4	23
100.5 to 101.2	0
101.3 to 102.0	0
Greater than 102.0	0

Meters installed in group 1/1/2003:	402
Number of meters tested:	25
Group status (pass/fail):	Pass

# 2003 GE I70S Group DD2



<b>Group Name: DD2</b>
<b>Meter Type: General Electric I70S</b>

Serial Number	Mfg Type	Avg As Found
083210090	I70S	100.1
083210111	I70S	99.9
083210448	I70S	100
083210509	I70S	100.2
083210954	I70S	99.7
083212768	I70S	100.1
083212835	I70S	100
083213598	I70S	100
083213641	I70S	100.1
083213651	I70S	99.9
083213888	I70S	100
083214103	I70S	100
084931968	I70S	100.1
084932991	I70S	100.1
084933205	I70S	100.1
084935694	I70S	100.3
084936194	I70S	100.1
084936661	I70S	99.9
084938496	I70S	100.3
086759549	I70S	100.1
086759555	I70S	100.2
086922982	I70S	100.2
086923099	I70S	100.1
087183019	I70S	100.1
089039282	I70S	99.9
089039303	I70S	100.1
089039350	I70S	100.4
089107761	I70S	100.2
089203282	I70S	100.5
089205155	I70S	100.5
089206336	I70S	100.2
089207894	I70S	99.7
090638983	I70S	99.8
090639378	I70S	100
090758814	I70S	99.9
090760493	I70S	99.8
090760980	I70S	99.7
090762575	I70S	99.9
090762604	I70S	99.8
090763878	I70S	100.4
090764095	I70S	99.9
090764320	I70S	100.2
090764322	I70S	100.2
090764332	I70S	99.9
091856152	I70S	99.8
091857224	I70S	100.6
091857490	I70S	99.8
091857987	I70S	99.9

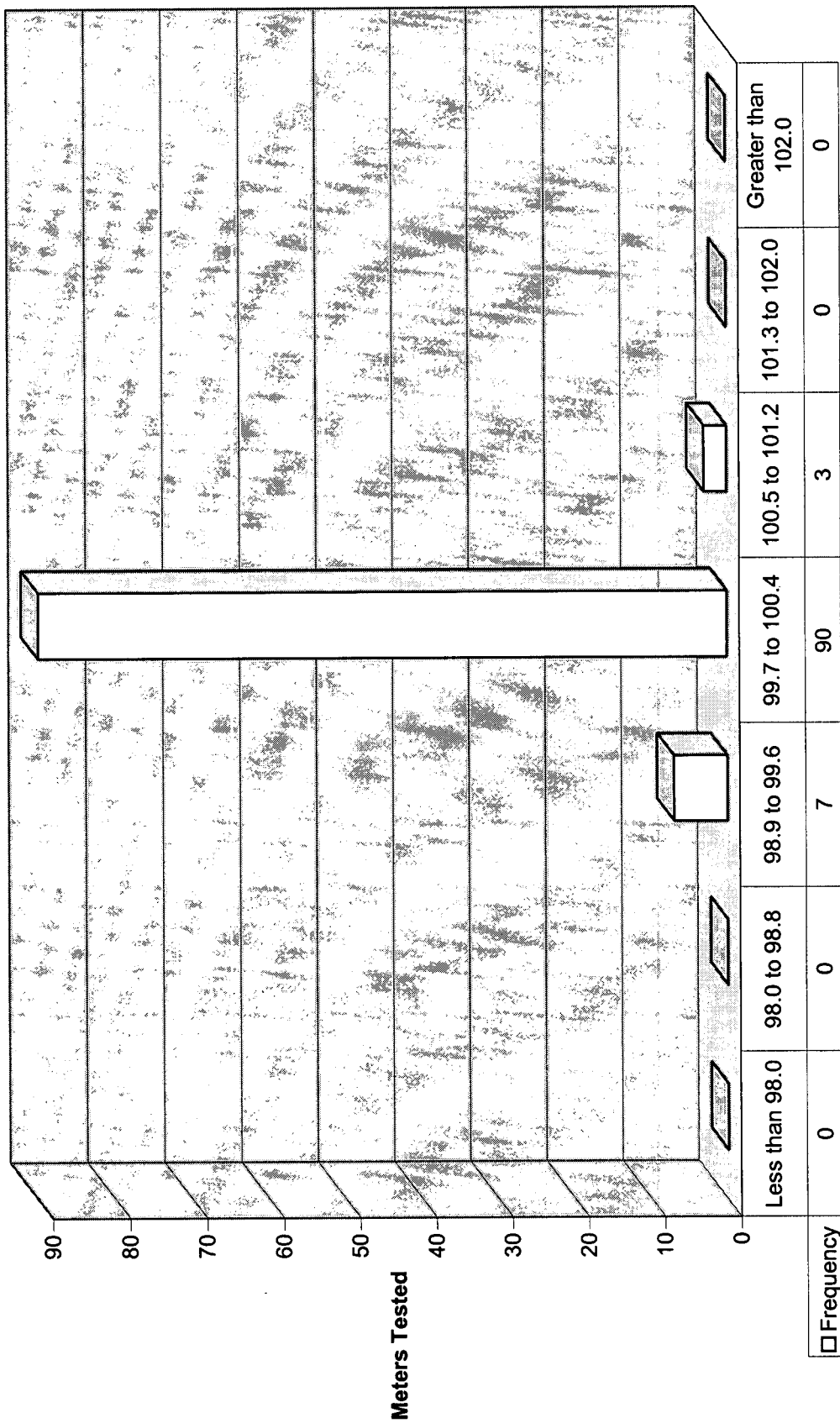
Test Accuracy Summary	Frequency
Less than 98.0	0
98.0 to 98.8	0
98.9 to 99.6	0
99.7 to 100.4	93
100.5 to 101.2	7
101.3 to 102.0	0
Greater than 102.0	0

Meters installed in group 1/1/2003:	12,542
Number of meters tested:	100
Group status (pass/fail):	Pass



091858455	I70S	100
091858602	I70S	100.3
091858825	I70S	100.2
091858849	I70S	100.1
091860132	I70S	100.1
091860677	I70S	100.6
091861002	I70S	100.1
091861052	I70S	99.8
091861346	I70S	100.1
091861710	I70S	100.3
091862054	I70S	100.5
091862085	I70S	100.2
091862429	I70S	100.3
091862501	I70S	100.5
091862791	I70S	100.2
091862793	I70S	100.2
091862825	I70S	100.3
091862844	I70S	100.2
091863080	I70S	100.3
091863170	I70S	100.1
091863192	I70S	100.1
091863241	I70S	100.4
091863650	I70S	100.1
091863652	I70S	100.1
091863761	I70S	100.2
093020241	I70S	100.3
093524730	I70S	100.1
093524762	I70S	100.2
093524830	I70S	100.2
093524831	I70S	100.2
093524839	I70S	100.4
093525106	I70S	100.3
093526111	I70S	100.3
093526129	I70S	99.7
093526281	I70S	100.2
093526690	I70S	99.7
093526849	I70S	100.1
093527018	I70S	99.9
093527071	I70S	100.1
093529070	I70S	100.1
093529282	I70S	99.8
093529624	I70S	99.9
093530175	I70S	100
093530413	I70S	100.1
093530889	I70S	99.9
093530903	I70S	100.2
093530919	I70S	100.2
093531962	I70S	99.9
093532148	I70S	100.2
093534095	I70S	100.1
093535138	I70S	100.2
093535597	I70S	100.8

# 2003 GE I70S Group DD1



Meters Tested

Test Range

Frequency

**Group Name: DD1**  
**Meter Type: General Electric I70S**

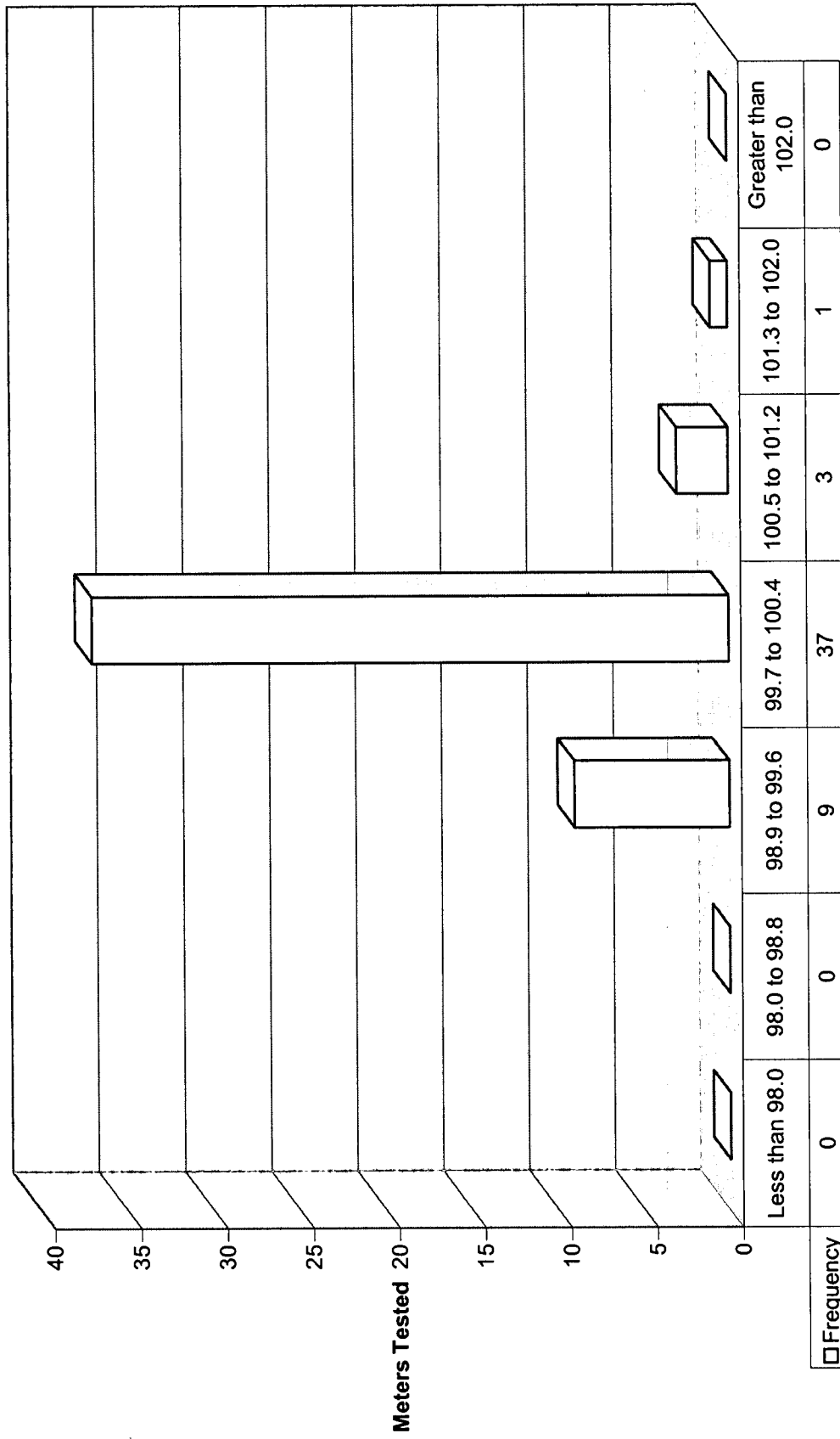
Serial Number	Mfg Type	Avg As Found
052082827	I70S	100.9
053004887	I70S	100.2
053181285	I70S	100.3
053653106	I70S	99.9
053653106	I70S	100
053653136	I70S	100
053653136	I70S	100.1
053653402	I70S	100.1
054121571	I70S	100.3
054127208	I70S	99.2
054127208	I70S	99.5
056090171	I70S	100.2
056569590	I70S	100
056629168	I70S	100.8
056629309	I70S	100.1
056629656	I70S	99.9
056825635	I70S	100.1
057426569	I70S	100.1
057797341	I70S	100.1
058581761	I70S	100.4
058824836	I70S	100
058825015	I70S	100.3
059491321	I70S	100.1
059662567	I70S	100.1
059924815	I70S	99.9
059965712	I70S	99.9
060124848	I70S	100.3
060126691	I70S	99.9
060280259	I70S	100.1
060497484	I70S	100.1
060562408	I70S	100.2
060576152	I70S	100.1
061661521	I70S	100
062588821	I70S	100.2
062596083	I70S	99.8
062614698	I70S	99.8
063707481	I70S	99.4
063771958	I70S	100.2
063898437	I70S	99.9
063903460	I70S	99.4
063981206	I70S	99.8
064217228	I70S	99.9
064257944	I70S	99.8
064278136	I70S	100.1
064305927	I70S	100.2
065133777	I70S	99.7
065133813	I70S	99.4
065196980	I70S	100.1

Test Accuracy Summary	Frequency
Less than 98.0	0
98.0 to 98.8	0
98.9 to 99.6	7
99.7 to 100.4	90
100.5 to 101.2	3
101.3 to 102.0	0
Greater than 102.0	0

Meters installed in group 1/1/2003:	12,543
Number of meters tested:	100
Group status (pass/fail):	Pass

065196980	I70S	100.1
067319618	I70S	99.9
067320238	I70S	100.4
067773081	I70S	100
067805750	I70S	100.1
067832996	I70S	99.8
067842288	I70S	100.2
067945766	I70S	100
068339019	I70S	99.7
068573787	I70S	99.9
068818178	I70S	100.2
069706942	I70S	100
071383726	I70S	99.9
071748420	I70S	100
071806324	I70S	100.1
071806344	I70S	99.9
071843210	I70S	100.3
072025958	I70S	99.4
072160048	I70S	99.8
072333302	I70S	100
073549939	I70S	99.9
073573019	I70S	99.8
073695363	I70S	99.8
074769876	I70S	99.8
075005970	I70S	100.7
075118544	I70S	100.3
075828006	I70S	99.9
075836688	I70S	99.7
076752640	I70S	99.7
076758500	I70S	99.6
077341127	I70S	99.8
077835358	I70S	99.8
077849738	I70S	100.4
078511161	I70S	100.2
078543075	I70S	99.9
078543420	I70S	100
078665690	I70S	99.8
079736134	I70S	100.4
079738838	I70S	99.9
080161316	I70S	100.2
080600806	I70S	100.1
080600949	I70S	99.9
082079108	I70S	100
082186919	I70S	99.7
082321458	I70S	100
082321676	I70S	99.9
082321749	I70S	100.1
082322062	I70S	99.7
082322100	I70S	99.9
083208725	I70S	99.9
083209364	I70S	99.9
083209442	I70S	99.8

# 2003 Sangamo J3S Group EE



Test Range

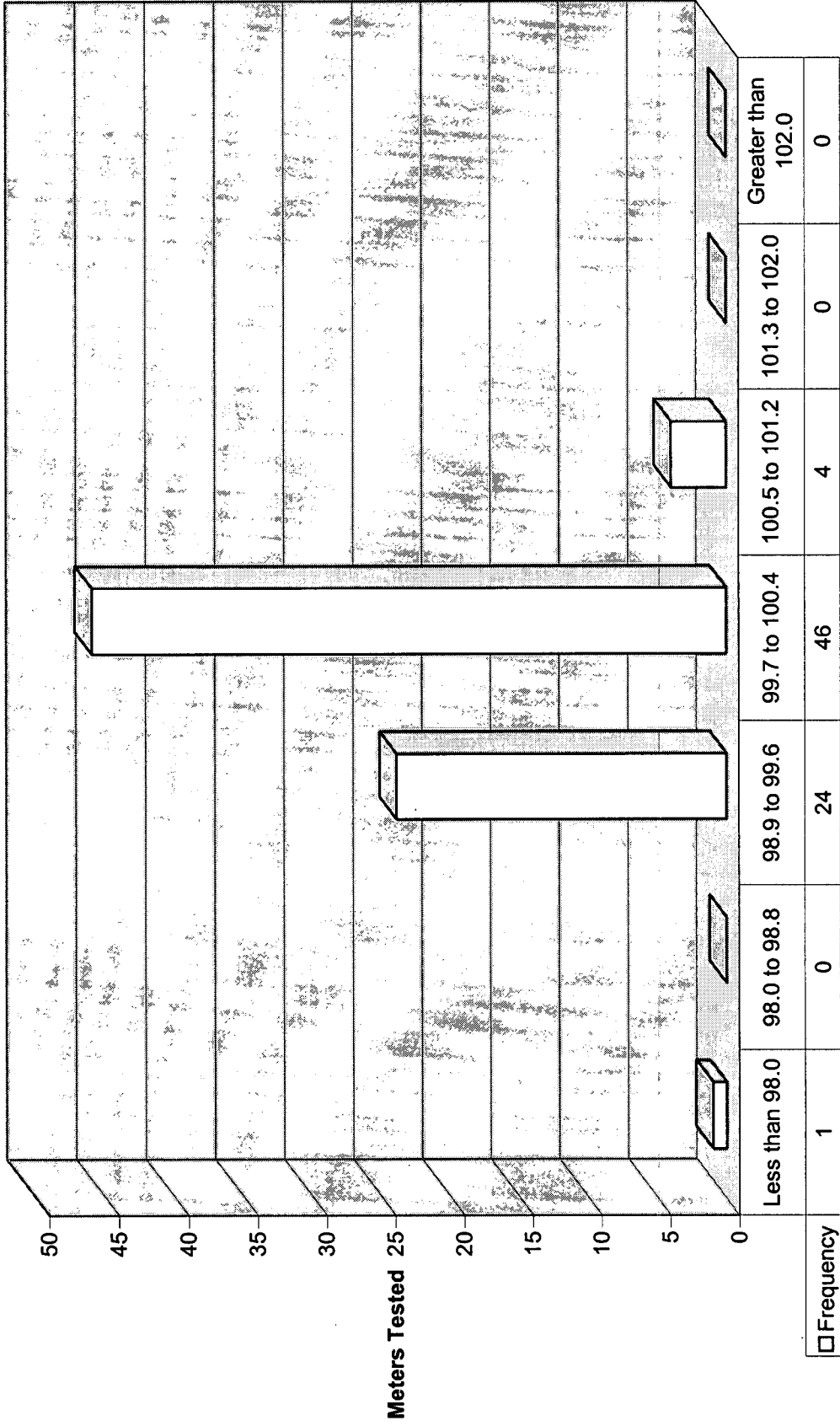
<b>Group Name: EE</b>
<b>Meter Type: Sangamo J3S</b>

Serial Number	Mfg Type	Avg As Found
024550595	J3S	99.7
025379422	J3S	100.1
025564985	J3S	99.6
025565457	J3S	100
025948851	J3S	99.9
027315445	J3S	100.1
027370628	J3S	99.5
027681852	J3S	100
027812618	J3S	101.8
027812648	J3S	99.7
027813240	J3S	100.1
028544691	J3S	99
028646581	J3S	99.6
028647225	J3S	99.4
028796001	J3S	99.8
028864849	J3S	99.8
028888985	J3S	101
028889073	J3S	100.1
028889335	J3S	99.9
028889418	J3S	99.9
028889434	J3S	100.4
029277466	J3S	99.7
029434325	J3S	100
029434603	J3S	99.8
029471320	J3S	99.8
029471898	J3S	99.7
029682373	J3S	99.8
030116428	J3S	99.5
030616082	J3S	100
031482795	J3S	99.8
032836656	J3S	100.4
032836706	J3S	99.9
032840491	J3S	100.6
032845268	J3S	100.7
033219581	J3S	99.6
033219818	J3S	99.3
033542237	J3S	99.8
033546500	J3S	99.7
033546538	J3S	100
033685228	J3S	99.9
033685335	J3S	99.9
033932331	J3S	100.4
033957748	J3S	100
035176060	J3S	99.8
035377150	J3S	100.2
036079756	J3S	100.2
036080485	J3S	99.8
036617038	J3S	100.1
036902798	J3S	99.4
064259029	J3S	99.9

Test Accuracy Summary	Frequency
Less than 98.0	0
98.0 to 98.8	0
98.9 to 99.6	9
99.7 to 100.4	37
100.5 to 101.2	3
101.3 to 102.0	1
Greater than 102.0	0

Meters installed in group 1/1/2003:	2,802
Number of meters tested:	50
Group status (pass/fail):	Pass

# 2003 Schlumberger J4S Group EH



Meters Tested

Test Range

□ Frequency

<b>Group Name: EH</b>
<b>Meter Type: Sangamo J4S</b>

Serial Number	Mfg Type	Avg As Found
001763553	J4TS	100.4
017131576	J4S	100.1
037988788	J4S	100.4
039569205	J4S	100.5
039989824	J4S	99.5
040070665	J4S	99.5
040070681	J4S	99.9
040093019	J4S	99.9
041370016	J4S	99.9
041428620	J4S	99.7
041734307	J4S	100
041788529	J4S	99.5
042703857	J4S	100
042891701	J4S	99.8
042894437	J4S	99.5
042997335	J4S	99.5
043415401	J4S	100
044779553	J4S	100.1
044779581	J4S	99.8
044779643	J4S	99.5
045046158	J4S	99.4
045774574	J4S	100
045795943	J4S	99.3
045859594	J4S	98.9
045859598	J4S	99.3
045864587	J4S	100
046380060	J4S	99.9
046728324	J4S	99.9
046728351	J4S	100.1
046832174	J4S	99.6
047938223	J4S	100.3
048320489	J4S	99.9
048649436	J4S	99
048650361	J4S	99.1
048945168	J4S	98.9
048946756	J4S	99.7
048946836	J4S	99.5
048947037	J4S	100.1
048947081	J4S	99.9
049700562	J4S	100
049706644	J4S	99.4
049706654	J4S	100.5
050093633	J4S	99.6
050132178	J4S	100.6
050229000	J4S	100
050565466	J4S	100.2
050569928	J4S	99.7

Test Accuracy Summary	Frequency
Less than 98.0	1
98.0 to 98.8	0
98.9 to 99.6	24
99.7 to 100.4	46
100.5 to 101.2	4
101.3 to 102.0	0
Greater than 102.0	0

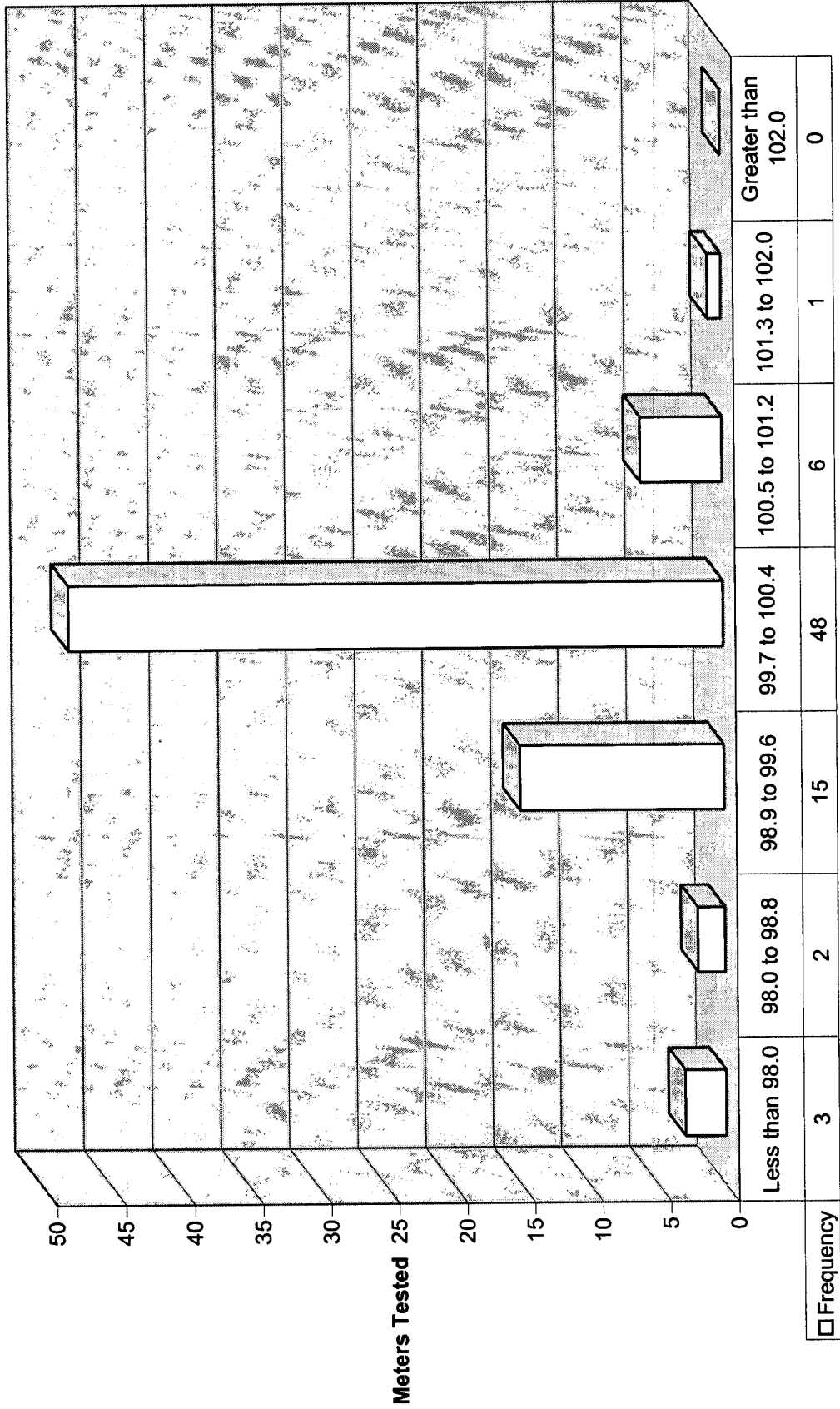
Meters installed in group 1/1/2003:	7,296
Number of meters tested:	75
Group status (pass/fail):	Pass



054315493	J4S	100.3
054315497	J4S	99.5
055579841	J4S	99.4
055580247	J4S	100.8
055580266	J4S	95.8
055586003	J4S	99.7
055586175	J4S	99.4
060235588	J4S	99.7
060250591	J4S	100
060250847	J4S	100
060282238	J4S	99.7
060282381	J4S	100.1
060402349	J4S	99.9
060967117	J4S	99.9
060977227	J4S	100.1
060993619	J4S	100.1
060993701	J4S	100
063120101	J4S	100.1
063539844	J4S	99.8
063540195	J4S	100.3
063540301	J4S	99.3
063743133	J4S	99.9
063766078	J4S	100
063768695	J4S	99.6
063778672	J4S	100.1
065244368	J4S	100
066310382	J4S	99.4
066310426	J4S	99.3

75

# 2003 Westinghouse D5S Group GH



<b>Group Name: GH</b>
<b>Meter Type: Westinghous D5S</b>

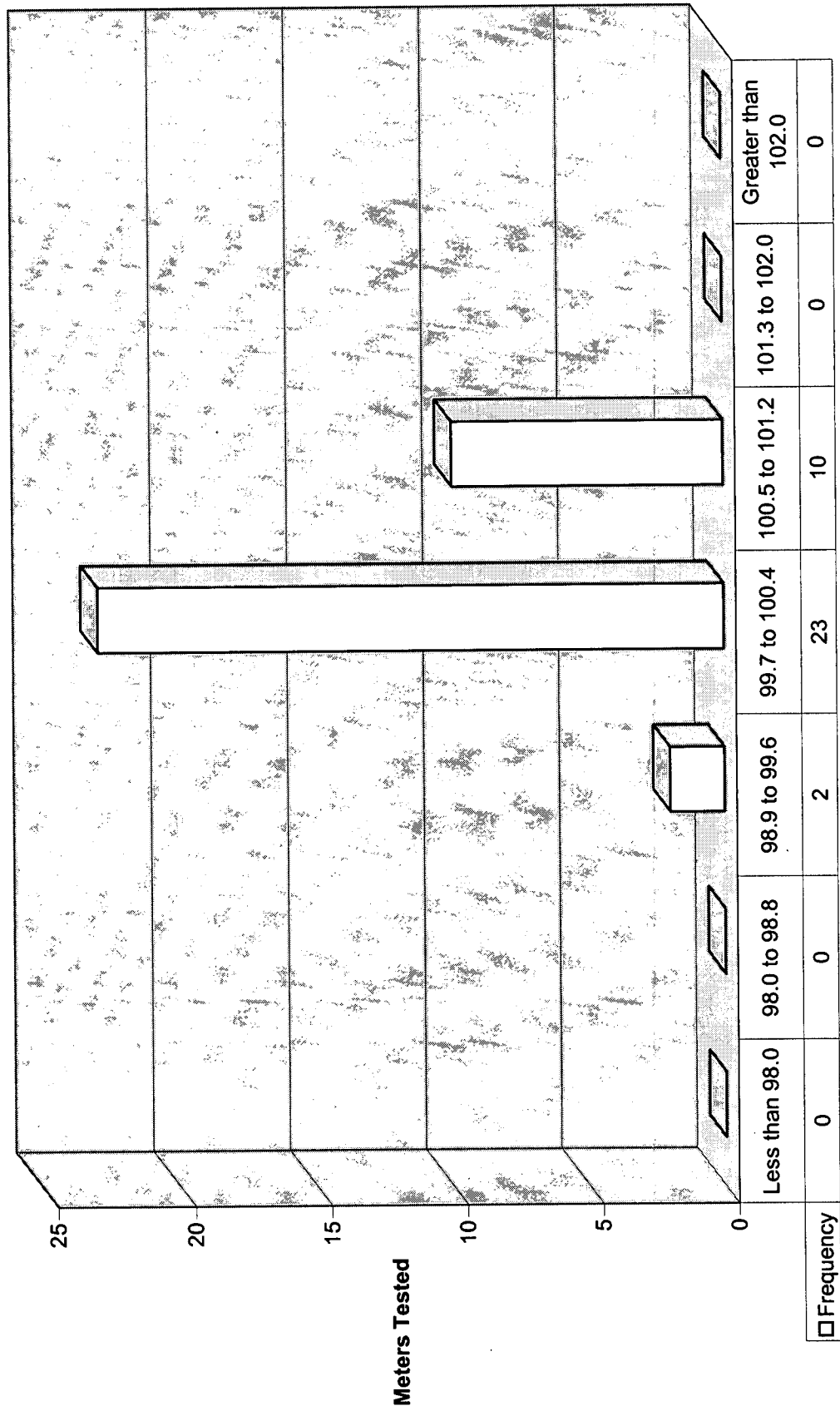
Serial Number	Mfg Type	Avg As Found
072104962	D5S	99.5
072105167	D5S	99.3
072110638	D5S	99.4
072110783	D5S	99.5
072111048	D5S	99.5
072120115	D5S	98.8
072121071	D5S	99.4
072304609	D5S	99.8
072337233	D5S	99.1
072337233	D5S	100.5
072338115	D5S	99.7
072428049	D5S	99.2
072428082	D5S	100
072428322	D5S	99.9
073028135	D5S	97.8
073032798	D5S	96.9
073140290	D5S	100.7
073216268	D5S	100.7
073746356	D5S	99.2
073814172	D5S	97
074061001	D5SH	100.1
074103392	D5S	99
074113840	D5S	99.7
074161838	D5SH	100.2
074224609	D5S	99.9
074224627	D5S	99.1
074224712	D5S	100
074224726	D5S	99.9
075062761	D5S	99.7
075063082	D5S	100
075063923	D5S	99.8
075112460	D5S	100
075113047	D5S	99.8
075126142	D5S	99.6
075126362	D5S	99.6
075650261	D5SH	99.6
076157561	D5S	100
076656258	D5S	100.2
076656313	D5S	99.8
076740925	D5SH	98.6
076862215	D5S	99.9
076862345	D5S	100.1
076862871	D5S	99.8
076862880	D5S	99.9
077052414	D5S	100.2
077252250	D5S	100.3
077252308	D5S	100

Test Accuracy Summary		Frequency
Less than 98.0		3
98.0 to 98.8		2
98.9 to 99.6		15
99.7 to 100.4		48
100.5 to 101.2		6
101.3 to 102.0		1
Greater than 102.0		0

Meters installed in group 1/1/2003:		3,990
Number of meters tested:		75
Group status (pass/fail):		Pass

077252309	D5S	100.2
077252352	D5S	100.1
077557884	D5S	100
077558447	D5S	100
078656032	D5S	99.8
078752953	D5S	100.1
078753157	D5S	100
079302413	D5SH	100.3
079302428	D5SH	101.4
079665458	D5S	100.1
079854485	D5S	99.7
080056561	D5S	99
080056738	D5S	99.7
080071602	D5S	100.2
080072315	D5S	99.9
080072429	D5S	100.5
080854299	D5S	99.9
080953509	D5S	100.1
080953953	D5S	100.2
080953989	D5S	100.3
082759965	D5S	100.3
082760244	D5S	100.5
082760245	D5S	100.6
082884807	D5S	100
082884985	D5S	99.9
082885039	D5S	100.2
084756791	D5S	100.4
093526835	D5S	100

# 2003 Sangamo S12S Group GY



Meters Tested

Test Range

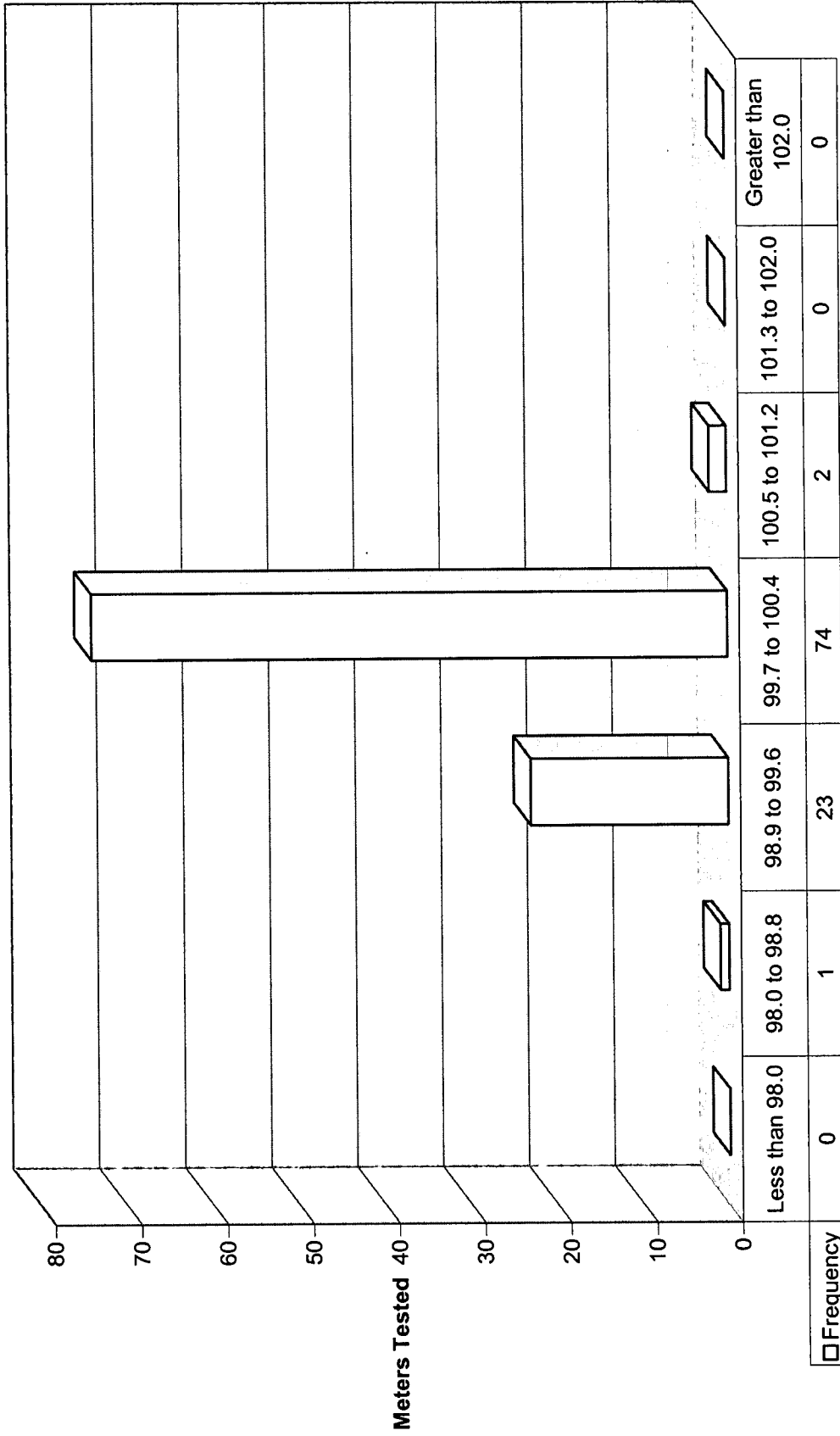
<b>Group Name: GY</b>
<b>Meter Type: Sangamo S12S</b>

Serial Number	Mfg Type	Avg As Found
011782062	SL12S	100.9
011782064	SL12S	100.7
011782085	SL12S	100.9
011782105	SL12S	101.1
061316257	S12S	99.6
061316472	S12S	99.7
064004041	S12S	100.5
068006409	SL12S	100
068006432	S12S	99.9
068006458	S12S	99.7
068091709	S12S	100.1
072870737	S12S	99.9
072904614	S12S	99.8
072904651	S12S	100
072904749	S12S	100
076493601	S12S	99.9
080064764	S12S	100.1
082006273	S12SD	100.1
082301077	S12S	100
084505262	S12S	100.4
084948633	SL12S	100.2
084948634	SL12S	100.3
086320152	SL12S	98.9
086320160	SL12S	100.4
086320182	SL12S	100.4
086320183	SL12S	100.4
097227122	SL12S	100.2
097227143	SL12S	100.6
097227166	SL12S	100.5
097227181	SL12S	100.2
097227201	SL12S	100.5
097227227	SL12S	100.3
104818045	SL12S	100.2
104818046	SL12S	100.5
104884181	SL12S	100.5

Test Accuracy Summary	Frequency
Less than 98.0	0
98.0 to 98.8	0
98.9 to 99.6	2
99.7 to 100.4	23
100.5 to 101.2	10
101.3 to 102.0	0
Greater than 102.0	0

Meters installed in group 1/1/2003:	1,017
Number of meters tested:	35
Group status (pass/fail):	Pass

# 2003 Sangamo J5S Group HG1



Group Name: HG1
Meter Type: Sangamo J5S

Serial Number	Mfg Type	Avg As Found
010069934	J5S	99.5
011728627	J5S	100.6
011728661	J5S	99
066198550	J5S	100
069722916	J5S	99.8
069723760	J5S	99.8
069724421	J5S	100.1
069724543	J5S	99.9
069724812	J5S	100.2
069771230	J5S	100
069772205	J5S	100.2
069991526	J5S	100
070223490	J5S	100.5
070827699	J5S	100
071091503	J5S	100.2
071107967	J5S	100.1
071108081	J5S	100
074436152	J5S	100.1
074437388	J5S	99.8
074477026	J5S	99.3
074477437	J5S	99.6
074542220	J5S	99.9
074543201	J5S	100.1
075119055	J5S	99.5
075119112	J5S	99.6
076861514	J5S	98.7
076861815	J5S	100.2
076861816	J5S	100.2
076861900	J5S	100.1
076862148	J5S	99.9
076862171	J5S	99.9
076862215	J5S	99.9
077267282	J5S	99.6
077267418	J5S	100
077367555	J5S	100.1
077367558	J5S	99.7
077367579	J5S	99.8
077525560	J5S	100.2
077627650	J5S	99.9
077627684	J5S	100.2
078507027	J5S	100.1
078915610	J5S	99.1
078915634	J5S	100.3
079020171	J5S	99.6
079020321	J5S	99.6
079020616	J5S	100.1
079021364	J5S	99.7
079021392	J5S	99.5
079021706	J5S	99.9
079021716	J5S	99.4
079021729	J5S	100.1

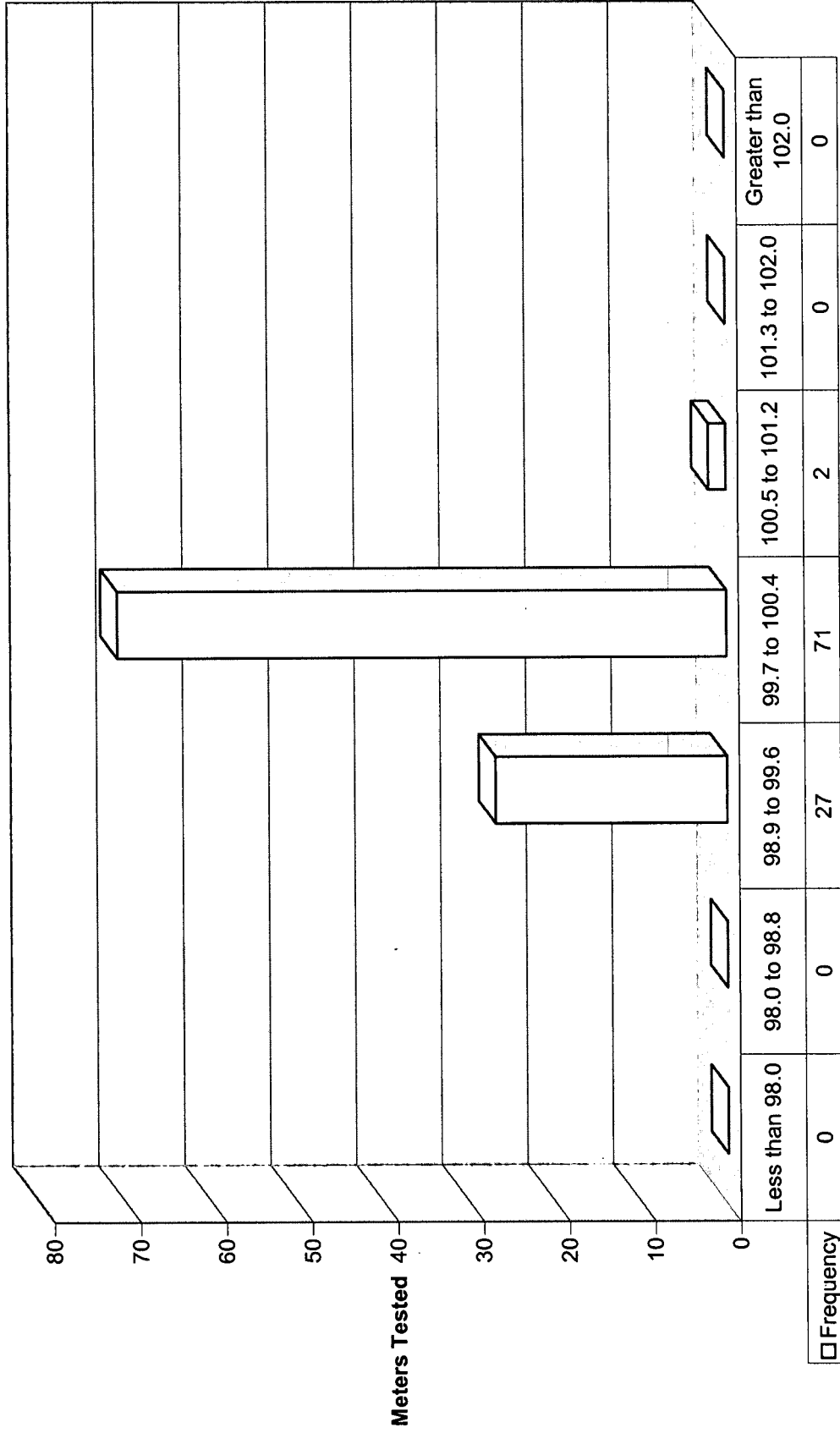
Test Accuracy Summary	Frequency
Less than 98.0	0
98.0 to 98.8	1
98.9 to 99.6	23
99.7 to 100.4	74
100.5 to 101.2	2
101.3 to 102.0	0
Greater than 102.0	0

Meters installed in group 1/1/2003:	14,339
Number of meters tested:	100
Group status (pass/fail):	Pass



079021745	J5S	100
079021890	J5S	99.9
079022449	J5S	100
079022724	J5S	100.3
079022728	J5S	100.3
079022805	J5S	100
079023179	J5S	99.8
079024197	J5S	99.8
079024217	J5S	100.1
079024227	J5S	100.3
080959153	J5S	100.1
080959201	J5S	99.3
080959202	J5S	100
081020621	J5S	100.1
081021560	J5S	99.7
081021632	J5S	99.9
081022602	J5S	100.3
081022690	J5S	99.8
081023912	J5S	99.9
081024235	J5S	100
081024284	J5S	99.6
081024335	J5S	99.7
081025102	J5S	99.9
081025832	J5S	99.4
081478137	J5S	99.8
081619177	J5S	100.1
081619449	J5S	99.9
081619465	J5S	99.9
082821388	J5S	99.7
082822809	J5S	99.6
082822849	J5S	99.4
082822856	J5S	99.9
082822877	J5S	99.4
082822906	J5S	100.2
082822938	J5S	99.6
082824010	J5S	100
087557043	J5S	100
087959248	J5S	99.9
087959256	J5S	100.2
087959284	J5S	99.8
087959321	J5S	99.9
087959485	J5S	99.8
087960435	J5S	100
087961353	J5S	99.5
087961392	J5S	99.5
093554696	J5S	99.8
093554985	J5S	99.5
093555033	J5S	99.4
093555069	J5S	99.9

# 2003 Sangamo J5S Group HG2



Meters Tested

Test Range

□ Frequency

Group Name: HG2
Meter Type: Sangamo J5S

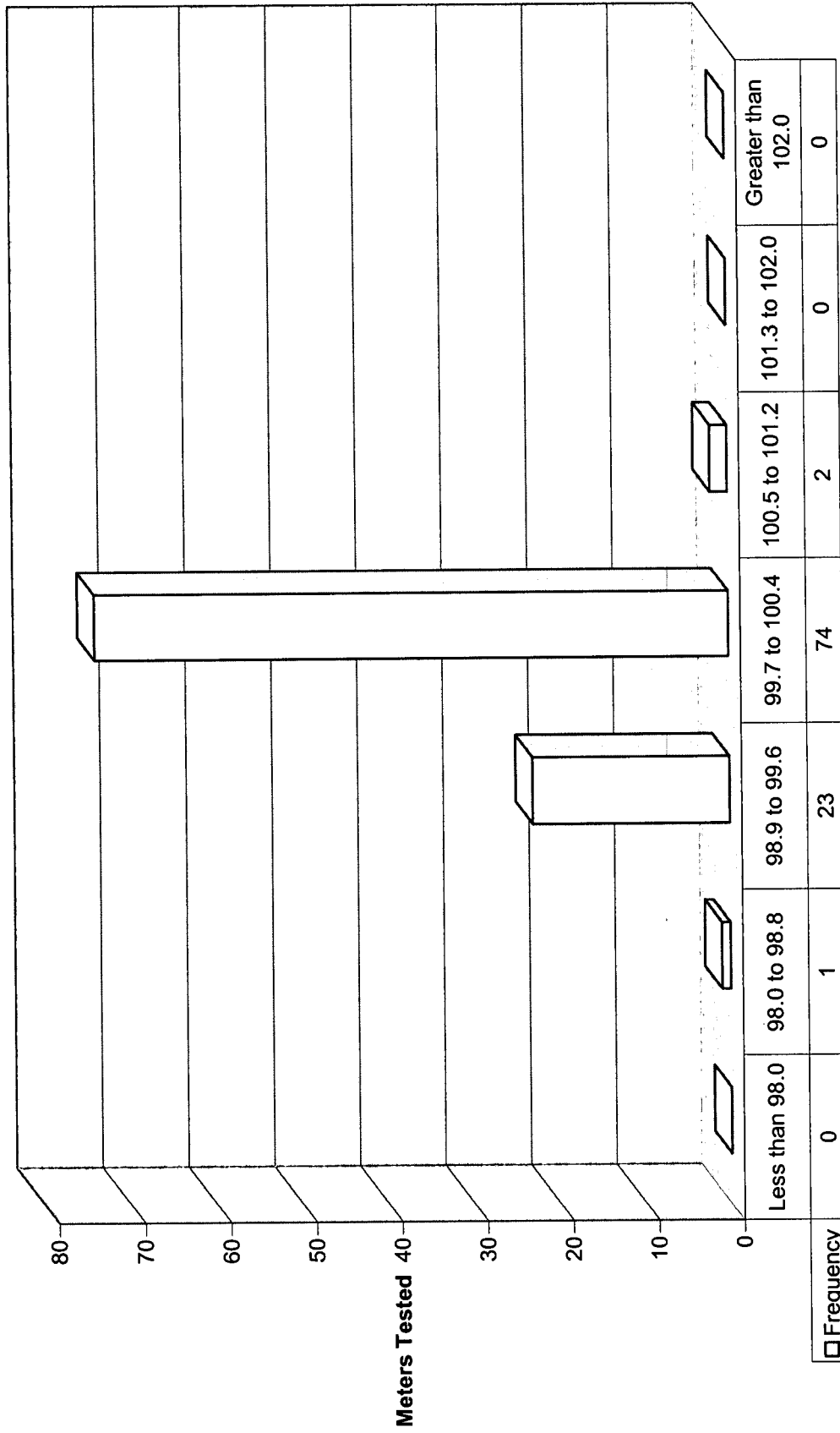
Serial Number	Mfg Type	Avg As Found
093555833	J5S	99.7
093557497	J5S	99.5
093557544	J5S	100
093558051	J5S	99.5
093558053	J5S	99.7
093558105	J5S	100.1
093559532	J5S	99.2
093559688	J5S	99.7
093560507	J5S	100
094273977	J5S	100
094274928	J5S	99.6
094277294	J5S	99.4
094278542	J5S	99.9
094278679	J5S	99.7
095458575	J5S	99.7
095459325	J5S	99.8
095459621	J5S	99.8
095459655	J5S	99.4
095459804	J5S	100.1
095459953	J5S	100.3
095460339	J5S	99.6
095460712	J5S	99.7
095461048	J5S	99.8
095461752	J5S	99.5
095462192	J5S	99.9
095464375	J5S	100.3
095464738	J5S	100.2
095465358	J5S	100.3
095465410	J5S	99.7
095465876	J5S	99.8
095465925	J5S	100.1
097849413	J5S	99.5
097849564	J5S	99.7
097849656	J5S	99.4
097849793	J5S	100
097849952	J5S	99.6
097849977	J5S	99.9
097859681	J5S	100.3
097859852	J5S	99.6
097860009	J5S	99.2
097860016	J5S	99.5
097860327	J5S	100
097860362	J5S	100
097860879	J5S	100.1
097860922	J5S	99.4
097861509	J5S	99.5
097864097	J5S	99.7
097864283	J5S	100.3

Test Accuracy Summary	Frequency
Less than 98.0	0
98.0 to 98.8	0
98.9 to 99.6	27
99.7 to 100.4	71
100.5 to 101.2	2
101.3 to 102.0	0
Greater than 102.0	0

Meters installed in group 1/1/2003:	14,339
Number of meters tested:	100
Group status (pass/fail):	Pass

097864947	J5S	100.4
097865411	J5S	99.9
097865669	J5S	99.8
097865712	J5S	100
097865712	J5S	100.1
104111114	J5S	99.8
104111151	J5S	99.3
104121094	J5S	99.7
104121141	J5S	99.8
104121460	J5S	99.8
104121623	J5S	99.4
104121664	J5S	99.4
104121721	J5S	99.6
104121753	J5S	100.1
104122873	J5S	99.9
104122906	J5S	99.7
104123266	J5S	99.1
104123485	J5S	99.6
104124118	J5S	99.4
104124753	J5S	99.9
104125152	J5S	99.7
104125202	J5S	99.6
104125308	J5S	99.7
104125426	J5S	99.7
104125519	J5S	100
104125740	J5S	99.3
104135848	J5S	99.9
104135868	J5S	99.7
104135970	J5S	100
104136065	J5S	99.9
104136387	J5S	100
104136626	J5S	99.8
104136702	J5S	100
104136901	J5S	99.7
104143743	J5S	100
104143784	J5S	100.2
104143912	J5S	100.1
104144029	J5S	100.3
104146717	J5S	99.8
104146915	J5S	99.4
104146990	J5S	100.3
104147017	J5S	100.3
104148915	J5S	99.9
104151442	J5S	100.2
104151641	J5S	100.5
104151651	J5S	100.2
104151691	J5S	99.8
104151770	J5S	99.5
104153549	J5S	100.2
104153736	J5S	100.4
104153736	J5S	100.8
104153857	J5S	100.3

# 2003 Sangamo J5S Group HG3



Meters Tested

Test Range

Frequency

Group Name: HG3
Meter Type: Sangamo J5S

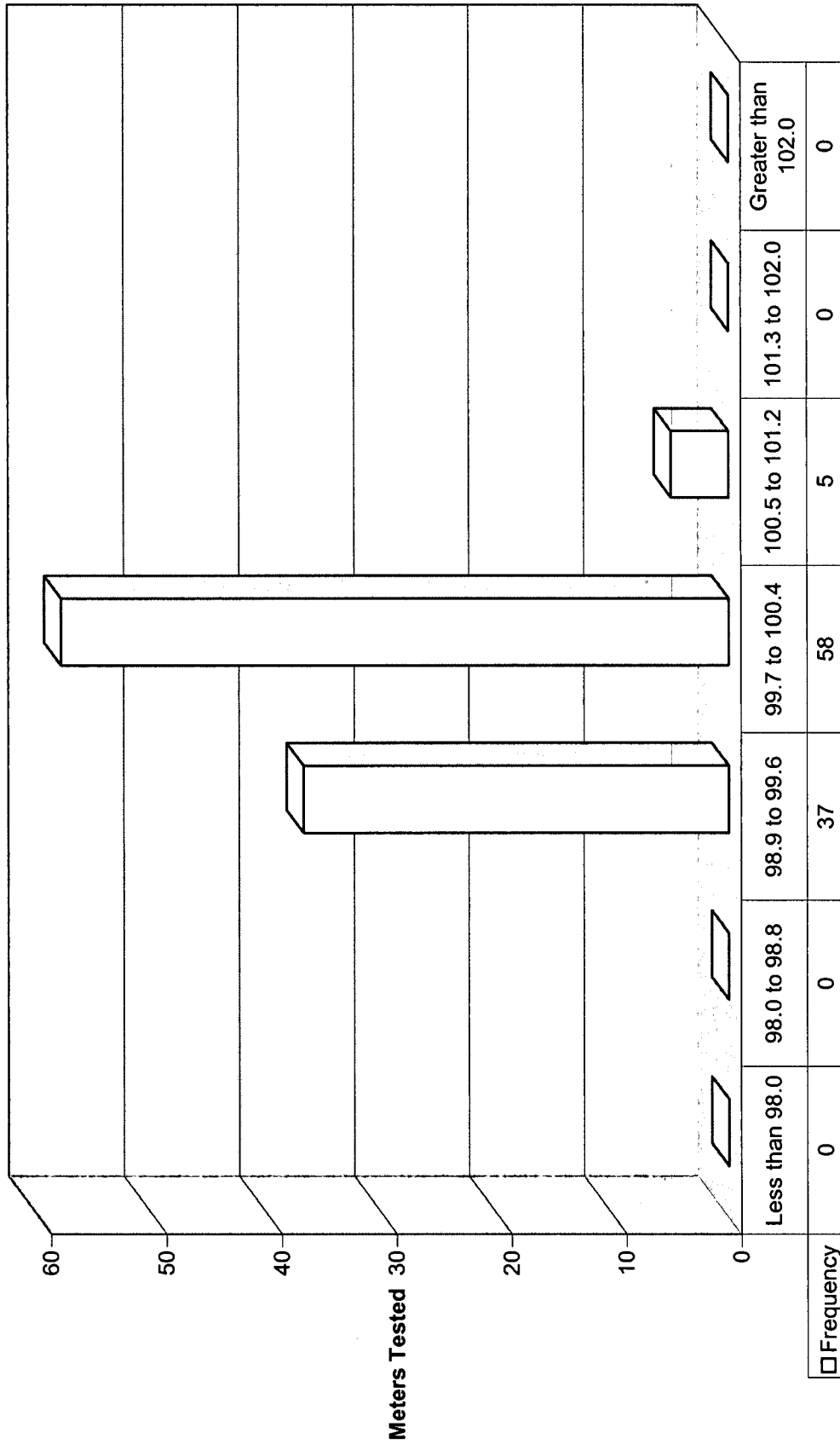
Serial Number	Mfg Type	Avg As Found
104167481	J5S	100.1
104167529	J5S	100.1
104167568	J5S	100.4
104167615	J5S	100.4
104167706	J5S	100.1
104167803	J5S	100.4
104167841	J5S	100
104168190	J5S	99.7
104172744	J5S	100.2
104172883	J5S	100.6
104173153	J5S	99.7
104176062	J5S	100.9
104176109	J5S	100
104176229	J5S	100.3
104176361	J5S	100.2
104176733	J5S	99.9
104176966	J5S	100.1
104177425	J5S	100.3
104177759	J5S	100.1
104177799	J5S	100.1
104177804	J5S	99.8
104178067	J5S	100.2
104178072	J5S	99.9
104178096	J5S	99.9
104180286	J5S	99.6
104180389	J5S	99.6
104180457	J5S	100.3
104182504	J5S	99.9
104182839	J5S	99.1
104182868	J5S	100.3
104190666	J5S	99.7
104190772	J5S	99.9
104190833	J5S	99.8
104191079	J5S	99.8
104191133	J5S	99.8
104191189	J5S	100.2
104191440	J5S	99.8
104191485	J5S	99.7
104191519	J5S	99.7
104191523	J5S	99.5
104196654	J5S	99.9
104196718	J5S	100.3
104196720	J5S	99.5
104198448	J5S	99.8
104198482	J5S	100
104198547	J5S	100.4
104198581	J5S	99.3
104198597	J5S	100.1
104198716	J5S	100
104206168	J5S	100.1

Test Accuracy Summary	Frequency
Less than 98.0	0
98.0 to 98.8	1
98.9 to 99.6	23
99.7 to 100.4	74
100.5 to 101.2	2
101.3 to 102.0	0
Greater than 102.0	0

Meters installed in group 1/1/2003:	14,339
Number of meters tested:	100
Group status (pass/fail):	Pass

104206260	J5S	99.9
104206343	J5S	99.4
104206403	J5S	99.4
104803010	J5S	99.8
104803092	J5S	100
104803152	J5S	100.2
104807703	J5S	100.1
104808125	J5S	99.8
104808147	J5S	100.1
104809398	J5S	99.7
104809405	J5S	99.6
104818401	J5S	98.8
104818531	J5S	100
104818594	J5S	99.7
104818699	J5S	99.7
104818749	J5S	99.6
104818763	J5S	100
104823563	J5S	99.9
104823686	J5S	99.7
104825904	J5S	99.8
104826215	J5S	99.8
104826217	J5S	99.7
104828120	J5S	100
104833092	J5S	100
104833185	J5S	99.7
104837164	J5S	100.2
104837523	J5S	99.1
104840872	J5S	99.7
104841040	J5S	99.9
104841088	J5S	99.9
104841222	J5S	100.1
104841243	J5S	100.1
104841271	J5S	99.8
104841300	J5S	100
104846546	J5S	99.2
104846784	J5S	99.4
104848107	J5S	100
104848411	J5S	99.9
104850796	J5S	99.5
104853665	J5S	99.5
104853760	J5S	100
104873555	J5S	99.5
104873685	J5S	99.3
104873844	J5S	99.2
104874061	J5S	99.4
104874094	J5S	99.2
104874211	J5S	99.6
104874752	J5S	99.7
104874806	J5S	99.5
104874832	J5S	99.4

# 2003 Sangamo J5S Group HG4



Meters Tested

Test Range

□ Frequency



Group Name: HG4
Meter Type: Sangamo J5S

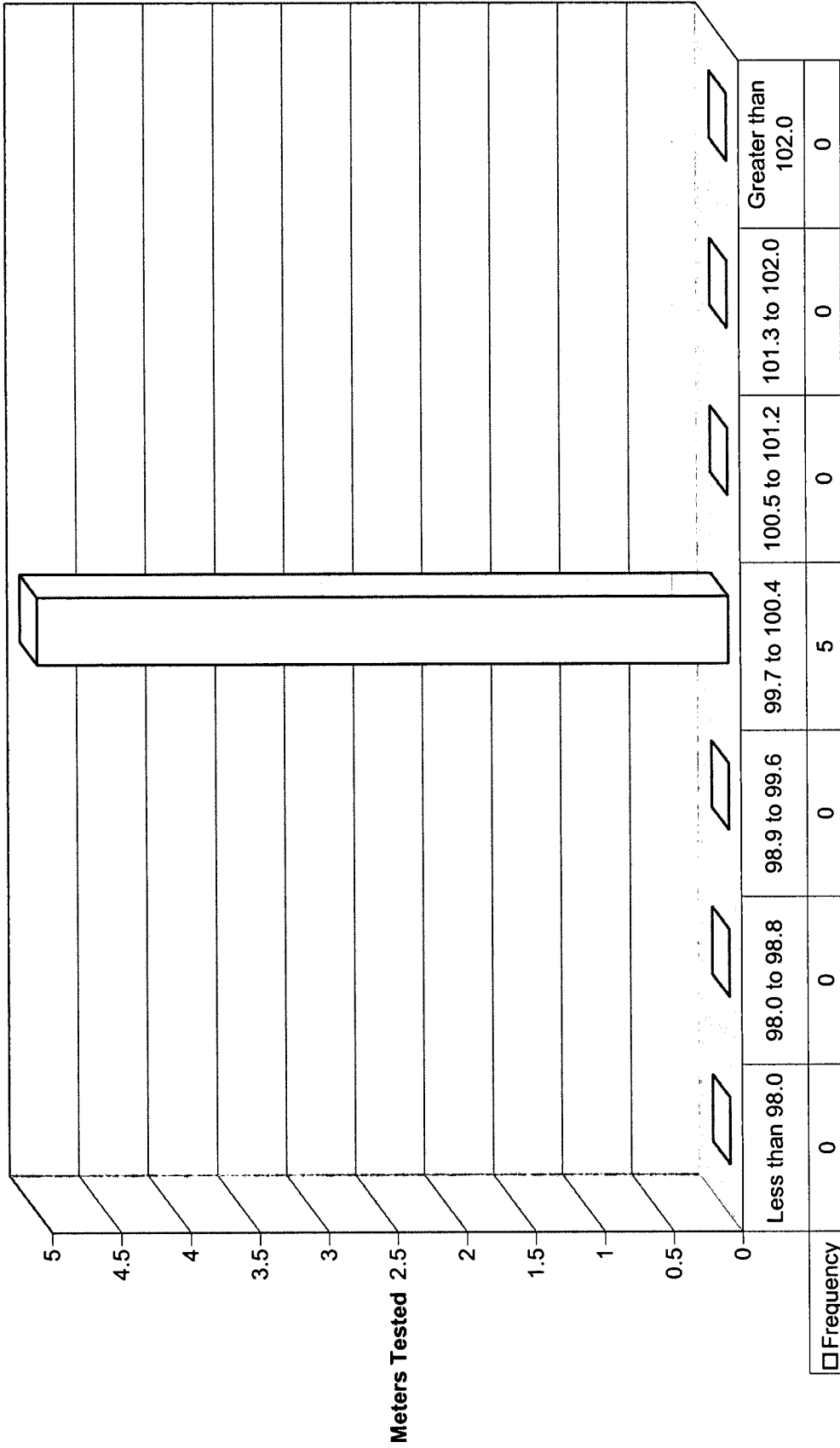
Serial Number	Mfg Type	Avg As Found
104875229	J5S	99
104875231	J5S	99.7
104875243	J5S	100.1
104875250	J5S	99.4
104880739	J5S	99.6
104880776	J5S	99.7
104880795	J5S	99.7
104881181	J5S	99.5
104881185	J5S	99.5
104881187	J5S	100.5
104881265	J5S	99.4
104881294	J5S	100.1
104881387	J5S	99.9
104881543	J5S	99.6
104881559	J5S	100.3
104881617	J5S	99.7
104881784	J5S	100.4
104881816	J5S	100
104882148	J5S	100
104882161	J5S	100.1
104882177	J5S	100
104882235	J5S	99.6
104882277	J5S	100.6
104882345	J5S	100.1
104882440	J5S	99.6
104882496	J5S	99.7
104882508	J5S	100.1
104882519	J5S	99.4
104891027	J5S	99.7
104891061	J5S	99.4
104891072	J5S	99.7
104891075	J5S	99.6
104891139	J5S	99.7
104891148	J5S	99.9
104891347	J5S	99.3
104891360	J5S	99.7
104891369	J5S	99.2
104897627	J5S	99.6
104897739	J5S	99.6
104897746	J5S	100.1
104897791	J5S	100.3
104897828	J5S	99.6
104897971	J5S	99.5
104898798	J5S	100
104898804	J5S	99.7
104898840	J5S	100
104898982	J5S	99.6
104899053	J5S	99.5

Test Accuracy Summary	Frequency
Less than 98.0	0
98.0 to 98.8	0
98.9 to 99.6	37
99.7 to 100.4	58
100.5 to 101.2	5
101.3 to 102.0	0
Greater than 102.0	0

Meters installed in group 1/1/2003:	14,339
Number of meters tested:	100
Group status (pass/fail):	Pass

104899175	J5S	100.4
104899234	J5S	99.8
104899258	J5S	99.7
104899293	J5S	99.9
104899312	J5S	100
105008447	J5S	99.7
105008519	J5S	99.9
105008527	J5S	99.4
105008531	J5S	99.4
105008612	J5S	98.9
105008713	J5S	99.5
105008718	J5S	99.4
105008770	J5S	99.7
105008782	J5S	99.7
105011708	J5S	99.7
105011766	J5S	99.8
105012077	J5S	99.6
105012120	J5S	99.1
105012536	J5S	100.7
105014439	J5S	99.6
106000006	J5S	99.9
106000303	J5S	100.3
106000485	J5S	100
106000549	J5S	100.1
106000695	J5S	99.4
106001947	J5S	99.8
106001965	J5S	99.6
106002024	J5S	99.5
106002086	J5S	100.1
106002100	J5S	99.8
106004868	J5S	99.9
106005066	J5S	99.8
106007493	J5S	99.6
106007553	J5S	99.5
106007683	J5S	100.1
106007719	J5S	99.7
106015614	J5S	99.6
106039464	J5S	99
106096997	J5S	99.8
106134921	J5S	100
112296380	J5S	100.5
112582773	J5S	100.1
112582773	J5S	100.2
112583087	J5S	99.9
112583095	J5S	100.5
112583735	J5S	99.9
112584358	J5S	99.2
112584429	J5S	100.2
112588660	J5S	99.5
112588673	J5S	99.9
112588993	J5S	99.7
112589037	J5S	99.7

# 2003 GE EV2 Group LY



Test Range

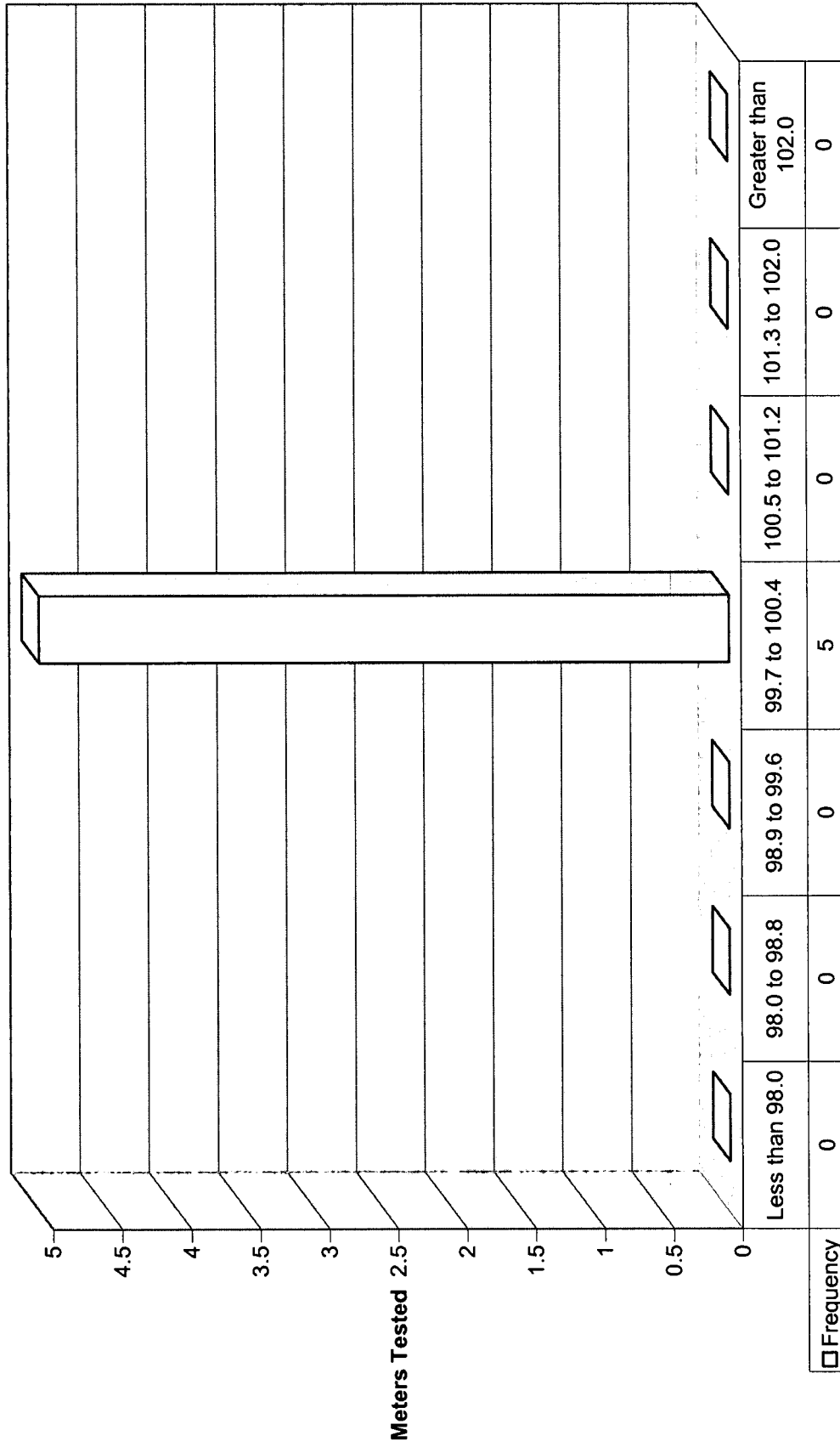
<b>Group Name: LY</b>
<b>Meter Type: General Electric EV2</b>

<b>Serial Number</b>	<b>Mfg Type</b>	<b>Avg As Found</b>
090069065	EV2	100.1
090069062	EV2	100
090069050	EV2	100
090069107	EV2	100
093731230	EV2	100.1

<b>Test Accuracy Summary</b>	<b>Frequency</b>
Less than 98.0	0
98.0 to 98.8	0
98.9 to 99.6	0
99.7 to 100.4	5
100.5 to 101.2	0
101.3 to 102.0	0
Greater than 102.0	0

Meters installed in group 1/1/2003:	48
Number of meters tested:	5
Group status (pass/fail):	Pass

# 2003 Schlumberger SV1SR Group MK



Test Range

<b>Group Name: MK</b>
<b>Meter Type: Schlumberger SV1SR</b>

<b>Serial Number</b>	<b>Mfg Type</b>	<b>Avg As Found</b>
104883297	SV1SR	100
104883299	SV1SR	99.9
104883287	SV1SR	99.9
104883305	SV1SR	100
104883281	SV1SR	99.9

<b>Test Accuracy Summary</b>		<b>Frequency</b>
Less than 98.0		0
98.0 to 98.8		0
98.9 to 99.6		0
99.7 to 100.4		5
100.5 to 101.2		0
101.3 to 102.0		0
Greater than 102.0		0

Meters installed in group 1/1/2003:		40
Number of meters tested:		5
Group status (pass/fail):		Pass

**ULH&P 2003 Manufacturer Test Results**

Company	Company Meter No	Test Date/Time	Test Type	Series Full	Series Light	Series Power
07	106150891	1/7/03 0:00	MFG	100	99.7	100.3
07	106150892	1/7/03 0:00	MFG	100	100.4	99.8
07	106150893	1/7/03 0:00	MFG	100	100.2	100.6
07	106150894	1/7/03 0:00	MFG	99.9	100.1	99.8
07	106150895	1/7/03 0:00	MFG	99.9	100.1	99.6
07	106150896	1/7/03 0:00	MFG	99.9	99.9	99.9
07	106150897	1/7/03 0:00	MFG	100.1	100	100
07	106150898	1/7/03 0:00	MFG	99.8	100.2	100
07	106150899	1/7/03 0:00	MFG	100	100	99.9
07	106150900	1/7/03 0:00	MFG	99.8	100	99.5
07	106150901	1/7/03 0:00	MFG	99.9	99.9	99.8
07	106150902	1/7/03 0:00	MFG	100.1	100	100
07	106150903	1/7/03 0:00	MFG	100	100.1	99.8
07	106150904	1/7/03 0:00	MFG	100	100	100
07	106150905	1/7/03 0:00	MFG	99.9	99.8	99.8
07	106150906	1/7/03 0:00	MFG	100	100.3	100
07	106150907	1/7/03 0:00	MFG	99.9	100.2	100
07	106150908	1/7/03 0:00	MFG	99.9	100	99.9
07	106150909	1/7/03 0:00	MFG	99.9	100.1	100
07	106150910	1/7/03 0:00	MFG	99.9	100.2	100
07	106150911	1/7/03 0:00	MFG	99.8	100.1	99.6
07	106150912	1/7/03 0:00	MFG	100.1	100	99.5
07	106150913	1/7/03 0:00	MFG	100	100.2	100.2
07	106150914	1/7/03 0:00	MFG	99.7	99.9	100
07	106150915	1/7/03 0:00	MFG	99.9	100.3	99.8
07	106150916	1/7/03 0:00	MFG	100	99.9	99.8
07	106150917	1/7/03 0:00	MFG	99.8	99.9	99.8
07	106150918	1/7/03 0:00	MFG	100	99.9	100.4
07	106150919	1/7/03 0:00	MFG	99.9	100.2	100.2
07	106150920	1/7/03 0:00	MFG	100	100.1	100
07	106150921	1/7/03 0:00	MFG	99.9	100.2	99.8
07	106150922	1/7/03 0:00	MFG	99.8	100	99.6
07	106150923	1/7/03 0:00	MFG	100.1	100.3	100.5
07	106150924	1/7/03 0:00	MFG	100	99.8	100
07	106150925	1/7/03 0:00	MFG	99.9	99.8	99.8
07	106150926	1/7/03 0:00	MFG	100.2	100.1	100.2
07	106150927	1/7/03 0:00	MFG	100	100.3	99.5
07	106150928	1/7/03 0:00	MFG	100	100.2	99.8
07	106150929	1/7/03 0:00	MFG	99.9	100.3	99.5
07	106150930	1/7/03 0:00	MFG	99.8	100.1	99.6
07	106150931	1/7/03 0:00	MFG	100	99.9	99.9
07	106150932	1/7/03 0:00	MFG	99.9	100.4	100.1
07	106150933	1/7/03 0:00	MFG	100	100.4	100.2
07	106150934	1/7/03 0:00	MFG	100.1	99.9	100.1
07	106150935	1/7/03 0:00	MFG	99.9	100.2	100
07	106150936	1/7/03 0:00	MFG	100.1	100.1	100.3
07	106150937	1/7/03 0:00	MFG	99.9	99.9	100.1
07	106150938	1/7/03 0:00	MFG	99.8	100	99.5
07	106150939	1/7/03 0:00	MFG	100	100.3	99.5
07	106150940	1/7/03 0:00	MFG	100	100.3	100.4
07	106150941	1/7/03 0:00	MFG	100.2	100.4	100.1
07	106150942	1/7/03 0:00	MFG	100	100.2	99.7
07	106150943	1/7/03 0:00	MFG	100	100	100.1
07	106150944	1/7/03 0:00	MFG	100.1	100.3	100.2
07	106150945	1/7/03 0:00	MFG	100	100	100
07	106150946	1/7/03 0:00	MFG	99.8	100	99.7
07	106150947	1/7/03 0:00	MFG	100	100.1	99.9
07	106150948	1/7/03 0:00	MFG	100.1	99.9	99.9
07	106150949	1/7/03 0:00	MFG	100	100	100
07	106150950	1/7/03 0:00	MFG	99.8	100	99.7
07	106150951	1/7/03 0:00	MFG	99.7	100.3	99.9
07	106150952	1/7/03 0:00	MFG	99.8	100	99.9
07	106150953	1/7/03 0:00	MFG	99.8	100.2	99.9
07	106150954	1/7/03 0:00	MFG	99.9	100	100.4
07	106150955	1/7/03 0:00	MFG	99.8	100.4	99.9
07	106150956	1/7/03 0:00	MFG	100	100.1	99.6

**RECEIVED**  
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 PUBLIC SERVICE  
 COMMISSION

07	106150957	1/7/03 0:00	MFG	100.1	100.2	100
07	106150958	1/7/03 0:00	MFG	100.1	100.4	100.2
07	106150959	1/7/03 0:00	MFG	99.9	99.9	99.8
07	106150960	1/7/03 0:00	MFG	99.8	100	100
07	106150961	1/7/03 0:00	MFG	100.2	100.1	99.6
07	106150962	1/7/03 0:00	MFG	99.9	100.1	100.1
07	106150963	1/7/03 0:00	MFG	99.9	100.3	99.9
07	106150964	1/7/03 0:00	MFG	100	100.1	99.7
07	106150965	1/7/03 0:00	MFG	100	99.9	99.6
07	106150966	1/7/03 0:00	MFG	100	100.1	100
07	106150967	1/7/03 0:00	MFG	100.1	99.9	100
07	106150968	1/7/03 0:00	MFG	99.8	100.3	100
07	106150969	1/7/03 0:00	MFG	100.2	100.4	99.5
07	106150970	1/7/03 0:00	MFG	99.9	100.2	99.9
07	106150971	1/7/03 0:00	MFG	99.9	100.1	99.7
07	106150972	1/7/03 0:00	MFG	99.9	99.9	100
07	106150973	1/7/03 0:00	MFG	100.1	99.9	99.6
07	106150974	1/7/03 0:00	MFG	99.9	100.4	99.9
07	106150975	1/7/03 0:00	MFG	99.8	99.7	99.8
07	106150976	1/7/03 0:00	MFG	100	100.2	99.6
07	106150977	1/7/03 0:00	MFG	99.9	100.2	100
07	106150978	1/7/03 0:00	MFG	100	100	100.1
07	106150979	1/7/03 0:00	MFG	100	100.2	100.1
07	106150980	1/7/03 0:00	MFG	100	100.3	100.3
07	106150981	1/7/03 0:00	MFG	100	100.4	100.2
07	106150982	1/7/03 0:00	MFG	100	100.1	100.1
07	106150983	1/7/03 0:00	MFG	100	100.1	99.6
07	106150984	1/7/03 0:00	MFG	100	100.4	100.1
07	106150985	1/7/03 0:00	MFG	100	100.2	100.2
07	106150986	1/7/03 0:00	MFG	100	100.4	100
07	106150987	1/7/03 0:00	MFG	99.9	100.1	99.8
07	106150988	1/7/03 0:00	MFG	100.1	100.1	100.4
07	106150989	1/7/03 0:00	MFG	100	100.2	100.2
07	106150990	1/7/03 0:00	MFG	100.1	100.2	99.9
07	106150991	1/7/03 0:00	MFG	100.2	100.1	100
07	106150992	1/7/03 0:00	MFG	99.8	100	99.8
07	106150993	1/7/03 0:00	MFG	99.9	100.2	100.3
07	106150994	1/7/03 0:00	MFG	100	100.2	100.3
07	106150995	1/7/03 0:00	MFG	100	100	99.8
07	106150996	1/7/03 0:00	MFG	100	100.1	100
07	106150997	1/7/03 0:00	MFG	100	100.2	99.9
07	106150998	1/7/03 0:00	MFG	99.9	100.1	100
07	106150999	1/7/03 0:00	MFG	100.1	100.1	99.9
07	106151000	1/7/03 0:00	MFG	100.1	100.2	100.2
07	106151001	1/7/03 0:00	MFG	100	100.2	100.5
07	106151002	1/7/03 0:00	MFG	99.9	100.1	100.2
07	106151003	1/7/03 0:00	MFG	99.9	99.9	99.7
07	106151004	1/7/03 0:00	MFG	99.8	100.2	100
07	106151005	1/7/03 0:00	MFG	100.1	100.1	99.7
07	106151006	1/7/03 0:00	MFG	99.9	100.4	99.8
07	106151007	1/7/03 0:00	MFG	100	100.3	100.2
07	106151008	1/7/03 0:00	MFG	100	100.1	100.3
07	106151009	1/7/03 0:00	MFG	99.9	100.3	99.7
07	106151010	1/7/03 0:00	MFG	100	100.3	100.5
07	106151011	1/7/03 0:00	MFG	99.8	99.9	99.7
07	106151013	1/7/03 0:00	MFG	99.8	99.8	99.6
07	106151014	1/7/03 0:00	MFG	100	100.1	100
07	106151015	1/7/03 0:00	MFG	99.9	99.9	100.3
07	106151016	1/7/03 0:00	MFG	100.2	100.2	100.3
07	106151017	1/7/03 0:00	MFG	99.9	100.3	99.7
07	106151018	1/7/03 0:00	MFG	99.9	100.1	99.9
07	106151019	1/7/03 0:00	MFG	100	100.3	99.9
07	106151020	1/7/03 0:00	MFG	100	100.2	100.3
07	106151021	1/7/03 0:00	MFG	100	99.6	100.1
07	106151022	1/7/03 0:00	MFG	100.2	100.1	100.3
07	106151023	1/7/03 0:00	MFG	99.8	100	99.9
07	106151024	1/7/03 0:00	MFG	100.1	100.2	100.5
07	106151025	1/7/03 0:00	MFG	100.2	100.2	100.4
07	106151026	1/7/03 0:00	MFG	100	99.9	100



07	106151027	1/7/03 0:00	MFG	99.8	100.2	99.7
07	106151028	1/7/03 0:00	MFG	99.8	100.3	99.5
07	106151029	1/7/03 0:00	MFG	99.9	100	99.6
07	106151030	1/7/03 0:00	MFG	100	100.2	100
07	106151031	1/7/03 0:00	MFG	99.8	100.1	99.9
07	106151032	1/7/03 0:00	MFG	100.1	100	100
07	106151033	1/7/03 0:00	MFG	100.1	99.7	99.5
07	106151034	1/7/03 0:00	MFG	100	100.4	100.4
07	106151035	1/7/03 0:00	MFG	100.2	100	100
07	106151036	1/7/03 0:00	MFG	99.8	100.3	99.7
07	106151037	1/7/03 0:00	MFG	99.9	100.2	99.7
07	106151038	1/7/03 0:00	MFG	100.1	100.3	100.4
07	106151039	1/7/03 0:00	MFG	99.7	99.8	99.9
07	106151040	1/7/03 0:00	MFG	99.9	100.2	99.9
07	106151041	1/7/03 0:00	MFG	99.8	100.1	99.7
07	106151042	1/7/03 0:00	MFG	100	100.1	100
07	106151043	1/7/03 0:00	MFG	100	99.9	100.3
07	106151044	1/7/03 0:00	MFG	100.2	100	99.9
07	106151045	1/7/03 0:00	MFG	99.9	99.9	100.1
07	106151046	1/7/03 0:00	MFG	100.1	100	100.2
07	106151047	1/7/03 0:00	MFG	100	100.1	100
07	106151048	1/7/03 0:00	MFG	100	100.3	99.8
07	106151049	1/7/03 0:00	MFG	100.1	100.1	100.1
07	106151050	1/7/03 0:00	MFG	99.9	100	99.7
07	106151051	1/7/03 0:00	MFG	100	100.1	99.6
07	106151052	1/7/03 0:00	MFG	99.9	100	100
07	106151053	1/7/03 0:00	MFG	99.9	100	99.9
07	106151054	1/7/03 0:00	MFG	100	99.6	100.3
07	106151055	1/7/03 0:00	MFG	99.8	99.6	100
07	106151056	1/7/03 0:00	MFG	99.9	100	99.7
07	106151057	1/7/03 0:00	MFG	99.8	99.8	100
07	106151058	1/7/03 0:00	MFG	99.9	99.6	99.7
07	106151059	1/7/03 0:00	MFG	100.1	99.7	100
07	106151060	1/7/03 0:00	MFG	100	99.9	100.1
07	106151061	1/7/03 0:00	MFG	99.9	99.8	99.8
07	106151062	1/7/03 0:00	MFG	99.9	100	100.2
07	106151063	1/7/03 0:00	MFG	99.9	100.2	100.3
07	106151064	1/7/03 0:00	MFG	99.9	100	99.7
07	106151065	1/7/03 0:00	MFG	99.8	100.1	99.6
07	106151066	1/7/03 0:00	MFG	99.9	100.2	100
07	106151067	1/7/03 0:00	MFG	100.2	100.4	100.3
07	106151068	1/7/03 0:00	MFG	99.9	100.2	100
07	106151069	1/7/03 0:00	MFG	100.1	100	100.1
07	106151070	1/7/03 0:00	MFG	99.9	99.8	100.2
07	106151071	1/7/03 0:00	MFG	99.9	99.8	100.1
07	106151072	1/7/03 0:00	MFG	99.8	100.2	99.6
07	106151073	1/7/03 0:00	MFG	99.9	100.4	100.1
07	106151074	1/7/03 0:00	MFG	99.8	99.9	99.9
07	106151075	1/7/03 0:00	MFG	99.8	100	99.9
07	106151076	1/7/03 0:00	MFG	100	100	100.2
07	106151077	1/7/03 0:00	MFG	99.7	100.4	100.4
07	106151078	1/7/03 0:00	MFG	100	100.3	100.1
07	106151079	1/7/03 0:00	MFG	99.8	99.6	100.1
07	106151080	1/7/03 0:00	MFG	99.8	99.8	99.8
07	106151081	1/7/03 0:00	MFG	100.1	100.1	100.1
07	106151082	1/7/03 0:00	MFG	100	100.1	100
07	106151083	1/7/03 0:00	MFG	100	100	100
07	106151084	1/7/03 0:00	MFG	99.9	100	100.3
07	106151085	1/7/03 0:00	MFG	99.9	100.3	99.8
07	106151086	1/7/03 0:00	MFG	99.8	99.9	99.5
07	106151087	1/7/03 0:00	MFG	100.1	100.3	100
07	106151088	1/7/03 0:00	MFG	100.1	100.3	99.5
07	106151089	1/7/03 0:00	MFG	99.9	99.9	100
07	106151090	1/7/03 0:00	MFG	99.7	100.4	99.6
07	106151091	1/7/03 0:00	MFG	99.8	100.2	99.6
07	106151092	1/7/03 0:00	MFG	99.9	100	99.8
07	106151093	1/7/03 0:00	MFG	100.2	100.1	100.1
07	106151094	1/7/03 0:00	MFG	100	100.1	99.7
07	106151095	1/7/03 0:00	MFG	99.9	100.2	100.5

07	106151096	1/7/03 0:00	MFG	99.7	100	99.7
07	106151097	1/7/03 0:00	MFG	100	99.7	99.9
07	106151098	1/7/03 0:00	MFG	99.9	100	100
07	106151099	1/7/03 0:00	MFG	100.2	100	100.1
07	106151100	1/7/03 0:00	MFG	99.7	99.9	99.4
07	106151101	1/7/03 0:00	MFG	100	100.4	99.9
07	106151102	1/7/03 0:00	MFG	99.8	99.8	99.6
07	106151103	1/7/03 0:00	MFG	100	100.3	100
07	106151104	1/7/03 0:00	MFG	99.9	100	99.5
07	106151105	1/7/03 0:00	MFG	99.9	100.1	100
07	106151106	1/7/03 0:00	MFG	100	99.8	99.8
07	106151107	1/7/03 0:00	MFG	99.9	100.2	99.7
07	106151108	1/7/03 0:00	MFG	99.9	99.9	99.9
07	106151109	1/7/03 0:00	MFG	99.7	100.2	99.6
07	106151110	1/7/03 0:00	MFG	100	99.9	100.1
07	106151111	1/7/03 0:00	MFG	100.2	99.8	99.8
07	106151112	1/7/03 0:00	MFG	99.9	100.4	99.8
07	106151113	1/7/03 0:00	MFG	100.1	100	99.7
07	106151114	1/7/03 0:00	MFG	99.9	100.3	99.8
07	106151115	1/7/03 0:00	MFG	100.1	99.8	100.3
07	106151116	1/7/03 0:00	MFG	100	100.4	100.3
07	106151117	1/7/03 0:00	MFG	100.2	100	100.2
07	106151118	1/7/03 0:00	MFG	100	100.3	100
07	106151119	1/7/03 0:00	MFG	100	99.8	99.9
07	106151120	1/7/03 0:00	MFG	99.8	100.4	99.6
07	106151121	1/7/03 0:00	MFG	99.9	100.3	99.8
07	106151122	1/7/03 0:00	MFG	99.7	100.3	99.6
07	106151123	1/7/03 0:00	MFG	100.1	100.1	100.1
07	106151124	1/7/03 0:00	MFG	100	100.1	99.9
07	106151125	1/7/03 0:00	MFG	100.1	100.2	99.8
07	106151126	1/7/03 0:00	MFG	100.1	100	100.5
07	106151127	1/7/03 0:00	MFG	99.9	100	99.9
07	106151128	1/7/03 0:00	MFG	100	100.2	100.1
07	106151129	1/7/03 0:00	MFG	99.9	100	99.8
07	106151130	1/7/03 0:00	MFG	99.9	99.8	100
07	106151131	1/7/03 0:00	MFG	99.9	99.8	99.9
07	106151132	1/7/03 0:00	MFG	100.2	100.1	100.2
07	106151133	1/7/03 0:00	MFG	100	100.2	100.2
07	106151134	1/7/03 0:00	MFG	100.1	100.2	100.3
07	106151135	1/7/03 0:00	MFG	100	100.1	100.2
07	106151136	1/7/03 0:00	MFG	100	100.1	100.1
07	106151137	1/7/03 0:00	MFG	100	100	100
07	106151138	1/7/03 0:00	MFG	99.7	99.8	100.1
07	106151139	1/7/03 0:00	MFG	100	99.9	100.3
07	106151140	1/7/03 0:00	MFG	100	100.2	100.3
07	106151141	1/7/03 0:00	MFG	99.9	100.1	100.3
07	106151142	1/7/03 0:00	MFG	100	99.8	100.2
07	106151143	1/7/03 0:00	MFG	99.9	100.4	99.9
07	106151144	1/7/03 0:00	MFG	100	100	100.1
07	106151145	1/7/03 0:00	MFG	99.9	100.3	100.1
07	106151146	1/7/03 0:00	MFG	100	99.8	100
07	106151147	1/7/03 0:00	MFG	99.8	100	99.9
07	106151148	1/7/03 0:00	MFG	99.8	99.7	99.7
07	106151149	1/7/03 0:00	MFG	99.9	99.8	99.8
07	106151150	1/7/03 0:00	MFG	100.1	100	100.2
07	106151151	1/7/03 0:00	MFG	99.9	100.3	100
07	106151152	1/7/03 0:00	MFG	99.8	100.3	99.8
07	106151153	1/7/03 0:00	MFG	100	100.2	100.1
07	106151154	1/7/03 0:00	MFG	99.7	99.7	99.5
07	106151155	1/7/03 0:00	MFG	100.1	100.2	100
07	106151156	1/7/03 0:00	MFG	100.1	100.2	100.4
07	106151157	1/7/03 0:00	MFG	99.8	100	100.2
07	106151158	1/7/03 0:00	MFG	100	100.3	100.2
07	106151159	1/7/03 0:00	MFG	100	100.2	100.6
07	106151160	1/7/03 0:00	MFG	100	100	100.1
07	106151161	1/7/03 0:00	MFG	100.1	99.8	100.1
07	106151162	1/7/03 0:00	MFG	99.8	100.1	100.1
07	106151163	1/7/03 0:00	MFG	99.8	100.2	100.1
07	106151164	1/7/03 0:00	MFG	100.2	100.2	100.1

07	106151165	1/7/03 0:00	MFG	100	100.1	99.9
07	106151166	1/7/03 0:00	MFG	99.8	100.1	99.5
07	106151167	1/7/03 0:00	MFG	99.8	99.9	100.2
07	106151168	1/7/03 0:00	MFG	100.1	100	100.3
07	106151169	1/7/03 0:00	MFG	99.8	100.3	100.1
07	106151170	1/7/03 0:00	MFG	99.8	100.1	100.2
07	106151171	1/7/03 0:00	MFG	99.9	100.1	99.8
07	106151172	1/7/03 0:00	MFG	99.7	100.1	99.9
07	106151173	1/7/03 0:00	MFG	100	100.1	100.3
07	106151174	1/7/03 0:00	MFG	99.9	100	99.8
07	106151175	1/7/03 0:00	MFG	99.8	100.1	100.3
07	106151176	1/7/03 0:00	MFG	99.8	99.8	99.7
07	106151177	1/7/03 0:00	MFG	100	100.1	100.1
07	106151178	1/7/03 0:00	MFG	100	99.9	99.9
07	106151179	1/7/03 0:00	MFG	99.9	100.2	100
07	106151180	1/7/03 0:00	MFG	100	99.8	100.2
07	106151181	1/7/03 0:00	MFG	99.8	99.8	99.8
07	106151182	1/7/03 0:00	MFG	99.9	100.2	100.2
07	106151183	1/7/03 0:00	MFG	100	100	99.6
07	106151184	1/7/03 0:00	MFG	99.9	100.3	99.8
07	106151185	1/7/03 0:00	MFG	100.2	100.4	100.4
07	106151186	1/7/03 0:00	MFG	99.8	100.1	99.6
07	106151187	1/7/03 0:00	MFG	99.9	100	99.9
07	106151188	1/7/03 0:00	MFG	100.1	100.1	100.3
07	106151189	1/7/03 0:00	MFG	100	100.3	100.2
07	106151190	1/7/03 0:00	MFG	99.9	100.2	99.9
07	106151191	1/7/03 0:00	MFG	100.1	100.2	100.1
07	106151192	1/7/03 0:00	MFG	99.8	99.9	100
07	106151193	1/7/03 0:00	MFG	99.9	100.2	100.4
07	106151194	1/7/03 0:00	MFG	99.8	99.9	99.8
07	106151195	1/7/03 0:00	MFG	100	100.3	99.7
07	106151196	1/7/03 0:00	MFG	100.1	100.1	99.7
07	106151197	1/7/03 0:00	MFG	100	100.1	100
07	106151198	1/7/03 0:00	MFG	100.1	100.2	100.3
07	106151199	1/7/03 0:00	MFG	100.2	100.2	100.6
07	106151200	1/7/03 0:00	MFG	100	100.4	100.2
07	106151201	1/7/03 0:00	MFG	100	99.8	100.3
07	106151202	1/7/03 0:00	MFG	99.9	99.7	100.1
07	106151203	1/7/03 0:00	MFG	100	100.1	99.8
07	106151204	1/7/03 0:00	MFG	99.8	100.1	100.1
07	106151205	1/7/03 0:00	MFG	100	100	100.2
07	106151206	1/7/03 0:00	MFG	99.9	100.5	100.2
07	106151207	1/7/03 0:00	MFG	99.9	99.9	100.1
07	106151208	1/7/03 0:00	MFG	100	100.2	100.2
07	106151209	1/7/03 0:00	MFG	99.8	99.9	100.4
07	106151210	1/7/03 0:00	MFG	100	100.2	99.6
07	106151211	1/7/03 0:00	MFG	100	100.1	100
07	106151212	1/7/03 0:00	MFG	99.9	100.3	99.9
07	106151213	1/7/03 0:00	MFG	99.9	100.1	99.6
07	106151214	1/7/03 0:00	MFG	100	100	99.8
07	106151215	1/7/03 0:00	MFG	99.7	99.9	99.6
07	106151216	1/7/03 0:00	MFG	99.9	100.1	100
07	106151217	1/7/03 0:00	MFG	100.1	100.1	100.3
07	106151218	1/7/03 0:00	MFG	99.9	100.1	99.7
07	106151219	1/7/03 0:00	MFG	99.9	99.8	100.2
07	106151220	1/7/03 0:00	MFG	100	100	100.2
07	106151221	1/7/03 0:00	MFG	100	100	100.1
07	106151222	1/7/03 0:00	MFG	99.9	100.2	100
07	106151223	1/7/03 0:00	MFG	99.9	100.1	99.7
07	106151224	1/7/03 0:00	MFG	99.8	100.1	99.3
07	106151225	1/7/03 0:00	MFG	100.2	100.2	100.3
07	106151226	1/7/03 0:00	MFG	99.8	99.7	100.2
07	106151227	1/7/03 0:00	MFG	100	100	100
07	106151228	1/7/03 0:00	MFG	100.1	99.9	100.4
07	106151229	1/7/03 0:00	MFG	99.9	100.2	99.9
07	106151230	1/7/03 0:00	MFG	99.8	100.1	99.9
07	106151231	1/7/03 0:00	MFG	100.1	100.3	100
07	106151232	1/7/03 0:00	MFG	99.8	99.9	100.1
07	106151233	1/7/03 0:00	MFG	99.8	100.1	100

07	106151234	1/7/03 0:00	MFG	100.1	100.4	100.1
07	106151235	1/7/03 0:00	MFG	99.9	100.3	100.1
07	106151236	1/7/03 0:00	MFG	99.9	100.2	100.2
07	106151237	1/7/03 0:00	MFG	99.8	100.4	99.8
07	106151238	1/7/03 0:00	MFG	99.8	100	100.1
07	106151239	1/7/03 0:00	MFG	100.2	99.9	100.1
07	106151240	1/7/03 0:00	MFG	99.9	99.8	99.7
07	106151241	1/7/03 0:00	MFG	100	100.2	99.9
07	106151242	1/7/03 0:00	MFG	100.2	99.9	100.3
07	106151243	1/7/03 0:00	MFG	99.9	99.7	99.8
07	106151244	1/7/03 0:00	MFG	100.1	100.3	100.1
07	106151245	1/7/03 0:00	MFG	99.9	99.9	100.2
07	106151246	1/7/03 0:00	MFG	99.8	100.1	100.4
07	106151247	1/7/03 0:00	MFG	100.1	100.3	100.4
07	106151248	1/7/03 0:00	MFG	100.1	100	100.7
07	106151249	1/7/03 0:00	MFG	99.9	100.4	100.3
07	106151250	1/7/03 0:00	MFG	100.1	100.3	100
07	106151251	1/7/03 0:00	MFG	99.9	100.2	100.2
07	106151252	1/7/03 0:00	MFG	99.9	99.8	99.9
07	106151253	1/7/03 0:00	MFG	100.1	100.2	100.4
07	106151254	1/7/03 0:00	MFG	100.1	100.1	100.4
07	106151255	1/7/03 0:00	MFG	99.9	100.3	100.4
07	106151256	1/7/03 0:00	MFG	99.7	100.3	99.4
07	106151257	1/7/03 0:00	MFG	100	99.8	100.4
07	106151258	1/7/03 0:00	MFG	99.8	100.2	99.7
07	106151259	1/7/03 0:00	MFG	100	99.9	100.4
07	106151260	1/7/03 0:00	MFG	100.1	100.4	100.3
07	106151261	1/7/03 0:00	MFG	100.1	100.2	100
07	106151262	1/7/03 0:00	MFG	99.8	100.2	100.1
07	106151263	1/7/03 0:00	MFG	100.1	100.3	100.5
07	106151264	1/7/03 0:00	MFG	100.3	100.2	100.5
07	106151265	1/7/03 0:00	MFG	100.1	100.1	100.4
07	106151266	1/7/03 0:00	MFG	99.8	100	100.1
07	106151267	1/7/03 0:00	MFG	99.8	99.9	100.1
07	106151268	1/7/03 0:00	MFG	99.9	100	99.8
07	106151269	1/7/03 0:00	MFG	99.8	100.1	100
07	106151270	1/7/03 0:00	MFG	100	100.1	100
07	106151271	1/7/03 0:00	MFG	100	100.4	99.8
07	106151272	1/7/03 0:00	MFG	100	100.2	100
07	106151273	1/7/03 0:00	MFG	100	100.1	99.9
07	106151274	1/7/03 0:00	MFG	99.9	100.2	99.9
07	106151275	1/7/03 0:00	MFG	99.9	99.8	100.3
07	106151276	1/7/03 0:00	MFG	99.9	99.9	99.7
07	106151277	1/7/03 0:00	MFG	99.8	99.8	100
07	106151278	1/7/03 0:00	MFG	100	100.3	100.1
07	106151279	1/7/03 0:00	MFG	100.2	100.4	100.6
07	106151280	1/7/03 0:00	MFG	99.8	100.1	99.8
07	106151281	1/7/03 0:00	MFG	99.8	100	100
07	106151282	1/7/03 0:00	MFG	100	100.3	99.9
07	106151283	1/7/03 0:00	MFG	100.2	100.2	100.5
07	106151284	1/7/03 0:00	MFG	99.9	100.1	100.2
07	106151285	1/7/03 0:00	MFG	100	100.2	100.3
07	106151286	1/7/03 0:00	MFG	99.8	100.2	100
07	106151287	1/7/03 0:00	MFG	100	100.3	100
07	106151288	1/7/03 0:00	MFG	100	100.2	100.2
07	106151289	1/7/03 0:00	MFG	99.8	100.2	99.7
07	106151290	1/7/03 0:00	MFG	99.9	100.2	100
07	106151291	1/7/03 0:00	MFG	100	100.1	100.2
07	106151292	1/7/03 0:00	MFG	99.9	99.7	99.9
07	106151293	1/7/03 0:00	MFG	99.8	99.9	99.9
07	106151294	1/7/03 0:00	MFG	100	100.3	100.1
07	106151295	1/7/03 0:00	MFG	100	100.3	99.9
07	106151296	1/7/03 0:00	MFG	100	100.2	100.3
07	106151297	1/7/03 0:00	MFG	100	100	100.1
07	106151298	1/7/03 0:00	MFG	100	100.1	100.2
07	106151299	1/7/03 0:00	MFG	100.2	100	99.9
07	106151300	1/7/03 0:00	MFG	99.8	99.7	100.2
07	106151301	1/7/03 0:00	MFG	100.2	100.1	99.7
07	106151302	1/7/03 0:00	MFG	99.8	100.3	100.1

07	106151303	1/7/03 0:00	MFG	100.1	100	100.4
07	106151304	1/7/03 0:00	MFG	99.9	100.4	100.3
07	106151305	1/7/03 0:00	MFG	99.8	100.1	100.1
07	106151306	1/7/03 0:00	MFG	100	100	100.1
07	106151307	1/7/03 0:00	MFG	99.9	100.2	100.2
07	106151308	1/7/03 0:00	MFG	100	99.9	99.8
07	106151309	1/7/03 0:00	MFG	99.9	99.8	100.1
07	106151310	1/7/03 0:00	MFG	100	100.4	100.2
07	106151311	1/7/03 0:00	MFG	100.1	100.2	100.3
07	106151312	1/7/03 0:00	MFG	100.2	100	100.5
07	106151313	1/7/03 0:00	MFG	99.8	99.7	100.1
07	106151314	1/7/03 0:00	MFG	100	100.2	100.2
07	106151315	1/7/03 0:00	MFG	100.2	100.2	100.3
07	106151316	1/7/03 0:00	MFG	99.9	100.1	100.3
07	106151317	1/7/03 0:00	MFG	100.1	99.8	100.3
07	106151318	1/7/03 0:00	MFG	100	100.2	99.8
07	106151319	1/7/03 0:00	MFG	99.8	100	100.1
07	106151320	1/7/03 0:00	MFG	100	100.2	100.3
07	106151321	1/7/03 0:00	MFG	100	100	100
07	106151322	1/7/03 0:00	MFG	100	100	100
07	106151323	1/7/03 0:00	MFG	99.8	99.9	99.8
07	106151324	1/7/03 0:00	MFG	100	100.3	100.2
07	106151325	1/7/03 0:00	MFG	100	100.1	99.9
07	106151326	1/7/03 0:00	MFG	100	100.4	99.9
07	106151327	1/7/03 0:00	MFG	100	100	100.4
07	106151328	1/7/03 0:00	MFG	99.8	99.9	100.1
07	106151329	1/7/03 0:00	MFG	99.8	100.2	100
07	106151330	1/7/03 0:00	MFG	99.9	100.4	99.9
07	106151331	1/7/03 0:00	MFG	99.9	100	100
07	106151332	1/7/03 0:00	MFG	100	100.3	100.2
07	106151333	1/7/03 0:00	MFG	99.8	100	99.8
07	106151334	1/7/03 0:00	MFG	100.1	100.4	100.2
07	106151335	1/7/03 0:00	MFG	99.8	100.4	100.3
07	106151336	1/7/03 0:00	MFG	99.9	100.1	99.9
07	106151337	1/7/03 0:00	MFG	100	100.2	100.1
07	106151338	1/7/03 0:00	MFG	99.9	100.2	100.1
07	106151339	1/7/03 0:00	MFG	99.9	100.2	100.2
07	106151340	1/7/03 0:00	MFG	99.9	100.1	99.9
07	106151341	1/7/03 0:00	MFG	100	100.2	100.4
07	106151342	1/7/03 0:00	MFG	99.9	100.2	100.1
07	106151343	1/7/03 0:00	MFG	99.9	100.1	100
07	106151344	1/7/03 0:00	MFG	100.2	100.3	99.9
07	106151345	1/7/03 0:00	MFG	100.2	100.2	100.2
07	106151346	1/7/03 0:00	MFG	99.8	99.9	99.6
07	106151347	1/7/03 0:00	MFG	99.7	100	99.7
07	106151348	1/7/03 0:00	MFG	100	99.7	100
07	106151349	1/7/03 0:00	MFG	100.1	100.3	100.2
07	106151350	1/7/03 0:00	MFG	99.9	100	100
07	106151351	1/7/03 0:00	MFG	99.9	100.2	100.1
07	106151352	1/7/03 0:00	MFG	99.8	100	99.8
07	106151353	1/7/03 0:00	MFG	99.7	100.1	100.5
07	106151354	1/7/03 0:00	MFG	99.9	100	100.2
07	106151355	1/7/03 0:00	MFG	100	100.2	99.9
07	106151356	1/7/03 0:00	MFG	100.1	100.4	100.1
07	106151357	1/7/03 0:00	MFG	100.1	99.9	100.1
07	106151358	1/7/03 0:00	MFG	99.9	100.2	100
07	106151359	1/7/03 0:00	MFG	99.9	100.4	100.3
07	106151360	1/7/03 0:00	MFG	100	100.2	100.1
07	106151361	1/7/03 0:00	MFG	100	100	100.3
07	106151362	1/7/03 0:00	MFG	100	100.2	99.8
07	106151363	1/7/03 0:00	MFG	100	99.9	100.3
07	106151364	1/7/03 0:00	MFG	100	99.8	100
07	106151365	1/7/03 0:00	MFG	100.1	100.4	100.2
07	106151366	1/7/03 0:00	MFG	100	100.4	100.3
07	106151367	1/7/03 0:00	MFG	99.8	100	100
07	106151368	1/7/03 0:00	MFG	100	100	99.9
07	106151369	1/7/03 0:00	MFG	100.1	100	100.3
07	106151370	1/7/03 0:00	MFG	100	100	100.3
07	106151371	1/7/03 0:00	MFG	100	100	100

07	106151372	1/7/03 0:00	MFG	99.8	100	99.5
07	106151373	1/7/03 0:00	MFG	100.1	99.9	100.2
07	106151374	1/7/03 0:00	MFG	100.1	100.2	100.1
07	106151375	1/7/03 0:00	MFG	99.9	100.1	100
07	106151376	1/7/03 0:00	MFG	99.9	100.4	100.3
07	106151377	1/7/03 0:00	MFG	99.9	100.2	100
07	106151378	1/7/03 0:00	MFG	100	99.9	100.4
07	106151379	1/7/03 0:00	MFG	99.9	100.1	100.2
07	106151380	1/7/03 0:00	MFG	99.9	100.3	99.8
07	106151381	1/7/03 0:00	MFG	99.8	99.9	99.9
07	106151382	1/7/03 0:00	MFG	99.9	100.3	100.4
07	106151383	1/7/03 0:00	MFG	100.1	100.2	100.3
07	106151384	1/7/03 0:00	MFG	99.8	99.9	99.9
07	106151385	1/7/03 0:00	MFG	99.9	100.1	100.4
07	106151386	1/7/03 0:00	MFG	100	100	100.2
07	106151387	1/7/03 0:00	MFG	99.9	99.9	100
07	106151388	1/7/03 0:00	MFG	100.1	100.3	99.8
07	106151389	1/7/03 0:00	MFG	100	99.7	100.1
07	106151390	1/7/03 0:00	MFG	99.9	100.1	100
07	106151391	1/7/03 0:00	MFG	99.9	100.2	99.8
07	106151392	1/7/03 0:00	MFG	100	99.9	100.2
07	106151393	1/7/03 0:00	MFG	100.1	100	100.3
07	106151394	1/7/03 0:00	MFG	99.8	99.9	100.2
07	106151395	1/7/03 0:00	MFG	99.9	99.9	100
07	106151396	1/7/03 0:00	MFG	100.2	100	100.1
07	106151397	1/7/03 0:00	MFG	100.1	100	100.2
07	106151398	1/7/03 0:00	MFG	100.1	100.1	100.5
07	106151399	1/7/03 0:00	MFG	99.8	100.1	100.1
07	106151400	1/7/03 0:00	MFG	99.9	100.4	100.2
07	106151401	1/7/03 0:00	MFG	100	100	100.3
07	106151402	1/7/03 0:00	MFG	99.9	99.7	99.8
07	106151403	1/7/03 0:00	MFG	100	100.1	100.2
07	106151404	1/7/03 0:00	MFG	100.1	100.2	99.8
07	106151405	1/7/03 0:00	MFG	100	100.2	100.5
07	106151406	1/7/03 0:00	MFG	100	100.1	100.1
07	106151407	1/7/03 0:00	MFG	100.2	100.2	100.5
07	106151408	1/7/03 0:00	MFG	99.9	100.4	100.4
07	106151409	1/7/03 0:00	MFG	100.1	100.3	100.2
07	106151410	1/7/03 0:00	MFG	100.2	100.2	100
07	106151411	1/7/03 0:00	MFG	100.3	100.4	100.3
07	106151412	1/7/03 0:00	MFG	99.9	99.9	100.4
07	106151413	1/7/03 0:00	MFG	99.7	99.8	100
07	106151414	1/7/03 0:00	MFG	100.2	100.1	100.2
07	106151415	1/7/03 0:00	MFG	100	100.3	100.2
07	106151416	1/7/03 0:00	MFG	99.8	100	99.9
07	106151417	1/7/03 0:00	MFG	100.1	100.4	100.6
07	106151418	1/7/03 0:00	MFG	99.8	99.9	99.8
07	106151419	1/7/03 0:00	MFG	99.8	99.9	100.3
07	106151420	1/7/03 0:00	MFG	99.9	100.1	100.4
07	106151421	1/7/03 0:00	MFG	100	100.2	100
07	106151422	1/7/03 0:00	MFG	100.1	100.3	100.2
07	106151423	1/7/03 0:00	MFG	99.9	100.2	100.2
07	106151424	1/7/03 0:00	MFG	99.9	99.8	99.8
07	106151425	1/7/03 0:00	MFG	100	100.2	100
07	106151426	1/7/03 0:00	MFG	99.9	100.1	99.9
07	106151427	1/7/03 0:00	MFG	100.1	100.4	100.2
07	106151428	1/7/03 0:00	MFG	100.2	100.3	100.3
07	106151429	1/7/03 0:00	MFG	100.1	100.4	100.1
07	106151430	1/7/03 0:00	MFG	99.9	100	100
07	106151431	1/7/03 0:00	MFG	99.9	100	100
07	106151432	1/7/03 0:00	MFG	100	100.2	100.4
07	106151433	1/7/03 0:00	MFG	99.8	100.4	100.3
07	106151434	1/7/03 0:00	MFG	100	100.2	99.9
07	106151435	1/7/03 0:00	MFG	99.9	99.8	99.9
07	106151436	1/7/03 0:00	MFG	100	100	99.9
07	106151437	1/7/03 0:00	MFG	100.1	100.3	100.2
07	106151438	1/7/03 0:00	MFG	100	100.2	100.2
07	106151439	1/7/03 0:00	MFG	99.9	99.9	100
07	106151440	1/7/03 0:00	MFG	99.8	99.9	100

07	106151441	1/7/03 0:00	MFG	100	100	100.2
07	106151442	1/7/03 0:00	MFG	99.9	100.2	100.3
07	106151443	1/7/03 0:00	MFG	99.9	99.8	100.2
07	106151444	1/7/03 0:00	MFG	99.9	100.3	100.5
07	106151445	1/7/03 0:00	MFG	100.2	100.3	100.2
07	106151446	1/7/03 0:00	MFG	100	100.2	100.3
07	106151447	1/7/03 0:00	MFG	100	100.2	100.3
07	106151448	1/7/03 0:00	MFG	100.1	100	99.8
07	106151449	1/7/03 0:00	MFG	100.1	100.4	99.9
07	106151450	1/7/03 0:00	MFG	99.9	100.4	100.1
07	106151451	1/7/03 0:00	MFG	100	100.2	99.8
07	106151452	1/7/03 0:00	MFG	100	100.1	100.3
07	106151453	1/7/03 0:00	MFG	100	99.9	100.2
07	106151454	1/7/03 0:00	MFG	100	100.3	100.1
07	106151455	1/7/03 0:00	MFG	99.7	99.9	100.1
07	106151456	1/7/03 0:00	MFG	99.9	100	100
07	106151457	1/7/03 0:00	MFG	99.8	99.9	99.7
07	106151458	1/7/03 0:00	MFG	99.7	99.9	100.3
07	106151459	1/7/03 0:00	MFG	100	100.2	100.2
07	106151460	1/7/03 0:00	MFG	99.8	100	100
07	106151461	1/7/03 0:00	MFG	99.8	99.9	99.7
07	106151462	1/7/03 0:00	MFG	100	100	100.5
07	106151463	1/7/03 0:00	MFG	99.9	100	100.3
07	106151464	1/7/03 0:00	MFG	100	99.9	100.6
07	106151465	1/7/03 0:00	MFG	99.9	100.1	100.3
07	106151466	1/7/03 0:00	MFG	100.1	99.8	100.2
07	106152659	1/10/03 0:00	MFG	100.1	100.1	100
07	106152660	1/10/03 0:00	MFG	100.1	100.1	100
07	106152661	1/10/03 0:00	MFG	100.1	100.1	100.1
07	106152662	1/10/03 0:00	MFG	100.1	100.1	100
07	106152663	1/10/03 0:00	MFG	100.1	100.1	100.1
07	106152664	1/10/03 0:00	MFG	100.1	100.2	100.1
07	106152665	1/10/03 0:00	MFG	100.1	100.1	100.1
07	106152666	1/10/03 0:00	MFG	100.1	100.1	100
07	106152667	1/10/03 0:00	MFG	100.1	100.1	100
07	106152668	1/10/03 0:00	MFG	100.1	100.2	100
07	106152669	1/10/03 0:00	MFG	100.1	100.1	100.1
07	106152670	1/10/03 0:00	MFG	100.1	100.2	100.1
07	106152671	1/10/03 0:00	MFG	100.1	100.1	100
07	106152672	1/10/03 0:00	MFG	100.1	100.2	100
07	106152673	1/10/03 0:00	MFG	100.1	100.1	100
07	106152674	1/10/03 0:00	MFG	100.1	100.1	100.1
07	106152675	1/10/03 0:00	MFG	100.1	100.1	100
07	106152676	1/10/03 0:00	MFG	100.1	100.1	100
07	106152677	1/10/03 0:00	MFG	100.1	100.1	100.2
07	106152678	1/10/03 0:00	MFG	100.1	100.1	100.1
07	106152679	1/10/03 0:00	MFG	100.1	100.2	100.1
07	106152680	1/10/03 0:00	MFG	100.1	100.2	100.1
07	106152681	1/10/03 0:00	MFG	100.1	100.1	100
07	106152682	1/10/03 0:00	MFG	100.1	100.1	100.1
07	106152683	1/10/03 0:00	MFG	100.1	100.1	100
07	106152684	1/10/03 0:00	MFG	100.1	100.1	100
07	106152685	1/10/03 0:00	MFG	100.1	100.1	100
07	106152686	1/10/03 0:00	MFG	100.1	100.1	100.1
07	106152687	1/10/03 0:00	MFG	100.1	100.2	100
07	106152688	1/10/03 0:00	MFG	100.1	100.1	100
07	106152689	1/10/03 0:00	MFG	100.1	100.1	100
07	106152690	1/10/03 0:00	MFG	100.1	100.1	100
07	106152691	1/10/03 0:00	MFG	100.1	100.1	100.1
07	106152692	1/10/03 0:00	MFG	100.1	100.1	100.1
07	106152693	1/10/03 0:00	MFG	100.1	100.1	99.9
07	106152694	1/10/03 0:00	MFG	100.1	100.1	100
07	106152695	1/10/03 0:00	MFG	100.1	100.2	100
07	106152696	1/10/03 0:00	MFG	100.1	100.1	100
07	106152697	1/10/03 0:00	MFG	100.1	100.2	100
07	106152698	1/10/03 0:00	MFG	100.1	100.1	100
07	106152699	1/10/03 0:00	MFG	100.1	100.1	100
07	106152700	1/10/03 0:00	MFG	100.1	100.1	100
07	106152701	1/10/03 0:00	MFG	100.1	100.2	100

07	106152702	1/10/03 0:00	MFG	100.1	100.1	100.2
07	106152070	1/20/03 0:00	MFG	100.1	100.2	100.2
07	106152071	1/20/03 0:00	MFG	100.2	100.2	100.1
07	106152072	1/20/03 0:00	MFG	100.1	100.2	100.1
07	106152073	1/20/03 0:00	MFG	100.1	100.2	100.2
07	106152074	1/20/03 0:00	MFG	100.2	100.2	100.1
07	106152075	1/20/03 0:00	MFG	100.2	100.2	100.2
07	106152076	1/20/03 0:00	MFG	100.2	100.2	100
07	106152077	1/20/03 0:00	MFG	100.2	100.1	100
07	106152078	1/20/03 0:00	MFG	100.2	100.2	100.1
07	106152079	1/20/03 0:00	MFG	100.1	100.2	100.1
07	106152080	1/20/03 0:00	MFG	100.2	100.1	100.2
07	106152081	1/20/03 0:00	MFG	100.2	100.1	100
07	106152082	1/20/03 0:00	MFG	100.2	100.1	100
07	106152083	1/20/03 0:00	MFG	100.1	100.1	100.1
07	106152084	1/20/03 0:00	MFG	100.2	100.2	100.1
07	106152085	1/20/03 0:00	MFG	100.1	100.3	100
07	106152086	1/20/03 0:00	MFG	100.1	100.2	100.2
07	106152087	1/20/03 0:00	MFG	100.1	100.2	100.1
07	106152088	1/20/03 0:00	MFG	100.2	100.1	100
07	106152089	1/20/03 0:00	MFG	100.2	100.1	100
07	106152090	1/20/03 0:00	MFG	100.2	100.1	100
07	106152091	1/20/03 0:00	MFG	100.2	100.2	100.2
07	106152092	1/20/03 0:00	MFG	100.2	100.2	100.2
07	106152093	1/20/03 0:00	MFG	100.2	100.2	100.1
07	106152094	1/20/03 0:00	MFG	100.1	100.2	100.2
07	106152095	1/20/03 0:00	MFG	100.1	100.2	100.1
07	106152096	1/20/03 0:00	MFG	100.1	100.1	100.1
07	106152097	1/20/03 0:00	MFG	100.1	100.1	100.2
07	106152098	1/20/03 0:00	MFG	100.1	100.2	100.1
07	106152099	1/20/03 0:00	MFG	100.2	100.2	100.2
07	106152100	1/20/03 0:00	MFG	100.2	100.2	100.1
07	106152101	1/20/03 0:00	MFG	100.2	100.2	100.1
07	106152102	1/20/03 0:00	MFG	100.1	100.2	100.2
07	106152103	1/20/03 0:00	MFG	100.1	100.1	100
07	106152104	1/20/03 0:00	MFG	100.1	100.2	100.1
07	106152105	1/20/03 0:00	MFG	100.1	100.1	100.2
07	106152106	1/20/03 0:00	MFG	100.1	100.2	100.1
07	106152107	1/20/03 0:00	MFG	100.2	100.2	100.1
07	106152108	1/20/03 0:00	MFG	100.2	100.1	99.9
07	106152109	1/20/03 0:00	MFG	100.2	100.2	100.2
07	106152110	1/20/03 0:00	MFG	100.1	100.1	100
07	106152111	1/20/03 0:00	MFG	100.1	100.2	100.1
07	106152112	1/20/03 0:00	MFG	100.2	100.2	100.1
07	106152113	1/20/03 0:00	MFG	100.1	100.2	100.2
07	106152114	1/20/03 0:00	MFG	100.1	100.1	100.1
07	106152115	1/20/03 0:00	MFG	100.2	100.2	100
07	106152116	1/20/03 0:00	MFG	100.2	100.2	100.1
07	106152117	1/20/03 0:00	MFG	100.1	100.1	100
07	106152118	1/20/03 0:00	MFG	100.2	100.3	100.1
07	106152119	1/20/03 0:00	MFG	100.1	100.2	100.2
07	106152120	1/20/03 0:00	MFG	100.2	100.1	100.1
07	106152121	1/20/03 0:00	MFG	100.1	100.1	100.2
07	106152122	1/20/03 0:00	MFG	100.1	100.2	100
07	106152123	1/20/03 0:00	MFG	100.2	100.1	100.2
07	106152124	1/20/03 0:00	MFG	100.2	100.2	100.1
07	106152125	1/20/03 0:00	MFG	100.2	100.2	100.1
07	106152126	1/20/03 0:00	MFG	100.1	100.2	100.2
07	106152127	1/20/03 0:00	MFG	100.2	100.2	100.2
07	106152128	1/20/03 0:00	MFG	100.2	100.2	100.1
07	106152129	1/20/03 0:00	MFG	100.2	100.1	100.1
07	106152130	1/20/03 0:00	MFG	100.2	100.2	100.2
07	106152131	1/20/03 0:00	MFG	100.2	100.2	100.1
07	106152132	1/20/03 0:00	MFG	100.1	100.2	100
07	106152133	1/20/03 0:00	MFG	100.2	100.2	100.2
07	106152134	1/20/03 0:00	MFG	100.1	100.2	100.1
07	106152135	1/20/03 0:00	MFG	100.2	100.2	100.1
07	106152136	1/20/03 0:00	MFG	100.1	100.1	100.1
07	106152137	1/20/03 0:00	MFG	100.2	100.2	100.1



07	106152138	1/20/03 0:00	MFG	100.2	100.2	100.1
07	106152139	1/20/03 0:00	MFG	100.1	100.2	100.1
07	106152140	1/20/03 0:00	MFG	100.1	100.1	100
07	106152141	1/20/03 0:00	MFG	100.2	100.2	100.1
07	106152142	1/20/03 0:00	MFG	100.2	100.2	100
07	106152143	1/20/03 0:00	MFG	100.1	100.2	100.1
07	106152144	1/20/03 0:00	MFG	100.1	100.2	100.1
07	106152145	1/20/03 0:00	MFG	100.1	100.2	100.1
07	106152146	1/20/03 0:00	MFG	100.1	100.2	100
07	106152147	1/20/03 0:00	MFG	100.2	100.2	100.2
07	106152148	1/20/03 0:00	MFG	100.2	100.2	100.1
07	106152149	1/20/03 0:00	MFG	100.2	100.2	100.1
07	106152150	1/20/03 0:00	MFG	100.1	100.2	100.2
07	106152151	1/20/03 0:00	MFG	100.2	100.2	100
07	106152152	1/20/03 0:00	MFG	100.2	100.2	100
07	106152153	1/20/03 0:00	MFG	100.1	100.2	100.1
07	106152154	1/20/03 0:00	MFG	100.1	100.1	100.1
07	106152155	1/20/03 0:00	MFG	100.1	100.2	100.1
07	106152156	1/20/03 0:00	MFG	100.2	100.3	100.1
07	106152157	1/20/03 0:00	MFG	100.2	100.2	100
07	106152158	1/20/03 0:00	MFG	100.2	100.2	100.1
07	106152159	1/20/03 0:00	MFG	100.1	100.2	100.2
07	106152160	1/20/03 0:00	MFG	100.2	100.2	99.9
07	106152161	1/20/03 0:00	MFG	100.1	100.1	100.1
07	106152162	1/20/03 0:00	MFG	100.2	100.3	100.2
07	106152163	1/20/03 0:00	MFG	100.2	100.2	100.2
07	106152164	1/20/03 0:00	MFG	100.2	100.2	100.1
07	106152165	1/20/03 0:00	MFG	100.1	100.2	100.2
07	106152337	1/20/03 0:00	MFG	100	100.1	100
07	106152338	1/20/03 0:00	MFG	100	100	100
07	106152339	1/20/03 0:00	MFG	100.1	100	100
07	106152437	1/20/03 0:00	MFG	100	100	100
07	106152438	1/20/03 0:00	MFG	100	100	99.9
07	106152439	1/20/03 0:00	MFG	100	100	100
07	106152440	1/20/03 0:00	MFG	100	100	100
07	106152445	1/20/03 0:00	MFG	100	100	100
07	106152446	1/20/03 0:00	MFG	100	100	100
07	106152447	1/20/03 0:00	MFG	100	100	100.1
07	106152448	1/20/03 0:00	MFG	100	100	100
07	106152454	1/20/03 0:00	MFG	100	99.9	100
07	106152455	1/20/03 0:00	MFG	100	100.1	100
07	106152456	1/20/03 0:00	MFG	100	100.1	100
07	106152466	1/20/03 0:00	MFG	100	100	100
07	106160195	4/8/03 0:00	MFG	100.1	100.1	100
07	106160196	4/8/03 0:00	MFG	100.1	100.1	100
07	106160197	4/8/03 0:00	MFG	100.1	100.1	100
07	106160198	4/8/03 0:00	MFG	100.1	100.1	100.1
07	106160203	4/8/03 0:00	MFG	100.1	100.1	100
07	106160204	4/8/03 0:00	MFG	100.1	100.1	100.1
07	106160205	4/8/03 0:00	MFG	100.1	100.1	100.1
07	106160206	4/8/03 0:00	MFG	100.1	100.1	100
07	106160207	4/8/03 0:00	MFG	100.1	100.2	100.1
07	106160208	4/8/03 0:00	MFG	100.1	100.1	100.1
07	106160209	4/8/03 0:00	MFG	100.1	100	100
07	106160210	4/8/03 0:00	MFG	100.1	100	100
07	106160211	4/8/03 0:00	MFG	100.1	100.1	100
07	106160212	4/8/03 0:00	MFG	100.1	100.1	100.1
07	106160438	4/10/03 0:00	MFG	100.1	100	100
07	106160441	4/10/03 0:00	MFG	100.1	100	100.1
07	106160810	4/16/03 0:00	MFG	100	100	100
07	106160811	4/16/03 0:00	MFG	100	100	100
07	106160812	4/16/03 0:00	MFG	100	100	100
07	106160813	4/16/03 0:00	MFG	100	100	100
07	106162033	5/9/03 0:00	MFG	100.1	100.1	100
07	106160814	5/12/03 0:00	MFG	100	100	100
07	106160815	5/12/03 0:00	MFG	100	100	100
07	106160816	5/12/03 0:00	MFG	100	100	100
07	106160817	5/12/03 0:00	MFG	100	100	100
07	106160818	5/12/03 0:00	MFG	100	100	99.9





07	106160957	5/12/03 0:00	MFG	100	100	100
07	106160958	5/12/03 0:00	MFG	100	100	100
07	106160959	5/12/03 0:00	MFG	100	100	99.9
07	106160960	5/12/03 0:00	MFG	100	100	100
07	106160961	5/12/03 0:00	MFG	100	100	100
07	106160962	5/12/03 0:00	MFG	100	100	100
07	106160963	5/12/03 0:00	MFG	100	100	100
07	106160964	5/12/03 0:00	MFG	100	100	100
07	106160965	5/12/03 0:00	MFG	100	100	100
07	106160966	5/12/03 0:00	MFG	100	100	100
07	106160967	5/12/03 0:00	MFG	100	100	100
07	106160968	5/12/03 0:00	MFG	100	100	99.9
07	106160969	5/12/03 0:00	MFG	100	100	100
07	106160970	5/12/03 0:00	MFG	100	100	100
07	106160971	5/12/03 0:00	MFG	100	100	100
07	106160972	5/12/03 0:00	MFG	100	100	100
07	106160973	5/12/03 0:00	MFG	100	100	100
07	106160974	5/12/03 0:00	MFG	100	100	100
07	106160975	5/12/03 0:00	MFG	100	100	100
07	106160976	5/12/03 0:00	MFG	100	100	100
07	106160977	5/12/03 0:00	MFG	100	100	100
07	106163393	5/12/03 0:00	MFG	100	100	100
07	106163720	5/12/03 0:00	MFG	100	100	100
07	106168256	5/19/03 0:00	MFG	100	100.4	100.1
07	106168257	5/19/03 0:00	MFG	100	100.2	99.7
07	106168258	5/19/03 0:00	MFG	99.9	100.2	99.8
07	106168259	5/19/03 0:00	MFG	100	100.3	99.5
07	106168260	5/19/03 0:00	MFG	99.8	100.1	100.4
07	106168261	5/19/03 0:00	MFG	99.9	100	100.1
07	106168262	5/19/03 0:00	MFG	100.2	100.3	99.7
07	106168263	5/19/03 0:00	MFG	99.9	100.2	100.1
07	106168264	5/19/03 0:00	MFG	100	100.3	100.2
07	106168265	5/19/03 0:00	MFG	100	100.2	99.5
07	106168266	5/19/03 0:00	MFG	100	100.1	100
07	106168267	5/19/03 0:00	MFG	100.1	100	99.7
07	106168268	5/19/03 0:00	MFG	99.9	100.3	100
07	106168269	5/19/03 0:00	MFG	99.9	100.2	100.3
07	106168270	5/19/03 0:00	MFG	100	100	100.4
07	106168271	5/19/03 0:00	MFG	100.3	100.2	100.3
07	106168272	5/19/03 0:00	MFG	100.1	99.9	99.9
07	106168273	5/19/03 0:00	MFG	99.9	100	100
07	106168274	5/19/03 0:00	MFG	99.8	100	99.7
07	106168275	5/19/03 0:00	MFG	99.9	100.3	99.5
07	106168276	5/19/03 0:00	MFG	100.1	100.1	100.1
07	106168277	5/19/03 0:00	MFG	99.9	100.2	99.5
07	106168278	5/19/03 0:00	MFG	100.1	100.2	100.4
07	106168279	5/19/03 0:00	MFG	99.9	100.2	99.9
07	106168280	5/19/03 0:00	MFG	100.2	100.1	100.4
07	106168281	5/19/03 0:00	MFG	99.9	100.1	99.5
07	106168282	5/19/03 0:00	MFG	99.8	100.1	100
07	106168283	5/19/03 0:00	MFG	99.8	100.1	100
07	106168284	5/19/03 0:00	MFG	100	99.7	99.6
07	106168285	5/19/03 0:00	MFG	100.1	100.2	100.2
07	106168286	5/19/03 0:00	MFG	99.9	100.4	100.3
07	106168287	5/19/03 0:00	MFG	100	100.1	99.4
07	106168288	5/19/03 0:00	MFG	100	100	100
07	106168289	5/19/03 0:00	MFG	99.9	100.1	99.7
07	106168290	5/19/03 0:00	MFG	100	100	100.4
07	106168291	5/19/03 0:00	MFG	100	99.7	99.7
07	106168292	5/19/03 0:00	MFG	100	100.1	99.5
07	106168293	5/19/03 0:00	MFG	99.9	100.2	99.6
07	106168294	5/19/03 0:00	MFG	99.9	99.9	99.9
07	106168295	5/19/03 0:00	MFG	100	99.8	99.6
07	106168296	5/19/03 0:00	MFG	99.8	100.4	99.7
07	106168297	5/19/03 0:00	MFG	100.1	100.2	100
07	106168298	5/19/03 0:00	MFG	99.9	100.1	99.7
07	106168299	5/19/03 0:00	MFG	100.2	100.3	100.4
07	106168300	5/19/03 0:00	MFG	100	99.8	100.4
07	106168301	5/19/03 0:00	MFG	99.8	100.4	100.2

07	106168302	5/19/03 0:00	MFG	100.2	100.3	99.7
07	106168303	5/19/03 0:00	MFG	99.8	100.1	99.7
07	106168304	5/19/03 0:00	MFG	100	100	100.3
07	106168305	5/19/03 0:00	MFG	99.9	99.9	99.7
07	106168306	5/19/03 0:00	MFG	99.8	99.9	100.2
07	106168307	5/19/03 0:00	MFG	99.9	100.4	100.1
07	106168308	5/19/03 0:00	MFG	99.9	100.3	100
07	106168309	5/19/03 0:00	MFG	100.1	99.9	100.1
07	106168310	5/19/03 0:00	MFG	99.9	100	99.6
07	106168311	5/19/03 0:00	MFG	99.9	100	100.1
07	106168312	5/19/03 0:00	MFG	99.9	100	99.7
07	106168313	5/19/03 0:00	MFG	100	100.1	100.4
07	106168314	5/19/03 0:00	MFG	100	99.8	99.4
07	106168315	5/19/03 0:00	MFG	100	100	99.9
07	106168316	5/19/03 0:00	MFG	100	99.9	100.3
07	106168317	5/19/03 0:00	MFG	100	100.1	100.2
07	106168318	5/19/03 0:00	MFG	99.9	100.1	100.1
07	106168319	5/19/03 0:00	MFG	99.8	100	99.8
07	106168320	5/19/03 0:00	MFG	100	100	99.7
07	106168321	5/19/03 0:00	MFG	99.9	100.1	100
07	106168322	5/19/03 0:00	MFG	99.9	100.3	99.7
07	106168323	5/19/03 0:00	MFG	99.9	99.9	99.8
07	106168324	5/19/03 0:00	MFG	99.8	100.1	100.4
07	106168325	5/19/03 0:00	MFG	99.9	99.8	99.8
07	106168326	5/19/03 0:00	MFG	100.1	100.2	99.7
07	106168327	5/19/03 0:00	MFG	99.9	100.1	100.3
07	106168328	5/19/03 0:00	MFG	100	100.1	100
07	106168329	5/19/03 0:00	MFG	99.8	100	100.2
07	106168330	5/19/03 0:00	MFG	100.1	100.2	100.3
07	106168331	5/19/03 0:00	MFG	99.9	99.8	100.4
07	106168332	5/19/03 0:00	MFG	100	99.7	100
07	106168333	5/19/03 0:00	MFG	100	99.9	99.3
07	106168334	5/19/03 0:00	MFG	99.9	100.1	100.1
07	106168335	5/19/03 0:00	MFG	99.7	100.2	99.8
07	106168336	5/19/03 0:00	MFG	99.9	100.3	99.7
07	106168337	5/19/03 0:00	MFG	99.9	100.4	100
07	106168338	5/19/03 0:00	MFG	99.9	100.1	100
07	106168339	5/19/03 0:00	MFG	100	100.2	99.7
07	106168340	5/19/03 0:00	MFG	100	100.3	99.6
07	106168341	5/19/03 0:00	MFG	100	100.2	100.3
07	106168342	5/19/03 0:00	MFG	99.9	100.1	100
07	106168343	5/19/03 0:00	MFG	100	100	100.1
07	106168344	5/19/03 0:00	MFG	100	99.9	99.8
07	106168345	5/19/03 0:00	MFG	100	100.1	99.5
07	106168346	5/19/03 0:00	MFG	99.9	100.2	99.9
07	106168347	5/19/03 0:00	MFG	99.8	100.2	100.6
07	106168348	5/19/03 0:00	MFG	100	100.1	100.1
07	106168349	5/19/03 0:00	MFG	99.9	99.9	100.3
07	106168350	5/19/03 0:00	MFG	100.1	100.4	100.6
07	106168351	5/19/03 0:00	MFG	99.8	100.1	100.2
07	106168352	5/19/03 0:00	MFG	100	100.3	99.3
07	106168353	5/19/03 0:00	MFG	100	100.3	100
07	106168354	5/19/03 0:00	MFG	100.1	100.4	100
07	106168355	5/19/03 0:00	MFG	99.7	100	99.5
07	106168356	5/19/03 0:00	MFG	100	100.2	99.9
07	106168357	5/19/03 0:00	MFG	99.8	100	100
07	106168358	5/19/03 0:00	MFG	99.9	99.9	99.4
07	106168359	5/19/03 0:00	MFG	99.8	99.9	99.7
07	106168360	5/19/03 0:00	MFG	99.9	100.1	100.2
07	106168361	5/19/03 0:00	MFG	100	100.2	100.2
07	106168362	5/19/03 0:00	MFG	100	99.6	99.6
07	106168363	5/19/03 0:00	MFG	100	100	99.8
07	106168364	5/19/03 0:00	MFG	100	100.2	100.6
07	106168365	5/19/03 0:00	MFG	100	100.3	100
07	106168366	5/19/03 0:00	MFG	100.2	100.4	100.8
07	106168367	5/19/03 0:00	MFG	99.9	100.1	99.8
07	106168368	5/19/03 0:00	MFG	99.8	100	100.4
07	106168369	5/19/03 0:00	MFG	99.8	99.9	100
07	106168370	5/19/03 0:00	MFG	100	100	99.7

07	106168371	5/19/03 0:00	MFG	99.9	100	100
07	106168372	5/19/03 0:00	MFG	100.1	100.2	100.2
07	106168373	5/19/03 0:00	MFG	99.9	99.9	99.7
07	106168374	5/19/03 0:00	MFG	100.1	100.3	100.6
07	106168375	5/19/03 0:00	MFG	99.9	100.1	99.6
07	106168376	5/19/03 0:00	MFG	99.9	99.8	99.9
07	106168377	5/19/03 0:00	MFG	99.9	100	99.9
07	106168378	5/19/03 0:00	MFG	99.9	100.3	100.2
07	106168379	5/19/03 0:00	MFG	99.8	99.8	100.4
07	106168380	5/19/03 0:00	MFG	99.9	100.1	100.1
07	106168381	5/19/03 0:00	MFG	100	100.2	99.5
07	106168382	5/19/03 0:00	MFG	100.1	100.1	100.5
07	106168383	5/19/03 0:00	MFG	99.7	100	99.9
07	106168384	5/19/03 0:00	MFG	100	100.3	99.7
07	106168385	5/19/03 0:00	MFG	99.9	100.1	100.8
07	106168386	5/19/03 0:00	MFG	100	99.9	100
07	106168387	5/19/03 0:00	MFG	99.9	100.3	99.9
07	106168388	5/19/03 0:00	MFG	100	100	100.1
07	106168389	5/19/03 0:00	MFG	100.2	100	100.6
07	106168390	5/19/03 0:00	MFG	99.9	100	100
07	106168391	5/19/03 0:00	MFG	100	100.2	100
07	106168392	5/19/03 0:00	MFG	99.9	100.3	100.3
07	106168393	5/19/03 0:00	MFG	100	100.2	100.3
07	106168394	5/19/03 0:00	MFG	100	100.1	99.5
07	106168395	5/19/03 0:00	MFG	99.9	100.4	100.3
07	106168396	5/19/03 0:00	MFG	100.2	100.2	100
07	106168397	5/19/03 0:00	MFG	99.9	100.1	100.5
07	106168398	5/19/03 0:00	MFG	100.1	100.2	99.7
07	106168399	5/19/03 0:00	MFG	99.9	100	100.3
07	106168400	5/19/03 0:00	MFG	100.1	100.2	100.1
07	106168401	5/19/03 0:00	MFG	99.8	100.1	100.2
07	106168402	5/19/03 0:00	MFG	100	100.1	99.8
07	106168403	5/19/03 0:00	MFG	100.1	100.4	100.3
07	106168404	5/19/03 0:00	MFG	100	100	99.9
07	106168405	5/19/03 0:00	MFG	99.9	99.9	99.4
07	106168406	5/19/03 0:00	MFG	99.8	100.1	100.1
07	106168407	5/19/03 0:00	MFG	100.1	99.9	100.3
07	106168408	5/19/03 0:00	MFG	100	100.1	99.9
07	106168409	5/19/03 0:00	MFG	100.1	100	100.3
07	106168410	5/19/03 0:00	MFG	100.3	100.4	100.2
07	106168411	5/19/03 0:00	MFG	99.8	99.8	99.7
07	106168412	5/19/03 0:00	MFG	99.9	100.1	100
07	106168413	5/19/03 0:00	MFG	99.9	100.2	100
07	106168414	5/19/03 0:00	MFG	100	100.1	100.1
07	106168415	5/19/03 0:00	MFG	99.9	100	99.8
07	106168416	5/19/03 0:00	MFG	99.9	99.9	100.3
07	106168417	5/19/03 0:00	MFG	99.8	99.6	99.6
07	106168418	5/19/03 0:00	MFG	99.8	99.8	99.8
07	106168419	5/19/03 0:00	MFG	100	100.1	99.9
07	106168420	5/19/03 0:00	MFG	99.9	99.8	99.8
07	106168421	5/19/03 0:00	MFG	99.9	100.2	100.5
07	106168422	5/19/03 0:00	MFG	100.1	100	99.9
07	106168423	5/19/03 0:00	MFG	99.8	99.9	99.8
07	106168424	5/19/03 0:00	MFG	99.7	100	99.6
07	106168425	5/19/03 0:00	MFG	100	100.1	100
07	106168426	5/19/03 0:00	MFG	99.8	100.3	99.5
07	106168427	5/19/03 0:00	MFG	100	100.2	99.8
07	106168428	5/19/03 0:00	MFG	100.1	100.4	99.7
07	106168429	5/19/03 0:00	MFG	100	100.1	99.9
07	106168430	5/19/03 0:00	MFG	99.8	100	100.2
07	106168431	5/19/03 0:00	MFG	100	100.1	100.3
07	106168432	5/19/03 0:00	MFG	99.9	100	100.1
07	106168433	5/19/03 0:00	MFG	99.9	100.3	99.8
07	106168434	5/19/03 0:00	MFG	99.8	99.8	99.9
07	106168435	5/19/03 0:00	MFG	100.1	100.1	100.1
07	106168436	5/19/03 0:00	MFG	100	99.9	99.8
07	106168437	5/19/03 0:00	MFG	100	100.1	99.9
07	106168438	5/19/03 0:00	MFG	99.9	100.3	100
07	106168439	5/19/03 0:00	MFG	99.9	100.3	99.9

07	106168440	5/19/03 0:00	MFG	99.9	99.8	99.7
07	106168441	5/19/03 0:00	MFG	99.9	100.1	100
07	106168442	5/19/03 0:00	MFG	99.9	100.2	99.8
07	106168443	5/19/03 0:00	MFG	99.9	100.4	99.9
07	106168444	5/19/03 0:00	MFG	100	100.2	99.7
07	106168445	5/19/03 0:00	MFG	100	100.2	99.6
07	106168446	5/19/03 0:00	MFG	99.9	100.4	100
07	106168447	5/19/03 0:00	MFG	100	100.4	99.8
07	106168448	5/19/03 0:00	MFG	99.9	100.2	100.1
07	106168449	5/19/03 0:00	MFG	100.1	100.2	99.9
07	106168450	5/19/03 0:00	MFG	99.9	100.4	100.1
07	106168451	5/19/03 0:00	MFG	99.9	100.1	100
07	106168452	5/19/03 0:00	MFG	100	100.3	100
07	106168453	5/19/03 0:00	MFG	99.8	100	100.1
07	106168454	5/19/03 0:00	MFG	99.9	100.4	100
07	106168455	5/19/03 0:00	MFG	99.9	99.9	100.1
07	106168456	5/19/03 0:00	MFG	100	100.3	99.9
07	106168457	5/19/03 0:00	MFG	99.9	100.2	99.9
07	106168458	5/19/03 0:00	MFG	100	100.1	100.1
07	106168459	5/19/03 0:00	MFG	99.8	100.3	100.1
07	106168460	5/19/03 0:00	MFG	100	100.3	100.2
07	106168461	5/19/03 0:00	MFG	100	100.2	100
07	106168462	5/19/03 0:00	MFG	99.9	100.2	100.2
07	106168463	5/19/03 0:00	MFG	99.9	100.2	99.9
07	106168464	5/19/03 0:00	MFG	100	100.4	99.9
07	106168465	5/19/03 0:00	MFG	100	99.9	100.2
07	106168466	5/19/03 0:00	MFG	99.9	100	99.8
07	106168467	5/19/03 0:00	MFG	99.9	100.1	99.9
07	106168468	5/19/03 0:00	MFG	100	99.8	99.8
07	106168469	5/19/03 0:00	MFG	99.8	100.2	99.7
07	106168470	5/19/03 0:00	MFG	99.9	100.1	99.9
07	106168471	5/19/03 0:00	MFG	100	100.4	99.8
07	106168472	5/19/03 0:00	MFG	99.8	100.1	99.9
07	106168473	5/19/03 0:00	MFG	100	100	99.6
07	106168474	5/19/03 0:00	MFG	100.1	100.2	100.6
07	106168475	5/19/03 0:00	MFG	100	100.1	100.2
07	106168476	5/19/03 0:00	MFG	99.9	100.2	99.8
07	106168477	5/19/03 0:00	MFG	100	99.9	100.3
07	106168478	5/19/03 0:00	MFG	100	100.1	99.5
07	106168479	5/19/03 0:00	MFG	99.9	100.1	99.7
07	106168480	5/19/03 0:00	MFG	99.9	99.8	99.7
07	106168481	5/19/03 0:00	MFG	99.9	100.1	100.1
07	106168482	5/19/03 0:00	MFG	99.9	99.9	99.7
07	106168483	5/19/03 0:00	MFG	100	100.2	100.1
07	106168484	5/19/03 0:00	MFG	100.1	100.4	100.2
07	106168485	5/19/03 0:00	MFG	100.1	100.2	100.3
07	106168486	5/19/03 0:00	MFG	100	99.9	99.9
07	106168487	5/19/03 0:00	MFG	99.9	99.9	99.7
07	106168488	5/19/03 0:00	MFG	100	100	100.2
07	106168489	5/19/03 0:00	MFG	100.1	100.3	100.1
07	106168490	5/19/03 0:00	MFG	99.9	100.1	100.2
07	106168491	5/19/03 0:00	MFG	100.1	100.2	100.2
07	106168492	5/19/03 0:00	MFG	99.8	99.8	99.7
07	106168493	5/19/03 0:00	MFG	100.1	100.1	100.3
07	106168494	5/19/03 0:00	MFG	100	100.1	99.8
07	106168495	5/19/03 0:00	MFG	99.9	100.4	99.8
07	106168496	5/19/03 0:00	MFG	99.9	100.1	100.1
07	106168497	5/19/03 0:00	MFG	100	100.2	100.3
07	106168498	5/19/03 0:00	MFG	100.1	100.2	99.9
07	106168499	5/19/03 0:00	MFG	99.9	100	99.8
07	106168500	5/19/03 0:00	MFG	100.2	100.3	100
07	106168501	5/19/03 0:00	MFG	100.1	100	99.7
07	106168502	5/19/03 0:00	MFG	100.1	100.1	100
07	106168503	5/19/03 0:00	MFG	99.9	100	99.9
07	106168504	5/19/03 0:00	MFG	100.1	100.3	99.8
07	106168505	5/19/03 0:00	MFG	100	100.2	99.9
07	106168506	5/19/03 0:00	MFG	99.9	100.1	100.3
07	106168507	5/19/03 0:00	MFG	100.1	100.1	99.9
07	106168508	5/19/03 0:00	MFG	100	100.1	100.2

07	106168509	5/19/03 0:00	MFG	99.9	100.3	100.1
07	106168510	5/19/03 0:00	MFG	99.9	99.9	100.1
07	106168511	5/19/03 0:00	MFG	100	99.7	99.9
07	106168512	5/19/03 0:00	MFG	99.8	100.2	100.1
07	106168513	5/19/03 0:00	MFG	99.9	100	99.9
07	106168514	5/19/03 0:00	MFG	100.1	100.1	99.7
07	106168515	5/19/03 0:00	MFG	100.1	99.9	100.2
07	106168516	5/19/03 0:00	MFG	100.1	100.2	99.9
07	106168517	5/19/03 0:00	MFG	100	100.1	100
07	106168518	5/19/03 0:00	MFG	99.9	100.2	100
07	106168519	5/19/03 0:00	MFG	100	99.9	100
07	106168520	5/19/03 0:00	MFG	100	100.1	99.7
07	106168521	5/19/03 0:00	MFG	100	100.1	100.4
07	106168522	5/19/03 0:00	MFG	100	100.2	100.3
07	106168523	5/19/03 0:00	MFG	99.9	100	99.7
07	106168524	5/19/03 0:00	MFG	99.9	100.4	100.2
07	106168525	5/19/03 0:00	MFG	100	99.9	100.1
07	106168526	5/19/03 0:00	MFG	99.9	100.2	99.6
07	106168527	5/19/03 0:00	MFG	99.9	100.2	99.8
07	106168528	5/19/03 0:00	MFG	100	100.2	100.3
07	106168529	5/19/03 0:00	MFG	100.1	100.2	100.6
07	106168530	5/19/03 0:00	MFG	100.1	100	99.6
07	106168531	5/19/03 0:00	MFG	100	100.3	99.7
07	106168532	5/19/03 0:00	MFG	100.2	100.4	100.1
07	106168533	5/19/03 0:00	MFG	100.2	100	100.6
07	106168534	5/19/03 0:00	MFG	99.9	100.1	99.5
07	106168535	5/19/03 0:00	MFG	100.2	100.1	100.1
07	106168536	5/19/03 0:00	MFG	100.1	100.2	100.1
07	106168537	5/19/03 0:00	MFG	99.8	100.1	100
07	106168538	5/19/03 0:00	MFG	100.2	100.3	100.3
07	106168539	5/19/03 0:00	MFG	99.9	100	100.2
07	106168540	5/19/03 0:00	MFG	100.1	100.1	100.4
07	106168541	5/19/03 0:00	MFG	100	100.3	100.2
07	106168542	5/19/03 0:00	MFG	100.1	100.3	100.2
07	106168543	5/19/03 0:00	MFG	100.1	100.1	100
07	106168544	5/19/03 0:00	MFG	100.1	100.2	100.2
07	106168545	5/19/03 0:00	MFG	100	100.2	100.2
07	106168546	5/19/03 0:00	MFG	100.2	100.1	99.8
07	106168547	5/19/03 0:00	MFG	99.9	99.9	100.3
07	106168548	5/19/03 0:00	MFG	99.9	100.1	100.2
07	106168549	5/19/03 0:00	MFG	99.8	99.9	99.8
07	106168550	5/19/03 0:00	MFG	100	100.1	99.8
07	106168551	5/19/03 0:00	MFG	100	99.9	100.3
07	106168552	5/19/03 0:00	MFG	99.9	100.1	100
07	106168553	5/19/03 0:00	MFG	100	100.1	100.1
07	106168554	5/19/03 0:00	MFG	100	100.2	99.4
07	106168555	5/19/03 0:00	MFG	100.1	100.1	99.9
07	106168556	5/19/03 0:00	MFG	99.8	100.1	99.9
07	106168557	5/19/03 0:00	MFG	100.1	99.9	99.8
07	106168558	5/19/03 0:00	MFG	99.9	100.4	100.1
07	106168559	5/19/03 0:00	MFG	100.1	99.9	99.9
07	106168560	5/19/03 0:00	MFG	100.3	100.4	100
07	106168561	5/19/03 0:00	MFG	100	99.9	99.5
07	106168562	5/19/03 0:00	MFG	100.1	100.3	100.5
07	106168563	5/19/03 0:00	MFG	99.9	100.1	100
07	106168564	5/19/03 0:00	MFG	100	100.1	99.6
07	106168565	5/19/03 0:00	MFG	99.9	100.3	100.1
07	106168566	5/19/03 0:00	MFG	99.9	99.9	99.7
07	106168567	5/19/03 0:00	MFG	100	100	100.2
07	106168568	5/19/03 0:00	MFG	99.9	100.1	100.1
07	106168569	5/19/03 0:00	MFG	100	100.2	100.2
07	106168570	5/19/03 0:00	MFG	99.8	100.2	100.2
07	106168571	5/19/03 0:00	MFG	100	100.4	100
07	106168572	5/19/03 0:00	MFG	100.1	100.3	100.4
07	106168573	5/19/03 0:00	MFG	100	100.1	100.3
07	106168574	5/19/03 0:00	MFG	99.9	100.1	99.7
07	106168575	5/19/03 0:00	MFG	99.9	100.1	100.3
07	106168576	5/19/03 0:00	MFG	100.1	100.1	100.3
07	106168577	5/19/03 0:00	MFG	99.8	99.9	99.3



07	106168578	5/19/03 0:00	MFG	99.9	100.3	99.8
07	106168579	5/19/03 0:00	MFG	100	100.2	99.6
07	106168580	5/19/03 0:00	MFG	99.9	100.2	99.7
07	106168581	5/19/03 0:00	MFG	100	100	99.6
07	106168582	5/19/03 0:00	MFG	100	100.1	99.7
07	106168583	5/19/03 0:00	MFG	99.8	100.1	99.4
07	106168584	5/19/03 0:00	MFG	100	100	100
07	106168585	5/19/03 0:00	MFG	100	100.2	100.2
07	106168586	5/19/03 0:00	MFG	100	100.1	99.7
07	106168587	5/19/03 0:00	MFG	100	100.1	99.4
07	106168588	5/19/03 0:00	MFG	99.8	100	99.9
07	106168589	5/19/03 0:00	MFG	100	100.2	99.5
07	106168590	5/19/03 0:00	MFG	100.1	100.4	100.2
07	106168591	5/19/03 0:00	MFG	100	100.4	100.2
07	106168592	5/19/03 0:00	MFG	99.9	100	100.7
07	106168593	5/19/03 0:00	MFG	99.9	100.3	99.6
07	106168594	5/19/03 0:00	MFG	99.9	100	99.9
07	106168595	5/19/03 0:00	MFG	100	100.1	100.4
07	106168596	5/19/03 0:00	MFG	99.9	100	99.9
07	106168597	5/19/03 0:00	MFG	100.1	100.1	100.2
07	106168598	5/19/03 0:00	MFG	99.9	100.1	99.8
07	106168599	5/19/03 0:00	MFG	100	100.1	100
07	106168600	5/19/03 0:00	MFG	100	100.3	99.7
07	106168601	5/19/03 0:00	MFG	100.1	100.4	100.1
07	106168602	5/19/03 0:00	MFG	100.1	100.2	100.5
07	106168603	5/19/03 0:00	MFG	100	100.1	100.3
07	106168604	5/19/03 0:00	MFG	100.1	100.1	100
07	106168605	5/19/03 0:00	MFG	100	100.3	99.7
07	106168606	5/19/03 0:00	MFG	99.9	100	99.8
07	106168607	5/19/03 0:00	MFG	100	100.3	100.4
07	106168608	5/19/03 0:00	MFG	100	99.9	99.5
07	106168609	5/19/03 0:00	MFG	99.9	99.9	100.1
07	106168610	5/19/03 0:00	MFG	100.1	100.4	99.9
07	106168611	5/19/03 0:00	MFG	99.9	100.2	100.1
07	106168612	5/19/03 0:00	MFG	100.2	100	100.2
07	106168613	5/19/03 0:00	MFG	100	100.1	100
07	106168614	5/19/03 0:00	MFG	99.8	100.3	99.9
07	106168615	5/19/03 0:00	MFG	100	100.5	100.1
07	106168616	5/19/03 0:00	MFG	100.1	100	99.7
07	106168617	5/19/03 0:00	MFG	100	100.2	100.3
07	106168618	5/19/03 0:00	MFG	99.9	99.9	100
07	106168619	5/19/03 0:00	MFG	100	100.2	100
07	106168620	5/19/03 0:00	MFG	100.1	100.1	100.1
07	106168621	5/19/03 0:00	MFG	100	100	100.1
07	106168622	5/19/03 0:00	MFG	100	100.2	99.9
07	106168623	5/19/03 0:00	MFG	99.8	100.3	99.8
07	106168624	5/19/03 0:00	MFG	100.1	100.1	100.1
07	106168625	5/19/03 0:00	MFG	100	100.3	100.1
07	106168626	5/19/03 0:00	MFG	100	99.9	99.8
07	106168627	5/19/03 0:00	MFG	100.1	100.2	99.4
07	106168628	5/19/03 0:00	MFG	99.8	99.9	99.8
07	106168629	5/19/03 0:00	MFG	100	100.3	100.4
07	106168630	5/19/03 0:00	MFG	100	100.2	100.1
07	106168631	5/19/03 0:00	MFG	100.3	100.4	100.1
07	106168632	5/19/03 0:00	MFG	100.1	100.2	100.6
07	106168633	5/19/03 0:00	MFG	100.1	100.2	100
07	106168634	5/19/03 0:00	MFG	100.2	100.2	100.3
07	106168635	5/19/03 0:00	MFG	99.9	100.2	99.9
07	106168636	5/19/03 0:00	MFG	99.9	100	99.9
07	106168637	5/19/03 0:00	MFG	100	100.3	99.8
07	106168638	5/19/03 0:00	MFG	100	100.1	100
07	106168639	5/19/03 0:00	MFG	100	100.1	100.1
07	106168640	5/19/03 0:00	MFG	100.1	100.1	99.6
07	106168641	5/19/03 0:00	MFG	99.8	99.8	99.3
07	106168642	5/19/03 0:00	MFG	99.9	100	99.8
07	106168643	5/19/03 0:00	MFG	99.9	100.1	99.8
07	106168644	5/19/03 0:00	MFG	99.9	100.1	99.9
07	106168645	5/19/03 0:00	MFG	100.1	100.2	99.9
07	106168646	5/19/03 0:00	MFG	99.9	100.3	99.5

07	106168647	5/19/03 0:00	MFG	100.1	100.5	100.3
07	106168648	5/19/03 0:00	MFG	99.8	100	100
07	106168649	5/19/03 0:00	MFG	100	99.9	99.6
07	106168650	5/19/03 0:00	MFG	100	99.8	99.8
07	106168651	5/19/03 0:00	MFG	99.9	100.1	99.9
07	106168652	5/19/03 0:00	MFG	99.9	99.8	99.8
07	106168653	5/19/03 0:00	MFG	100	100.3	100.1
07	106168654	5/19/03 0:00	MFG	99.9	99.9	100
07	106168655	5/19/03 0:00	MFG	99.9	100.1	100.1
07	106168656	5/19/03 0:00	MFG	99.9	100	100
07	106168657	5/19/03 0:00	MFG	100.2	100.2	100.4
07	106168658	5/19/03 0:00	MFG	99.7	99.6	99.7
07	106168659	5/19/03 0:00	MFG	99.8	100.3	100.1
07	106168660	5/19/03 0:00	MFG	99.9	100.3	100
07	106168661	5/19/03 0:00	MFG	100	100.3	99.8
07	106168662	5/19/03 0:00	MFG	100.1	100.1	100.1
07	106168663	5/19/03 0:00	MFG	99.7	100.3	99.7
07	106168664	5/19/03 0:00	MFG	100.1	100	100.1
07	106168665	5/19/03 0:00	MFG	100	100.3	100.1
07	106168666	5/19/03 0:00	MFG	99.9	99.8	99.8
07	106168667	5/19/03 0:00	MFG	100	100.2	100
07	106168668	5/19/03 0:00	MFG	100	100	100.1
07	106168669	5/19/03 0:00	MFG	99.9	100.2	100.5
07	106168670	5/19/03 0:00	MFG	99.7	100.1	99.7
07	106168671	5/19/03 0:00	MFG	99.9	100.2	100.3
07	106168672	5/19/03 0:00	MFG	100	100	99.9
07	106168673	5/19/03 0:00	MFG	100	100.3	100.3
07	106168674	5/19/03 0:00	MFG	99.9	100	100.1
07	106168675	5/19/03 0:00	MFG	100	100	100
07	106168676	5/19/03 0:00	MFG	100.2	100	100.3
07	106168677	5/19/03 0:00	MFG	100	100.2	100.4
07	106168678	5/19/03 0:00	MFG	100	100.2	100.5
07	106168679	5/19/03 0:00	MFG	99.9	100.3	100.2
07	106168680	5/19/03 0:00	MFG	100	100.1	100.1
07	106168681	5/19/03 0:00	MFG	99.9	100.3	99.9
07	106168682	5/19/03 0:00	MFG	99.9	100	100
07	106168683	5/19/03 0:00	MFG	99.9	99.9	99.9
07	106168684	5/19/03 0:00	MFG	100	100	99.8
07	106168685	5/19/03 0:00	MFG	100	100	100.3
07	106168686	5/19/03 0:00	MFG	100.1	100.3	100.7
07	106168687	5/19/03 0:00	MFG	100	100.2	99.8
07	106168688	5/19/03 0:00	MFG	100	100.1	100.2
07	106168689	5/19/03 0:00	MFG	100	99.8	100.1
07	106168690	5/19/03 0:00	MFG	99.8	100.2	100.5
07	106168691	5/19/03 0:00	MFG	100.1	100.2	99.9
07	106168692	5/19/03 0:00	MFG	100	99.8	100.2
07	106168693	5/19/03 0:00	MFG	100	100.3	100.2
07	106168694	5/19/03 0:00	MFG	100	100.4	99.8
07	106168695	5/19/03 0:00	MFG	100	100.2	99.7
07	106168696	5/19/03 0:00	MFG	100	99.9	100
07	106168697	5/19/03 0:00	MFG	100.1	100.2	99.4
07	106168698	5/19/03 0:00	MFG	100	100.1	100
07	106168699	5/19/03 0:00	MFG	100	100.2	100
07	106168700	5/19/03 0:00	MFG	99.8	99.9	99.8
07	106168702	5/19/03 0:00	MFG	100.1	100.1	99.9
07	106168704	5/19/03 0:00	MFG	99.9	100.1	99.6
07	106168705	5/19/03 0:00	MFG	99.9	100	100.1
07	106168706	5/19/03 0:00	MFG	100	100	99.6
07	106168707	5/19/03 0:00	MFG	100	100.2	100.1
07	106168708	5/19/03 0:00	MFG	100	100	100
07	106168709	5/19/03 0:00	MFG	100	100.2	100.4
07	106168710	5/19/03 0:00	MFG	99.9	100.1	99.4
07	106168711	5/19/03 0:00	MFG	99.8	100	100.4
07	106168712	5/19/03 0:00	MFG	99.9	100	99.7
07	106168713	5/19/03 0:00	MFG	100.2	100.1	100.3
07	106168714	5/19/03 0:00	MFG	99.9	99.9	99.7
07	106168715	5/19/03 0:00	MFG	100.1	100.4	100.3
07	106168716	5/19/03 0:00	MFG	100	100.3	100
07	106168717	5/19/03 0:00	MFG	100	100	100.4

07	106168718	5/19/03 0:00	MFG	99.8	99.9	100.1
07	106168719	5/19/03 0:00	MFG	99.9	99.9	100
07	106168720	5/19/03 0:00	MFG	99.9	100.1	100.1
07	106168721	5/19/03 0:00	MFG	100	100.1	99.9
07	106168722	5/19/03 0:00	MFG	99.9	100.2	100.4
07	106168723	5/19/03 0:00	MFG	100.1	100.3	100.4
07	106168724	5/19/03 0:00	MFG	100.1	100.4	99.8
07	106168725	5/19/03 0:00	MFG	100.1	100.2	100.6
07	106168726	5/19/03 0:00	MFG	100.2	100.1	100.4
07	106168727	5/19/03 0:00	MFG	100.1	100.2	100
07	106168728	5/19/03 0:00	MFG	100	99.9	100.2
07	106168729	5/19/03 0:00	MFG	99.9	100	99.7
07	106168730	5/19/03 0:00	MFG	100	100	100.4
07	106168731	5/19/03 0:00	MFG	99.9	100.2	100.1
07	106168732	5/19/03 0:00	MFG	100.2	100.3	100.2
07	106168733	5/19/03 0:00	MFG	99.9	100	100.5
07	106168734	5/19/03 0:00	MFG	99.9	100.1	100.3
07	106168735	5/19/03 0:00	MFG	100.1	99.8	100.3
07	106164324	6/10/03 0:00	MFG	100	100	100
07	106164325	6/10/03 0:00	MFG	100	100	100
07	106164326	6/10/03 0:00	MFG	100	100	100
07	106164327	6/10/03 0:00	MFG	100	100	99.9
07	106164328	6/10/03 0:00	MFG	100	100	100
07	106164329	6/10/03 0:00	MFG	100	99.9	100
07	106164330	6/10/03 0:00	MFG	100	100	100
07	106164331	6/10/03 0:00	MFG	100	100	100
07	106164332	6/10/03 0:00	MFG	100	100	100.1
07	106164333	6/10/03 0:00	MFG	100	100	100
07	106164334	6/10/03 0:00	MFG	100	100	100
07	106164335	6/10/03 0:00	MFG	100	100	100
07	106164336	6/10/03 0:00	MFG	100	100	100
07	106164337	6/10/03 0:00	MFG	100	100	100
07	106164338	6/10/03 0:00	MFG	100	100	100
07	106164339	6/10/03 0:00	MFG	100	100.1	100
07	106164340	6/10/03 0:00	MFG	100	100	100
07	106164341	6/10/03 0:00	MFG	100	100	100
07	106164342	6/10/03 0:00	MFG	100	100	100
07	106164343	6/10/03 0:00	MFG	100	100	99.9
07	106164344	6/10/03 0:00	MFG	100	100	100
07	106164345	6/10/03 0:00	MFG	100	100	100
07	106164346	6/10/03 0:00	MFG	100	100	100
07	106164347	6/10/03 0:00	MFG	100	100	100
07	106164348	6/10/03 0:00	MFG	100	100	100
07	106164349	6/10/03 0:00	MFG	100	100	100
07	106164350	6/10/03 0:00	MFG	100	100	100
07	106164351	6/10/03 0:00	MFG	100	100	100
07	106164352	6/10/03 0:00	MFG	100	100	100
07	106164353	6/10/03 0:00	MFG	100	100	100
07	106164354	6/10/03 0:00	MFG	100	100	100
07	106164355	6/10/03 0:00	MFG	100	100	100
07	106164356	6/10/03 0:00	MFG	100	100	100
07	106164357	6/10/03 0:00	MFG	100	100	100
07	106164358	6/10/03 0:00	MFG	100	100	100
07	106164359	6/10/03 0:00	MFG	100	100	100
07	106164360	6/10/03 0:00	MFG	100	100	100
07	106164361	6/10/03 0:00	MFG	100	100	100
07	106164362	6/10/03 0:00	MFG	100	100	100
07	106164363	6/10/03 0:00	MFG	100	100	100
07	106164364	6/10/03 0:00	MFG	100	100	100
07	106164365	6/10/03 0:00	MFG	100	100	100
07	106164366	6/10/03 0:00	MFG	100	100	99.9
07	106164367	6/10/03 0:00	MFG	100	100	100
07	106164368	6/10/03 0:00	MFG	100	100	100
07	106164369	6/10/03 0:00	MFG	100	100.1	100
07	106164370	6/10/03 0:00	MFG	100	100.1	100
07	106164371	6/10/03 0:00	MFG	100	100	99.9
07	106164372	6/10/03 0:00	MFG	100	100	100
07	106164373	6/10/03 0:00	MFG	100	100	100
07	106164374	6/10/03 0:00	MFG	100	100	100

07	106164375	6/10/03 0:00	MFG	100	100	100
07	106164376	6/10/03 0:00	MFG	100	100.1	100.1
07	106164377	6/10/03 0:00	MFG	100	100	100
07	106164378	6/10/03 0:00	MFG	100	100	100.1
07	106164379	6/10/03 0:00	MFG	100	100	100
07	106164380	6/10/03 0:00	MFG	100	100	100
07	106164381	6/10/03 0:00	MFG	100	100	100
07	106164382	6/10/03 0:00	MFG	100	100	100
07	106164383	6/10/03 0:00	MFG	100	100.1	100
07	106164384	6/10/03 0:00	MFG	100	100	100
07	106164385	6/10/03 0:00	MFG	100	100	100
07	106164386	6/10/03 0:00	MFG	100	100	100
07	106164387	6/10/03 0:00	MFG	100	100	100
07	106164388	6/10/03 0:00	MFG	100	100	99.9
07	106164389	6/10/03 0:00	MFG	100	100	100
07	106164390	6/10/03 0:00	MFG	100	100.1	100
07	106164391	6/10/03 0:00	MFG	100	100	100
07	106164392	6/10/03 0:00	MFG	100	100	99.9
07	106164393	6/10/03 0:00	MFG	100	100	100
07	106164394	6/10/03 0:00	MFG	100	100	100
07	106164395	6/10/03 0:00	MFG	100	100	99.9
07	106164396	6/10/03 0:00	MFG	100	100.1	100
07	106164397	6/10/03 0:00	MFG	100	100.1	100
07	106164398	6/10/03 0:00	MFG	100	100.1	100
07	106164399	6/10/03 0:00	MFG	100	100	100
07	106164400	6/10/03 0:00	MFG	100	100	100
07	106164401	6/10/03 0:00	MFG	100	100.1	100
07	106164402	6/10/03 0:00	MFG	100	100	100
07	106164403	6/10/03 0:00	MFG	100	100	100
07	106164404	6/10/03 0:00	MFG	100	100	100
07	106164405	6/10/03 0:00	MFG	100	100	100
07	106164406	6/10/03 0:00	MFG	100	100	100
07	106164407	6/10/03 0:00	MFG	100	100	100
07	106164408	6/10/03 0:00	MFG	100	100	100
07	106164409	6/10/03 0:00	MFG	100	100	100
07	106164410	6/10/03 0:00	MFG	100	100	100
07	106164411	6/10/03 0:00	MFG	100	100	100
07	106164412	6/10/03 0:00	MFG	100	100	100
07	106164413	6/10/03 0:00	MFG	100	100	100
07	106164414	6/10/03 0:00	MFG	100.1	100	100
07	106164415	6/10/03 0:00	MFG	100	100.1	100
07	106164416	6/10/03 0:00	MFG	100	100	100
07	106164417	6/10/03 0:00	MFG	100	100	100
07	106164418	6/10/03 0:00	MFG	100	100	100
07	106164419	6/10/03 0:00	MFG	100	100	100
07	106171542	7/28/03 0:00	MFG	100.1	100	100
07	106171543	7/28/03 0:00	MFG	100.1	100.1	100
07	106171544	7/28/03 0:00	MFG	100.1	100	100
07	106171545	7/28/03 0:00	MFG	100.1	100.1	100
07	106171546	7/28/03 0:00	MFG	100.2	100.1	100
07	106171547	7/28/03 0:00	MFG	100.1	100.1	100
07	106171548	7/28/03 0:00	MFG	100.2	100.1	100
07	106171549	7/28/03 0:00	MFG	100.2	100.1	100
07	106171550	7/28/03 0:00	MFG	100.1	100.1	100
07	106171551	7/28/03 0:00	MFG	100.2	100.1	100.1
07	106171552	7/28/03 0:00	MFG	100.1	100.1	100
07	106171553	7/28/03 0:00	MFG	100.2	100.1	100
07	106171554	7/28/03 0:00	MFG	100.1	100.1	100.1
07	106171555	7/28/03 0:00	MFG	100.1	100.1	100
07	106171556	7/28/03 0:00	MFG	100.1	100.1	100
07	106171557	7/28/03 0:00	MFG	100.2	100.1	100.1
07	106171558	7/28/03 0:00	MFG	100.2	100.1	100
07	106171559	7/28/03 0:00	MFG	100.2	100.1	100
07	106171560	7/28/03 0:00	MFG	100.1	100.1	100.1
07	106171561	7/28/03 0:00	MFG	100.1	100.1	100
07	106171562	7/28/03 0:00	MFG	100.2	100.1	100
07	106171563	7/28/03 0:00	MFG	100.1	100.1	100
07	106171564	7/28/03 0:00	MFG	100.1	100	100
07	106171565	7/28/03 0:00	MFG	100.1	100.1	100.1

07	106171566	7/28/03 0:00	MFG	100.2	100.1	100
07	106171567	7/28/03 0:00	MFG	100.2	100.1	100
07	106171568	7/28/03 0:00	MFG	100.1	100	100
07	106171569	7/28/03 0:00	MFG	100.2	100.1	100.1
07	106171570	7/28/03 0:00	MFG	100.2	100.1	100
07	106171571	7/28/03 0:00	MFG	100.2	100.1	100
07	106171572	7/28/03 0:00	MFG	100.1	100	100
07	106171573	7/28/03 0:00	MFG	100.1	100.1	100.1
07	106110199	8/15/03 0:00	MFG	100	100	100
07	106180222	9/9/03 0:00	MFG	100	100	100
07	106179926	9/29/03 0:00	MFG	100.1	100	100
07	106179927	9/29/03 0:00	MFG	100.1	100.1	100
07	106179928	9/29/03 0:00	MFG	100.2	100.1	100.1
07	106179929	9/29/03 0:00	MFG	100.1	100.1	100.1
07	106179930	9/29/03 0:00	MFG	100.1	100.1	100
07	106179931	9/29/03 0:00	MFG	100.1	100.1	100
07	106179932	9/29/03 0:00	MFG	100.2	100.1	100.1
07	106179933	9/29/03 0:00	MFG	100.1	100.1	100
07	106180223	10/2/03 0:00	MFG	100.2	100.1	100.1
07	106180224	10/2/03 0:00	MFG	100.1	100.1	100.1
07	106180225	10/2/03 0:00	MFG	100.1	100.1	100.2
07	106180226	10/2/03 0:00	MFG	100.1	100.1	100
07	106180227	10/2/03 0:00	MFG	100.1	100.1	100
07	106180228	10/2/03 0:00	MFG	100.1	100	100
07	106180229	10/2/03 0:00	MFG	100.1	100.1	100
07	106183785	10/3/03 0:00	MFG	100.1	100	100
07	106183786	10/14/03 0:00	MFG	100.1	100	99.9
07	106183787	10/14/03 0:00	MFG	100.1	100	100
07	106183788	10/14/03 0:00	MFG	100.1	99.9	100
07	106183789	10/14/03 0:00	MFG	100.1	100	100.1
07	106183790	10/14/03 0:00	MFG	100.1	100	100
07	106183791	10/14/03 0:00	MFG	100.1	100	100
07	106183792	10/14/03 0:00	MFG	100.1	100	100
07	106183793	10/14/03 0:00	MFG	100.1	100	99.9
07	106183794	10/14/03 0:00	MFG	100.1	100	100.1
07	106183795	10/14/03 0:00	MFG	100.1	100	100.2
07	106183796	10/14/03 0:00	MFG	100.1	100	100
07	106183797	10/14/03 0:00	MFG	100.1	100	100.2
07	106183798	10/14/03 0:00	MFG	100.1	100	100
07	106183799	10/14/03 0:00	MFG	100.1	100	100
07	106183800	10/14/03 0:00	MFG	100.1	100	100
07	106183801	10/14/03 0:00	MFG	100.1	100	100.1
07	106183802	10/14/03 0:00	MFG	100.1	100	100.1
07	106183803	10/14/03 0:00	MFG	100.1	100.1	100
07	106183804	10/14/03 0:00	MFG	100.1	100	100.1
07	106183805	10/14/03 0:00	MFG	100.1	100	100.1
07	106183806	10/14/03 0:00	MFG	100.1	100.1	100.1
07	106183807	10/14/03 0:00	MFG	100.1	99.9	100
07	106183808	10/14/03 0:00	MFG	100.1	100	100
07	106183809	10/14/03 0:00	MFG	100.1	100	100
07	106183810	10/14/03 0:00	MFG	100.1	100	100.1
07	106183811	10/14/03 0:00	MFG	100.1	100.1	100
07	106183812	10/14/03 0:00	MFG	100.1	100	100
07	106183813	10/14/03 0:00	MFG	100.1	99.9	100
07	106183814	10/14/03 0:00	MFG	100.1	100	100
07	106183815	10/14/03 0:00	MFG	100.1	100	100
07	106183816	10/14/03 0:00	MFG	100.1	100.1	100.1
07	106183817	10/14/03 0:00	MFG	100.1	100	100.1
07	106183818	10/14/03 0:00	MFG	100.1	100	100
07	106183819	10/14/03 0:00	MFG	100.1	100	100.1
07	106183820	10/14/03 0:00	MFG	100.1	100	100
07	106183821	10/14/03 0:00	MFG	100.1	100	100.1
07	106183822	10/14/03 0:00	MFG	100.1	100	100
07	106183823	10/14/03 0:00	MFG	100.1	100	100.1
07	106183824	10/14/03 0:00	MFG	100.1	100.1	100.1
07	106183825	10/14/03 0:00	MFG	100.1	100	100.1
07	106183826	10/14/03 0:00	MFG	100.1	99.9	99.9
07	106183827	10/14/03 0:00	MFG	100.1	100.1	100
07	106183828	10/14/03 0:00	MFG	100.1	100	100

07	106183829	10/14/03 0:00	MFG	100.1	100	100
07	106183830	10/14/03 0:00	MFG	100.1	100	100.1
07	106183831	10/14/03 0:00	MFG	100.1	100	100
07	106183832	10/14/03 0:00	MFG	100.1	100.1	100
07	106183833	10/14/03 0:00	MFG	100.1	100	100.2
07	106183834	10/14/03 0:00	MFG	100.1	100.1	100.1
07	106183835	10/14/03 0:00	MFG	100.1	100	100
07	106183836	10/14/03 0:00	MFG	100.1	100	100.1
07	106183837	10/14/03 0:00	MFG	100.1	100	100.1
07	106183838	10/14/03 0:00	MFG	100.1	100	100
07	106183839	10/14/03 0:00	MFG	100.1	100	99.9
07	106183840	10/14/03 0:00	MFG	100.1	100	100.1
07	106183841	10/14/03 0:00	MFG	100.1	100	100
07	106183842	10/14/03 0:00	MFG	100.1	100	100
07	106183843	10/14/03 0:00	MFG	100.1	100	100
07	106183844	10/14/03 0:00	MFG	100.1	99.9	100
07	106183845	10/14/03 0:00	MFG	100.1	100	100
07	106183846	10/14/03 0:00	MFG	100.1	100	100.1
07	106183847	10/14/03 0:00	MFG	100.1	100	100.1
07	106183848	10/14/03 0:00	MFG	100.1	100	100.1
07	106183849	10/14/03 0:00	MFG	100.1	100	100.1
07	106183850	10/14/03 0:00	MFG	100.1	100	100.2
07	106183851	10/14/03 0:00	MFG	100.1	100	100
07	106183852	10/14/03 0:00	MFG	100.1	100	100.1
07	106183853	10/14/03 0:00	MFG	100.1	100.1	100
07	106183854	10/14/03 0:00	MFG	100.1	100	100
07	106183855	10/14/03 0:00	MFG	100.1	100	100.2
07	106183856	10/14/03 0:00	MFG	100.1	100	100.1
07	106183857	10/14/03 0:00	MFG	100.1	100	100.1
07	106183858	10/14/03 0:00	MFG	100.1	100	100
07	106183859	10/14/03 0:00	MFG	100.1	100	100
07	106183860	10/14/03 0:00	MFG	100.1	100.1	100
07	106183861	10/14/03 0:00	MFG	100.1	100	100
07	106183862	10/14/03 0:00	MFG	100.1	100	100
07	106183863	10/14/03 0:00	MFG	100.1	100	100.1
07	106183864	10/14/03 0:00	MFG	100.1	100	100
07	106183865	10/14/03 0:00	MFG	100.1	100	100.1
07	106183866	10/14/03 0:00	MFG	100.1	100	100
07	106183867	10/14/03 0:00	MFG	100.1	99.9	100.1
07	106183868	10/14/03 0:00	MFG	100.1	100	100.1
07	106183869	10/14/03 0:00	MFG	100.1	100	100
07	106183870	10/14/03 0:00	MFG	100.1	100	100.1
07	106183871	10/14/03 0:00	MFG	100.1	100	100
07	106183872	10/14/03 0:00	MFG	100.1	100	100.1
07	106183873	10/14/03 0:00	MFG	100.1	100	100.1
07	106183874	10/14/03 0:00	MFG	100.1	100	100.1
07	106183875	10/14/03 0:00	MFG	100.1	100	100
07	106183876	10/14/03 0:00	MFG	100.1	100	100
07	106183877	10/14/03 0:00	MFG	100.1	100	100
07	106183878	10/14/03 0:00	MFG	100.1	100	99.9
07	106183879	10/14/03 0:00	MFG	100.1	100.1	100
07	106183880	10/14/03 0:00	MFG	100.1	100	100.1
07	106183881	10/14/03 0:00	MFG	100.1	100	100.1
07	106183882	10/14/03 0:00	MFG	100.1	100	100
07	106183883	10/14/03 0:00	MFG	100.1	100.1	100.1
07	106183884	10/14/03 0:00	MFG	100.1	100	100
07	106183885	10/14/03 0:00	MFG	100.1	100	100.2
07	106183886	10/14/03 0:00	MFG	100.1	100	100
07	106183887	10/14/03 0:00	MFG	100.1	100	99.9
07	106183888	10/14/03 0:00	MFG	100.1	100	100.1
07	106183889	10/14/03 0:00	MFG	100.1	100.1	100.1
07	106183890	10/14/03 0:00	MFG	100.1	100	100.1
07	106183891	10/14/03 0:00	MFG	100.1	100	100
07	106183892	10/14/03 0:00	MFG	100.1	100	100.1
07	106183893	10/14/03 0:00	MFG	100.1	100.1	100.1
07	106183894	10/14/03 0:00	MFG	100.1	100	100
07	106183895	10/14/03 0:00	MFG	100.1	100	100.1
07	106183896	10/14/03 0:00	MFG	100.1	100	100
07	106183897	10/14/03 0:00	MFG	100.1	100	100

07	106183898	10/14/03 0:00	MFG	100.1	100	100.1
07	106183899	10/14/03 0:00	MFG	100.1	100	100
07	106183900	10/14/03 0:00	MFG	100.1	100	100.1
07	106183901	10/14/03 0:00	MFG	100.1	100	100
07	106183902	10/14/03 0:00	MFG	100.1	100	100
07	106183903	10/14/03 0:00	MFG	100.1	100	100.1
07	106183904	10/14/03 0:00	MFG	100.1	100	100
07	106183905	10/14/03 0:00	MFG	100.1	100	100.1
07	106183906	10/14/03 0:00	MFG	100.1	100	100
07	106183907	10/14/03 0:00	MFG	100.1	100	100.1
07	106183908	10/14/03 0:00	MFG	100.1	100	100
07	106183909	10/14/03 0:00	MFG	100.1	99.9	100
07	106183910	10/14/03 0:00	MFG	100.1	99.9	99.9
07	106183911	10/14/03 0:00	MFG	100.1	100	100.2
07	106183912	10/14/03 0:00	MFG	100.1	100	100
07	106183913	10/14/03 0:00	MFG	100.1	100	100.1
07	106183914	10/14/03 0:00	MFG	100.1	100	99.9
07	106183915	10/14/03 0:00	MFG	100.1	100	100.1
07	106183916	10/14/03 0:00	MFG	100.1	100	100
07	106183917	10/14/03 0:00	MFG	100.1	100	100.2
07	106183918	10/14/03 0:00	MFG	100.1	100	100.1
07	106183919	10/14/03 0:00	MFG	100.1	100	100
07	106183920	10/14/03 0:00	MFG	100.1	100	100
07	106183921	10/14/03 0:00	MFG	100.1	100.1	100
07	106183922	10/14/03 0:00	MFG	100.1	100	100
07	106183923	10/14/03 0:00	MFG	100.1	100	100
07	106183924	10/14/03 0:00	MFG	100.1	100	100.1
07	106183925	10/14/03 0:00	MFG	100.1	100	100
07	106183926	10/14/03 0:00	MFG	100.1	100	100.1
07	106183927	10/14/03 0:00	MFG	100.1	100	100.1
07	106183928	10/14/03 0:00	MFG	100.1	100	100
07	106183929	10/14/03 0:00	MFG	100.1	100	100.1
07	106183930	10/14/03 0:00	MFG	100.1	100	100
07	106183931	10/14/03 0:00	MFG	100.1	100	100
07	106183932	10/14/03 0:00	MFG	100.1	100	100
07	106183933	10/14/03 0:00	MFG	100.1	100	100
07	106183934	10/14/03 0:00	MFG	100.1	99.9	100
07	106183935	10/14/03 0:00	MFG	100.1	100	100
07	106183936	10/14/03 0:00	MFG	100.1	99.9	100.1
07	106183937	10/14/03 0:00	MFG	100.1	100	100.1
07	106183938	10/14/03 0:00	MFG	100.1	100	100.1
07	106183939	10/14/03 0:00	MFG	100.1	100	100.1
07	106183940	10/14/03 0:00	MFG	100.1	100	100
07	106183941	10/14/03 0:00	MFG	100.1	100	100
07	106183942	10/14/03 0:00	MFG	100.1	100.1	100
07	106183943	10/14/03 0:00	MFG	100.1	100	100
07	106183944	10/14/03 0:00	MFG	100.1	100	100
07	106183945	10/14/03 0:00	MFG	100.1	100	100
07	106183946	10/14/03 0:00	MFG	100.1	100	100
07	106183947	10/14/03 0:00	MFG	100.1	99.9	100.1
07	106183948	10/14/03 0:00	MFG	100.1	100.1	100
07	106183949	10/14/03 0:00	MFG	100.1	100	100
07	106183950	10/14/03 0:00	MFG	100.1	100	100.1
07	106183951	10/14/03 0:00	MFG	100.1	100	100
07	106183952	10/14/03 0:00	MFG	100.1	100	100
07	106183953	10/14/03 0:00	MFG	100.1	100	100
07	106183954	10/14/03 0:00	MFG	100.1	100	100
07	106183955	10/14/03 0:00	MFG	100.1	100	100
07	106183956	10/14/03 0:00	MFG	100.1	100	99.9
07	106183957	10/14/03 0:00	MFG	100.1	100	100.1
07	106183958	10/14/03 0:00	MFG	100.1	100	100
07	106183959	10/14/03 0:00	MFG	100.1	99.9	100
07	106183960	10/14/03 0:00	MFG	100.1	100	100.1
07	106183961	10/14/03 0:00	MFG	100.1	100	100
07	106183962	10/14/03 0:00	MFG	100.1	100	100.1
07	106183963	10/14/03 0:00	MFG	100.1	99.9	100
07	106183964	10/14/03 0:00	MFG	100.1	100	100
07	106183965	10/14/03 0:00	MFG	100.1	99.9	99.9
07	106183966	10/14/03 0:00	MFG	100.1	100	100.1

07	106183967	10/14/03 0:00	MFG	100.1	100	99.9
07	106183968	10/14/03 0:00	MFG	100.1	99.9	99.9
07	106183969	10/14/03 0:00	MFG	100.1	100	100
07	106183970	10/14/03 0:00	MFG	100.1	100.1	100.2
07	106183971	10/14/03 0:00	MFG	100.1	100	100
07	106183972	10/14/03 0:00	MFG	100.1	100	100
07	106183973	10/14/03 0:00	MFG	100.1	100	100.2
07	106183974	10/14/03 0:00	MFG	100.1	100.1	100.1
07	106183975	10/14/03 0:00	MFG	100.1	100	100.1
07	106183976	10/14/03 0:00	MFG	100.1	100	100
07	106183977	10/14/03 0:00	MFG	100.1	100	100.1
07	106183978	10/14/03 0:00	MFG	100.1	100	100.1
07	106183979	10/14/03 0:00	MFG	100.1	100	99.9
07	106183980	10/14/03 0:00	MFG	100.1	99.9	100
07	106183981	10/14/03 0:00	MFG	100.1	100	100
07	106183982	10/14/03 0:00	MFG	100.1	100	100
07	106183983	10/14/03 0:00	MFG	100.1	100	100
07	106183984	10/14/03 0:00	MFG	100.1	100	100
07	106183985	10/14/03 0:00	MFG	100.1	100.1	100.1
07	106183986	10/14/03 0:00	MFG	100.1	99.9	99.9
07	106183987	10/14/03 0:00	MFG	100.1	100	100.1
07	106183988	10/14/03 0:00	MFG	100.1	99.9	99.9
07	106183989	10/14/03 0:00	MFG	100.1	100	100.1
07	106183990	10/14/03 0:00	MFG	100.1	100	100
07	106183991	10/14/03 0:00	MFG	100.1	100	99.9
07	106183992	10/14/03 0:00	MFG	100.1	100	100.1
07	106183993	10/14/03 0:00	MFG	100.1	100	100.1
07	106183994	10/14/03 0:00	MFG	100.1	100	99.9
07	106183995	10/14/03 0:00	MFG	100.1	100	100.1
07	106183996	10/14/03 0:00	MFG	100.1	100	100
07	106183997	10/14/03 0:00	MFG	100.1	100	100
07	106183998	10/14/03 0:00	MFG	100.1	100	100
07	106183999	10/14/03 0:00	MFG	100.1	100	100.1
07	106184000	10/14/03 0:00	MFG	100.1	99.9	100
07	106184001	10/14/03 0:00	MFG	100.1	100	100
07	106184002	10/14/03 0:00	MFG	100.1	100	100
07	106184003	10/14/03 0:00	MFG	100.1	100	99.9
07	106184004	10/14/03 0:00	MFG	100.1	99.9	100
07	106184005	10/14/03 0:00	MFG	100.1	100	99.9
07	106184006	10/14/03 0:00	MFG	100.1	99.9	100
07	106184007	10/14/03 0:00	MFG	100.1	100	100
07	106184008	10/14/03 0:00	MFG	100.1	100	100
07	106184009	10/14/03 0:00	MFG	100.1	100	100
07	106184010	10/14/03 0:00	MFG	100.1	100	99.9
07	106184011	10/14/03 0:00	MFG	100.1	100	100
07	106184012	10/14/03 0:00	MFG	100.1	100	100
07	106184013	10/14/03 0:00	MFG	100.1	100	100.1
07	106184014	10/14/03 0:00	MFG	100.1	100	100
07	106184015	10/14/03 0:00	MFG	100.1	100	100.1
07	106184016	10/14/03 0:00	MFG	100.1	100	100.1
07	106184017	10/14/03 0:00	MFG	100.1	100	100.1
07	106184018	10/14/03 0:00	MFG	100.1	100	100.1
07	106184019	10/14/03 0:00	MFG	100.1	100	100
07	106184020	10/14/03 0:00	MFG	100.1	100	100.1
07	106184021	10/14/03 0:00	MFG	100.1	100	100
07	106184022	10/14/03 0:00	MFG	100.1	99.9	100
07	106184023	10/14/03 0:00	MFG	100.1	100	100.1
07	106184024	10/14/03 0:00	MFG	100.1	99.9	100
07	106184025	10/14/03 0:00	MFG	100.1	99.9	100.2
07	106184026	10/14/03 0:00	MFG	100.1	100	100.1
07	106184027	10/14/03 0:00	MFG	100.1	100	100
07	106184028	10/14/03 0:00	MFG	100.1	100	99.9
07	106184029	10/14/03 0:00	MFG	100.1	100.1	100
07	106184030	10/14/03 0:00	MFG	100.1	99.9	100
07	106184031	10/14/03 0:00	MFG	100.1	100	100
07	106184032	10/14/03 0:00	MFG	100.1	100	100
07	106184033	10/14/03 0:00	MFG	100.1	100	100.1
07	106184034	10/14/03 0:00	MFG	100.1	100	100.1
07	106184035	10/14/03 0:00	MFG	100.1	100	100



07	106184036	10/14/03 0:00	MFG	100.1	100	100
07	106184037	10/14/03 0:00	MFG	100.1	100.1	100.2
07	106184038	10/14/03 0:00	MFG	100.1	100	100.1
07	106184039	10/14/03 0:00	MFG	100.1	100	100
07	106184040	10/14/03 0:00	MFG	100.1	100	100
07	106184041	10/14/03 0:00	MFG	100.1	100	100.1
07	106184042	10/14/03 0:00	MFG	100.1	100	100.1
07	106184043	10/14/03 0:00	MFG	100.1	100	100.1
07	106184044	10/14/03 0:00	MFG	100.1	99.9	100
07	106184045	10/14/03 0:00	MFG	100.1	99.9	100
07	106184046	10/14/03 0:00	MFG	100.1	100	100
07	106184047	10/14/03 0:00	MFG	100.1	100	100.1
07	106184048	10/14/03 0:00	MFG	100.1	100	100
07	106184049	10/14/03 0:00	MFG	100.1	100	100
07	106184050	10/14/03 0:00	MFG	100.1	100	100
07	106184051	10/14/03 0:00	MFG	100.1	100	100
07	106184052	10/14/03 0:00	MFG	100.1	100.1	100.1
07	106184053	10/14/03 0:00	MFG	100.1	100	100.1
07	106184054	10/14/03 0:00	MFG	100.1	100	100.1
07	106184055	10/14/03 0:00	MFG	100.1	100	100.1
07	106184056	10/14/03 0:00	MFG	100.1	100.1	100.1
07	106184057	10/14/03 0:00	MFG	100.1	99.9	100
07	106184058	10/14/03 0:00	MFG	100.1	100	99.9
07	106184059	10/14/03 0:00	MFG	100.1	100	100
07	106184060	10/14/03 0:00	MFG	100.1	100	100
07	106184061	10/14/03 0:00	MFG	100.1	100	99.9
07	106184062	10/14/03 0:00	MFG	100.1	100	100.1
07	106184063	10/14/03 0:00	MFG	100.1	99.9	99.9
07	106184064	10/14/03 0:00	MFG	100.1	100	100.1
07	106184065	10/14/03 0:00	MFG	100.1	100	100.2
07	106184066	10/14/03 0:00	MFG	100.1	100	100
07	106184067	10/14/03 0:00	MFG	100.1	100	100
07	106184068	10/14/03 0:00	MFG	100.1	100.1	100
07	106184069	10/14/03 0:00	MFG	100.1	100.1	100.1
07	106184070	10/14/03 0:00	MFG	100.1	100	100
07	106184071	10/14/03 0:00	MFG	100.1	100	100.1
07	106184072	10/14/03 0:00	MFG	100.1	100	100
07	106184073	10/14/03 0:00	MFG	100.1	100	100
07	106184074	10/14/03 0:00	MFG	100.1	100	100
07	106184075	10/14/03 0:00	MFG	100.1	100	100
07	106184076	10/14/03 0:00	MFG	100.1	100	100.2
07	106184077	10/14/03 0:00	MFG	100.1	100	100.1
07	106184078	10/14/03 0:00	MFG	100.1	99.9	99.9
07	106184079	10/14/03 0:00	MFG	100.1	99.9	100
07	106184080	10/14/03 0:00	MFG	100.1	100	100
07	106184081	10/14/03 0:00	MFG	100.1	100	100
07	106184082	10/14/03 0:00	MFG	100.1	100	100.1
07	106184083	10/14/03 0:00	MFG	100.1	100	100
07	106184084	10/14/03 0:00	MFG	100.1	99.9	100
07	106184085	10/14/03 0:00	MFG	100.1	100	100
07	106184086	10/14/03 0:00	MFG	100.1	99.9	100
07	106184087	10/14/03 0:00	MFG	100.1	100	100.1
07	106184088	10/14/03 0:00	MFG	100.1	100	100
07	106184089	10/14/03 0:00	MFG	100.1	100	100.1
07	106184090	10/14/03 0:00	MFG	100.1	100	100
07	106184091	10/14/03 0:00	MFG	100.1	100	99.9
07	106184092	10/14/03 0:00	MFG	100.1	99.9	100
07	106184093	10/14/03 0:00	MFG	100.1	100	100.1
07	106184094	10/14/03 0:00	MFG	100.1	100	100
07	106184095	10/14/03 0:00	MFG	100.1	100	100
07	106184096	10/14/03 0:00	MFG	100.1	100	100
07	106184097	10/14/03 0:00	MFG	100.1	100	100
07	106184098	10/14/03 0:00	MFG	100.1	100	100.1
07	106184099	10/14/03 0:00	MFG	100.1	100	100
07	106184100	10/14/03 0:00	MFG	100.1	100	100
07	106184102	10/14/03 0:00	MFG	100.1	100	100
07	106184103	10/14/03 0:00	MFG	100.1	100	100
07	106184104	10/14/03 0:00	MFG	100.1	99.9	100
07	106184105	10/14/03 0:00	MFG	100.1	100	100

07	106184106	10/14/03 0:00	MFG	100.1	100	100
07	106184107	10/14/03 0:00	MFG	100.1	100	100.1
07	106184108	10/14/03 0:00	MFG	100.1	100	100
07	106184109	10/14/03 0:00	MFG	100.1	100	100.1
07	106184110	10/14/03 0:00	MFG	100.1	100	100
07	106184111	10/14/03 0:00	MFG	100.1	100	99.9
07	106184112	10/14/03 0:00	MFG	100.1	100	100
07	106184113	10/14/03 0:00	MFG	100.1	99.9	100.1
07	106184114	10/14/03 0:00	MFG	100.1	100	100.1
07	106184115	10/14/03 0:00	MFG	100.1	100	100.1
07	106184116	10/14/03 0:00	MFG	100.1	100	100
07	106184117	10/14/03 0:00	MFG	100.1	99.9	100
07	106184118	10/14/03 0:00	MFG	100.1	100	100.1
07	106184119	10/14/03 0:00	MFG	100.1	100	99.8
07	106184120	10/14/03 0:00	MFG	100.1	99.9	100
07	106184121	10/14/03 0:00	MFG	100.1	100	100
07	106184122	10/14/03 0:00	MFG	100.1	100	100.1
07	106184123	10/14/03 0:00	MFG	100.1	100	99.9
07	106184124	10/14/03 0:00	MFG	100.1	100	100
07	106184125	10/14/03 0:00	MFG	100.1	100	100
07	106184126	10/14/03 0:00	MFG	100.1	100	100.1
07	106184127	10/14/03 0:00	MFG	100.1	100	99.9
07	106184128	10/14/03 0:00	MFG	100.1	100	100.1
07	106184129	10/14/03 0:00	MFG	100.1	99.9	100
07	106184130	10/14/03 0:00	MFG	100.1	99.9	100
07	106184131	10/14/03 0:00	MFG	100.1	100	100
07	106184132	10/14/03 0:00	MFG	100.1	100	100
07	106184133	10/14/03 0:00	MFG	100.1	100	99.8
07	106184134	10/14/03 0:00	MFG	100.1	100	100.1
07	106184135	10/14/03 0:00	MFG	100.1	100	100
07	106184136	10/14/03 0:00	MFG	100.1	99.9	100
07	106184137	10/14/03 0:00	MFG	100.1	100	100
07	106184138	10/14/03 0:00	MFG	100.1	100	100.1
07	106184139	10/14/03 0:00	MFG	100.1	99.9	99.9
07	106184140	10/14/03 0:00	MFG	100.1	100	100
07	106184141	10/14/03 0:00	MFG	100.1	100	100
07	106184142	10/14/03 0:00	MFG	100.1	100	100
07	106184143	10/14/03 0:00	MFG	100.1	99.9	100
07	106184144	10/14/03 0:00	MFG	100.1	100	100
07	106184145	10/14/03 0:00	MFG	100.1	100	100
07	106184146	10/14/03 0:00	MFG	100.1	100	100
07	106184147	10/14/03 0:00	MFG	100.1	99.9	99.9
07	106184148	10/14/03 0:00	MFG	100.1	99.9	100
07	106184149	10/14/03 0:00	MFG	100.1	100	100
07	106184150	10/14/03 0:00	MFG	100.1	100	100.1
07	106184151	10/14/03 0:00	MFG	100.1	100	100
07	106184152	10/14/03 0:00	MFG	100.1	99.9	100
07	106184153	10/14/03 0:00	MFG	100.1	100	100
07	106184154	10/14/03 0:00	MFG	100.1	99.8	99.9
07	106184155	10/14/03 0:00	MFG	100.1	100	99.9
07	106184156	10/14/03 0:00	MFG	100.1	100	100
07	106184157	10/14/03 0:00	MFG	100.1	100	100
07	106184158	10/14/03 0:00	MFG	100.1	100	99.9
07	106184159	10/14/03 0:00	MFG	100.1	100	100.1
07	106184160	10/14/03 0:00	MFG	100.1	100	100.1
07	106184161	10/14/03 0:00	MFG	100.1	100	99.9
07	106184162	10/14/03 0:00	MFG	100.1	100	100
07	106184163	10/14/03 0:00	MFG	100.1	100	100.1
07	106184164	10/14/03 0:00	MFG	100.1	100	100
07	106184165	10/14/03 0:00	MFG	100.1	100	100
07	106184166	10/14/03 0:00	MFG	100.1	99.9	100
07	106184167	10/14/03 0:00	MFG	100.1	99.9	100
07	106184168	10/14/03 0:00	MFG	100.1	100	100.1
07	106184169	10/14/03 0:00	MFG	100.1	100	100
07	106184170	10/14/03 0:00	MFG	100.1	99.9	99.9
07	106184171	10/14/03 0:00	MFG	100.1	100	100
07	106184172	10/14/03 0:00	MFG	100.1	100	99.9
07	106184173	10/14/03 0:00	MFG	100.1	100	100.1
07	106184174	10/14/03 0:00	MFG	100.1	100	100

07	106184175	10/14/03 0:00	MFG	100.1	100	99.9
07	106184176	10/14/03 0:00	MFG	100.1	100	100
07	106184177	10/14/03 0:00	MFG	100.1	100	100
07	106184178	10/14/03 0:00	MFG	100.1	100	100.2
07	106184179	10/14/03 0:00	MFG	100.1	99.9	100
07	106184180	10/14/03 0:00	MFG	100.1	100.1	100.1
07	106184181	10/14/03 0:00	MFG	100.1	100	100.1
07	106184182	10/14/03 0:00	MFG	100.1	100	100
07	106184183	10/14/03 0:00	MFG	100.1	100	100.1
07	106184184	10/14/03 0:00	MFG	100.1	100	100
07	106184185	10/14/03 0:00	MFG	100.1	100	100.1
07	106184186	10/14/03 0:00	MFG	100.1	99.9	100
07	106184187	10/14/03 0:00	MFG	100.1	100	100
07	106184188	10/14/03 0:00	MFG	100.1	100	100
07	106184189	10/14/03 0:00	MFG	100.1	99.9	100
07	106184190	10/14/03 0:00	MFG	100.1	100	100.1
07	106184191	10/14/03 0:00	MFG	100.1	100	100
07	106184192	10/14/03 0:00	MFG	100.1	100	100
07	106184193	10/14/03 0:00	MFG	100.1	100	100.1
07	106184194	10/14/03 0:00	MFG	100.1	100.1	100.1
07	106184195	10/14/03 0:00	MFG	100.1	99.9	100
07	106184196	10/14/03 0:00	MFG	100.1	99.9	99.9
07	106184197	10/14/03 0:00	MFG	100.1	100	99.9
07	106184198	10/14/03 0:00	MFG	100.1	100	99.9
07	106184199	10/14/03 0:00	MFG	100.1	100	100.1
07	106184200	10/14/03 0:00	MFG	100.1	99.9	100.1
07	106184201	10/14/03 0:00	MFG	100.1	100.1	100.2
07	106184202	10/14/03 0:00	MFG	100.1	100	100
07	106184203	10/14/03 0:00	MFG	100.1	100	100
07	106184204	10/14/03 0:00	MFG	100.1	100	100
07	106184205	10/14/03 0:00	MFG	100.1	100	100.1
07	106184206	10/14/03 0:00	MFG	100.1	100.1	100.1
07	106182062	10/23/03 0:00	MFG	100	100	100
07	106182063	10/23/03 0:00	MFG	100	100.1	100
07	106182064	10/23/03 0:00	MFG	100	100	100
07	106182065	10/23/03 0:00	MFG	100	100	100
07	106185451	10/27/03 0:00	MFG	100	100.4	99.6
07	106185452	10/27/03 0:00	MFG	100.1	100.3	100.7
07	106185453	10/27/03 0:00	MFG	100.1	100.2	100.3
07	106185454	10/27/03 0:00	MFG	99.9	100.3	99.6
07	106185455	10/27/03 0:00	MFG	99.9	100.3	99.7
07	106185456	10/27/03 0:00	MFG	99.7	100	99.6
07	106185457	10/27/03 0:00	MFG	99.8	100.1	99.6
07	106185458	10/27/03 0:00	MFG	100	100.1	99.6
07	106185459	10/27/03 0:00	MFG	99.8	100.5	100.1
07	106185460	10/27/03 0:00	MFG	100.2	100.3	100.1
07	106185461	10/27/03 0:00	MFG	99.8	100.1	99.6
07	106185462	10/27/03 0:00	MFG	100.2	100.1	100.5
07	106185463	10/27/03 0:00	MFG	100	100.1	100
07	106185464	10/27/03 0:00	MFG	100.3	100.3	99.7
07	106185465	10/27/03 0:00	MFG	100.2	100	100
07	106185466	10/27/03 0:00	MFG	100.1	100.1	100
07	106185467	10/27/03 0:00	MFG	100.2	100.1	100.7
07	106185468	10/27/03 0:00	MFG	100.2	100.1	100.1
07	106185469	10/27/03 0:00	MFG	100.1	100.1	100.4
07	106185470	10/27/03 0:00	MFG	100	100	100
07	106185471	10/27/03 0:00	MFG	99.8	100.3	99.8
07	106185472	10/27/03 0:00	MFG	99.9	100.3	100
07	106185473	10/27/03 0:00	MFG	100.2	100.3	100
07	106185474	10/27/03 0:00	MFG	100	100.2	99.6
07	106185475	10/27/03 0:00	MFG	100.1	100.2	99.9
07	106185476	10/27/03 0:00	MFG	100	100.1	100.3
07	106185477	10/27/03 0:00	MFG	99.9	100.3	100
07	106185478	10/27/03 0:00	MFG	99.9	100	99.7
07	106185479	10/27/03 0:00	MFG	99.8	100.4	100.3
07	106185480	10/27/03 0:00	MFG	100	100.1	100.3
07	106185481	10/27/03 0:00	MFG	100.1	99.9	100
07	106185482	10/27/03 0:00	MFG	100	99.8	99.7
07	106185483	10/27/03 0:00	MFG	99.8	100.3	99.9

07	106185484	10/27/03 0:00	MFG	100.2	100.3	99.8
07	106185485	10/27/03 0:00	MFG	99.9	100.2	99.7
07	106185486	10/27/03 0:00	MFG	99.9	100.1	100.3
07	106185487	10/27/03 0:00	MFG	100	100.2	99.9
07	106185488	10/27/03 0:00	MFG	99.9	100.1	99.6
07	106185489	10/27/03 0:00	MFG	100	99.8	99.6
07	106185490	10/27/03 0:00	MFG	100.2	100.1	100.2
07	106185491	10/27/03 0:00	MFG	100	100	99.7
07	106185492	10/27/03 0:00	MFG	100	100.2	99.7
07	106185493	10/27/03 0:00	MFG	100.2	100.4	100.4
07	106185494	10/27/03 0:00	MFG	100.3	100.1	100.4
07	106185495	10/27/03 0:00	MFG	100.2	100.4	99.9
07	106185496	10/27/03 0:00	MFG	100	100.2	100.2
07	106185497	10/27/03 0:00	MFG	100.1	100.3	100.4
07	106185498	10/27/03 0:00	MFG	100.1	100.2	100.2
07	106185499	10/27/03 0:00	MFG	100.1	99.9	100.1
07	106185500	10/27/03 0:00	MFG	100.1	100.3	100
07	106185501	10/27/03 0:00	MFG	100	100	100.4
07	106185502	10/27/03 0:00	MFG	99.8	100.3	99.5
07	106185503	10/27/03 0:00	MFG	99.9	100	100.2
07	106185504	10/27/03 0:00	MFG	100	100	100
07	106185505	10/27/03 0:00	MFG	99.9	99.8	100.2
07	106185506	10/27/03 0:00	MFG	100.1	100.2	100.1
07	106185507	10/27/03 0:00	MFG	99.8	100.3	100.4
07	106185508	10/27/03 0:00	MFG	99.8	100	99.7
07	106185509	10/27/03 0:00	MFG	100.1	100.1	99.6
07	106185510	10/27/03 0:00	MFG	100	100	99.9
07	106185511	10/27/03 0:00	MFG	100	100.4	99.8
07	106185512	10/27/03 0:00	MFG	100.2	100.4	100.2
07	106185513	10/27/03 0:00	MFG	100.1	99.6	100.1
07	106185514	10/27/03 0:00	MFG	99.8	100.2	99.8
07	106185515	10/27/03 0:00	MFG	99.9	100.3	100.2
07	106185516	10/27/03 0:00	MFG	100	100.3	100.1
07	106185517	10/27/03 0:00	MFG	100.1	100.3	100
07	106185518	10/27/03 0:00	MFG	100.1	100.4	100.1
07	106185519	10/27/03 0:00	MFG	100.2	100.1	100
07	106185520	10/27/03 0:00	MFG	100.1	100.2	99.9
07	106185521	10/27/03 0:00	MFG	100.2	100.4	100
07	106185522	10/27/03 0:00	MFG	100.1	100.3	100.6
07	106185523	10/27/03 0:00	MFG	99.7	99.8	99.5
07	106185524	10/27/03 0:00	MFG	100.1	100	100.5
07	106185525	10/27/03 0:00	MFG	100	100.2	100.3
07	106185526	10/27/03 0:00	MFG	100	100.2	100.5
07	106185527	10/27/03 0:00	MFG	99.9	100.1	100.5
07	106185528	10/27/03 0:00	MFG	99.9	100.2	99.7
07	106185529	10/27/03 0:00	MFG	100.1	100.4	100.5
07	106185530	10/27/03 0:00	MFG	100	100.2	100
07	106185531	10/27/03 0:00	MFG	100.2	100.3	100.1
07	106185532	10/27/03 0:00	MFG	100.2	100.2	100.2
07	106185533	10/27/03 0:00	MFG	100	100.2	100.1
07	106185534	10/27/03 0:00	MFG	100.3	100.1	99.9
07	106185535	10/27/03 0:00	MFG	99.9	99.9	99.7
07	106185536	10/27/03 0:00	MFG	100.2	100.3	100.4
07	106185537	10/27/03 0:00	MFG	100.3	100.3	100.7
07	106185538	10/27/03 0:00	MFG	99.9	100	99.7
07	106185539	10/27/03 0:00	MFG	100	100.1	99.7
07	106185540	10/27/03 0:00	MFG	99.8	100.1	100.3
07	106185541	10/27/03 0:00	MFG	100	99.9	100
07	106185542	10/27/03 0:00	MFG	100.1	100.2	99.6
07	106185543	10/27/03 0:00	MFG	100.2	100.3	100.6
07	106185544	10/27/03 0:00	MFG	100	100.1	100.3
07	106185545	10/27/03 0:00	MFG	99.9	100.1	99.7
07	106185546	10/27/03 0:00	MFG	100.1	100	99.8
07	106185547	10/27/03 0:00	MFG	100	99.9	100.4
07	106185548	10/27/03 0:00	MFG	100.1	100.3	100.2
07	106185549	10/27/03 0:00	MFG	99.8	99.9	99.9
07	106185550	10/27/03 0:00	MFG	100	100.2	100.1
07	106185551	10/27/03 0:00	MFG	99.9	100	99.7
07	106185552	10/27/03 0:00	MFG	100.1	100.1	99.8

07	106185553	10/27/03 0:00	MFG	100.1	100.1	99.9
07	106185554	10/27/03 0:00	MFG	99.9	100	100
07	106185555	10/27/03 0:00	MFG	99.9	100.2	99.9
07	106185556	10/27/03 0:00	MFG	100.2	100.1	100.3
07	106185557	10/27/03 0:00	MFG	100.1	100.1	100.3
07	106185558	10/27/03 0:00	MFG	99.9	100.2	100.3
07	106185559	10/27/03 0:00	MFG	100.1	100.4	100.4
07	106185560	10/27/03 0:00	MFG	100.1	100	100.3
07	106185561	10/27/03 0:00	MFG	100	100.1	99.7
07	106185562	10/27/03 0:00	MFG	100	99.6	99.8
07	106185563	10/27/03 0:00	MFG	100	99.7	100.7
07	106185564	10/27/03 0:00	MFG	99.9	100.4	99.7
07	106185565	10/27/03 0:00	MFG	99.9	99.9	100
07	106185566	10/27/03 0:00	MFG	100.2	100.3	100.3
07	106185567	10/27/03 0:00	MFG	100	100.4	99.8
07	106185568	10/27/03 0:00	MFG	99.9	100.2	99.8
07	106185569	10/27/03 0:00	MFG	99.9	100.1	99.9
07	106185570	10/27/03 0:00	MFG	100.1	100.2	100.3
07	106185571	10/27/03 0:00	MFG	100	99.9	99.6
07	106185572	10/27/03 0:00	MFG	99.8	99.9	99.8
07	106185573	10/27/03 0:00	MFG	100.1	100.2	100
07	106185574	10/27/03 0:00	MFG	100	100.2	100.3
07	106185575	10/27/03 0:00	MFG	99.9	100.1	100.2
07	106185576	10/27/03 0:00	MFG	100.1	100	100.4
07	106185577	10/27/03 0:00	MFG	100.1	100.1	100.1
07	106185578	10/27/03 0:00	MFG	100	100.4	99.9
07	106185579	10/27/03 0:00	MFG	99.9	100.2	99.8
07	106185580	10/27/03 0:00	MFG	100	100.3	100.1
07	106185581	10/27/03 0:00	MFG	99.8	99.8	99.9
07	106185582	10/27/03 0:00	MFG	100.1	99.9	100.3
07	106185583	10/27/03 0:00	MFG	99.9	99.8	100
07	106185584	10/27/03 0:00	MFG	100.1	100	100.2
07	106185585	10/27/03 0:00	MFG	100.2	100.2	100.3
07	106185586	10/27/03 0:00	MFG	99.9	100.1	99.6
07	106185587	10/27/03 0:00	MFG	100.1	100.2	100.2
07	106185588	10/27/03 0:00	MFG	100.2	100.4	100.7
07	106185589	10/27/03 0:00	MFG	99.8	100.1	99.7
07	106185590	10/27/03 0:00	MFG	100.2	100.5	100.2
07	106185591	10/27/03 0:00	MFG	99.7	100.1	100.1
07	106185592	10/27/03 0:00	MFG	99.9	100.3	99.7
07	106185593	10/27/03 0:00	MFG	100	100	100.4
07	106185594	10/27/03 0:00	MFG	99.8	99.9	99.7
07	106185595	10/27/03 0:00	MFG	100.2	100.3	100.1
07	106185596	10/27/03 0:00	MFG	99.9	100.1	100
07	106185597	10/27/03 0:00	MFG	100.2	100.1	100.3
07	106185598	10/27/03 0:00	MFG	100.3	100.2	100.5
07	106185599	10/27/03 0:00	MFG	100	99.9	100.3
07	106185600	10/27/03 0:00	MFG	100	100.4	99.9
07	106185601	10/27/03 0:00	MFG	99.8	100.4	99.9
07	106185602	10/27/03 0:00	MFG	100.2	100.2	100.3
07	106185603	10/27/03 0:00	MFG	100	100.2	100.1
07	106185604	10/27/03 0:00	MFG	100.1	100.2	100.3
07	106185605	10/27/03 0:00	MFG	100.1	100.1	100.3
07	106185606	10/27/03 0:00	MFG	100.1	100.2	100.4
07	106185607	10/27/03 0:00	MFG	100.1	100.1	100.1
07	106185608	10/27/03 0:00	MFG	100.1	100.2	100.3
07	106185609	10/27/03 0:00	MFG	100	100.1	100.1
07	106185610	10/27/03 0:00	MFG	100.2	100.2	100.1
07	106185611	10/27/03 0:00	MFG	99.9	100.4	100.7
07	106185612	10/27/03 0:00	MFG	99.9	100.1	100
07	106185613	10/27/03 0:00	MFG	100	100.2	100
07	106185614	10/27/03 0:00	MFG	100.1	100	100.3
07	106185615	10/27/03 0:00	MFG	99.7	100.3	100
07	106185616	10/27/03 0:00	MFG	100.2	100.4	100.2
07	106185617	10/27/03 0:00	MFG	100.2	100	100.2
07	106185618	10/27/03 0:00	MFG	99.8	100.3	100.3
07	106185619	10/27/03 0:00	MFG	100.1	100.2	100.3
07	106185620	10/27/03 0:00	MFG	100	100.3	100.2
07	106185621	10/27/03 0:00	MFG	99.9	99.9	99.9

07	106185622	10/27/03 0:00	MFG	100	100.5	99.9
07	106185623	10/27/03 0:00	MFG	100.2	100.3	100.2
07	106185624	10/27/03 0:00	MFG	100.2	100.3	100.4
07	106185625	10/27/03 0:00	MFG	99.9	99.9	100
07	106185626	10/27/03 0:00	MFG	100.1	100.2	99.9
07	106185627	10/27/03 0:00	MFG	100	100.2	100
07	106185628	10/27/03 0:00	MFG	100.1	100	100.1
07	106185629	10/27/03 0:00	MFG	100	100.1	99.8
07	106185630	10/27/03 0:00	MFG	100	100.1	100
07	106185631	10/27/03 0:00	MFG	99.9	99.9	99.8
07	106185632	10/27/03 0:00	MFG	100.1	100.2	100
07	106185633	10/27/03 0:00	MFG	99.9	100	99.6
07	106185634	10/27/03 0:00	MFG	100.2	99.9	100.2
07	106185635	10/27/03 0:00	MFG	99.8	100.1	99.7
07	106185636	10/27/03 0:00	MFG	100	100.4	100.1
07	106185637	10/27/03 0:00	MFG	100.1	99.9	100.3
07	106185638	10/27/03 0:00	MFG	99.9	100.2	99.9
07	106185639	10/27/03 0:00	MFG	100.2	100.2	100
07	106185640	10/27/03 0:00	MFG	100	100.2	100.1
07	106185641	10/27/03 0:00	MFG	99.9	100	100.1
07	106185642	10/27/03 0:00	MFG	100	100	100
07	106185643	10/27/03 0:00	MFG	99.8	99.9	100.2
07	106185644	10/27/03 0:00	MFG	100	100.3	100
07	106185645	10/27/03 0:00	MFG	99.8	100.3	100
07	106185646	10/27/03 0:00	MFG	99.9	100.1	100.3
07	106185647	10/27/03 0:00	MFG	99.9	100.2	99.7
07	106185648	10/27/03 0:00	MFG	100.3	100.2	100.1
07	106185649	10/27/03 0:00	MFG	100	100.3	100.1
07	106185650	10/27/03 0:00	MFG	99.8	100.3	99.7
07	106185651	10/27/03 0:00	MFG	100.2	100.3	100.5
07	106185652	10/27/03 0:00	MFG	99.7	100.3	99.7
07	106185653	10/27/03 0:00	MFG	100.1	100.2	100.1
07	106185654	10/27/03 0:00	MFG	99.8	100.2	100.3
07	106185655	10/27/03 0:00	MFG	99.9	100.1	99.7
07	106185656	10/27/03 0:00	MFG	100	100.1	100
07	106185657	10/27/03 0:00	MFG	100.1	100.4	99.7
07	106185658	10/27/03 0:00	MFG	100	100.4	100.5
07	106185659	10/27/03 0:00	MFG	100	100	99.9
07	106185660	10/27/03 0:00	MFG	100	100.2	99.9
07	106185661	10/27/03 0:00	MFG	100.1	100.3	100.4
07	106185662	10/27/03 0:00	MFG	99.9	100	99.8
07	106185663	10/27/03 0:00	MFG	100	100.3	100.3
07	106185664	10/27/03 0:00	MFG	99.8	100	99.6
07	106185665	10/27/03 0:00	MFG	99.9	99.9	100.2
07	106185666	10/27/03 0:00	MFG	99.9	100	100.1
07	106185667	10/27/03 0:00	MFG	100	99.9	100
07	106185668	10/27/03 0:00	MFG	99.9	100	99.7
07	106185669	10/27/03 0:00	MFG	100.1	100.1	100.2
07	106185670	10/27/03 0:00	MFG	100.1	100.3	100.4
07	106185671	10/27/03 0:00	MFG	100	99.9	99.8
07	106185672	10/27/03 0:00	MFG	99.9	99.7	100
07	106185673	10/27/03 0:00	MFG	100	100.1	99.8
07	106185674	10/27/03 0:00	MFG	100	100.2	99.9
07	106185675	10/27/03 0:00	MFG	99.8	100	99.5
07	106185676	10/27/03 0:00	MFG	99.9	99.9	100.3
07	106185677	10/27/03 0:00	MFG	99.8	100	99.8
07	106185678	10/27/03 0:00	MFG	99.9	100.2	100.2
07	106185679	10/27/03 0:00	MFG	99.8	99.8	99.9
07	106185680	10/27/03 0:00	MFG	100.2	100.3	100.7
07	106185681	10/27/03 0:00	MFG	99.8	99.6	99.7
07	106185682	10/27/03 0:00	MFG	99.9	100.3	99.7
07	106185683	10/27/03 0:00	MFG	99.9	100.1	100.1
07	106185684	10/27/03 0:00	MFG	99.9	99.7	99.9
07	106185685	10/27/03 0:00	MFG	100.3	100	100.3
07	106185686	10/27/03 0:00	MFG	100.2	100.2	100.1
07	106185687	10/27/03 0:00	MFG	100.1	99.8	99.9
07	106185688	10/27/03 0:00	MFG	100	100.2	100.1
07	106185689	10/27/03 0:00	MFG	100.1	100.3	100.2
07	106185690	10/27/03 0:00	MFG	100	99.9	100.3

07	106185691	10/27/03 0:00	MFG	100.2	100.2	100.3
07	106185692	10/27/03 0:00	MFG	99.9	99.8	99.7
07	106185693	10/27/03 0:00	MFG	99.9	100.1	100.3
07	106185694	10/27/03 0:00	MFG	99.9	100.4	100
07	106185695	10/27/03 0:00	MFG	100.3	100.3	100.7
07	106185696	10/27/03 0:00	MFG	99.9	100.1	100.5
07	106185697	10/27/03 0:00	MFG	100.1	100.1	100.1
07	106185698	10/27/03 0:00	MFG	100.1	100.1	100
07	106185699	10/27/03 0:00	MFG	100.2	100.2	100.1
07	106185700	10/27/03 0:00	MFG	100.1	100.3	99.8
07	106185701	10/27/03 0:00	MFG	99.9	100.1	100.1
07	106185702	10/27/03 0:00	MFG	99.9	100	99.8
07	106185703	10/27/03 0:00	MFG	100	100.1	100.1
07	106185704	10/27/03 0:00	MFG	100.1	100.2	100.3
07	106185705	10/27/03 0:00	MFG	99.7	99.9	99.5
07	106185706	10/27/03 0:00	MFG	99.9	99.7	99.9
07	106185707	10/27/03 0:00	MFG	99.9	100.1	99.9
07	106185708	10/27/03 0:00	MFG	100.1	99.9	99.9
07	106185709	10/27/03 0:00	MFG	100.1	100.1	100.1
07	106185710	10/27/03 0:00	MFG	100	100.2	99.8
07	106185711	10/27/03 0:00	MFG	100.1	100.2	100
07	106185712	10/27/03 0:00	MFG	100	99.8	100.3
07	106185713	10/27/03 0:00	MFG	100	100	99.7
07	106185714	10/27/03 0:00	MFG	100	100.2	100.4
07	106185715	10/27/03 0:00	MFG	99.8	100.3	99.9
07	106185716	10/27/03 0:00	MFG	100	100.1	100.2
07	106185717	10/27/03 0:00	MFG	100.1	100	99.7
07	106185718	10/27/03 0:00	MFG	100	100.3	100.2
07	106185719	10/27/03 0:00	MFG	100	100.2	100
07	106185720	10/27/03 0:00	MFG	100.3	99.6	99.8
07	106185721	10/27/03 0:00	MFG	100	100	99.8
07	106185722	10/27/03 0:00	MFG	99.9	100	100.3
07	106185723	10/27/03 0:00	MFG	100	100.2	100.3
07	106185724	10/27/03 0:00	MFG	100.2	100	100.4
07	106185725	10/27/03 0:00	MFG	100.1	100	100
07	106185726	10/27/03 0:00	MFG	100	100.1	100.1
07	106185727	10/27/03 0:00	MFG	100	100.2	99.7
07	106185728	10/27/03 0:00	MFG	99.9	100.1	100
07	106185729	10/27/03 0:00	MFG	99.8	99.8	99.9
07	106185730	10/27/03 0:00	MFG	99.9	100.1	99.8
07	106185731	10/27/03 0:00	MFG	100.1	100.2	100.6
07	106185732	10/27/03 0:00	MFG	99.8	100.1	99.8
07	106185733	10/27/03 0:00	MFG	99.9	99.8	99.6
07	106185734	10/27/03 0:00	MFG	100.3	100.4	100.3
07	106185735	10/27/03 0:00	MFG	100.2	99.8	100.5
07	106185736	10/27/03 0:00	MFG	100.2	100.3	100.4
07	106185737	10/27/03 0:00	MFG	100	100.3	100
07	106185738	10/27/03 0:00	MFG	99.7	100.1	99.5
07	106185739	10/27/03 0:00	MFG	99.8	100	100
07	106185740	10/27/03 0:00	MFG	99.8	99.9	100
07	106185741	10/27/03 0:00	MFG	100.3	100.2	99.8
07	106185742	10/27/03 0:00	MFG	100.2	100.3	99.9
07	106185743	10/27/03 0:00	MFG	99.9	99.9	99.9
07	106185744	10/27/03 0:00	MFG	100	99.7	99.9
07	106185745	10/27/03 0:00	MFG	99.9	100.1	99.7
07	106185746	10/27/03 0:00	MFG	99.9	99.9	100.2
07	106185747	10/27/03 0:00	MFG	100	100.2	99.8
07	106185748	10/27/03 0:00	MFG	100.1	100	100.4
07	106185749	10/27/03 0:00	MFG	99.8	100	99.7
07	106185750	10/27/03 0:00	MFG	100.2	100.3	100.5
07	106185751	10/27/03 0:00	MFG	100.2	99.9	100.2
07	106185752	10/27/03 0:00	MFG	99.9	100	100
07	106185753	10/27/03 0:00	MFG	99.9	100.1	99.7
07	106185754	10/27/03 0:00	MFG	100	100.2	99.9
07	106185755	10/27/03 0:00	MFG	99.9	100.1	100
07	106185756	10/27/03 0:00	MFG	100.1	100.2	99.9
07	106185757	10/27/03 0:00	MFG	99.9	100.2	100.2
07	106185758	10/27/03 0:00	MFG	100.1	99.7	100.2
07	106185759	10/27/03 0:00	MFG	99.7	100.1	100.1

07	106185760	10/27/03 0:00	MFG	100.1	100.2	100.2
07	106185761	10/27/03 0:00	MFG	100.1	100.1	99.9
07	106185762	10/27/03 0:00	MFG	99.8	100.2	100.2
07	106185763	10/27/03 0:00	MFG	99.9	99.8	99.9
07	106185764	10/27/03 0:00	MFG	99.8	100.2	99.8
07	106185765	10/27/03 0:00	MFG	100	100.4	100.1
07	106185766	10/27/03 0:00	MFG	100.2	100.4	100.2
07	106185767	10/27/03 0:00	MFG	100.1	100.3	100
07	106185768	10/27/03 0:00	MFG	100	100	100.4
07	106185769	10/27/03 0:00	MFG	99.9	100.1	100.6
07	106185770	10/27/03 0:00	MFG	100	100.2	100.3
07	106185771	10/27/03 0:00	MFG	100	99.9	100.3
07	106185772	10/27/03 0:00	MFG	100.1	100.2	100
07	106185773	10/27/03 0:00	MFG	99.9	100.4	100
07	106185774	10/27/03 0:00	MFG	100.1	100	100
07	106185775	10/27/03 0:00	MFG	100	100.2	100
07	106185776	10/27/03 0:00	MFG	100	99.8	100.1
07	106185777	10/27/03 0:00	MFG	100	99.8	99.8
07	106185778	10/27/03 0:00	MFG	99.8	100	99.5
07	106185779	10/27/03 0:00	MFG	99.9	99.8	100
07	106185780	10/27/03 0:00	MFG	100.1	100.2	100.1
07	106185781	10/27/03 0:00	MFG	99.9	100	100
07	106185782	10/27/03 0:00	MFG	99.9	100	100
07	106185783	10/27/03 0:00	MFG	100.1	100.2	100.1
07	106185784	10/27/03 0:00	MFG	99.8	100.1	99.9
07	106185785	10/27/03 0:00	MFG	100.2	100.4	100.2
07	106185786	10/27/03 0:00	MFG	100.1	100.4	100.5
07	106185787	10/27/03 0:00	MFG	99.9	99.9	100
07	106185788	10/27/03 0:00	MFG	100.1	99.9	100.1
07	106185789	10/27/03 0:00	MFG	100.3	100.4	99.9
07	106185790	10/27/03 0:00	MFG	99.9	100.2	100.1
07	106185791	10/27/03 0:00	MFG	100.2	100.1	99.9
07	106185792	10/27/03 0:00	MFG	100.1	100.3	99.8
07	106185793	10/27/03 0:00	MFG	100.1	100.1	100.2
07	106185794	10/27/03 0:00	MFG	99.9	100.2	99.8
07	106185795	10/27/03 0:00	MFG	100.2	99.8	100
07	106185796	10/27/03 0:00	MFG	100.1	100.2	99.8
07	106185797	10/27/03 0:00	MFG	100	100.2	100
07	106185798	10/27/03 0:00	MFG	99.9	100	99.8
07	106185799	10/27/03 0:00	MFG	100.2	100.3	100.7
07	106185800	10/27/03 0:00	MFG	100	100.2	99.9
07	106185801	10/27/03 0:00	MFG	100.1	100.1	100
07	106185802	10/27/03 0:00	MFG	100	100.2	100
07	106185803	10/27/03 0:00	MFG	100	100.1	100
07	106185804	10/27/03 0:00	MFG	100	99.9	99.9
07	106185805	10/27/03 0:00	MFG	99.8	99.9	99.3
07	106185806	10/27/03 0:00	MFG	99.9	99.8	99.9
07	106185807	10/27/03 0:00	MFG	99.8	99.7	100.3
07	106185808	10/27/03 0:00	MFG	100.2	100.1	100.2
07	106185809	10/27/03 0:00	MFG	100.1	100.2	100.2
07	106185810	10/27/03 0:00	MFG	100.1	99.9	99.8
07	106185811	10/27/03 0:00	MFG	99.9	99.8	100.1
07	106185812	10/27/03 0:00	MFG	100	100	100
07	106185813	10/27/03 0:00	MFG	100.2	100	100.4
07	106185814	10/27/03 0:00	MFG	100.1	99.8	99.6
07	106185815	10/27/03 0:00	MFG	99.9	99.8	100
07	106185816	10/27/03 0:00	MFG	100.1	100.3	100
07	106185817	10/27/03 0:00	MFG	100	100	100.2
07	106185818	10/27/03 0:00	MFG	99.8	100	99.6
07	106185819	10/27/03 0:00	MFG	99.8	99.9	99.5
07	106185820	10/27/03 0:00	MFG	100.2	100.2	100.1
07	106185821	10/27/03 0:00	MFG	99.9	100.2	99.9
07	106185822	10/27/03 0:00	MFG	100.1	100.2	99.8
07	106185823	10/27/03 0:00	MFG	100	100.1	100
07	106185824	10/27/03 0:00	MFG	99.8	99.8	99.5
07	106185825	10/27/03 0:00	MFG	100	100.4	100.2
07	106185826	10/27/03 0:00	MFG	99.9	99.9	99.7
07	106185827	10/27/03 0:00	MFG	99.9	100.1	100
07	106185828	10/27/03 0:00	MFG	100	100.1	100



07	106185829	10/27/03 0:00	MFG	99.8	99.7	100
07	106185830	10/27/03 0:00	MFG	100	100.1	99.8
07	106185831	10/27/03 0:00	MFG	100.1	100.1	100
07	106185832	10/27/03 0:00	MFG	100.2	100.1	100
07	106185833	10/27/03 0:00	MFG	100.1	99.9	100.1
07	106185834	10/27/03 0:00	MFG	100.2	100.2	100
07	106185835	10/27/03 0:00	MFG	100	100	99.8
07	106185836	10/27/03 0:00	MFG	100.1	99.9	100
07	106185837	10/27/03 0:00	MFG	100.1	99.9	100.2
07	106185838	10/27/03 0:00	MFG	100	100.2	99.9
07	106185839	10/27/03 0:00	MFG	100	99.9	99.7
07	106185840	10/27/03 0:00	MFG	100.2	100.1	100.1
07	106185841	10/27/03 0:00	MFG	100.2	100.3	100.5
07	106185842	10/27/03 0:00	MFG	99.9	99.9	99.6
07	106185843	10/27/03 0:00	MFG	100.1	99.9	100
07	106185844	10/27/03 0:00	MFG	100	100.1	100.2
07	106185845	10/27/03 0:00	MFG	100.2	100.3	99.9
07	106185846	10/27/03 0:00	MFG	100.1	100.5	100.5
07	106185847	10/27/03 0:00	MFG	99.9	100.3	99.6
07	106185848	10/27/03 0:00	MFG	99.9	100.3	99.7
07	106185849	10/27/03 0:00	MFG	100	100	100.1
07	106185850	10/27/03 0:00	MFG	100.3	100.2	100.4
07	106185851	10/27/03 0:00	MFG	100	100.3	100
07	106185852	10/27/03 0:00	MFG	100	100	99.8
07	106185853	10/27/03 0:00	MFG	100	100.1	100
07	106185854	10/27/03 0:00	MFG	99.9	100.2	100
07	106185855	10/27/03 0:00	MFG	100.3	100.3	100.5
07	106185856	10/27/03 0:00	MFG	100	100.4	99.6
07	106185857	10/27/03 0:00	MFG	100.1	100.1	100
07	106185858	10/27/03 0:00	MFG	99.9	100	100
07	106185859	10/27/03 0:00	MFG	99.9	99.9	99.8
07	106185860	10/27/03 0:00	MFG	100.3	100.2	100.5
07	106185861	10/27/03 0:00	MFG	100	100	100.3
07	106185862	10/27/03 0:00	MFG	99.8	99.9	99.4
07	106185863	10/27/03 0:00	MFG	100	100.2	99.8
07	106185864	10/27/03 0:00	MFG	100	100.1	100
07	106185865	10/27/03 0:00	MFG	100.2	99.8	100.1
07	106185866	10/27/03 0:00	MFG	100	99.7	99.5
07	106185867	10/27/03 0:00	MFG	100.3	100.1	99.9
07	106185868	10/27/03 0:00	MFG	100	100	100
07	106185869	10/27/03 0:00	MFG	100.2	100.3	99.9
07	106185870	10/27/03 0:00	MFG	100.2	100.4	100.3
07	106185871	10/27/03 0:00	MFG	99.9	99.9	99.6
07	106185872	10/27/03 0:00	MFG	100	99.9	100.3
07	106185873	10/27/03 0:00	MFG	100	99.7	100.1
07	106185874	10/27/03 0:00	MFG	99.7	100.1	99.7
07	106185875	10/27/03 0:00	MFG	99.9	100.3	100
07	106185876	10/27/03 0:00	MFG	99.9	99.9	100.2
07	106185877	10/27/03 0:00	MFG	100.1	100.1	100.3
07	106185878	10/27/03 0:00	MFG	100.2	99.9	100.1
07	106185879	10/27/03 0:00	MFG	100.1	100.2	99.9
07	106185880	10/27/03 0:00	MFG	99.9	100	99.8
07	106185881	10/27/03 0:00	MFG	100.2	100	100
07	106185882	10/27/03 0:00	MFG	100.1	100.2	100
07	106185883	10/27/03 0:00	MFG	100.1	100.2	100
07	106185884	10/27/03 0:00	MFG	100.2	100.3	100.2
07	106185885	10/27/03 0:00	MFG	100.1	99.9	99.8
07	106185886	10/27/03 0:00	MFG	100.2	100.3	99.8
07	106185887	10/27/03 0:00	MFG	99.9	99.8	99.6
07	106185888	10/27/03 0:00	MFG	100.1	100.2	99.8
07	106185889	10/27/03 0:00	MFG	100.1	100.4	100.1
07	106185890	10/27/03 0:00	MFG	100.1	100	100
07	106185891	10/27/03 0:00	MFG	99.7	99.8	99.8
07	106185892	10/27/03 0:00	MFG	100.1	100.2	100.1
07	106185893	10/27/03 0:00	MFG	100.3	100.2	100.4
07	106185894	10/27/03 0:00	MFG	100	100.1	99.7
07	106185895	10/27/03 0:00	MFG	100.2	100.1	100.1
07	106185896	10/27/03 0:00	MFG	100	99.9	99.8
07	106185897	10/27/03 0:00	MFG	100	100.2	99.5

07	106185898	10/27/03 0:00	MFG	99.9	100.2	100
07	106185899	10/27/03 0:00	MFG	99.9	99.9	100.1
07	106185900	10/27/03 0:00	MFG	100	100.2	99.7
07	106185901	10/27/03 0:00	MFG	100	100.2	99.8
07	106185902	10/27/03 0:00	MFG	99.9	100.1	99.5
07	106185903	10/27/03 0:00	MFG	99.9	99.7	100
07	106185904	10/27/03 0:00	MFG	100.1	100	99.8
07	106185905	10/27/03 0:00	MFG	100.2	100.3	100.2
07	106185906	10/27/03 0:00	MFG	100.1	100.4	100
07	106185907	10/27/03 0:00	MFG	100.3	100.3	100.5
07	106185908	10/27/03 0:00	MFG	99.9	100.2	99.7
07	106185909	10/27/03 0:00	MFG	100.2	100.2	100
07	106185910	10/27/03 0:00	MFG	99.8	100.3	100.1
07	106185911	10/27/03 0:00	MFG	99.9	99.9	99.8
07	106185912	10/27/03 0:00	MFG	100.2	99.9	100.2
07	106185913	10/27/03 0:00	MFG	100	100	99.6
07	106185914	10/27/03 0:00	MFG	100	100	99.7
07	106185915	10/27/03 0:00	MFG	100.2	99.9	100.1
07	106185916	10/27/03 0:00	MFG	100.1	100.3	100.3
07	106185917	10/27/03 0:00	MFG	99.9	100.2	99.9
07	106185918	10/27/03 0:00	MFG	100.2	100.2	99.9
07	106185919	10/27/03 0:00	MFG	100	100.2	99.9
07	106185920	10/27/03 0:00	MFG	100.1	100.3	100
07	106185921	10/27/03 0:00	MFG	99.9	99.9	99.9
07	106185922	10/27/03 0:00	MFG	99.9	99.8	100
07	106185923	10/27/03 0:00	MFG	100	100.2	99.8
07	106185924	10/27/03 0:00	MFG	100.2	100.4	100.2
07	106185925	10/27/03 0:00	MFG	100	100	99.8
07	106185926	10/27/03 0:00	MFG	100.1	100.1	99.9
07	106185927	10/27/03 0:00	MFG	99.9	100	99.9
07	106185928	10/27/03 0:00	MFG	100.1	100.1	100.3
07	106185929	10/27/03 0:00	MFG	99.9	99.6	100
07	106185930	10/27/03 0:00	MFG	100.1	100.3	99.9
07	106189485	11/7/03 0:00	MFG	99.9	100.2	100.2
07	106189486	11/7/03 0:00	MFG	100.1	100	99.9
07	106189487	11/7/03 0:00	MFG	100.2	100.3	99.7
07	106189488	11/7/03 0:00	MFG	99.8	100	99.6
07	106189489	11/7/03 0:00	MFG	100	100.1	99.8
07	106189490	11/7/03 0:00	MFG	99.9	100	100
07	106189491	11/7/03 0:00	MFG	99.9	100.2	99.8
07	106189492	11/7/03 0:00	MFG	99.9	100.1	100.2
07	106189493	11/7/03 0:00	MFG	100.2	100.3	100.2
07	106189494	11/7/03 0:00	MFG	100.1	100.2	99.9
07	106189495	11/7/03 0:00	MFG	99.9	100.2	99.9
07	106189496	11/7/03 0:00	MFG	100	100.2	100.1
07	106189497	11/7/03 0:00	MFG	100.3	100.1	100.2
07	106189498	11/7/03 0:00	MFG	100.2	100.2	100.4
07	106189499	11/7/03 0:00	MFG	99.8	99.8	99.8
07	106189500	11/7/03 0:00	MFG	100.1	100.2	100.4
07	106189501	11/7/03 0:00	MFG	100	100.3	99.9
07	106189502	11/7/03 0:00	MFG	99.9	100.1	99.5
07	106189503	11/7/03 0:00	MFG	99.8	99.9	100.1
07	106189504	11/7/03 0:00	MFG	100	99.7	99.8
07	106189505	11/7/03 0:00	MFG	100	100.1	99.6
07	106189506	11/7/03 0:00	MFG	100.3	100.2	100.2
07	106189507	11/7/03 0:00	MFG	100.2	100.4	99.9
07	106189508	11/7/03 0:00	MFG	100.1	99.9	100
07	106189509	11/7/03 0:00	MFG	100	100.1	99.9
07	106189510	11/7/03 0:00	MFG	100.1	100	100.5
07	106189511	11/7/03 0:00	MFG	100.2	100.1	100.1
07	106189512	11/7/03 0:00	MFG	100	99.9	99.7
07	106189513	11/7/03 0:00	MFG	100.2	100.1	100
07	106189514	11/7/03 0:00	MFG	100	100.1	100.2
07	106189515	11/7/03 0:00	MFG	99.9	100.2	99.9
07	106189516	11/7/03 0:00	MFG	100	99.8	100.3
07	106189517	11/7/03 0:00	MFG	99.9	100.1	99.5
07	106189518	11/7/03 0:00	MFG	99.8	99.8	99.9
07	106189519	11/7/03 0:00	MFG	100	100	99.8
07	106189520	11/7/03 0:00	MFG	100.2	100.2	99.9

07	106189521	11/7/03 0:00	MFG	100.2	100.2	100.2
07	106189522	11/7/03 0:00	MFG	99.8	100.2	99.8
07	106189523	11/7/03 0:00	MFG	99.9	99.9	99.7
07	106189524	11/7/03 0:00	MFG	100	99.8	99.8
07	106189525	11/7/03 0:00	MFG	100.1	100	99.5
07	106189526	11/7/03 0:00	MFG	100.2	100.3	100.1
07	106189527	11/7/03 0:00	MFG	100	100.1	100.1
07	106189528	11/7/03 0:00	MFG	100	99.9	100
07	106189529	11/7/03 0:00	MFG	100.1	99.9	99.9
07	106189530	11/7/03 0:00	MFG	100	99.9	100
07	106189531	11/7/03 0:00	MFG	100.1	100	99.6
07	106189532	11/7/03 0:00	MFG	100.1	100.2	100.2
07	106189533	11/7/03 0:00	MFG	99.9	99.9	99.8
07	106189534	11/7/03 0:00	MFG	99.9	99.7	99.9
07	106189535	11/7/03 0:00	MFG	100.1	100.3	100
07	106189536	11/7/03 0:00	MFG	100.2	100.2	99.9
07	106189537	11/7/03 0:00	MFG	99.9	99.8	100.3
07	106189538	11/7/03 0:00	MFG	100.1	100.2	100
07	106189539	11/7/03 0:00	MFG	100.1	100.2	100.1
07	106189540	11/7/03 0:00	MFG	100	99.8	100
07	106189541	11/7/03 0:00	MFG	100	100.3	99.5
07	106189542	11/7/03 0:00	MFG	99.8	99.7	100.2
07	106189543	11/7/03 0:00	MFG	100	100.4	99.9
07	106189544	11/7/03 0:00	MFG	100.2	100.1	100.2
07	106189545	11/7/03 0:00	MFG	99.8	100	99.8
07	106189546	11/7/03 0:00	MFG	99.9	100	99.6
07	106189547	11/7/03 0:00	MFG	100	99.8	100
07	106189548	11/7/03 0:00	MFG	99.9	99.8	99.9
07	106189549	11/7/03 0:00	MFG	99.9	100.2	99.7
07	106189550	11/7/03 0:00	MFG	100.2	99.6	99.9
07	106189551	11/7/03 0:00	MFG	100	99.9	99.7
07	106189552	11/7/03 0:00	MFG	100	100.1	99.8
07	106189553	11/7/03 0:00	MFG	100.2	100.2	99.9
07	106189554	11/7/03 0:00	MFG	99.9	100.3	99.9
07	106189555	11/7/03 0:00	MFG	99.9	100.1	100
07	106189556	11/7/03 0:00	MFG	100	100	100.3
07	106189557	11/7/03 0:00	MFG	100	100.1	99.7
07	106189558	11/7/03 0:00	MFG	100	100.1	99.7
07	106189559	11/7/03 0:00	MFG	100.3	100.3	100.4
07	106189560	11/7/03 0:00	MFG	100.2	100	100.2
07	106189561	11/7/03 0:00	MFG	100.1	100.3	100
07	106189562	11/7/03 0:00	MFG	100.1	100	99.7
07	106189563	11/7/03 0:00	MFG	100.1	100.3	100.6
07	106189564	11/7/03 0:00	MFG	100.1	100.4	100
07	106189565	11/7/03 0:00	MFG	99.8	100.1	99.6
07	106189566	11/7/03 0:00	MFG	100.3	100.4	100
07	106189567	11/7/03 0:00	MFG	100.1	100	100.1
07	106189568	11/7/03 0:00	MFG	100	100.3	99.8
07	106189569	11/7/03 0:00	MFG	100	100.2	99.8
07	106189570	11/7/03 0:00	MFG	99.8	100	99.4
07	106189571	11/7/03 0:00	MFG	100	100.2	100
07	106189572	11/7/03 0:00	MFG	100.1	100.3	100.1
07	106189573	11/7/03 0:00	MFG	100.2	100.3	100.5
07	106189574	11/7/03 0:00	MFG	100	100.3	100
07	106189575	11/7/03 0:00	MFG	100	100	99.6
07	106189576	11/7/03 0:00	MFG	100.3	100.4	100.1
07	106189577	11/7/03 0:00	MFG	100.1	100	99.9
07	106189578	11/7/03 0:00	MFG	100	99.7	99.7
07	106189579	11/7/03 0:00	MFG	99.8	100.2	99.8
07	106189580	11/7/03 0:00	MFG	99.9	100	99.9
07	106189581	11/7/03 0:00	MFG	100.1	100.3	99.6
07	106189582	11/7/03 0:00	MFG	99.9	99.8	99.7
07	106189583	11/7/03 0:00	MFG	100.2	99.9	99.9
07	106189584	11/7/03 0:00	MFG	100	100	99.8
07	106189585	11/7/03 0:00	MFG	99.9	99.9	99.7
07	106189586	11/7/03 0:00	MFG	100.2	100.1	100
07	106189587	11/7/03 0:00	MFG	99.9	100	99.7
07	106189588	11/7/03 0:00	MFG	100.2	100.4	100.2
07	106189589	11/7/03 0:00	MFG	100.3	99.7	100.1

07	106189590	11/7/03 0:00	MFG	100.1	100.3	100.1
07	106189591	11/7/03 0:00	MFG	99.9	99.7	99.8
07	106189592	11/7/03 0:00	MFG	99.8	100	99.9
07	106189593	11/7/03 0:00	MFG	100.2	100.1	100.2
07	106189594	11/7/03 0:00	MFG	99.8	99.7	99.8
07	106189595	11/7/03 0:00	MFG	100	100	100.3
07	106189596	11/7/03 0:00	MFG	100	100	99.9
07	106189597	11/7/03 0:00	MFG	100.2	100.3	100.1
07	106189598	11/7/03 0:00	MFG	100.1	100.1	99.7
07	106189599	11/7/03 0:00	MFG	100	100.2	100
07	106189600	11/7/03 0:00	MFG	100.3	100	100
07	106189601	11/7/03 0:00	MFG	100	99.8	100.1
07	106189602	11/7/03 0:00	MFG	100	100.1	100.1
07	106189603	11/7/03 0:00	MFG	100.2	100.2	100.1
07	106189604	11/7/03 0:00	MFG	100.1	100.1	100.2
07	106189605	11/7/03 0:00	MFG	100.1	100.1	100
07	106189606	11/7/03 0:00	MFG	99.9	100.1	99.8
07	106189607	11/7/03 0:00	MFG	100	100	99.7
07	106189608	11/7/03 0:00	MFG	100	99.9	99.9
07	106189609	11/7/03 0:00	MFG	99.8	99.8	99.9
07	106189610	11/7/03 0:00	MFG	100.2	100.2	100.4
07	106189611	11/7/03 0:00	MFG	99.9	100.2	99.9
07	106189612	11/7/03 0:00	MFG	100.1	100.2	99.9
07	106189613	11/7/03 0:00	MFG	100.1	100.1	100.1
07	106189614	11/7/03 0:00	MFG	100	99.7	100.1
07	106189615	11/7/03 0:00	MFG	100.2	100.2	100
07	106189616	11/7/03 0:00	MFG	100.1	100.4	99.7
07	106189617	11/7/03 0:00	MFG	100	100	100.2
07	106189618	11/7/03 0:00	MFG	100	100.2	100.2
07	106189619	11/7/03 0:00	MFG	99.9	99.8	99.7
07	106189620	11/7/03 0:00	MFG	100.1	100.2	100.5
07	106189621	11/7/03 0:00	MFG	99.8	99.8	99.6
07	106189622	11/7/03 0:00	MFG	99.7	100.2	99.7
07	106189623	11/7/03 0:00	MFG	100.1	99.9	100
07	106189624	11/7/03 0:00	MFG	100.2	100.2	100
07	106189625	11/7/03 0:00	MFG	100.1	99.9	100
07	106189626	11/7/03 0:00	MFG	100.1	100.1	99.9
07	106189627	11/7/03 0:00	MFG	100.2	99.9	100.3
07	106189628	11/7/03 0:00	MFG	100.1	100.2	100.2
07	106189629	11/7/03 0:00	MFG	99.9	100.1	99.8
07	106189630	11/7/03 0:00	MFG	100.1	100.3	100.1
07	106189631	11/7/03 0:00	MFG	100.1	100	99.6
07	106189632	11/7/03 0:00	MFG	100	100.3	100
07	106189633	11/7/03 0:00	MFG	100.2	100.4	100
07	106189634	11/7/03 0:00	MFG	99.8	100	100
07	106189635	11/7/03 0:00	MFG	100.1	100	100.1
07	106189636	11/7/03 0:00	MFG	100.1	99.7	99.9
07	106189637	11/7/03 0:00	MFG	100.1	99.9	99.8
07	106189638	11/7/03 0:00	MFG	99.9	99.9	99.7
07	106189639	11/7/03 0:00	MFG	100.1	100.1	99.9
07	106189640	11/7/03 0:00	MFG	99.9	100.1	99.8
07	106189641	11/7/03 0:00	MFG	99.8	100.2	99.9
07	106189642	11/7/03 0:00	MFG	100.1	100.2	99.9
07	106189643	11/7/03 0:00	MFG	100.1	100	99.9
07	106189644	11/7/03 0:00	MFG	99.9	100.1	99.7
07	106189645	11/7/03 0:00	MFG	99.9	100.4	100
07	106189646	11/7/03 0:00	MFG	100.3	100.4	99.9
07	106189647	11/7/03 0:00	MFG	100	100	100.3
07	106189648	11/7/03 0:00	MFG	100.1	100.2	99.9
07	106189649	11/7/03 0:00	MFG	99.9	100.3	100.1
07	106189650	11/7/03 0:00	MFG	99.8	99.7	99.6
07	106189651	11/7/03 0:00	MFG	99.8	100.1	99.7
07	106189652	11/7/03 0:00	MFG	100.2	99.9	100.1
07	106189653	11/7/03 0:00	MFG	100	100	99.8
07	106189654	11/7/03 0:00	MFG	100	100.4	100
07	106189655	11/7/03 0:00	MFG	99.8	99.7	100.3
07	106189656	11/7/03 0:00	MFG	100	100.2	99.9
07	106189657	11/7/03 0:00	MFG	100	100.2	99.7
07	106189658	11/7/03 0:00	MFG	99.8	100.1	99.7

07	106189659	11/7/03 0:00	MFG	99.7	100.3	100.2
07	106189660	11/7/03 0:00	MFG	100	100.1	100
07	106189661	11/7/03 0:00	MFG	100	100.2	100
07	106189662	11/7/03 0:00	MFG	100	99.8	99.7
07	106189663	11/7/03 0:00	MFG	99.9	100.3	99.7
07	106189664	11/7/03 0:00	MFG	99.7	100	99.8
07	106189665	11/7/03 0:00	MFG	100	99.9	99.9
07	106189666	11/7/03 0:00	MFG	100	100.1	99.9
07	106189667	11/7/03 0:00	MFG	99.9	100.1	100.1
07	106189668	11/7/03 0:00	MFG	99.8	100	99.8
07	106189669	11/7/03 0:00	MFG	100	100.2	100
07	106189670	11/7/03 0:00	MFG	100.2	100.1	100.1
07	106189671	11/7/03 0:00	MFG	100	100.2	100
07	106189672	11/7/03 0:00	MFG	100	100.1	100.2
07	106189673	11/7/03 0:00	MFG	100	100.4	100
07	106189674	11/7/03 0:00	MFG	99.9	99.7	99.5
07	106189675	11/7/03 0:00	MFG	100	99.9	99.6
07	106189676	11/7/03 0:00	MFG	100.1	100.3	100.1
07	106189677	11/7/03 0:00	MFG	100.1	99.8	99.9
07	106189678	11/7/03 0:00	MFG	99.8	99.8	99.5
07	106189679	11/7/03 0:00	MFG	100	100.2	100
07	106189680	11/7/03 0:00	MFG	100.1	99.6	100.4
07	106189681	11/7/03 0:00	MFG	99.9	100.4	99.8
07	106189682	11/7/03 0:00	MFG	100.2	100.2	100.1
07	106189683	11/7/03 0:00	MFG	99.9	100.2	100
07	106189684	11/7/03 0:00	MFG	99.8	100	99.7
07	106189685	11/7/03 0:00	MFG	100.1	100.4	99.8
07	106189686	11/7/03 0:00	MFG	100.2	100.4	100
07	106189687	11/7/03 0:00	MFG	99.8	100.1	99.8
07	106189688	11/7/03 0:00	MFG	99.7	100.1	100.2
07	106189689	11/7/03 0:00	MFG	100.2	100.3	100.2
07	106189690	11/7/03 0:00	MFG	100	100	99.9
07	106189691	11/7/03 0:00	MFG	100	99.8	99.9
07	106189692	11/7/03 0:00	MFG	100.1	100.3	99.9
07	106189693	11/7/03 0:00	MFG	99.9	100.2	99.9
07	106189694	11/7/03 0:00	MFG	100	100.1	99.6
07	106189695	11/7/03 0:00	MFG	100	100.4	99.7
07	106189696	11/7/03 0:00	MFG	99.9	100.2	99.8
07	106189697	11/7/03 0:00	MFG	100.1	100	100.3
07	106189698	11/7/03 0:00	MFG	99.8	100.2	100.4
07	106189699	11/7/03 0:00	MFG	100.1	100.4	100
07	106189700	11/7/03 0:00	MFG	99.9	99.7	100
07	106189701	11/7/03 0:00	MFG	100	100	99.6
07	106189702	11/7/03 0:00	MFG	99.9	100.2	100.1
07	106189703	11/7/03 0:00	MFG	99.9	100	100.1
07	106189704	11/7/03 0:00	MFG	99.8	100.3	100.1
07	106189705	11/7/03 0:00	MFG	99.9	100	100.1
07	106189706	11/7/03 0:00	MFG	99.8	99.9	99.9
07	106189707	11/7/03 0:00	MFG	100	99.8	99.8
07	106189708	11/7/03 0:00	MFG	100.1	100.4	100.1
07	106189709	11/7/03 0:00	MFG	99.9	100.2	99.6
07	106189710	11/7/03 0:00	MFG	100	99.8	100.3
07	106189711	11/7/03 0:00	MFG	100.1	100.1	100.2
07	106189712	11/7/03 0:00	MFG	99.9	100.1	100
07	106189713	11/7/03 0:00	MFG	100	100.2	100.4
07	106189714	11/7/03 0:00	MFG	100	99.9	99.9
07	106189715	11/7/03 0:00	MFG	100	100.1	99.9
07	106189716	11/7/03 0:00	MFG	100	100	99.8
07	106189717	11/7/03 0:00	MFG	100	100	100.2
07	106189718	11/7/03 0:00	MFG	100	100	99.8
07	106189719	11/7/03 0:00	MFG	100.1	99.8	99.8
07	106189720	11/7/03 0:00	MFG	100.2	100.1	100.4
07	106189721	11/7/03 0:00	MFG	99.8	99.6	99.4
07	106189722	11/7/03 0:00	MFG	100.2	100.4	100.1
07	106189723	11/7/03 0:00	MFG	100.2	100.3	100
07	106189724	11/7/03 0:00	MFG	100	100.1	99.7
07	106189725	11/7/03 0:00	MFG	100.1	100.4	100.2
07	106189726	11/7/03 0:00	MFG	100.1	100.1	100.1
07	106189727	11/7/03 0:00	MFG	99.8	100.2	100.1

07	106189728	11/7/03 0:00	MFG	100	100.3	100
07	106189729	11/7/03 0:00	MFG	100	100.3	100.2
07	106189730	11/7/03 0:00	MFG	100.1	100.3	100.1
07	106189731	11/7/03 0:00	MFG	99.8	100.2	100.2
07	106189732	11/7/03 0:00	MFG	100.2	99.8	100.1
07	106189733	11/7/03 0:00	MFG	99.9	100.1	100
07	106189734	11/7/03 0:00	MFG	100	100.2	100
07	106189735	11/7/03 0:00	MFG	99.7	100.2	99.5
07	106189736	11/7/03 0:00	MFG	100	99.8	100.1
07	106189737	11/7/03 0:00	MFG	99.8	99.9	99.8
07	106189738	11/7/03 0:00	MFG	99.7	100	99.6
07	106189739	11/7/03 0:00	MFG	100.3	99.9	100.2
07	106189740	11/7/03 0:00	MFG	99.9	99.6	100.4
07	106189741	11/7/03 0:00	MFG	99.9	100	100
07	106189742	11/7/03 0:00	MFG	100	100.4	99.9
07	106189743	11/7/03 0:00	MFG	100	100.1	99.9
07	106189744	11/7/03 0:00	MFG	100.1	99.7	100.1
07	106189745	11/7/03 0:00	MFG	100	100.2	100
07	106189746	11/7/03 0:00	MFG	99.7	99.6	99.7
07	106189747	11/7/03 0:00	MFG	99.9	100.3	99.9
07	106189748	11/7/03 0:00	MFG	100.1	99.9	99.9
07	106189749	11/7/03 0:00	MFG	99.8	100	99.5
07	106189750	11/7/03 0:00	MFG	99.9	99.9	100.1
07	106189751	11/7/03 0:00	MFG	100	100	100.2
07	106189752	11/7/03 0:00	MFG	100.1	100.3	100.1
07	106189753	11/7/03 0:00	MFG	100.1	100.3	100.2
07	106189754	11/7/03 0:00	MFG	99.9	100	99.5
07	106189755	11/7/03 0:00	MFG	100	100.4	100.2
07	106189756	11/7/03 0:00	MFG	100.2	100.1	100.4
07	106189757	11/7/03 0:00	MFG	99.8	100.2	100.2
07	106189758	11/7/03 0:00	MFG	100.2	100.4	100.1
07	106189759	11/7/03 0:00	MFG	100.2	100.2	100.1
07	106189760	11/7/03 0:00	MFG	100.1	100.1	100.1
07	106189761	11/7/03 0:00	MFG	99.8	99.9	99.6
07	106189762	11/7/03 0:00	MFG	100.1	100.1	100
07	106189763	11/7/03 0:00	MFG	100	100.4	99.8
07	106189764	11/7/03 0:00	MFG	100.1	100.2	100.2
07	106189765	11/7/03 0:00	MFG	99.9	100.1	99.9
07	106189766	11/7/03 0:00	MFG	100	100.1	100.1
07	106189767	11/7/03 0:00	MFG	99.9	99.6	100.2
07	106189768	11/7/03 0:00	MFG	100	100.3	100.1
07	106189769	11/7/03 0:00	MFG	99.9	100	100
07	106189770	11/7/03 0:00	MFG	100.1	100	99.7
07	106189771	11/7/03 0:00	MFG	100.1	100.2	100
07	106189772	11/7/03 0:00	MFG	100	99.9	100.1
07	106189773	11/7/03 0:00	MFG	100.1	100.2	100.4
07	106189774	11/7/03 0:00	MFG	99.8	99.9	99.8
07	106189775	11/7/03 0:00	MFG	99.9	99.8	99.6
07	106189776	11/7/03 0:00	MFG	100.2	100.1	100.4
07	106189777	11/7/03 0:00	MFG	100	100.3	100
07	106189778	11/7/03 0:00	MFG	100.2	100.4	100.2
07	106189779	11/7/03 0:00	MFG	100.1	100.1	100.2
07	106189780	11/7/03 0:00	MFG	100	100.3	100
07	106189781	11/7/03 0:00	MFG	99.8	100.2	100
07	106189782	11/7/03 0:00	MFG	100.2	100.1	100.5
07	106189783	11/7/03 0:00	MFG	100	99.6	100.2
07	106189784	11/7/03 0:00	MFG	100	100.1	99.9
07	106189785	11/7/03 0:00	MFG	100.2	100.4	100.2
07	106189786	11/7/03 0:00	MFG	100.1	100	100
07	106189787	11/7/03 0:00	MFG	100.1	100	100.1
07	106189788	11/7/03 0:00	MFG	100.1	100	100.2
07	106189789	11/7/03 0:00	MFG	100.2	100.4	100.5
07	106189790	11/7/03 0:00	MFG	99.9	100	100
07	106189791	11/7/03 0:00	MFG	100	100.2	99.6
07	106189792	11/7/03 0:00	MFG	100	100.2	99.8
07	106189793	11/7/03 0:00	MFG	100	100	99.8
07	106189794	11/7/03 0:00	MFG	100.3	100.2	100.3
07	106189795	11/7/03 0:00	MFG	100	100.2	99.5
07	106189796	11/7/03 0:00	MFG	99.8	99.7	99.7

07	106189797	11/7/03 0:00	MFG	100	100	100.1
07	106189798	11/7/03 0:00	MFG	100	100	100
07	106189799	11/7/03 0:00	MFG	100.2	100.1	100.2
07	106189800	11/7/03 0:00	MFG	99.9	100.2	99.7
07	106189801	11/7/03 0:00	MFG	100	100.4	99.8
07	106189802	11/7/03 0:00	MFG	99.9	100.1	99.8
07	106189803	11/7/03 0:00	MFG	99.8	100	100.6
07	106189804	11/7/03 0:00	MFG	100	100.1	99.7
07	106189805	11/7/03 0:00	MFG	99.9	99.9	99.6
07	106189806	11/7/03 0:00	MFG	99.9	100.3	100
07	106189807	11/7/03 0:00	MFG	100.1	100.1	100
07	106189808	11/7/03 0:00	MFG	99.9	100.3	100.1
07	106189809	11/7/03 0:00	MFG	100	100.1	99.9
07	106189810	11/7/03 0:00	MFG	100	99.8	99.9
07	106189811	11/7/03 0:00	MFG	100	100.3	99.9
07	106189812	11/7/03 0:00	MFG	100	100.4	100.3
07	106189813	11/7/03 0:00	MFG	100	100.2	100.1
07	106189814	11/7/03 0:00	MFG	100.2	100	100.3
07	106189815	11/7/03 0:00	MFG	100	100.4	100.2
07	106189816	11/7/03 0:00	MFG	100	100.2	99.7
07	106189817	11/7/03 0:00	MFG	100.1	100.3	99.9
07	106189818	11/7/03 0:00	MFG	100.1	100	100
07	106189819	11/7/03 0:00	MFG	100	100	99.6
07	106189820	11/7/03 0:00	MFG	99.9	100	100.2
07	106189821	11/7/03 0:00	MFG	100.3	100.3	100.4
07	106189822	11/7/03 0:00	MFG	100	100.3	100.1
07	106189823	11/7/03 0:00	MFG	100.1	100.2	100.1
07	106189824	11/7/03 0:00	MFG	100	99.9	100.1
07	106189825	11/7/03 0:00	MFG	100.2	100.4	99.9
07	106189826	11/7/03 0:00	MFG	100.1	100.1	99.6
07	106189827	11/7/03 0:00	MFG	100	100	100.2
07	106189828	11/7/03 0:00	MFG	99.9	99.8	100
07	106189829	11/7/03 0:00	MFG	100	99.7	99.7
07	106189830	11/7/03 0:00	MFG	100.3	100.2	100.1
07	106189831	11/7/03 0:00	MFG	100.3	100.2	100.3
07	106189832	11/7/03 0:00	MFG	99.9	100	99.6
07	106189833	11/7/03 0:00	MFG	100	100.1	100
07	106189834	11/7/03 0:00	MFG	100	100.1	99.6
07	106189835	11/7/03 0:00	MFG	99.8	99.9	99.5
07	106189836	11/7/03 0:00	MFG	100.2	100.1	100.1
07	106189837	11/7/03 0:00	MFG	99.8	100.4	99.7
07	106189838	11/7/03 0:00	MFG	99.9	100.4	100
07	106189839	11/7/03 0:00	MFG	100	100	100.2
07	106189840	11/7/03 0:00	MFG	100	100	99.8
07	106189841	11/7/03 0:00	MFG	100.1	100.2	99.7
07	106189842	11/7/03 0:00	MFG	100	100	99.7
07	106189843	11/7/03 0:00	MFG	100.2	100.4	100.2
07	106189844	11/7/03 0:00	MFG	99.8	100	99.9
07	106189845	11/7/03 0:00	MFG	100.3	100	100.2
07	106189846	11/7/03 0:00	MFG	99.8	100.2	100
07	106189847	11/7/03 0:00	MFG	100	100.2	100.2
07	106189848	11/7/03 0:00	MFG	100	99.9	99.6
07	106189849	11/7/03 0:00	MFG	100	100.2	100
07	106189850	11/7/03 0:00	MFG	100.3	100	100.1
07	106189851	11/7/03 0:00	MFG	99.8	99.8	99.6
07	106189852	11/7/03 0:00	MFG	100	100	99.8
07	106188328	11/24/03 0:00	MFG	100.1	100.1	100.1
07	106188329	11/24/03 0:00	MFG	100.1	100	100.1
07	106188330	11/24/03 0:00	MFG	100.1	100	100
07	106188331	11/24/03 0:00	MFG	100.1	100.1	100.1
07	106188332	11/24/03 0:00	MFG	100.1	100	100.1
07	106188333	11/24/03 0:00	MFG	100.1	100	100
07	106188334	11/24/03 0:00	MFG	100.1	100	100.1
07	106188335	11/24/03 0:00	MFG	100.1	100	100
07	106188336	11/24/03 0:00	MFG	100.1	100	100.1
07	106188337	11/24/03 0:00	MFG	100.1	100	100
07	106188338	11/24/03 0:00	MFG	100.1	100	100.2
07	106188339	11/24/03 0:00	MFG	100.1	100	100
07	106188340	11/24/03 0:00	MFG	100.1	100.1	100

07	106188341	11/24/03 0:00	MFG	100.1	100	100.1
07	106188342	11/24/03 0:00	MFG	100.1	100	100
07	106188343	11/24/03 0:00	MFG	100.1	100	100.1
07	106188344	11/24/03 0:00	MFG	100.1	100	100.1
07	106188345	11/24/03 0:00	MFG	100.1	100	100
07	106188346	11/24/03 0:00	MFG	100.1	100	100.1
07	106188347	11/24/03 0:00	MFG	100.1	100	100.2
07	106188348	11/24/03 0:00	MFG	100.1	100	100
07	106188349	11/24/03 0:00	MFG	100.1	100	100.1
07	106188350	11/24/03 0:00	MFG	100.1	100	100
07	106188351	11/24/03 0:00	MFG	100.1	100	100
07	106188352	11/24/03 0:00	MFG	100.1	100	100.1
07	106188353	11/24/03 0:00	MFG	100.1	100.1	100
07	106188354	11/24/03 0:00	MFG	100.1	100	100
07	106188355	11/24/03 0:00	MFG	100.1	100	100.1
07	106188356	11/24/03 0:00	MFG	100.1	100	100.1
07	106188357	11/24/03 0:00	MFG	100.1	100	100.1
07	106188358	11/24/03 0:00	MFG	100.1	100	100.1
07	106188359	11/24/03 0:00	MFG	100.1	100	100.1
07	106188360	11/24/03 0:00	MFG	100.1	100	100.2
07	106188361	11/24/03 0:00	MFG	100.1	99.9	100
07	106188362	11/24/03 0:00	MFG	100.1	99.9	99.9
07	106188363	11/24/03 0:00	MFG	100.1	100.1	100
07	106188364	11/24/03 0:00	MFG	100.1	100	100
07	106188365	11/24/03 0:00	MFG	100.1	100	100.2
07	106188366	11/24/03 0:00	MFG	100.1	100	100.2
07	106188367	11/24/03 0:00	MFG	100.1	100.1	100
07	106188368	11/24/03 0:00	MFG	100.1	100	100.1
07	106188369	11/24/03 0:00	MFG	100.1	100	100
07	106188370	11/24/03 0:00	MFG	100.1	100	100
07	106188371	11/24/03 0:00	MFG	100.1	100.1	100.2
07	106188372	11/24/03 0:00	MFG	100.1	100	100
07	106188373	11/24/03 0:00	MFG	100.1	100	100.1
07	106188374	11/24/03 0:00	MFG	100.1	100	100
07	106188375	11/24/03 0:00	MFG	100.1	100	100.1
07	106188376	11/24/03 0:00	MFG	100.1	100	100.1
07	106188377	11/24/03 0:00	MFG	100.1	100	100
07	106188378	11/24/03 0:00	MFG	100.1	100	100
07	106188379	11/24/03 0:00	MFG	100.1	100	100.1
07	106188380	11/24/03 0:00	MFG	100.1	99.9	100.1
07	106188381	11/24/03 0:00	MFG	100.1	100.1	100.1
07	106188382	11/24/03 0:00	MFG	100.1	100	100.1
07	106188383	11/24/03 0:00	MFG	100.1	100	100.1
07	106188384	11/24/03 0:00	MFG	100.1	100.1	100
07	106188385	11/24/03 0:00	MFG	100.1	100.1	100.1
07	106188386	11/24/03 0:00	MFG	100.1	100.1	100.2
07	106188387	11/24/03 0:00	MFG	100.1	100.1	100.2
07	106188388	11/24/03 0:00	MFG	100.1	100.1	100.1
07	106188389	11/24/03 0:00	MFG	100.1	100.1	100
07	106188390	11/24/03 0:00	MFG	100.1	100	100.1
07	106188391	11/24/03 0:00	MFG	100.1	100	100
07	106188392	11/24/03 0:00	MFG	100.1	100	100.1
07	106188393	11/24/03 0:00	MFG	100.1	99.9	100
07	106188394	11/24/03 0:00	MFG	100.1	100.1	100
07	106188395	11/24/03 0:00	MFG	100.1	100	100
07	106188396	11/24/03 0:00	MFG	100.1	100	100.1
07	106188397	11/24/03 0:00	MFG	100.1	100	100.1
07	106188398	11/24/03 0:00	MFG	100.1	100	100.1
07	106188399	11/24/03 0:00	MFG	100.1	100	100
07	106188400	11/24/03 0:00	MFG	100.1	100.1	100
07	106188401	11/24/03 0:00	MFG	100.1	100	100.1
07	106188402	11/24/03 0:00	MFG	100.1	100	100
07	106188403	11/24/03 0:00	MFG	100.1	100	100.1
07	106188404	11/24/03 0:00	MFG	100.1	100.1	100.1
07	106188405	11/24/03 0:00	MFG	100.1	100	100.1
07	106188406	11/24/03 0:00	MFG	100.1	100	100.1
07	106188407	11/24/03 0:00	MFG	100.1	100	100.1
07	106188408	11/24/03 0:00	MFG	100.1	100	100.1
07	106188409	11/24/03 0:00	MFG	100.1	100	100.1



07	106188410	11/24/03 0:00	MFG	100.1	100.1	100.2
07	106188411	11/24/03 0:00	MFG	100.1	100	100
07	106188412	11/24/03 0:00	MFG	100.1	100	100.1
07	106188413	11/24/03 0:00	MFG	100.1	100	100.1
07	106188414	11/24/03 0:00	MFG	100.1	100	100.1
07	106188415	11/24/03 0:00	MFG	100.1	100	100.1
07	106188416	11/24/03 0:00	MFG	100.1	100	100.1
07	106188417	11/24/03 0:00	MFG	100.1	100.1	100.1
07	106188418	11/24/03 0:00	MFG	100.1	100	100
07	106188419	11/24/03 0:00	MFG	100.1	100	100
07	106188420	11/24/03 0:00	MFG	100.1	100.1	100
07	106188421	11/24/03 0:00	MFG	100.1	100	100.1
07	106188422	11/24/03 0:00	MFG	100.1	100	100.1
07	106188423	11/24/03 0:00	MFG	100.1	100.1	100
07	106188424	11/24/03 0:00	MFG	100.1	100.1	100.1
07	106188425	11/24/03 0:00	MFG	100.1	100	100.2
07	106188426	11/24/03 0:00	MFG	100.1	100	100
07	106188427	11/24/03 0:00	MFG	100.1	100	100.1
07	106188428	11/24/03 0:00	MFG	100.1	100.1	100.1
07	106188429	11/24/03 0:00	MFG	100.1	100	100.1
07	106188430	11/24/03 0:00	MFG	100.1	100	100
07	106188431	11/24/03 0:00	MFG	100.1	100.1	100.1
07	106188432	11/24/03 0:00	MFG	100.1	100	100
07	106188433	11/24/03 0:00	MFG	100.1	100	100.1
07	106188434	11/24/03 0:00	MFG	100.1	100	100.1
07	106188435	11/24/03 0:00	MFG	100.1	100	100.1
07	106188436	11/24/03 0:00	MFG	100.1	100	100
07	106188437	11/24/03 0:00	MFG	100.1	100	100
07	106188438	11/24/03 0:00	MFG	100.1	100	100
07	106188439	11/24/03 0:00	MFG	100.1	100	100.1
07	106188440	11/24/03 0:00	MFG	100.1	100.1	100.1
07	106188441	11/24/03 0:00	MFG	100.1	99.9	99.9
07	106188442	11/24/03 0:00	MFG	100.1	100	100.1
07	106188443	11/24/03 0:00	MFG	100.1	100	100
07	106188444	11/24/03 0:00	MFG	100.1	100	100
07	106188445	11/24/03 0:00	MFG	100.1	100	100.1
07	106188446	11/24/03 0:00	MFG	100.1	100	100
07	106188447	11/24/03 0:00	MFG	100.1	100.1	100.2
07	106188448	11/24/03 0:00	MFG	100.1	100.1	100.1
07	106188449	11/24/03 0:00	MFG	100.1	100.1	100.1
07	106188450	11/24/03 0:00	MFG	100.1	100	100.1
07	106188451	11/24/03 0:00	MFG	100.1	100	99.9
07	106188452	11/24/03 0:00	MFG	100.1	99.9	100.2
07	106188453	11/24/03 0:00	MFG	100.1	99.9	100.1
07	106188454	11/24/03 0:00	MFG	100.1	100	100.1
07	106188455	11/24/03 0:00	MFG	100.1	100.1	100.1
07	106188456	11/24/03 0:00	MFG	100.1	100	100.1
07	106188457	11/24/03 0:00	MFG	100.1	100	100.1
07	106188458	11/24/03 0:00	MFG	100.1	100	100.1
07	106188459	11/24/03 0:00	MFG	100.1	100	100
07	106188460	11/24/03 0:00	MFG	100.1	100.1	100.1
07	106188461	11/24/03 0:00	MFG	100.1	100	100.1
07	106188462	11/24/03 0:00	MFG	100.1	100	100.1
07	106188463	11/24/03 0:00	MFG	100.1	100	99.9
07	106188464	11/24/03 0:00	MFG	100.1	100	100
07	106188465	11/24/03 0:00	MFG	100.1	100.1	100.1
07	106188466	11/24/03 0:00	MFG	100.1	100	100.1
07	106188467	11/24/03 0:00	MFG	100.1	100	100.1
07	106188468	11/24/03 0:00	MFG	100.1	100	100.1
07	106188469	11/24/03 0:00	MFG	100.1	100	100.1
07	106188470	11/24/03 0:00	MFG	100.1	100	100
07	106188471	11/24/03 0:00	MFG	100.1	100	100.1
07	106188472	11/24/03 0:00	MFG	100.1	100	100
07	106188473	11/24/03 0:00	MFG	100.1	100	100
07	106188474	11/24/03 0:00	MFG	100.1	99.9	100.1
07	106188475	11/24/03 0:00	MFG	100.1	100	100.1
07	106188476	11/24/03 0:00	MFG	100.1	100	100
07	106188477	11/24/03 0:00	MFG	100.1	100	100
07	106188478	11/24/03 0:00	MFG	100.1	99.9	100



07	106188548	11/24/03 0:00	MFG	100.1	100	100.1
07	106188549	11/24/03 0:00	MFG	100.1	100	100.1
07	106188550	11/24/03 0:00	MFG	100.1	100	100.1
07	106188551	11/24/03 0:00	MFG	100.1	100	100.1
07	106188552	11/24/03 0:00	MFG	100.1	100	100.1
07	106188553	11/24/03 0:00	MFG	100.1	100	100.1
07	106188554	11/24/03 0:00	MFG	100.1	100.1	100.1
07	106188555	11/24/03 0:00	MFG	100.1	100	100.2
07	106188556	11/24/03 0:00	MFG	100.1	100	100.1
07	106188557	11/24/03 0:00	MFG	100.1	100	100.1
07	106188558	11/24/03 0:00	MFG	100.1	99.9	100
07	106188559	11/24/03 0:00	MFG	100.1	100	100.1
07	106188560	11/24/03 0:00	MFG	100.1	100	100
07	106188561	11/24/03 0:00	MFG	100.1	100	100.1
07	106188562	11/24/03 0:00	MFG	100.1	100.1	100.1
07	106188563	11/24/03 0:00	MFG	100.1	100	100.1
07	106188564	11/24/03 0:00	MFG	100.1	100	100
07	106188565	11/24/03 0:00	MFG	100.1	100	100.2
07	106188566	11/24/03 0:00	MFG	100.1	100	100
07	106188567	11/24/03 0:00	MFG	100.1	100	100
07	106188568	11/24/03 0:00	MFG	100.1	100	100.1
07	106188569	11/24/03 0:00	MFG	100.1	100	100.1
07	106188570	11/24/03 0:00	MFG	100.1	100	100.1
07	106188571	11/24/03 0:00	MFG	100.1	100	100.1
07	106188572	11/24/03 0:00	MFG	100.1	100.1	100.1
07	106188573	11/24/03 0:00	MFG	100.1	100	100.1
07	106188574	11/24/03 0:00	MFG	100.1	100	100.1
07	106188575	11/24/03 0:00	MFG	100.1	100	100
07	106188576	11/24/03 0:00	MFG	100.1	100	100.1
07	106188577	11/24/03 0:00	MFG	100.1	100.1	100.1
07	106188578	11/24/03 0:00	MFG	100.1	100.1	100.1
07	106188579	11/24/03 0:00	MFG	100.1	100	100.1
07	106188580	11/24/03 0:00	MFG	100.1	100	100.1
07	106188581	11/24/03 0:00	MFG	100.1	100	100.2
07	106188582	11/24/03 0:00	MFG	100.1	100	100.1
07	106188583	11/24/03 0:00	MFG	100.1	100	100
07	106188584	11/24/03 0:00	MFG	100.1	100	100.1
07	106188585	11/24/03 0:00	MFG	100.1	100	100.1
07	106188586	11/24/03 0:00	MFG	100.1	100	100
07	106188587	11/24/03 0:00	MFG	100.1	100.1	100.1
07	106188588	11/24/03 0:00	MFG	100.1	100	100.1
07	106188589	11/24/03 0:00	MFG	100.1	100	100.2
07	106188590	11/24/03 0:00	MFG	100.1	100	100.1
07	106188591	11/24/03 0:00	MFG	100.1	100	100.1
07	106188592	11/24/03 0:00	MFG	100.1	100	100
07	106188593	11/24/03 0:00	MFG	100.1	100.1	100.1
07	106188594	11/24/03 0:00	MFG	100.1	100	100
07	106188595	11/24/03 0:00	MFG	100.1	100	100.1
07	106188596	11/24/03 0:00	MFG	100.1	100	100
07	106188597	11/24/03 0:00	MFG	100.1	100	100
07	106188598	11/24/03 0:00	MFG	100.1	100	100.1
07	106188599	11/24/03 0:00	MFG	100.1	100	100.1
07	106188600	11/24/03 0:00	MFG	100.1	100.1	100.1
07	106188601	11/24/03 0:00	MFG	100.1	100	100.1
07	106188602	11/24/03 0:00	MFG	100.1	100	100
07	106188603	11/24/03 0:00	MFG	100.1	100	100.1
07	106188604	11/24/03 0:00	MFG	100.1	100	100.1
07	106188605	11/24/03 0:00	MFG	100.1	100	100.1
07	106188606	11/24/03 0:00	MFG	100.1	100	100
07	106188607	11/24/03 0:00	MFG	100.1	99.9	100
07	106188608	11/24/03 0:00	MFG	100.1	100	100
07	106188609	11/24/03 0:00	MFG	100.1	100	100
07	106188610	11/24/03 0:00	MFG	100.1	100	100
07	106188611	11/24/03 0:00	MFG	100.1	100.1	100.1
07	106188612	11/24/03 0:00	MFG	100.1	100	100.1
07	106188613	11/24/03 0:00	MFG	100.1	100	100
07	106188614	11/24/03 0:00	MFG	100.1	100.1	100.2
07	106188615	11/24/03 0:00	MFG	100.1	100.1	100.1
07	106188616	11/24/03 0:00	MFG	100.1	100	100.1

07	106188617	11/24/03 0:00	MFG	100.1	100	100
07	106188618	11/24/03 0:00	MFG	100.1	99.9	100.1
07	106188619	11/24/03 0:00	MFG	100.1	100	100.1
07	106188620	11/24/03 0:00	MFG	100.1	100	100.1
07	106188621	11/24/03 0:00	MFG	100.1	100.1	100.1
07	106188622	11/24/03 0:00	MFG	100.1	100	100
07	106188623	11/24/03 0:00	MFG	100.1	100.1	100
07	106188624	11/24/03 0:00	MFG	100.1	100	100
07	106188625	11/24/03 0:00	MFG	100.1	100	100.1
07	106188626	11/24/03 0:00	MFG	100.1	100.1	100.1
07	106188627	11/24/03 0:00	MFG	100.1	100	100
07	106188628	11/24/03 0:00	MFG	100.1	100	100
07	106188629	11/24/03 0:00	MFG	100.1	100	100.1
07	106188630	11/24/03 0:00	MFG	100.1	100	100.1
07	106188631	11/24/03 0:00	MFG	100.1	100	100.1
07	106188632	11/24/03 0:00	MFG	100.1	100	100.1
07	106188633	11/24/03 0:00	MFG	100.1	100	100.1
07	106188634	11/24/03 0:00	MFG	100.1	100.1	100.1
07	106188635	11/24/03 0:00	MFG	100.1	100.1	100.2
07	106188636	11/24/03 0:00	MFG	100.1	100	100.1
07	106188637	11/24/03 0:00	MFG	100.1	100	100.1
07	106188638	11/24/03 0:00	MFG	100.1	100.1	100.1
07	106188639	11/24/03 0:00	MFG	100.1	100.1	100.1
07	106188640	11/24/03 0:00	MFG	100.1	100	100
07	106188641	11/24/03 0:00	MFG	100.1	100	100
07	106188642	11/24/03 0:00	MFG	100.1	100.1	100.1
07	106188643	11/24/03 0:00	MFG	100.1	100	100
07	106188644	11/24/03 0:00	MFG	100.1	100.1	100.1
07	106188645	11/24/03 0:00	MFG	100.1	100	100.1
07	106188646	11/24/03 0:00	MFG	100.1	100	99.9
07	106188647	11/24/03 0:00	MFG	100.1	100	100
07	106188648	11/24/03 0:00	MFG	100.1	100	100.1
07	106188649	11/24/03 0:00	MFG	100.1	100	100.1
07	106188650	11/24/03 0:00	MFG	100.1	100	100.1
07	106188651	11/24/03 0:00	MFG	100.1	100	100
07	106188652	11/24/03 0:00	MFG	100.1	100	100
07	106188653	11/24/03 0:00	MFG	100.1	100	100.1
07	106188654	11/24/03 0:00	MFG	100.1	100.1	100
07	106188655	11/24/03 0:00	MFG	100.1	100.1	100.1
07	106188656	11/24/03 0:00	MFG	100.1	100	100
07	106188657	11/24/03 0:00	MFG	100.1	100	100.1
07	106188658	11/24/03 0:00	MFG	100.1	100	100
07	106188659	11/24/03 0:00	MFG	100.1	100	100
07	106188660	11/24/03 0:00	MFG	100.1	100.1	100
07	106188661	11/24/03 0:00	MFG	100.1	100	100
07	106188662	11/24/03 0:00	MFG	100.1	100	99.9
07	106188663	11/24/03 0:00	MFG	100.1	100	100.1
07	106188664	11/24/03 0:00	MFG	100.1	100	100
07	106188665	11/24/03 0:00	MFG	100.1	100	100
07	106188666	11/24/03 0:00	MFG	100.1	100	100
07	106188667	11/24/03 0:00	MFG	100.1	100	100.1
07	106188668	11/24/03 0:00	MFG	100.1	100	100.1
07	106188669	11/24/03 0:00	MFG	100.1	100	100
07	106188670	11/24/03 0:00	MFG	100.1	100.1	100.1
07	106188671	11/24/03 0:00	MFG	100.1	100	100
07	106188672	11/24/03 0:00	MFG	100.1	100	100
07	106188673	11/24/03 0:00	MFG	100.1	100	100
07	106188674	11/24/03 0:00	MFG	100.1	100	100
07	106188675	11/24/03 0:00	MFG	100.1	100	100.2
07	106188676	11/24/03 0:00	MFG	100.1	99.9	100
07	106188677	11/24/03 0:00	MFG	100.1	100	100.1
07	106188678	11/24/03 0:00	MFG	100.1	100	100.1
07	106188679	11/24/03 0:00	MFG	100.1	100	100
07	106188680	11/24/03 0:00	MFG	100.1	100.1	100.1
07	106188681	11/24/03 0:00	MFG	100.1	100.1	100.1
07	106188682	11/24/03 0:00	MFG	100.1	100	100
07	106188683	11/24/03 0:00	MFG	100.1	100	100
07	106188684	11/24/03 0:00	MFG	100.1	100	100.1
07	106188685	11/24/03 0:00	MFG	100.1	100	100

07	106188686	11/24/03 0:00	MFG	100.1	100	100
07	106188687	11/24/03 0:00	MFG	100.1	100	100.2
07	106188688	11/24/03 0:00	MFG	100.1	100	100.1
07	106188689	11/24/03 0:00	MFG	100.1	100	100
07	106188690	11/24/03 0:00	MFG	100.1	100	99.9
07	106188691	11/24/03 0:00	MFG	100.1	100.1	100.1
07	106188692	11/24/03 0:00	MFG	100.1	100	100.1
07	106188693	11/24/03 0:00	MFG	100.1	100	100.1
07	106188694	11/24/03 0:00	MFG	100.1	100	100.1
07	106188695	11/24/03 0:00	MFG	100.1	100	100.1
07	106188696	11/24/03 0:00	MFG	100.1	100	100
07	106188697	11/24/03 0:00	MFG	100.1	100	100.1
07	106188698	11/24/03 0:00	MFG	100.1	99.9	100
07	106188699	11/24/03 0:00	MFG	100.1	100.1	100.1
07	106188700	11/24/03 0:00	MFG	100.1	100.1	100.1
07	106188701	11/24/03 0:00	MFG	100.1	100	100.2
07	106188702	11/24/03 0:00	MFG	100.1	100	100
07	106188703	11/24/03 0:00	MFG	100.1	100	100.1
07	106188704	11/24/03 0:00	MFG	100.1	100	100.1
07	106188705	11/24/03 0:00	MFG	100.1	100.1	100.1
07	106188706	11/24/03 0:00	MFG	100.1	100	100
07	106188707	11/24/03 0:00	MFG	100.1	100	100
07	106188708	11/24/03 0:00	MFG	100.1	100	100.1
07	106188709	11/24/03 0:00	MFG	100.1	100	100.2
07	106188710	11/24/03 0:00	MFG	100.1	100	100.1
07	106188711	11/24/03 0:00	MFG	100.1	100	100
07	106188712	11/24/03 0:00	MFG	100.1	100	100.1
07	106188713	11/24/03 0:00	MFG	100.1	100.1	100.1
07	106188714	11/24/03 0:00	MFG	100.1	100	100
07	106188715	11/24/03 0:00	MFG	100.1	100.1	100
07	106188716	11/24/03 0:00	MFG	100.1	100.1	100.1
07	106188717	11/24/03 0:00	MFG	100.1	100	100.1
07	106188718	11/24/03 0:00	MFG	100.1	100	99.9
07	106188719	11/24/03 0:00	MFG	100.1	100	100
07	106188720	11/24/03 0:00	MFG	100.1	100	100
07	106188721	11/24/03 0:00	MFG	100.1	100	100.2
07	106188722	11/24/03 0:00	MFG	100.1	100	100
07	106188723	11/24/03 0:00	MFG	100.1	100	100.1
07	106188724	11/24/03 0:00	MFG	100.1	100	100
07	106188725	11/24/03 0:00	MFG	100.1	99.9	100
07	106188726	11/24/03 0:00	MFG	100.1	100	99.9
07	106188727	11/24/03 0:00	MFG	100.1	100	100.1
07	106188728	11/24/03 0:00	MFG	100.1	100	100
07	106188729	11/24/03 0:00	MFG	100.1	100	100.1
07	106188730	11/24/03 0:00	MFG	100.1	100	100
07	106188731	11/24/03 0:00	MFG	100.1	100	100.1
07	106188732	11/24/03 0:00	MFG	100.1	100.1	100
07	106188733	11/24/03 0:00	MFG	100.1	100	100
07	106188734	11/24/03 0:00	MFG	100.1	100	100
07	106188735	11/24/03 0:00	MFG	100.1	100	100
07	106188736	11/24/03 0:00	MFG	100.1	100	100.1
07	106188737	11/24/03 0:00	MFG	100.1	100	100.1
07	106188738	11/24/03 0:00	MFG	100.1	100	100
07	106188739	11/24/03 0:00	MFG	100.1	100	100
07	106188740	11/24/03 0:00	MFG	100.1	100	100
07	106188741	11/24/03 0:00	MFG	100.1	100	100.1
07	106188742	11/24/03 0:00	MFG	100.1	100	100
07	106188743	11/24/03 0:00	MFG	100.1	100	100
07	106188744	11/24/03 0:00	MFG	100.1	100	100
07	106188745	11/24/03 0:00	MFG	100.1	100	100.1
07	106188746	11/24/03 0:00	MFG	100.1	100	100
07	106188747	11/24/03 0:00	MFG	100.1	100.1	100.2
07	106188748	11/24/03 0:00	MFG	100.1	100	100.1
07	106188749	11/24/03 0:00	MFG	100.1	100	100.1
07	106188750	11/24/03 0:00	MFG	100.1	100	100
07	106188751	11/24/03 0:00	MFG	100.1	100	100.1
07	106146118	11/27/03 0:00	MFG	100	100	100
07	106192471	12/8/03 0:00	MFG	99.9	100.4	99.8
07	106192472	12/8/03 0:00	MFG	100.1	100.1	99.9

07	106192473	12/8/03 0:00	MFG	99.9	100.3	99.6
07	106192474	12/8/03 0:00	MFG	100.2	99.7	99.7
07	106192475	12/8/03 0:00	MFG	100.1	100.2	99.6
07	106192476	12/8/03 0:00	MFG	100.2	100.2	100.2
07	106192477	12/8/03 0:00	MFG	100	100.1	99.6
07	106192478	12/8/03 0:00	MFG	100	100.2	99.7
07	106192479	12/8/03 0:00	MFG	100.1	100.1	100
07	106192480	12/8/03 0:00	MFG	99.8	100.1	99.9
07	106192481	12/8/03 0:00	MFG	100	100	100
07	106192482	12/8/03 0:00	MFG	100.2	100.3	100.4
07	106192483	12/8/03 0:00	MFG	100	100.3	99.5
07	106192484	12/8/03 0:00	MFG	100.1	100.2	100.1
07	106192485	12/8/03 0:00	MFG	99.8	100.1	99.6
07	106192486	12/8/03 0:00	MFG	100	100	99.6
07	106192487	12/8/03 0:00	MFG	99.9	100	99.9
07	106192488	12/8/03 0:00	MFG	100	100.2	99.7
07	106192489	12/8/03 0:00	MFG	99.9	100.2	99.8
07	106192490	12/8/03 0:00	MFG	99.8	100.3	100.2
07	106192491	12/8/03 0:00	MFG	100.1	100.2	100.5
07	106192492	12/8/03 0:00	MFG	99.9	100	100.2
07	106192493	12/8/03 0:00	MFG	100	100.2	100.4
07	106192494	12/8/03 0:00	MFG	100.1	100.3	99.8
07	106192495	12/8/03 0:00	MFG	100.1	100.3	100.2
07	106192496	12/8/03 0:00	MFG	99.9	100.3	99.7
07	106192497	12/8/03 0:00	MFG	100.1	100.4	100.2
07	106192498	12/8/03 0:00	MFG	100	100.2	100.3
07	106192499	12/8/03 0:00	MFG	99.8	99.9	99.6
07	106192500	12/8/03 0:00	MFG	99.8	100.1	99.7
07	106192501	12/8/03 0:00	MFG	100	100.2	100.4
07	106192502	12/8/03 0:00	MFG	99.9	100.1	100
07	106192503	12/8/03 0:00	MFG	99.8	100	99.9
07	106192504	12/8/03 0:00	MFG	100.1	100.4	100.6
07	106192505	12/8/03 0:00	MFG	99.7	100.1	100.4
07	106192506	12/8/03 0:00	MFG	100	100.3	99.8
07	106192507	12/8/03 0:00	MFG	99.9	100.1	100.5
07	106192508	12/8/03 0:00	MFG	99.8	100.1	99.8
07	106192509	12/8/03 0:00	MFG	100	100.1	99.8
07	106192510	12/8/03 0:00	MFG	99.8	100.1	99.9
07	106192511	12/8/03 0:00	MFG	99.8	100	100.1
07	106192512	12/8/03 0:00	MFG	100	100.1	99.7
07	106192513	12/8/03 0:00	MFG	100.3	100.3	100.6
07	106192514	12/8/03 0:00	MFG	100.1	100.3	99.7
07	106192515	12/8/03 0:00	MFG	99.8	100.1	99.5
07	106192516	12/8/03 0:00	MFG	100	100	100
07	106192517	12/8/03 0:00	MFG	99.9	100.1	99.9
07	106192518	12/8/03 0:00	MFG	99.9	100	100
07	106192519	12/8/03 0:00	MFG	99.8	100.1	99.6
07	106192520	12/8/03 0:00	MFG	100	100.1	100.1
07	106192521	12/8/03 0:00	MFG	99.8	100	99.5
07	106192522	12/8/03 0:00	MFG	99.9	99.9	99.8
07	106192523	12/8/03 0:00	MFG	100.1	100.2	100
07	106192524	12/8/03 0:00	MFG	100	100	100.2
07	106192525	12/8/03 0:00	MFG	99.9	99.6	100.2
07	106192526	12/8/03 0:00	MFG	100.1	100.4	100.4
07	106192527	12/8/03 0:00	MFG	100.2	100.3	100.2
07	106192528	12/8/03 0:00	MFG	99.9	100.3	100
07	106192529	12/8/03 0:00	MFG	99.9	100.3	100.3
07	106192530	12/8/03 0:00	MFG	100.2	99.9	100.1
07	106192531	12/8/03 0:00	MFG	99.9	100.1	99.6
07	106192532	12/8/03 0:00	MFG	99.9	100.1	99.8
07	106192533	12/8/03 0:00	MFG	100	100.1	99.7
07	106192534	12/8/03 0:00	MFG	99.9	100.2	99.8
07	106192535	12/8/03 0:00	MFG	100.2	100.3	100.1
07	106192536	12/8/03 0:00	MFG	99.9	100	99.4
07	106192537	12/8/03 0:00	MFG	100	100.3	100
07	106192538	12/8/03 0:00	MFG	99.9	100	100.1
07	106192539	12/8/03 0:00	MFG	100	100.3	100.3
07	106192540	12/8/03 0:00	MFG	100	100.1	99.8
07	106192541	12/8/03 0:00	MFG	100	100.4	99.7

07	106192542	12/8/03 0:00	MFG	99.9	100.2	99.8
07	106192543	12/8/03 0:00	MFG	99.8	99.8	99.6
07	106192544	12/8/03 0:00	MFG	100.2	100.2	100.4
07	106192545	12/8/03 0:00	MFG	100	100	99.8
07	106192546	12/8/03 0:00	MFG	100.1	100.4	100.1
07	106192547	12/8/03 0:00	MFG	99.9	100	100
07	106192548	12/8/03 0:00	MFG	100.2	100.4	99.7
07	106192549	12/8/03 0:00	MFG	100.1	100.3	99.6
07	106192550	12/8/03 0:00	MFG	100	100	99.8
07	106192551	12/8/03 0:00	MFG	100	100	99.7
07	106192552	12/8/03 0:00	MFG	100	100.1	100
07	106192553	12/8/03 0:00	MFG	99.9	100.1	99.6
07	106192554	12/8/03 0:00	MFG	99.9	100.1	100.2
07	106192555	12/8/03 0:00	MFG	100.2	100.4	100.2
07	106192556	12/8/03 0:00	MFG	100.3	100.2	100.5
07	106192557	12/8/03 0:00	MFG	100.2	100.1	99.7
07	106192558	12/8/03 0:00	MFG	99.9	100.3	99.7
07	106192559	12/8/03 0:00	MFG	100.1	100.1	99.7
07	106192560	12/8/03 0:00	MFG	100	99.8	100
07	106192561	12/8/03 0:00	MFG	100.1	100.3	99.7
07	106192562	12/8/03 0:00	MFG	100.1	100.2	100.3
07	106192563	12/8/03 0:00	MFG	100.2	100.5	100.2
07	106192564	12/8/03 0:00	MFG	100	100.3	99.9
07	106192565	12/8/03 0:00	MFG	100	100.1	99.9
07	106192566	12/8/03 0:00	MFG	99.9	100.1	99.4
07	106192567	12/8/03 0:00	MFG	100	100.2	99.8
07	106192568	12/8/03 0:00	MFG	100.2	100.2	100
07	106192569	12/8/03 0:00	MFG	100	100.1	99.7
07	106192570	12/8/03 0:00	MFG	100	100	100.3
07	106192571	12/8/03 0:00	MFG	100.1	100	99.9
07	106192572	12/8/03 0:00	MFG	100	100.4	100.4
07	106192573	12/8/03 0:00	MFG	100.1	100.1	100.1
07	106192574	12/8/03 0:00	MFG	100	100.3	99.5
07	106192575	12/8/03 0:00	MFG	99.9	100.2	99.7
07	106192576	12/8/03 0:00	MFG	100	100.1	100.1
07	106192577	12/8/03 0:00	MFG	100	100.2	100.2
07	106192578	12/8/03 0:00	MFG	100	100.3	99.9
07	106192579	12/8/03 0:00	MFG	100.2	100.2	99.8
07	106192580	12/8/03 0:00	MFG	99.7	99.9	99.8
07	106192581	12/8/03 0:00	MFG	100.2	100.3	100
07	106192582	12/8/03 0:00	MFG	100.2	100.3	100.2
07	106192583	12/8/03 0:00	MFG	100	99.8	100.3
07	106192584	12/8/03 0:00	MFG	100	100.2	100
07	106192585	12/8/03 0:00	MFG	100	100.1	100
07	106192586	12/8/03 0:00	MFG	100.2	100.1	100.5
07	106192587	12/8/03 0:00	MFG	100	100.2	100.3
07	106192588	12/8/03 0:00	MFG	100	100	99.7
07	106192589	12/8/03 0:00	MFG	100.2	100.2	99.8
07	106192590	12/8/03 0:00	MFG	100	100.2	100.1
07	106192591	12/8/03 0:00	MFG	100	100.1	99.7
07	106192592	12/8/03 0:00	MFG	100	100.1	99.6
07	106192593	12/8/03 0:00	MFG	99.9	99.9	100
07	106192594	12/8/03 0:00	MFG	100	99.8	100.4
07	106192595	12/8/03 0:00	MFG	100.1	100.3	100.1
07	106192596	12/8/03 0:00	MFG	100	100.2	100.2
07	106192597	12/8/03 0:00	MFG	99.9	100	99.8
07	106192598	12/8/03 0:00	MFG	100	100.3	99.8
07	106192599	12/8/03 0:00	MFG	100.3	100.2	100
07	106192600	12/8/03 0:00	MFG	100.1	100	100
07	106192601	12/8/03 0:00	MFG	100	99.9	100.3
07	106192602	12/8/03 0:00	MFG	99.9	100.2	99.7
07	106192603	12/8/03 0:00	MFG	100.2	100.2	99.8
07	106192604	12/8/03 0:00	MFG	100	100	100.1
07	106192605	12/8/03 0:00	MFG	100	100.2	100.1
07	106192606	12/8/03 0:00	MFG	100.2	100.1	100
07	106192607	12/8/03 0:00	MFG	99.9	100.2	100.1
07	106192608	12/8/03 0:00	MFG	99.9	100.1	99.9
07	106192609	12/8/03 0:00	MFG	99.9	99.9	99.8
07	106192610	12/8/03 0:00	MFG	99.9	100.2	99.9

07	106192611	12/8/03 0:00	MFG	99.9	100.4	99.7
07	106192612	12/8/03 0:00	MFG	99.9	100.1	99.8
07	106192613	12/8/03 0:00	MFG	99.9	100.2	100.1
07	106192614	12/8/03 0:00	MFG	99.9	99.9	99.6
07	106192615	12/8/03 0:00	MFG	100	100.1	99.8
07	106192616	12/8/03 0:00	MFG	100.1	100.1	100.3
07	106192617	12/8/03 0:00	MFG	100	99.8	99.7
07	106192618	12/8/03 0:00	MFG	100	100.1	100.1
07	106192619	12/8/03 0:00	MFG	100	100.1	99.7
07	106192620	12/8/03 0:00	MFG	100.3	100.2	100.1
07	106192621	12/8/03 0:00	MFG	100	100.3	99.8
07	106192622	12/8/03 0:00	MFG	100.1	100.4	99.7
07	106192623	12/8/03 0:00	MFG	99.9	100.2	100
07	106192624	12/8/03 0:00	MFG	100	100.1	100
07	106192625	12/8/03 0:00	MFG	99.7	100.4	99.4
07	106192626	12/8/03 0:00	MFG	100	100.2	100.1
07	106192627	12/8/03 0:00	MFG	100.1	100.2	99.7
07	106192628	12/8/03 0:00	MFG	100.1	100	99.6
07	106192629	12/8/03 0:00	MFG	100	100.2	99.8
07	106192630	12/8/03 0:00	MFG	99.9	100.4	99.8
07	106192631	12/8/03 0:00	MFG	100.2	100.3	100.4
07	106192632	12/8/03 0:00	MFG	100.2	100.2	99.6
07	106192633	12/8/03 0:00	MFG	100	100.1	99.7
07	106192634	12/8/03 0:00	MFG	99.8	100.1	99.8
07	106192635	12/8/03 0:00	MFG	100	100.3	100.2
07	106192636	12/8/03 0:00	MFG	100.1	100.2	100.1
07	106192637	12/8/03 0:00	MFG	100.1	100.5	100.1
07	106192638	12/8/03 0:00	MFG	99.9	99.9	99.7
07	106192639	12/8/03 0:00	MFG	99.9	100	100.6
07	106192640	12/8/03 0:00	MFG	100.1	100.2	99.8
07	106192641	12/8/03 0:00	MFG	100.2	100.1	100.1
07	106192642	12/8/03 0:00	MFG	100.1	100.4	100
07	106192643	12/8/03 0:00	MFG	100	100.3	100
07	106192644	12/8/03 0:00	MFG	100.1	100.4	100
07	106192645	12/8/03 0:00	MFG	100.2	100	99.8
07	106192646	12/8/03 0:00	MFG	100.2	100.3	99.8
07	106192647	12/8/03 0:00	MFG	100.1	100.1	99.7
07	106192648	12/8/03 0:00	MFG	100.1	100.2	100.5
07	106192649	12/8/03 0:00	MFG	99.8	100.3	100.2
07	106192650	12/8/03 0:00	MFG	100.1	100.3	100.4
07	106192651	12/8/03 0:00	MFG	100	100.2	99.8
07	106192652	12/8/03 0:00	MFG	99.9	100	99.6
07	106192653	12/8/03 0:00	MFG	100.2	100.1	100.3
07	106192654	12/8/03 0:00	MFG	100	100.2	100
07	106192655	12/8/03 0:00	MFG	100	100.2	100
07	106192656	12/8/03 0:00	MFG	100	100.4	99.8
07	106192657	12/8/03 0:00	MFG	99.8	100.1	99.5
07	106192658	12/8/03 0:00	MFG	100	100.2	99.9
07	106192659	12/8/03 0:00	MFG	100	100.3	99.9
07	106192660	12/8/03 0:00	MFG	100.2	100.4	100.3
07	106192661	12/8/03 0:00	MFG	100.1	100.2	99.6
07	106192662	12/8/03 0:00	MFG	99.9	100.1	100
07	106192663	12/8/03 0:00	MFG	99.8	100.1	99.6
07	106192664	12/8/03 0:00	MFG	100	100	99.8
07	106192665	12/8/03 0:00	MFG	100.2	100.2	99.7
07	106192666	12/8/03 0:00	MFG	100.1	99.9	100
07	106192667	12/8/03 0:00	MFG	100	100.2	99.8
07	106192668	12/8/03 0:00	MFG	100	100.1	99.8
07	106192669	12/8/03 0:00	MFG	100	100.2	99.8
07	106192670	12/8/03 0:00	MFG	100.2	100.1	100.6
07	106192671	12/8/03 0:00	MFG	100	100.2	99.9
07	106192672	12/8/03 0:00	MFG	100	99.9	100.2
07	106192673	12/8/03 0:00	MFG	100.2	99.8	99.8
07	106192674	12/8/03 0:00	MFG	100	100	99.7
07	106192675	12/8/03 0:00	MFG	100	100.4	99.9
07	106192676	12/8/03 0:00	MFG	100	100.2	99.9
07	106192677	12/8/03 0:00	MFG	99.9	100.2	99.7
07	106192678	12/8/03 0:00	MFG	100	100.1	99.9
07	106192679	12/8/03 0:00	MFG	99.8	100.2	99.6



07	106192680	12/8/03 0:00	MFG	100.2	100.4	100
07	106192681	12/8/03 0:00	MFG	100.1	100.5	100
07	106192682	12/8/03 0:00	MFG	100.1	100.3	100
07	106192683	12/8/03 0:00	MFG	100	100.2	100
07	106192684	12/8/03 0:00	MFG	100.1	100.3	100.1
07	106192685	12/8/03 0:00	MFG	100	100.3	99.9
07	106192686	12/8/03 0:00	MFG	99.8	99.8	99.5
07	106192687	12/8/03 0:00	MFG	100.3	100.3	100.3
07	106192688	12/8/03 0:00	MFG	100	100	99.8
07	106192689	12/8/03 0:00	MFG	100	100.3	100
07	106192690	12/8/03 0:00	MFG	100	100.3	100.1
07	106192691	12/8/03 0:00	MFG	99.9	100.3	99.5
07	106192692	12/8/03 0:00	MFG	100	100.2	100.2
07	106192693	12/8/03 0:00	MFG	100.1	100.3	99.9
07	106192694	12/8/03 0:00	MFG	100	100	99.9
07	106192695	12/8/03 0:00	MFG	100	100.3	99.6
07	106192696	12/8/03 0:00	MFG	100	100.2	99.7
07	106192697	12/8/03 0:00	MFG	100	100.1	99.9
07	106192698	12/8/03 0:00	MFG	100	100.4	99.7
07	106192699	12/8/03 0:00	MFG	100	100.3	100.1
07	106192700	12/8/03 0:00	MFG	99.9	100.1	100.1
07	106192701	12/8/03 0:00	MFG	100	100.3	99.9
07	106192702	12/8/03 0:00	MFG	100	100.3	100.1
07	106192703	12/8/03 0:00	MFG	100.1	100.2	99.9
07	106192704	12/8/03 0:00	MFG	100	99.9	100
07	106192705	12/8/03 0:00	MFG	99.9	100.2	100.1
07	106192706	12/8/03 0:00	MFG	100.1	100.2	99.9
07	106192707	12/8/03 0:00	MFG	100.2	99.9	100.1
07	106192708	12/8/03 0:00	MFG	99.9	99.9	99.6
07	106192709	12/8/03 0:00	MFG	100	100.3	100
07	106192710	12/8/03 0:00	MFG	100.1	100.1	100.1
07	106192711	12/8/03 0:00	MFG	99.8	100.2	99.8
07	106192712	12/8/03 0:00	MFG	100	100.3	100.2
07	106192713	12/8/03 0:00	MFG	100	100.3	99.8
07	106192714	12/8/03 0:00	MFG	100.1	100.3	100
07	106192715	12/8/03 0:00	MFG	100	100.2	99.9
07	106192716	12/8/03 0:00	MFG	100.3	100	100.2
07	106192717	12/8/03 0:00	MFG	100.2	100.2	100
07	106192718	12/8/03 0:00	MFG	100	99.9	100.1
07	106192719	12/8/03 0:00	MFG	99.9	100.1	99.8
07	106192720	12/8/03 0:00	MFG	99.8	100.3	99.7
07	106192721	12/8/03 0:00	MFG	99.9	100.2	99.8
07	106192722	12/8/03 0:00	MFG	100	100.2	99.7
07	106192723	12/8/03 0:00	MFG	100	100.3	99.8
07	106192724	12/8/03 0:00	MFG	99.9	100	99.8
07	106192725	12/8/03 0:00	MFG	100	100.1	100
07	106192726	12/8/03 0:00	MFG	99.9	100	99.8
07	106192727	12/8/03 0:00	MFG	100	100.2	100
07	106192728	12/8/03 0:00	MFG	100	100.2	100.1
07	106192729	12/8/03 0:00	MFG	100	100.2	99.9
07	106192730	12/8/03 0:00	MFG	100.2	100.3	99.8
07	106192731	12/8/03 0:00	MFG	99.9	100.1	99.7
07	106192732	12/8/03 0:00	MFG	100.1	100.3	100
07	106192733	12/8/03 0:00	MFG	99.9	99.8	99.9
07	106192734	12/8/03 0:00	MFG	100	100.2	99.9
07	106192735	12/8/03 0:00	MFG	99.9	100.3	99.8
07	106192736	12/8/03 0:00	MFG	100.1	100.3	100.1
07	106192737	12/8/03 0:00	MFG	100	100.2	99.9
07	106192738	12/8/03 0:00	MFG	100.2	100.1	99.9
07	106192739	12/8/03 0:00	MFG	100.2	100.4	100.2
07	106192740	12/8/03 0:00	MFG	100.2	100	100.6
07	106192741	12/8/03 0:00	MFG	100.1	100.3	99.8
07	106192742	12/8/03 0:00	MFG	100	99.9	99.9
07	106192743	12/8/03 0:00	MFG	100.2	100	100
07	106192744	12/8/03 0:00	MFG	100	99.9	100
07	106192745	12/8/03 0:00	MFG	100	100.4	99.9
07	106192746	12/8/03 0:00	MFG	100.1	100.2	99.9
07	106192747	12/8/03 0:00	MFG	100	100.2	100.2
07	106192748	12/8/03 0:00	MFG	100.1	100.4	99.8

07	106192749	12/8/03 0:00	MFG	100	100.2	100
07	106192750	12/8/03 0:00	MFG	100	100.1	100.2
07	106192751	12/8/03 0:00	MFG	99.7	100.1	100.1
07	106192752	12/8/03 0:00	MFG	100.1	100.3	100.1
07	106192753	12/8/03 0:00	MFG	99.8	100.2	99.7
07	106192754	12/8/03 0:00	MFG	100.1	100.3	100.1
07	106192755	12/8/03 0:00	MFG	99.9	100	100.1
07	106192756	12/8/03 0:00	MFG	100.2	100.3	99.9
07	106192757	12/8/03 0:00	MFG	100.1	100.1	100
07	106192758	12/8/03 0:00	MFG	100.1	100	99.7
07	106192759	12/8/03 0:00	MFG	100.1	100.4	99.9
07	106192760	12/8/03 0:00	MFG	100	100.1	100.1
07	106192761	12/8/03 0:00	MFG	100	100.4	100.1
07	106192762	12/8/03 0:00	MFG	100.3	100.2	100
07	106192763	12/8/03 0:00	MFG	100	100	100.2
07	106192764	12/8/03 0:00	MFG	99.8	99.9	100.1
07	106192765	12/8/03 0:00	MFG	100	100.2	99.7
07	106192766	12/8/03 0:00	MFG	99.9	99.9	99.9
07	106192767	12/8/03 0:00	MFG	100	100.4	99.9
07	106192768	12/8/03 0:00	MFG	99.8	100.2	99.9
07	106192769	12/8/03 0:00	MFG	99.9	100.2	99.7
07	106192770	12/8/03 0:00	MFG	100.1	100.2	100
07	106192771	12/8/03 0:00	MFG	99.9	100.2	99.9
07	106192772	12/8/03 0:00	MFG	99.9	99.8	99.9
07	106192773	12/8/03 0:00	MFG	99.9	100.1	100
07	106192774	12/8/03 0:00	MFG	100.1	100.4	100.1
07	106192775	12/8/03 0:00	MFG	99.9	100	99.8
07	106192776	12/8/03 0:00	MFG	100.1	100.2	99.8
07	106192777	12/8/03 0:00	MFG	100	100.3	99.7
07	106192778	12/8/03 0:00	MFG	99.8	100.2	99.5
07	106192779	12/8/03 0:00	MFG	100.1	100.3	100.1
07	106192780	12/8/03 0:00	MFG	99.8	99.9	99.7
07	106192781	12/8/03 0:00	MFG	100.2	100.2	100.1
07	106192782	12/8/03 0:00	MFG	100.1	100.4	99.9
07	106192783	12/8/03 0:00	MFG	100	100.4	99.8
07	106192784	12/8/03 0:00	MFG	100.2	100	99.9
07	106192785	12/8/03 0:00	MFG	99.8	100	99.6
07	106192786	12/8/03 0:00	MFG	100	100.3	99.9
07	106192787	12/8/03 0:00	MFG	99.9	99.8	99.8
07	106192788	12/8/03 0:00	MFG	99.9	100	99.6
07	106192789	12/8/03 0:00	MFG	99.9	100.1	99.6
07	106192790	12/8/03 0:00	MFG	100	100.4	99.9
07	106192791	12/8/03 0:00	MFG	100.1	100.1	100.1
07	106192792	12/8/03 0:00	MFG	100.1	100.1	99.9
07	106192793	12/8/03 0:00	MFG	100	99.7	99.8
07	106192794	12/8/03 0:00	MFG	99.8	99.9	99.5
07	106192795	12/8/03 0:00	MFG	99.8	100	99.7
07	106192796	12/8/03 0:00	MFG	100	100.1	100
07	106192797	12/8/03 0:00	MFG	100.1	99.9	100
07	106192798	12/8/03 0:00	MFG	99.9	100.1	100
07	106192799	12/8/03 0:00	MFG	100	100	100
07	106192800	12/8/03 0:00	MFG	100	100.4	100
07	106192801	12/8/03 0:00	MFG	100.2	100.3	99.9
07	106192802	12/8/03 0:00	MFG	99.8	100.3	100.1
07	106192803	12/8/03 0:00	MFG	100	100	99.7
07	106192804	12/8/03 0:00	MFG	99.8	99.9	99.7
07	106192805	12/8/03 0:00	MFG	100	100.1	99.9
07	106192806	12/8/03 0:00	MFG	100.1	100.4	99.9
07	106192807	12/8/03 0:00	MFG	99.9	100.3	99.8
07	106192808	12/8/03 0:00	MFG	99.7	100.3	100.3
07	106192809	12/8/03 0:00	MFG	100.2	100.3	99.7
07	106192810	12/8/03 0:00	MFG	100	100.4	99.8
07	106192811	12/8/03 0:00	MFG	100.2	99.9	100.3
07	106192812	12/8/03 0:00	MFG	100.1	100.2	100.2
07	106192813	12/8/03 0:00	MFG	100	100.3	99.9
07	106192814	12/8/03 0:00	MFG	100.2	100.1	100.1
07	106192815	12/8/03 0:00	MFG	100.1	100.3	100.3
07	106192816	12/8/03 0:00	MFG	100.1	100.3	100
07	106192817	12/8/03 0:00	MFG	99.9	100	99.9

07	106192818	12/8/03 0:00	MFG	100.1	100	99.6
07	106192819	12/8/03 0:00	MFG	100	99.9	99.9
07	106192820	12/8/03 0:00	MFG	100	100.2	100
07	106192821	12/8/03 0:00	MFG	99.9	100.1	99.6
07	106192822	12/8/03 0:00	MFG	100.1	100.1	100.2
07	106192823	12/8/03 0:00	MFG	100.1	100.1	100.2
07	106192824	12/8/03 0:00	MFG	100	100.1	99.9
07	106192825	12/8/03 0:00	MFG	100	100.3	99.9
07	106192826	12/8/03 0:00	MFG	100	100.2	100.2
07	106192827	12/8/03 0:00	MFG	100	100.4	100.3
07	106192828	12/8/03 0:00	MFG	100	100.5	99.8
07	106192829	12/8/03 0:00	MFG	99.8	100.2	99.6
07	106192830	12/8/03 0:00	MFG	99.8	100.3	100.1
07	106192831	12/8/03 0:00	MFG	99.8	100.3	99.7
07	106192832	12/8/03 0:00	MFG	100.1	99.8	100
07	106192833	12/8/03 0:00	MFG	100.1	100.1	100
07	106192834	12/8/03 0:00	MFG	100	100.1	99.7
07	106192835	12/8/03 0:00	MFG	99.9	100.2	100
07	106192836	12/8/03 0:00	MFG	100.2	100.3	100.3
07	106192837	12/8/03 0:00	MFG	99.9	100	99.7
07	106192838	12/8/03 0:00	MFG	100.2	100.2	100.2
07	106192839	12/8/03 0:00	MFG	100.2	100.3	99.8
07	106192840	12/8/03 0:00	MFG	100	100.2	100.2
07	106192841	12/8/03 0:00	MFG	99.9	100.4	99.8
07	106192842	12/8/03 0:00	MFG	99.9	100.2	99.6
07	106192843	12/8/03 0:00	MFG	100	100	99.6
07	106192844	12/8/03 0:00	MFG	100	100.1	100
07	106192845	12/8/03 0:00	MFG	100	100.2	99.9
07	106192846	12/8/03 0:00	MFG	100.2	100	100.1
07	106192847	12/8/03 0:00	MFG	100.3	100.2	99.9
07	106192848	12/8/03 0:00	MFG	100	100.4	100.1
07	106192849	12/8/03 0:00	MFG	100.1	100.3	100.1
07	106192850	12/8/03 0:00	MFG	100.1	100	100.3
07	106192851	12/8/03 0:00	MFG	100.2	100.3	100.3
07	106192852	12/8/03 0:00	MFG	99.8	100.2	99.4
07	106192853	12/8/03 0:00	MFG	99.9	99.9	99.7
07	106192854	12/8/03 0:00	MFG	100	100.2	100.1
07	106192855	12/8/03 0:00	MFG	99.8	100.3	100.1
07	106192856	12/8/03 0:00	MFG	100.2	100.1	100.2
07	106192857	12/8/03 0:00	MFG	100.2	100.3	100.1
07	106192858	12/8/03 0:00	MFG	99.9	100	99.8
07	106192859	12/8/03 0:00	MFG	100	100.1	100
07	106192860	12/8/03 0:00	MFG	100	100.1	100.1
07	106192861	12/8/03 0:00	MFG	99.9	100	100.1
07	106192862	12/8/03 0:00	MFG	99.8	100.2	99.6
07	106192863	12/8/03 0:00	MFG	100	100	100.3
07	106192864	12/8/03 0:00	MFG	100	100.3	99.7
07	106192865	12/8/03 0:00	MFG	100.2	100.3	100.2
07	106192866	12/8/03 0:00	MFG	99.7	99.9	99.6
07	106192867	12/8/03 0:00	MFG	100	100.4	100
07	106192868	12/8/03 0:00	MFG	100	100.3	99.9
07	106192869	12/8/03 0:00	MFG	100.2	100.3	100
07	106192870	12/8/03 0:00	MFG	100.1	100	100.3
07	106192871	12/8/03 0:00	MFG	99.8	100.2	100
07	106192872	12/8/03 0:00	MFG	100.1	100	99.9
07	106192873	12/8/03 0:00	MFG	100.1	100.1	100
07	106192874	12/8/03 0:00	MFG	100.3	99.9	100.2
07	106192875	12/8/03 0:00	MFG	99.9	100.1	99.6
07	106192876	12/8/03 0:00	MFG	99.9	100.1	99.7
07	106192877	12/8/03 0:00	MFG	100.2	100.2	100.1
07	106192878	12/8/03 0:00	MFG	99.9	100	99.7
07	106192879	12/8/03 0:00	MFG	100	100.3	99.8
07	106192880	12/8/03 0:00	MFG	100.1	100.2	99.9
07	106192881	12/8/03 0:00	MFG	100.1	100.1	100
07	106192882	12/8/03 0:00	MFG	100	100.1	100.2
07	106192883	12/8/03 0:00	MFG	100	100.1	100
07	106192884	12/8/03 0:00	MFG	100	100.4	100.2
07	106192885	12/8/03 0:00	MFG	100	100.1	99.7
07	106192886	12/8/03 0:00	MFG	99.8	100.2	99.7

07	106192887	12/8/03 0:00	MFG	99.9	100.2	100
07	106192888	12/8/03 0:00	MFG	100	100.3	99.6
07	106192889	12/8/03 0:00	MFG	100.1	100.2	99.8
07	106192890	12/8/03 0:00	MFG	99.8	100.4	99.7
07	106192891	12/8/03 0:00	MFG	99.9	100	99.7
07	106192892	12/8/03 0:00	MFG	99.9	100.4	99.7
07	106192893	12/8/03 0:00	MFG	99.8	99.8	99.9
07	106192894	12/8/03 0:00	MFG	100.1	100.4	99.5
07	106192895	12/8/03 0:00	MFG	99.9	100.2	99.7
07	106192896	12/8/03 0:00	MFG	100	100.1	100
07	106192897	12/8/03 0:00	MFG	100.2	100.2	100.2
07	106192898	12/8/03 0:00	MFG	99.9	100	99.9
07	106192899	12/8/03 0:00	MFG	100	100.4	99.9
07	106192900	12/8/03 0:00	MFG	100.1	99.9	100.3
07	106192901	12/8/03 0:00	MFG	100.1	100.2	99.7
07	106192902	12/8/03 0:00	MFG	99.9	100.4	99.6
07	106192903	12/8/03 0:00	MFG	99.8	100.2	99.7
07	106192904	12/8/03 0:00	MFG	99.9	100.1	99.8
07	106192905	12/8/03 0:00	MFG	100.2	100.3	100
07	106192906	12/8/03 0:00	MFG	99.8	99.8	99.6
07	106192907	12/8/03 0:00	MFG	100	100.3	99.7
07	106192908	12/8/03 0:00	MFG	100.2	100	100.7
07	106192909	12/8/03 0:00	MFG	99.7	99.9	99.7
07	106192910	12/8/03 0:00	MFG	100	100.2	100.1
07	106192911	12/8/03 0:00	MFG	99.9	100.2	99.6
07	106192912	12/8/03 0:00	MFG	99.9	100.3	100.1
07	106192913	12/8/03 0:00	MFG	100.3	100.1	99.8
07	106192914	12/8/03 0:00	MFG	99.8	100	99.8
07	106192915	12/8/03 0:00	MFG	100	100.4	99.5
07	106192916	12/8/03 0:00	MFG	99.8	100.1	99.8
07	106192917	12/8/03 0:00	MFG	100.1	100	100
07	106192918	12/8/03 0:00	MFG	99.8	100	99.4
07	106192919	12/8/03 0:00	MFG	99.9	100	99.6
07	106192920	12/8/03 0:00	MFG	100	100.1	100.5
07	106192921	12/8/03 0:00	MFG	99.9	100	99.8
07	106192922	12/8/03 0:00	MFG	100.1	100.4	100.3
07	106192923	12/8/03 0:00	MFG	100	100.4	100
07	106192924	12/8/03 0:00	MFG	100.1	100.1	100.1
07	106192925	12/8/03 0:00	MFG	99.8	100	99.6
07	106192926	12/8/03 0:00	MFG	99.9	100.3	100
07	106192927	12/8/03 0:00	MFG	100	100.1	100.4
07	106192928	12/8/03 0:00	MFG	99.9	100.2	99.7
07	106192929	12/8/03 0:00	MFG	99.9	100	99.9
07	106192930	12/8/03 0:00	MFG	100.2	99.9	100.1
07	106192931	12/8/03 0:00	MFG	99.8	100.2	99.9
07	106192932	12/8/03 0:00	MFG	100	100.2	99.8
07	106192933	12/8/03 0:00	MFG	100.1	100.2	100.1
07	106192934	12/8/03 0:00	MFG	100	100.3	100.3
07	106192935	12/8/03 0:00	MFG	100.2	100	100
07	106192936	12/8/03 0:00	MFG	100.1	100.3	100.1
07	106192937	12/8/03 0:00	MFG	100	100.3	100
07	106192938	12/8/03 0:00	MFG	99.8	100	99.4
07	106192939	12/8/03 0:00	MFG	100	100.1	100
07	106192940	12/8/03 0:00	MFG	100	99.8	99.5
07	106192941	12/8/03 0:00	MFG	99.8	100.4	100
07	106192942	12/8/03 0:00	MFG	99.7	99.8	99.7
07	106192943	12/8/03 0:00	MFG	100	100.2	100.2
07	106192944	12/8/03 0:00	MFG	100	100	100.1
07	106192945	12/8/03 0:00	MFG	100.2	100.3	100.3
07	106192946	12/8/03 0:00	MFG	99.8	100	100.1
07	106192947	12/8/03 0:00	MFG	100.1	100.1	100
07	106192948	12/8/03 0:00	MFG	100	100.2	99.4
07	106192949	12/8/03 0:00	MFG	100.1	100.2	100
07	106192950	12/8/03 0:00	MFG	100	100.2	99.6
07	106193797	12/30/03 0:00	MFG	99.9	100.4	100.1
<b>Total New Meters Tested by the Manufacturer during 2003:</b>				<b>3,720</b>		

American Electric Power  
101A Enterprise Drive  
P O Box 5190  
Frankfort, KY 40602-5190  
www.aep.com



February 17, 2004

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PUBLIC SERVICE  
COMMISSION

Thomas M. Dorman  
Executive Director  
Public Service Commission of Kentucky  
Attn: Robert Amato  
211 Sower Boulevard  
P. O. Box 615  
Frankfort, KY 40602-0615

Re: Case No. 99-441

Dear Mr. Dorman:

Pursuant to the October 25, 2000 Revised Amended Sample Meter Pilot Testing Plan, Appendix A, Section I (4), enclosed for filing is the Company's certified test results of all new meters received.

Also, pursuant to Appendix A, Section II (D)(3)(b) of the Plan, enclosed for filing is the Statistical Sampling Plan for Kentucky Power Company's 2003 Sample Test Results. As you can see by the enclosed test results, the Company had a group of meters that failed (Group K3D42). In accordance with the meter pilot plan, the Company is proposing an alternative test plan for year 2004 which will include and address the failed group.

Kentucky Power's Westinghouse D4S meters which are in Group K3D42 is made up of 4,131 meters. This group's population is made up of 2,271 meters with a serial number in the range of 68,000,000 to 68,999,999 and 1,860 meters which have a different serial number range. The 2,270 meters were purchased in 1982. In reviewing the meter test results of Kentucky Power Company as well as the meter test results of the other AEP east Companies, it was easily determined that meters with the serial number range of 68,000,000 to 68,999,999 were the reason Group K3D42 failed.

*AEP: America's Energy Partner®*

Kentucky Power sampled tested 75 Westinghouse D4S meters in 2003 in Group K3D42. There were about 39 meters with a serial number range of 68,000,000 to 68,999,999 and about 36 meters that had another serial number range. The Westinghouse D4S meters with the serial number other than the 68,000,000 to 68,999,999 passed with an average accuracy (Bar X) and standard deviation (Sigma) of 99.66% and 0.968 respectively. The Westinghouse D4S meters with the serial number of 68,000,000 to 68,999,999 in Group K3D42 failed with an average accuracy (Bar X) and standard deviation (Sigma) of 99.47 % and 1.250 respectively. All failed meters registered slow.

To further support the Company's conclusion that the reason Group K3D42 failed is because of the high failure rate of Westinghouse D4S meters with a serial number range between 68,000,000 to 68,999,999, the Company performed the following analysis. On the AEP east there was a total population of Westinghouse D4S meters of 111,643. During 2003 there were 599 Westinghouse D4S meters sampled tested on the AEP east. Their average accuracy (Bar X) and standard deviation (Sigma) were 99.96% and 0.482 respectively. This group passed. If the group is further reduced to exclude the Westinghouse D4S meters with the serial number range of 68,000,000 to 68,999,999, which consists of 497 meters, this group also passed with an average accuracy (Bar X) and standard deviation (Sigma) were 100.01% and 0.384 respectively. When testing the 102 Westinghouse D4S meters with the serial number range of 68,000,000 to 68,999,999, this group failed with an average accuracy (Bar X) and standard deviation (Sigma) of 99.53% and 1.506 respectively.

The Company is proposing to split Kentucky Power's Group K3D42 meters into two groups. Group A would be made up of 2,270 meters with the serial number range of 68,000,000 to 68,999,999 and group B would be the remaining 1,861 meters which have a serial number range other than 68,000,000 to 68,999,999. With respect to Group A, the Company is proposing to pull all 2,270 meters as a maintenance draw and have all of these meters removed or tested within an 18 month period. With respect to Group B, the Company would propose to sample test the 1,861 meters in 2004.

The reason for the Company's proposal is twofold. First and foremost, after the meter test results of Kentucky Power Company were compared with other AEP east Companies' meter test results, we concluded that meters in Group K3D42 with the serial number range of 68,000,000 to 68,999,999 are the reason this entire group failed. The second reason is the Company's ability to remove and test the entire 4,131 meters in Group K3D42 along with the Company's normal annual Statistical Sample Plan. During 2003, the Company pulled and tested approximately 140 meters per month on average ( 1675/12). To pull and test the entire group K3D42 in an 18 month period would increase the average monthly meters pulled and tested by approximately 230 (4,131/18) meters. This would

Mr. Thomas M. Dorman

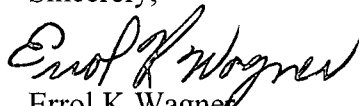
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increase the monthly number of meters pulled and tested by 160% ( (140 + 230)/140 ). The Company's proposal will increase the monthly number of meters pulled and tested by 126 (2,270/18) meters or 90 % ((140 + 126)/140) which we believe is a goal that can be accomplished without placing an additional burden on the Company and its ratepayers.

After you or your staff has had a chance to review the enclosed information we would like to establish an informal conference to discuss the Company's proposal. I can be reached at 502-696-7010.

Sincerely,



Errol K Wagner  
Director of Regulatory Services

Attachments

Sample Test Report

AEP / Kentucky Power Company  
2003 Sample Test Results  
Kentucky

Based on: ANSI Z1.9 - 1993, Upper Limit - 102%, Lower Limit - 98%, AQL - 2.5, Table B3

Group Name	Meter Types	# of Meters in Service at time of the sample selection	# of meters sample tested	Average Accuracy (Bar X)	Standard Deviation (Sigma)	Pass or Fail
K3D41	D4S	9,053	75	99.98	0.353	Passed
K3D42	D4S	4,308	75	99.66	0.968	Failed
K3D51	D5S	3,458	75	100.01	0.271	Passed
K3GE1	I50S, I55A, I55S & I60S	3,990	75	99.92	0.289	Passed
K3I70	I70S	4,224	75	99.87	0.253	Passed
K3I71	I70S	5,267	75	99.98	0.261	Passed
K3I72	I70S	9,398	75	99.97	0.187	Passed
K3I73	I70S	9,487	75	100.03	0.201	Passed
K3I74	I70S	9,406	75	100.01	0.251	Passed
K3I75	I70S	9,417	75	100.08	0.185	Passed
K3I76	I70S	9,431	75	100.03	0.270	Passed
K3I77	I70S	9,416	75	99.99	0.203	Passed
K3I78	I70S	5,877	75	99.90	0.255	Passed
K3I79	I70S	9,737	75	99.90	0.259	Passed
K3J31	J3S	750	35	99.83	0.457	Passed
K3J41	J4S	9,440	75	99.86	0.358	Passed
K3J42	J4S & J4ES	5,887	75	99.91	0.275	Passed
K3J51	J5S	9,409	75	99.99	0.257	Passed
K3J52	J5S & J5SD	4,392	75	99.78	0.326	Passed
K3MQ1	MQS	216	15	100.27	0.300	Passed
K3MS1	MS & MSK	9,503	75	100.00	0.278	Passed
K3MS2	MS & MSK	9,530	75	99.96	0.277	Passed
K3MS3	MS, MSK & SSM6A	9,377	75	99.93	0.286	Passed
K3MS4	MS, MS2K & DDMS2K	1,794	50	100.01	0.163	Passed

Comments:

Meters removed in 2003 of Failed Groups:

Group Name	Meter Types	Years of Group Failure	Meters In service as of 12/31/2003	Removed or Tested in 2003	Plans for present year
K3D42	D4S	2003	4,131	-	2,271

Comments: As allowed, AEP has submitted a request, to the Commission, for a deviation.

Prepared By: Gary Tredeau / 02-05-04



DEVC_CD	MFR_CD	MFR_DEVC_SER_NBR	RCVD_DATE	TEST_DATE	SRS_ACC_AL_FL	SRS_ACC_AL_LAG	SRS_ACC_AL_LL
SNNA8	4	223586223	20030224	20030213	100	99.99	99.97
SNNA8	4	223586224	20030224	20030213	99.99	100.01	99.97
SNNA8	4	223586225	20030224	20030213	100	100.01	99.93
SNNA8	4	223586226	20030224	20030213	100	100.02	99.96
SNNA8	4	223586227	20030224	20030213	100.02	100	99.99
SNNA8	4	223586228	20030224	20030213	99.99	100.04	99.96
SNNA8	4	223586229	20030224	20030213	99.99	100.01	99.95
SNNA8	4	223586230	20030224	20030213	100	100.01	99.98
SNNA8	4	223586231	20030224	20030213	100	100.01	99.95
SNNA8	4	223586232	20030224	20030213	100.01	99.99	99.96
SNNA8	4	223586233	20030224	20030213	100	100.01	99.97
SNNA8	4	223586234	20030224	20030213	99.99	100.02	99.96
SNNA8	4	223586258	20030224	20030213	99.99	100.01	99.96
SNNA8	4	223603904	20030307	20030228	100.01	100	99.96
SNNA8	4	223603905	20030307	20030228	99.99	100.01	99.98
SNNA8	4	223603906	20030307	20030228	100.01	100.01	99.96
SNNA8	4	223603907	20030307	20030228	100	100.02	99.96
SNNA8	4	223603908	20030307	20030228	100	100.02	99.99
SNNA8	4	223603909	20030307	20030228	99.99	100.01	99.96
SNNA8	4	223603910	20030307	20030228	100	100	99.97
SNNA8	4	223603911	20030307	20030228	100	100.03	99.94
SNNA8	4	223603912	20030307	20030228	100	100	99.94
SNNA8	4	223603913	20030307	20030228	99.97	100	99.96
SNNA8	4	223603914	20030307	20030228	100	100.01	99.97
SNNA8	4	223603915	20030307	20030228	100.02	100.03	99.98
SNNA8	4	223603916	20030307	20030228	99.99	100.02	99.95
SNNA8	4	223603917	20030307	20030228	100	100	99.95
SNNA8	4	223603918	20030307	20030228	100	100.02	99.95
SNNA8	4	223603919	20030307	20030228	100.01	100.02	99.96
SNNA8	4	223603920	20030307	20030228	100.01	99.98	99.96
SNNA8	4	223603921	20030307	20030228	100	100	99.95
SNNA8	4	223603922	20030307	20030228	100	100.02	99.97
SNNA8	4	223603923	20030307	20030228	100	100.01	99.95
SNNA8	4	223603924	20030307	20030228	100.01	100.02	99.96
SNNA8	4	223603925	20030307	20030228	99.99	99.99	100
SNNA8	4	223603926	20030307	20030228	99.98	100.02	99.94
SNNA8	4	223603927	20030307	20030228	100.01	100	99.96
SNNA8	4	223603976	20030307	20030301	99.99	99.98	99.97
SNNA8	4	223603977	20030307	20030301	100.01	100.05	99.96
SNNA8	4	223603978	20030307	20030301	99.99	99.98	99.95
SNNA8	4	223603979	20030307	20030301	99.99	100	99.97
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SNNA8	4	223603981	20030307	20030303	99.99	99.97	99.96
SNNA8	4	223603982	20030307	20030303	99.99	100.01	99.94
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SNNA8	4	223603984	20030307	20030303	100.01	99.98	99.95
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SNNA8	4	223603986	20030307	20030303	100.01	100	99.98
SNNA8	4	223603987	20030307	20030303	99.98	99.99	99.95
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SNNA8	4	223603994	20030307	20030303	100.01	100	99.95
SNNA8	4	223603995	20030307	20030303	100	100.02	99.98
SNNA8	4	223603996	20030307	20030303	100	100	99.95
SNNA8	4	223603997	20030307	20030303	99.99	99.99	99.95
SNNA8	4	223603998	20030307	20030303	99.99	100	99.96
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SNNA8	4	223625698	20030331	20030324	100	100	99.98
SNNA8	4	223625699	20030331	20030324	99.99	100.02	99.95
SJTA8	4	223625716	20030331	20030324	100.02	99.99	99.99
SNNA8	4	223625717	20030331	20030324	99.99	99.99	99.99
SNNA8	4	223625718	20030331	20030324	100	100	99.96
SNNA8	4	223625719	20030331	20030324	100	99.98	99.94
SNNA8	4	223625736	20030410	20030324	99.99	99.98	99.96
SNNA8	4	223625737	20030410	20030324	100	99.99	99.96
SNNA8	4	223625738	20030410	20030324	99.99	99.97	99.95
SNNA8	4	223625739	20030410	20030324	100.02	100.02	99.98
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SNNA8	4	223625752	20030410	20030324	100	99.97	99.98
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SNNA8	4	223625849	20030331	20030326	100.01	99.99	100
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SNNA8	4	223625899	20030331	20030326	100	100.01	99.97
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SNNA8	4	223625904	20030331	20030326	100.01	100.04	100.01
SNNA8	4	223625905	20030331	20030326	100.01	100.02	99.98
SNNA8	4	223625906	20030331	20030326	100.01	100.04	99.95
SNNA8	4	223625907	20030331	20030326	100.01	100.01	99.99
SNNA8	4	223625908	20030331	20030326	100.01	100.01	99.92
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SNNA8	4	223625913	20030331	20030326	99.99	99.99	99.98
SNNA8	4	223625914	20030331	20030326	100.01	100	99.96
SNNA8	4	223625915	20030331	20030326	100	100.01	99.98
SNNA8	4	223634593	20031015	20030410	100	100.05	99.96
SNNA8	4	223634594	20031015	20030410	100	99.99	100
SNNA8	4	223634595	20031015	20030410	100	99.99	99.97
SNNA8	4	223634596	20031015	20030410	100.01	100	99.99
SNNA8	4	223634597	20031015	20030410	100	100.01	99.94
SNNA8	4	223634598	20031015	20030410	99.99	99.99	99.93
SNNA8	4	223634599	20031015	20030410	100	100.02	99.97
SNNA8	4	223634600	20031015	20030410	99.99	100.01	99.97
SNNA8	4	223634601	20031015	20030410	100	100.01	99.99
SNNA8	4	223634602	20031015	20030410	99.99	100.01	99.95
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SNNA8	4	223634604	20031015	20030410	100	99.99	99.97
SNNA8	4	223671189	20030701	20030610	100.01	99.99	99.98
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6	4	224530432	20030131	20030118	99.97	99.92	99.99
6	4	224530433	20030131	20030118	99.98	99.68	100.07
6	4	224530434	20030131	20030118	100.05	99.79	100.07
6	4	224530435	20030131	20030118	99.95	100.06	100.11
6	4	224530437	20030131	20030118	99.95	99.95	99.87
6	4	224530440	20030131	20030118	100.07	100.29	100.02
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6	4	224530445	20030131	20030118	100.14	99.88	100.09
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6	4	224530448	20030131	20030118	100.1	99.86	100.04
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6	4	224530459	20030131	20030118	99.92	99.73	99.93
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6	4	224530469	20030131	20030118	100.08	99.94	99.86
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6	4	224571361	20030128	20030120	100.08	99.89	100.13
6	4	224571362	20030128	20030120	99.98	99.56	99.93
6	4	224571363	20030128	20030120	99.92	100.14	100.11
6	4	224571364	20030128	20030120	100	100.58	100.04
6	4	224571365	20030128	20030120	99.98	99.52	100.06
6	4	224571366	20030128	20030120	100.08	99.43	100.13
6	4	224571367	20030128	20030120	100.08	100.18	100.13
6	4	224571368	20030128	20030120	99.93	100.25	99.86
6	4	224571369	20030128	20030120	100.06	100.18	99.99
6	4	224571370	20030128	20030120	100.01	99.39	99.89
6	4	224571371	20030128	20030120	100.02	100.64	99.97
6	4	224571372	20030128	20030120	99.91	99.68	99.92
6	4	224571373	20030128	20030120	100.13	100.47	100.04
6	4	224571374	20030128	20030120	100	100.49	100.02
6	4	224571375	20030128	20030120	100.02	99.7	100.07
6	4	224571376	20030128	20030120	100.04	100.22	99.97
6	4	224571377	20030128	20030120	99.96	99.77	99.94
6	4	224571378	20030128	20030120	100.04	100.69	100.12
6	4	224571379	20030128	20030120	99.95	99.89	99.88
6	4	224571380	20030128	20030120	99.9	100.3	100.11
6	4	224571381	20030128	20030120	99.94	99.62	99.91
6	4	224571382	20030128	20030120	100.04	100.61	100.11
6	4	224571383	20030128	20030120	100.09	100.04	100.06
6	4	224571384	20030128	20030120	100.04	100.12	100.13
6	4	224571385	20030128	20030120	100.05	100.21	99.97
6	4	224571386	20030128	20030120	100.1	100.15	99.93
6	4	224571387	20030128	20030120	100.05	99.65	99.88
6	4	224571388	20030128	20030120	99.93	100.01	100.14
6	4	224571389	20030128	20030120	99.98	100.44	99.87
6	4	224571390	20030128	20030120	99.98	99.89	99.97
6	4	224571391	20030128	20030120	99.87	100.1	99.86
6	4	224571392	20030128	20030120	99.92	99.87	99.87
6	4	224571393	20030128	20030120	100	99.6	99.87
6	4	224571394	20030128	20030120	100.03	100.37	100.08
6	4	224571395	20030128	20030120	99.9	99.47	100.03
6	4	224571396	20030128	20030120	99.89	100.25	100.03
6	4	224571397	20030128	20030120	100.03	100.38	100.07

6	4	224571398	20030128	20030120	100.14	100.09	100
6	4	224571399	20030128	20030120	99.97	99.92	99.9
6	4	224571400	20030128	20030120	99.91	99.79	99.91
6	4	224571401	20030128	20030120	100.05	99.89	100.01
6	4	224571402	20030128	20030120	100	100.16	99.99
6	4	224571403	20030128	20030120	100.01	100.18	100.05
6	4	224571404	20030128	20030120	100.11	100.49	99.97
6	4	224571405	20030128	20030120	100.05	100.36	99.9
6	4	224571406	20030128	20030120	99.9	100.22	100.04
6	4	224571407	20030128	20030120	100.04	99.69	100.08
6	4	224571408	20030128	20030120	100.1	99.67	99.87
6	4	224571409	20030128	20030120	100.09	100.07	99.98
6	4	224571410	20030128	20030120	99.92	99.68	100.02
6	4	224571411	20030128	20030120	100	100.1	99.87
6	4	224571412	20030128	20030120	100.03	100.41	99.99
6	4	224571413	20030128	20030120	99.89	99.65	100.07
6	4	224571414	20030128	20030120	100.06	100.62	99.94
6	4	224571415	20030128	20030120	100.14	100.24	100.05
6	4	224571416	20030128	20030120	100.1	100.64	100.14
6	4	224571417	20030128	20030120	100.01	99.96	100.03
6	4	224571418	20030128	20030120	100.05	100.19	100.08
6	4	224571419	20030128	20030120	100.14	100.13	99.99
6	4	224571421	20030128	20030120	100.05	100.17	100
6	4	224571422	20030128	20030120	100.11	100.2	100.08
6	4	224571423	20030128	20030120	100.01	100.08	99.99
6	4	224571424	20030128	20030120	100.04	99.72	100.02
6	4	224571425	20030128	20030120	100.11	100.41	99.99
6	4	224571426	20030128	20030120	100	100.44	99.96
6	4	224571427	20030128	20030120	100.02	99.49	100.06
6	4	224571428	20030128	20030120	100.04	100.32	99.89
6	4	224571429	20030128	20030120	99.98	100.09	99.96
6	4	224571430	20030128	20030120	100.11	99.93	100.07
6	4	224571431	20030128	20030120	100.06	99.6	99.99
6	4	224571432	20030128	20030120	99.99	100.58	100.04
6	4	224571433	20030128	20030120	100.13	100.6	100.13
6	4	224571434	20030128	20030120	99.98	100.52	100.08
6	4	224571435	20030128	20030120	99.96	100.17	99.97
6	4	224571436	20030128	20030120	100.04	100.12	99.98
6	4	224571437	20030128	20030120	100.01	100.3	99.98
6	4	224571438	20030128	20030120	100.01	99.67	99.88
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6	4	224571442	20030128	20030120	100.03	99.81	99.96
6	4	224571443	20030128	20030120	99.99	99.69	99.99
6	4	224571444	20030128	20030120	100.07	100.1	99.94
6	4	224571445	20030128	20030120	99.98	99.78	100.14
6	4	224571446	20030128	20030120	100.05	100.15	100.08
6	4	224571447	20030128	20030120	99.98	99.89	99.97
6	4	224571448	20030128	20030120	100.11	99.85	100.03
6	4	224571449	20030128	20030120	99.95	99.74	100.07
6	4	224571450	20030128	20030120	99.95	99.99	99.91
6	4	224571451	20030128	20030120	100.08	99.94	100.09
6	4	224571452	20030128	20030120	99.93	100.41	99.98
6	4	224571453	20030128	20030120	99.97	100.32	100.05
6	4	224571454	20030128	20030120	100.02	100.05	99.94
6	4	224571455	20030128	20030120	99.98	100.23	100.08
6	4	224571456	20030128	20030120	100.05	100.53	100.06
6	4	224571457	20030128	20030120	100.03	99.4	99.98
6	4	224571459	20030128	20030120	99.92	99.59	100.06
6	4	224571460	20030128	20030120	99.96	100.65	100.02
6	4	224571461	20030128	20030120	100.08	99.73	99.99
6	4	224571462	20030128	20030120	99.98	100.32	100.07
6	4	224571463	20030128	20030120	100.07	100.25	100.13
6	4	224571464	20030128	20030120	100.04	99.73	100.08
6	4	224571465	20030128	20030120	100.06	99.75	100.03

6	4	224571466	20030128	20030120	99.95	99.92	99.99
6	4	224571467	20030128	20030120	100.02	100.44	99.95
6	4	224571468	20030128	20030120	99.86	99.44	100.1
6	4	224571469	20030128	20030120	100.03	100.23	99.99
6	4	224571470	20030128	20030120	99.99	99.79	100.02
6	4	224571471	20030128	20030120	99.89	100.03	100.04
6	4	224571472	20030128	20030120	99.91	100.57	99.86
6	4	224571473	20030128	20030120	99.92	100.48	100.08
6	4	224571474	20030128	20030120	100.03	100.42	99.92
6	4	224571475	20030128	20030120	100.01	99.78	100.03
6	4	224571476	20030128	20030120	99.97	100.3	100.14
6	4	224571477	20030128	20030120	99.93	99.84	100.09
6	4	224571478	20030128	20030120	99.93	100.1	99.94
6	4	224571479	20030128	20030120	100.04	100.3	100.02
6	4	224571480	20030128	20030120	100.04	99.52	99.96
6	4	224571481	20030128	20030120	100.03	100.39	99.99
6	4	224571482	20030128	20030120	99.95	99.61	100.03
6	4	224571483	20030128	20030120	100.07	99.79	100.12
6	4	224571484	20030128	20030120	99.95	99.65	99.89
6	4	224571485	20030128	20030120	100.03	99.81	99.91
6	4	224571486	20030128	20030120	100.12	100.24	100
6	4	224571487	20030128	20030120	100.01	100.51	100.04
6	4	224571488	20030128	20030120	100.03	100.47	100.06
6	4	224571489	20030128	20030120	99.94	99.64	100.08
6	4	224571490	20030128	20030120	100.04	99.62	100.04
6	4	224571491	20030128	20030120	100.04	99.52	99.9
6	4	224571492	20030128	20030120	100.08	99.69	100
6	4	224571493	20030128	20030120	99.97	99.9	100.01
6	4	224571494	20030128	20030120	99.96	100.5	100.09
6	4	224571495	20030128	20030120	100	99.85	99.86
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6	4	224571500	20030128	20030120	100	99.84	100.06
6	4	224571501	20030128	20030120	99.95	100.22	99.96
6	4	224572000	20030128	20030120	99.99	99.72	99.95
6	4	224572407	20030128	20030120	100.05	100.19	100.02
8	4	224585396	20030311	20030219	99.92	100.56	100.08
8	4	224585397	20030311	20030219	99.97	100.07	99.91
8	4	224585399	20030311	20030219	99.88	100.6	99.91
6	4	224605326	20030204	20030123	99.97	100.66	100.03
6	4	224605327	20030204	20030123	100.01	100.04	100.11
6	4	224605328	20030204	20030123	99.96	100.21	100.09
6	4	224605329	20030204	20030123	100.12	100.3	100.05
6	4	224652846	20030227	20030217	99.89	99.73	99.94
6	4	224652847	20030227	20030217	99.97	100.18	99.88
6	4	224652848	20030227	20030217	99.99	100.21	100.08
6	4	224652849	20030227	20030217	100.03	99.94	99.94
6	4	224652851	20030227	20030217	100	100.11	99.9
6	4	224652853	20030227	20030217	100.07	100.1	100.09
6	4	224652854	20030227	20030217	100.02	100.05	100.01
6	4	224652855	20030227	20030217	99.95	100.05	100.02
6	4	224652856	20030227	20030217	100.04	99.8	99.86
6	4	224652857	20030227	20030217	99.89	99.84	100.05
6	4	224652858	20030227	20030217	100.14	100.35	100.01
6	4	224652859	20030227	20030217	100.11	99.88	99.92
6	4	224652860	20030227	20030217	99.88	100.44	99.92
6	4	224652861	20030227	20030217	100.13	99.82	99.99
6	4	224652862	20030227	20030217	100.06	100.44	100.09
6	4	224652863	20030227	20030217	100	99.76	100.05
6	4	224652864	20030227	20030217	99.94	99.67	99.95
6	4	224652865	20030227	20030217	100.08	99.83	99.94
6	4	224652866	20030227	20030217	100.08	100.09	99.97
6	4	224652867	20030227	20030217	100.07	100.2	100.13

6	4	224652868	20030227	20030217	100.14	100.04	100.14
6	4	224652869	20030227	20030217	100.12	100.34	100.03
6	4	224652870	20030227	20030217	100.04	100.25	100.01
6	4	224652871	20030227	20030217	100.03	99.82	100.08
6	4	224652872	20030227	20030217	99.99	99.71	99.95
6	4	224652873	20030227	20030217	100.1	99.67	100.07
6	4	224652874	20030227	20030217	100.03	100.08	100.06
6	4	224652875	20030227	20030217	99.93	100.05	99.87
6	4	224652876	20030227	20030217	100.02	100.09	100.01
6	4	224652877	20030227	20030217	99.99	100.37	100.1
6	4	224652878	20030227	20030217	99.98	100.05	100.09
6	4	224652879	20030227	20030217	100.04	99.89	100.12
6	4	224652880	20030227	20030217	100.01	99.89	100.04
6	4	224652881	20030227	20030217	100.01	100.16	100.12
6	4	224652882	20030227	20030217	100.01	100.26	100.12
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6	4	224652884	20030227	20030217	100.05	100.04	100.03
6	4	224652885	20030227	20030217	99.99	100.13	99.86
6	4	224652886	20030227	20030217	99.93	99.51	100
6	4	224652887	20030227	20030217	100.1	100.03	100.04
6	4	224652888	20030227	20030217	100.04	100.15	99.94
6	4	224652889	20030227	20030217	100	99.97	100.04
6	4	224652890	20030227	20030217	100.03	100.08	99.89
6	4	224652891	20030227	20030217	100.09	100.15	100.11
6	4	224652892	20030227	20030217	99.96	99.94	99.96
6	4	224652893	20030227	20030217	100.05	99.83	100.06
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6	4	224652895	20030227	20030217	100.12	100.13	100.1
6	4	224652896	20030227	20030217	99.93	100.16	99.93
6	4	224652897	20030227	20030217	99.9	99.73	99.97
6	4	224652898	20030227	20030217	100.14	100.08	99.99
6	4	224652899	20030227	20030217	99.95	99.76	100.06
6	4	224652900	20030227	20030217	100.11	99.83	99.99
6	4	224652901	20030227	20030217	100.02	99.97	100.06
6	4	224652906	20030227	20030217	100	100.17	99.99
6	4	224652907	20030227	20030217	100.06	100.13	99.94
6	4	224652908	20030227	20030217	99.89	100.05	100.14
6	4	224652909	20030227	20030217	99.89	99.87	100.01
6	4	224652911	20030227	20030217	100.12	99.97	99.97
6	4	224652912	20030227	20030217	100	100.17	99.99
6	4	224652913	20030227	20030217	100.01	99.72	100.14
6	4	224652914	20030227	20030217	100.01	99.86	100.06
6	4	224652915	20030227	20030217	100.11	99.87	100.02
6	4	224652916	20030227	20030217	100.04	100.25	100.09
6	4	224652917	20030227	20030217	100.07	100.06	99.98
6	4	224652918	20030227	20030217	100.03	100.09	100.11
6	4	224652919	20030227	20030217	99.97	99.95	99.93
6	4	224652920	20030227	20030217	100.02	99.54	99.97
6	4	224652921	20030227	20030217	100.07	99.92	100.03
6	4	224652922	20030227	20030217	100.03	100.23	99.88
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6	4	224652924	20030227	20030217	100.05	100.18	100.02
6	4	224652925	20030227	20030217	99.99	100.1	100.12
6	4	224652926	20030227	20030217	100.11	100.23	100.01
6	4	224652927	20030227	20030217	100.06	100.26	99.97
6	4	224652928	20030227	20030217	99.96	99.73	99.86
6	4	224652929	20030227	20030217	100	99.7	99.99
6	4	224652930	20030227	20030217	100.12	99.96	100.08
6	4	224652931	20030227	20030217	100.06	99.86	100.09
6	4	224652932	20030227	20030217	100.05	99.78	100.05
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6	4	224652934	20030227	20030217	100.05	100.06	99.98
6	4	224652935	20030227	20030217	99.98	99.82	99.88
6	4	224652936	20030227	20030217	100.05	99.86	100.08
6	4	224652937	20030227	20030217	100.09	100.13	100.01

6	4	224652938	20030227	20030217	99.96	99.55	99.97
6	4	224652939	20030227	20030217	100.08	100.07	99.98
6	4	224652941	20030227	20030217	100	100.03	100.04
6	4	224652942	20030227	20030217	99.92	99.97	99.87
6	4	224652943	20030227	20030217	99.96	100.06	99.88
6	4	224652944	20030227	20030217	100.02	100.18	99.94
6	4	224652945	20030227	20030217	99.97	99.83	99.87
6	4	224652946	20030227	20030217	100.04	100.12	100.07
6	4	224652947	20030227	20030217	100.12	100.06	100.13
6	4	224652948	20030227	20030217	100.03	100.17	100.07
6	4	224652949	20030227	20030217	99.98	99.88	100.07
6	4	224652950	20030227	20030217	100	100.03	100.12
6	4	224652951	20030227	20030217	99.98	99.83	100.05
6	4	224652952	20030227	20030217	100.06	100.28	100.09
6	4	224652953	20030227	20030217	100.07	100.08	100.03
6	4	224652954	20030227	20030217	100.1	99.92	99.97
6	4	224652955	20030227	20030217	99.99	99.94	100.02
6	4	224652956	20030227	20030217	100	99.72	99.98
6	4	224652957	20030227	20030217	100.05	99.96	99.87
6	4	224652958	20030227	20030217	99.99	99.48	99.92
6	4	224652959	20030227	20030217	100.06	99.48	100.01
6	4	224652960	20030227	20030217	100.05	99.88	100.05
6	4	224652961	20030227	20030217	99.97	100.14	99.98
6	4	224652962	20030227	20030217	100.02	99.61	99.93
6	4	224652963	20030227	20030217	100.1	100.11	100.04
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6	4	224652965	20030227	20030217	100.03	99.87	100.11
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6	4	224652967	20030227	20030217	100.13	100.05	100.1
6	4	224652968	20030227	20030217	100.09	100.21	99.9
6	4	224652969	20030227	20030217	100.05	100.08	100.11
6	4	224652970	20030227	20030217	100.03	100.47	99.96
6	4	224652971	20030227	20030217	99.94	99.85	100.1
6	4	224652972	20030227	20030217	100.01	99.99	99.98
6	4	224652973	20030227	20030217	100.12	100	100.11
6	4	224652974	20030227	20030217	99.96	99.95	100
6	4	224652975	20030227	20030217	100.06	99.79	100.08
6	4	224652976	20030227	20030217	100.13	100.17	99.89
6	4	224652977	20030227	20030217	99.99	100.03	100.03
6	4	224652978	20030227	20030217	100.09	99.37	99.95
6	4	224652979	20030227	20030217	100.05	99.8	100.02
6	4	224652980	20030227	20030217	100	99.81	99.88
6	4	224652981	20030227	20030217	100.05	100.2	100.07
6	4	224652982	20030227	20030217	99.95	100.19	100.07
6	4	224652983	20030227	20030217	100.05	100.1	100.12
6	4	224652984	20030227	20030217	99.9	99.96	100.09
6	4	224652985	20030227	20030217	99.92	99.82	99.97
6	4	224652986	20030227	20030217	99.95	100.31	100.08
6	4	224652987	20030227	20030217	100.12	100.23	100.12
6	4	224652988	20030227	20030217	99.88	99.73	99.97
6	4	224652989	20030227	20030217	99.93	100.13	100.01
6	4	224652990	20030227	20030217	99.99	100.14	99.96
6	4	224652991	20030227	20030217	100.11	100.07	100.07
6	4	224652993	20030227	20030217	99.93	99.8	100.14
6	4	224652994	20030227	20030217	100.14	99.94	100.06
6	4	224652995	20030227	20030217	100.05	100.45	100
6	4	224652996	20030227	20030217	100	99.93	99.89
6	4	224652997	20030227	20030217	100.04	99.8	100.02
6	4	224652998	20030227	20030217	100.11	100.28	100.13
6	4	224652999	20030227	20030217	100	100.26	100.03
6	4	224653000	20030227	20030217	99.99	99.76	100.02
6	4	224653001	20030227	20030217	100.08	100.14	99.98
6	4	224653002	20030227	20030217	100.06	99.95	99.97
6	4	224653003	20030227	20030217	100.13	100.3	100.05
6	4	224653004	20030227	20030217	100.11	100.03	99.97



6	4	224653005	20030227	20030217	100.05	100.01	100.12
6	4	224653006	20030227	20030217	99.97	99.8	99.92
6	4	224653007	20030227	20030217	100.01	100.04	100.01
6	4	224653008	20030227	20030217	99.97	100	99.97
6	4	224653009	20030227	20030217	100.1	100.66	100.11
6	4	224653010	20030227	20030217	100.07	100.22	100.11
6	4	224653011	20030227	20030217	100.09	99.54	99.96
6	4	224653012	20030227	20030217	100.01	99.83	99.9
6	4	224653013	20030227	20030217	100.01	100.22	99.98
6	4	224653014	20030227	20030217	100	100.07	99.93
6	4	224653015	20030227	20030217	100.09	100.23	100.11
6	4	224653016	20030227	20030217	99.92	99.77	99.99
6	4	224653017	20030227	20030217	100.05	100.25	100.14
6	4	224653018	20030227	20030217	100	99.83	100.09
6	4	224653019	20030227	20030217	99.89	99.96	100.06
6	4	224653020	20030227	20030217	100.14	99.99	100.03
6	4	224653021	20030227	20030217	100.03	99.72	99.87
6	4	224653022	20030227	20030217	100.04	99.81	100.12
6	4	224653023	20030227	20030217	100.04	99.83	100.04
6	4	224653024	20030227	20030217	100.08	100.26	99.87
6	4	224653025	20030227	20030217	99.93	99.72	99.89
6	4	224653026	20030227	20030217	100.12	100.37	100.08
6	4	224653027	20030227	20030217	99.94	100.18	100.1
6	4	224653028	20030227	20030217	99.95	99.56	99.89
6	4	224653029	20030227	20030217	99.87	99.88	99.91
6	4	224653030	20030227	20030217	100.01	99.85	99.92
6	4	224653031	20030227	20030217	99.94	99.92	100.06
6	4	224653032	20030227	20030217	100.13	100.18	100.05
6	4	224653033	20030227	20030217	99.93	100	99.99
6	4	224653034	20030227	20030217	100.02	100.06	100.01
6	4	224653035	20030227	20030217	100	99.91	99.99
6	4	224653036	20030227	20030217	100.09	99.96	100.03
6	4	224653037	20030227	20030217	100.14	99.88	100.04
6	4	224653038	20030227	20030217	99.93	100.12	99.98
6	4	224653039	20030227	20030217	100.03	100.36	100.06
6	4	224653040	20030227	20030217	100.06	100.5	99.98
6	4	224653041	20030227	20030217	100.01	99.95	99.97
6	4	224653042	20030227	20030217	99.95	99.81	100.08
6	4	224653043	20030227	20030217	100.08	99.94	100.07
6	4	224653044	20030227	20030217	100.03	99.63	99.95
6	4	224653045	20030227	20030217	100.04	100.14	99.98
6	4	224653046	20030227	20030217	100.01	99.72	99.9
6	4	224653047	20030227	20030217	100.04	99.93	99.9
6	4	224653048	20030227	20030217	100.09	99.82	100.06
6	4	224653049	20030227	20030217	100.03	99.81	99.87
6	4	224653050	20030227	20030217	99.97	100.2	100.12
6	4	224653051	20030227	20030217	100.04	100.6	100.09
6	4	224653052	20030227	20030217	100.04	100.13	100.14
6	4	224653053	20030227	20030217	99.98	100.41	100.14
6	4	224653054	20030227	20030217	99.96	99.91	100
6	4	224653055	20030227	20030217	100.01	99.97	99.99
6	4	224653056	20030227	20030217	100.1	100.06	100.04
6	4	224653057	20030227	20030217	99.99	99.88	99.92
6	4	224653058	20030227	20030217	100.01	99.81	99.98
6	4	224653059	20030227	20030217	99.91	100	99.92
6	4	224653060	20030227	20030217	99.98	99.97	100.07
6	4	224653061	20030227	20030217	100.05	99.71	100.01
6	4	224653062	20030227	20030217	100.04	100.11	100.05
6	4	224653063	20030227	20030217	100.01	100.21	100.1
6	4	224653064	20030227	20030217	100.06	100.1	100.04
6	4	224653065	20030227	20030217	100.02	100.14	100.02
6	4	224653067	20030227	20030217	100	100.07	99.92
6	4	224653068	20030227	20030217	99.95	100.07	99.92
6	4	224653069	20030227	20030217	100.05	99.98	99.99
6	4	224653070	20030227	20030217	100.02	100.16	100.13

6	4	224653071	20030227	20030217	100.07	99.98	100.11
6	4	224653072	20030227	20030217	100.08	99.88	99.93
6	4	224653073	20030227	20030217	99.91	100.15	99.96
6	4	224653074	20030227	20030217	100.07	100.31	99.92
6	4	224653075	20030227	20030217	99.98	99.81	100.1
6	4	224653076	20030227	20030217	100.05	99.9	100.05
6	4	224653077	20030227	20030217	100.1	100.19	100.1
6	4	224653078	20030227	20030217	100.02	99.98	100.04
6	4	224653079	20030227	20030217	99.9	99.8	99.95
6	4	224653080	20030227	20030217	100.13	100.08	100.06
6	4	224653081	20030227	20030217	99.98	100.11	99.89
6	4	224653082	20030227	20030217	100.13	100.23	100.11
6	4	224653083	20030227	20030217	100.06	99.96	99.89
6	4	224653084	20030227	20030217	99.96	100.33	99.88
6	4	224653085	20030227	20030217	100.03	100.17	99.97
6	4	224653086	20030227	20030217	99.93	99.79	100.01
6	4	224653087	20030227	20030217	100.03	100.1	100.06
6	4	224653088	20030227	20030217	100.03	99.87	99.89
6	4	224653089	20030227	20030217	99.98	99.8	99.96
6	4	224653090	20030227	20030217	99.92	100.15	99.93
6	4	224653091	20030227	20030217	99.93	99.98	99.92
6	4	224653092	20030227	20030217	100	99.98	99.9
6	4	224653093	20030227	20030217	100.04	100.09	100.03
6	4	224653094	20030227	20030217	100.12	100.01	100.01
6	4	224653095	20030227	20030217	99.92	99.82	99.99
6	4	224653096	20030227	20030217	100.06	100.31	99.93
6	4	224653097	20030227	20030217	100.04	100.17	100.11
6	4	224653098	20030227	20030217	100.02	100.23	100.08
6	4	224653099	20030227	20030217	99.93	99.83	99.95
6	4	224653100	20030227	20030217	100	100.14	99.87
6	4	224653101	20030227	20030217	100.02	99.81	100.13
6	4	224653102	20030227	20030217	99.96	100.02	99.89
6	4	224653103	20030227	20030217	99.92	100.12	99.96
6	4	224653104	20030227	20030217	99.91	99.77	100.13
6	4	224653105	20030227	20030217	100.07	99.65	100.1
6	4	224653106	20030227	20030217	100.08	100.22	100.08
6	4	224653108	20030227	20030217	100.06	99.92	100.01
6	4	224653109	20030227	20030217	100.02	100.17	100.02
6	4	224653110	20030227	20030217	99.98	99.73	100.09
6	4	224653111	20030227	20030217	100.06	100.37	100.07
6	4	224653112	20030227	20030217	100.04	99.93	99.86
6	4	224653114	20030227	20030217	100.07	99.81	100.06
6	4	224653115	20030227	20030217	100.03	100.25	99.9
6	4	224653116	20030227	20030217	100	99.85	99.93
6	4	224653117	20030227	20030217	99.97	100.17	100.04
6	4	224653118	20030227	20030217	100.07	99.79	100
6	4	224653119	20030227	20030217	100.06	100.16	100.13
6	4	224653120	20030227	20030217	100.08	100.31	100
6	4	224653121	20030227	20030217	100.06	100.04	100.1
6	4	224653122	20030227	20030217	100.01	99.98	99.92
6	4	224653123	20030227	20030217	100.04	100.02	100.02
6	4	224653124	20030227	20030217	99.95	99.73	100
6	4	224653125	20030227	20030217	99.98	100.28	99.95
6	4	224653126	20030227	20030217	100.04	99.78	100.08
6	4	224653127	20030227	20030217	100.07	100.31	99.93
6	4	224653128	20030227	20030217	100.1	100.27	100.09
6	4	224653129	20030227	20030217	100.04	99.85	100.05
6	4	224653130	20030227	20030217	100.06	99.66	99.97
6	4	224653131	20030227	20030217	100	99.9	100.09
6	4	224653132	20030227	20030217	99.96	99.8	99.94
6	4	224653133	20030227	20030217	100.07	99.84	99.95
6	4	224653134	20030227	20030217	99.98	100.03	100.05
6	4	224653135	20030227	20030217	100.05	100.04	100.1
6	4	224653136	20030227	20030217	100.06	100	100.01
6	4	224653137	20030227	20030217	100.08	100.07	100.09

6	4	224653138	20030227	20030217	100.1	99.89	100.08
6	4	224653139	20030227	20030217	100.14	100.35	100.12
6	4	224653140	20030227	20030217	100.1	100.5	99.97
6	4	224653141	20030227	20030217	100.01	100.13	100.02
6	4	224653142	20030227	20030217	100.04	99.94	99.89
6	4	224653144	20030227	20030217	99.95	99.59	99.99
6	4	224653145	20030227	20030217	100.04	100.01	100.06
6	4	224653146	20030227	20030217	100.02	99.96	100.07
6	4	224653147	20030227	20030217	100.07	100.27	100.07
6	4	224653148	20030227	20030217	99.97	100.27	100
6	4	224653149	20030227	20030217	100.05	100.01	100
6	4	224653150	20030227	20030217	99.97	99.86	100.1
6	4	224653151	20030227	20030217	100	99.95	99.95
6	4	224653152	20030227	20030217	99.94	99.92	99.86
6	4	224653153	20030227	20030217	100.04	100.1	100.13
6	4	224653154	20030227	20030217	99.98	99.9	99.88
6	4	224653155	20030227	20030217	100.05	100.01	100
6	4	224653156	20030227	20030217	100.14	100.24	99.9
6	4	224653157	20030227	20030217	99.98	99.91	100.07
6	4	224653158	20030227	20030217	100.13	99.99	100.14
6	4	224653159	20030227	20030217	100.01	100.25	100.08
6	4	224653160	20030227	20030217	99.95	99.87	100.07
6	4	224653161	20030227	20030217	99.96	99.94	99.92
6	4	224653162	20030227	20030217	100.07	100.02	100.12
6	4	224653163	20030227	20030217	100.13	99.99	100.14
6	4	224653164	20030227	20030217	100.07	99.47	99.99
6	4	224653165	20030227	20030217	100.07	100.08	100.02
6	4	224653166	20030227	20030217	99.99	99.97	100.05
6	4	224653167	20030227	20030217	100.06	100.02	100.03
6	4	224653168	20030227	20030217	100.01	99.83	99.87
6	4	224653169	20030227	20030217	100.07	99.95	99.99
6	4	224653170	20030227	20030217	100.08	100.22	100.05
6	4	224653171	20030227	20030217	100.09	100.14	100.13
6	4	224653172	20030227	20030217	99.94	99.63	99.94
6	4	224653173	20030227	20030217	99.94	99.89	100.04
6	4	224653174	20030227	20030217	100.03	100.2	100.13
6	4	224653176	20030227	20030217	99.92	99.78	99.95
6	4	224653177	20030227	20030217	100.01	99.99	99.96
6	4	224653178	20030227	20030217	100	99.94	100.12
6	4	224653179	20030227	20030217	100.04	99.89	100.14
6	4	224653180	20030227	20030217	99.96	100.16	99.9
6	4	224653181	20030227	20030217	99.93	99.87	99.86
6	4	224653182	20030227	20030217	100	100.03	99.9
6	4	224653183	20030227	20030217	100.01	100.08	99.98
6	4	224653184	20030227	20030217	100.03	99.52	100.09
6	4	224653185	20030227	20030217	100.04	100.28	100.07
6	4	224653186	20030227	20030217	99.98	99.82	100.14
6	4	224653187	20030227	20030217	100.05	100.24	100.04
6	4	224653188	20030227	20030217	100.01	100	99.86
6	4	224653189	20030227	20030217	100.01	100	99.98
6	4	224653190	20030227	20030217	100.07	100.09	99.87
6	4	224653191	20030227	20030217	99.98	99.57	99.95
6	4	224653192	20030227	20030217	100.08	100.19	100.13
6	4	224653193	20030227	20030217	99.97	99.89	100.01
6	4	224653194	20030227	20030217	99.92	100.13	99.94
6	4	224653195	20030227	20030217	99.94	100.14	99.9
6	4	224653196	20030227	20030217	100.02	99.9	100.03
6	4	224653197	20030227	20030217	99.98	100.34	100.01
6	4	224653198	20030227	20030217	100.02	100.19	99.86
6	4	224653199	20030227	20030217	100.11	100.03	100.09
6	4	224653200	20030227	20030217	100.01	99.92	100
6	4	224653201	20030227	20030217	100.06	100.17	100.03
6	4	224653202	20030227	20030217	100.08	100.03	100.03
6	4	224653203	20030227	20030217	100.05	99.95	100.14
6	4	224653204	20030227	20030217	100.02	100.11	99.97

6	4	224653205	20030227	20030217	99.9	100.2	99.98
6	4	224653206	20030227	20030217	99.96	99.99	99.88
6	4	224653207	20030227	20030217	100.11	100.08	100.05
6	4	224653208	20030227	20030217	99.91	99.58	99.9
6	4	224653209	20030227	20030217	100.1	99.95	99.93
6	4	224653210	20030227	20030217	100.02	99.91	100.06
6	4	224653211	20030227	20030217	100.07	100.02	100.08
6	4	224653212	20030227	20030217	100.02	100.11	100.06
6	4	224653213	20030227	20030217	99.86	99.75	99.88
6	4	224653214	20030227	20030217	100.02	100.26	100.03
6	4	224653215	20030227	20030217	100.12	100.52	99.94
6	4	224653216	20030227	20030217	100.14	100.53	100.13
6	4	224653217	20030227	20030217	100.12	100.53	100.12
6	4	224653218	20030227	20030217	99.97	99.87	100
6	4	224653219	20030227	20030217	100.08	100	100.07
6	4	224653220	20030227	20030217	100.01	99.95	100.03
6	4	224653221	20030227	20030217	100.02	100	100.02
6	4	224653222	20030227	20030217	100.02	100.08	99.99
6	4	224653223	20030227	20030217	100.07	100.18	99.88
6	4	224653224	20030227	20030217	99.99	99.73	100.13
6	4	224653225	20030227	20030217	100.07	99.8	99.93
6	4	224653226	20030227	20030217	100.14	100.39	100.12
6	4	224653227	20030227	20030217	99.95	100.04	99.96
6	4	224653228	20030227	20030217	99.96	99.93	100.01
6	4	224653229	20030227	20030217	100.03	99.79	99.97
6	4	224669825	20030304	20030217	100.12	100.15	99.99
6	4	224669828	20030304	20030217	100.07	99.96	100.07
6	4	224669829	20030304	20030217	99.97	100.18	100.05
6	4	224669830	20030304	20030217	99.97	100.19	99.97
6	4	224669831	20030304	20030217	99.94	100.07	99.91
6	4	224669836	20030304	20030217	100.05	99.83	99.87
6	4	224669837	20030304	20030217	100.07	99.93	100.08
6	4	224669838	20030304	20030217	100.13	99.93	100.14
6	4	224669839	20030304	20030217	100	99.77	99.88
6	4	224669840	20030304	20030217	100	100.23	100.05
6	4	224669841	20030304	20030217	100.13	100.37	100.11
6	4	224669843	20030304	20030217	99.98	99.98	100.13
6	4	224669844	20030304	20030217	100.08	100.05	100.13
6	4	224669845	20030304	20030217	100.06	100.15	99.98
6	4	224669847	20030304	20030217	100.07	100.15	100.14
6	4	224669848	20030304	20030217	99.94	100.04	100.08
6	4	224669849	20030304	20030217	100.01	99.97	99.9
6	4	224669850	20030304	20030217	99.99	100.19	99.94
6	4	224669851	20030304	20030217	100.06	99.94	100.14
6	4	224669853	20030304	20030217	99.98	100.03	100.04
6	4	224669855	20030304	20030217	99.93	100.08	100.1
6	4	224669857	20030304	20030217	99.96	99.7	100.01
6	4	224669858	20030304	20030217	99.87	99.91	99.95
6	4	224669859	20030304	20030217	100.13	100.19	100.14
6	4	224669861	20030304	20030217	99.92	99.89	99.94
6	4	224669863	20030304	20030217	99.97	100.19	99.97
6	4	224669864	20030304	20030217	99.88	99.61	100.14
6	4	224669865	20030304	20030217	99.87	99.77	99.96
6	4	224669866	20030304	20030217	99.95	99.89	100.03
6	4	224669867	20030304	20030217	100.04	99.8	99.98
6	4	224669868	20030304	20030217	100.04	99.87	99.93
6	4	224669869	20030304	20030217	99.95	100.07	100.09
6	4	224669870	20030304	20030217	99.91	99.82	99.97
6	4	224669871	20030304	20030217	99.99	100.1	99.96
6	4	224669872	20030304	20030217	100.01	100.25	99.9
6	4	224669875	20030304	20030217	99.97	99.72	99.94
6	4	224669876	20030304	20030217	99.98	99.96	99.99
6	4	224669877	20030304	20030217	100.02	100.22	99.87
6	4	224669878	20030304	20030217	99.96	99.92	100.06
6	4	224669879	20030304	20030217	100.04	100.1	99.9

6	4	224669880	20030304	20030217	99.93	99.86	99.98
6	4	224669881	20030304	20030217	99.86	100.09	100.12
6	4	224669883	20030304	20030217	100.05	100.05	100.13
6	4	224669891	20030304	20030217	99.95	99.93	100.08
6	4	224669892	20030304	20030217	100.02	99.96	100.08
6	4	224669893	20030304	20030217	100.01	100.12	100.03
6	4	224669894	20030304	20030217	100	99.83	99.98
6	4	224669895	20030304	20030217	100.01	100.06	100.08
6	4	224669898	20030304	20030217	100	99.63	100.09
6	4	224669904	20030304	20030217	100.03	100.12	100.01
6	4	224669905	20030304	20030217	99.98	100.68	100
6	4	224669916	20030304	20030217	100.12	100.32	99.97
6	4	224669917	20030304	20030217	100.05	100.34	100.06
6	4	224669918	20030304	20030217	99.94	100.05	100.12
6	4	224669919	20030304	20030217	99.94	100.19	99.93
6	4	224669920	20030304	20030217	100.05	100.4	100.07
6	4	224669921	20030304	20030217	99.89	100.1	99.98
6	4	224669922	20030304	20030217	99.87	100.2	99.96
6	4	224669923	20030304	20030217	100.02	99.9	99.88
6	4	224669924	20030304	20030217	100.04	100.23	100.07
6	4	224669925	20030304	20030217	100.13	100.01	99.94
6	4	224669926	20030304	20030217	99.88	99.88	99.96
6	4	224669927	20030304	20030217	99.88	100.12	100
6	4	224669928	20030304	20030217	100.06	100.01	99.99
6	4	224669929	20030304	20030217	99.99	99.71	99.88
6	4	224669930	20030304	20030217	99.95	100.26	99.87
6	4	224669931	20030304	20030217	100.04	100.03	99.97
6	4	224669932	20030304	20030217	99.97	100.25	100.11
6	4	224669933	20030304	20030217	99.93	100.62	99.91
6	4	224669934	20030304	20030217	99.97	100.37	100.09
6	4	224669935	20030304	20030217	99.9	99.98	99.96
6	4	224669936	20030304	20030217	100.02	99.73	100.06
6	4	224669937	20030304	20030217	99.93	99.9	100.03
6	4	224669938	20030304	20030217	99.97	99.87	100.03
6	4	224669939	20030304	20030217	99.96	100.1	99.99
6	4	224669940	20030304	20030217	99.94	100.11	100.03
6	4	224669941	20030304	20030217	99.96	99.9	99.95
6	4	224669942	20030304	20030217	100.04	99.62	100.02
6	4	224669943	20030304	20030217	100.02	100.22	100.14
6	4	224669944	20030304	20030217	99.97	100.11	99.92
6	4	224669945	20030304	20030217	99.97	100.07	100.12
6	4	224669946	20030304	20030217	99.97	99.89	100.04
6	4	224669947	20030304	20030217	100.07	100.04	100
6	4	224669948	20030304	20030217	100.1	100.03	99.87
6	4	224669949	20030304	20030217	99.95	99.96	99.87
6	4	224669950	20030304	20030217	99.97	99.88	99.98
6	4	224669951	20030304	20030217	99.98	100.52	99.91
6	4	224669952	20030304	20030217	100.07	100.32	99.93
6	4	224669953	20030304	20030217	100	99.98	100.01
6	4	224669954	20030304	20030217	99.96	100.28	99.92
6	4	224669955	20030304	20030217	100	100.21	99.99
6	4	224669956	20030304	20030217	99.89	100.15	99.99
6	4	224669957	20030304	20030217	100.06	99.95	100.08
6	4	224669958	20030304	20030217	100.03	99.65	99.86
6	4	224669959	20030304	20030217	99.95	100.13	100.04
6	4	224669960	20030304	20030217	100.01	100.34	100.09
6	4	224669961	20030304	20030217	100.03	100.28	100
6	4	224669962	20030304	20030217	100.02	100.1	100.01
6	4	224669963	20030304	20030217	100.02	100.25	99.89
6	4	224669964	20030304	20030217	99.99	99.71	99.92
6	4	224669965	20030304	20030217	100.03	100.01	100.14
6	4	224669966	20030304	20030217	99.97	100.2	100.14
6	4	224669967	20030304	20030217	99.92	100.06	99.95
6	4	224669968	20030304	20030217	100.01	99.96	100.03
6	4	224669969	20030304	20030217	100.03	100.17	100.13

6	4	224669970	20030304	20030217	100.02	99.79	99.94
6	4	224669971	20030304	20030217	100.03	100.19	99.99
6	4	224669972	20030304	20030217	100.04	100.07	99.89
6	4	224669973	20030304	20030217	100	100.15	99.95
6	4	224669974	20030304	20030217	99.96	99.46	99.95
6	4	224669975	20030304	20030217	99.89	99.67	100.05
6	4	224669976	20030304	20030217	100.09	100.69	99.97
6	4	224669977	20030304	20030217	100.04	99.9	100.08
6	4	224669978	20030304	20030217	100.05	100.32	99.98
6	4	224669979	20030304	20030217	99.95	100.06	99.98
6	4	224669980	20030304	20030217	100.01	99.99	99.97
6	4	224669981	20030304	20030217	100.13	100.15	100.09
6	4	224669982	20030304	20030217	100	100.09	100.05
6	4	224669983	20030304	20030217	99.96	100.01	99.96
6	4	224669984	20030304	20030217	100.03	100.03	100.01
6	4	224669985	20030304	20030217	100.08	100.07	100.12
6	4	224669986	20030304	20030217	100.09	99.89	100.02
6	4	224669987	20030304	20030217	99.92	100.04	100.11
6	4	224669988	20030304	20030217	99.98	99.86	99.98
6	4	224669989	20030304	20030217	99.97	100.12	99.91
6	4	224669990	20030304	20030217	100.02	99.9	100.12
6	4	224669991	20030304	20030217	100.03	100.46	100.07
6	4	224669992	20030304	20030217	100.07	100.48	100
6	4	224669993	20030304	20030217	99.95	99.72	100.11
6	4	224669994	20030304	20030217	99.96	99.93	100.12
6	4	224669995	20030304	20030217	99.98	100.12	99.97
6	4	224669996	20030304	20030217	99.92	99.82	99.97
6	4	224669997	20030304	20030217	100.09	99.72	100.1
6	4	224669998	20030304	20030217	100	100.24	99.91
6	4	224669999	20030304	20030217	99.86	99.99	100.09
6	4	224670000	20030304	20030217	99.95	100	99.95
6	4	224670001	20030304	20030217	100.11	100.09	100.13
6	4	224670002	20030304	20030217	100.03	100.36	99.98
6	4	224670003	20030304	20030217	99.87	99.81	99.9
6	4	224670004	20030304	20030217	99.87	100.01	100.07
6	4	224670005	20030304	20030217	99.95	99.72	100.05
6	4	224670006	20030304	20030217	99.95	100.09	99.99
6	4	224670007	20030304	20030217	99.97	100.28	99.98
6	4	224670008	20030304	20030217	99.94	99.37	100.03
6	4	224670009	20030304	20030217	99.96	100.05	100.03
6	4	224670010	20030304	20030217	99.97	99.99	100.01
6	4	224670011	20030304	20030217	99.97	99.96	99.9
6	4	224670012	20030304	20030217	100.04	99.94	99.92
6	4	224670013	20030304	20030217	100.05	99.67	100.03
6	4	224670014	20030304	20030217	100.02	100.08	100.04
6	4	224670015	20030304	20030217	99.9	99.97	99.98
6	4	224670592	20030304	20030218	100.11	99.67	100.13
6	4	224670593	20030304	20030218	100.09	100.65	99.95
6	4	224670594	20030304	20030218	99.96	100.02	99.86
6	4	224670595	20030304	20030218	100.13	100.19	100.02
6	4	224670596	20030304	20030218	100.05	100.12	99.93
6	4	224670597	20030304	20030218	100.06	99.91	100.06
6	4	224670598	20030304	20030218	100.05	100.18	100.01
6	4	224670599	20030304	20030218	100.05	100.1	100.09
6	4	224670600	20030304	20030218	99.93	99.93	99.98
6	4	224670601	20030304	20030218	100.05	100.13	100.14
6	4	224670602	20030304	20030218	100.04	100.04	99.92
6	4	224670603	20030304	20030218	99.99	99.78	99.87
6	4	224670604	20030304	20030218	100.03	100.13	99.97
6	4	224670605	20030304	20030218	100.11	100.07	99.93
6	4	224670606	20030304	20030218	99.94	99.64	100.1
6	4	224670607	20030304	20030218	99.98	100.23	99.96
6	4	224670608	20030304	20030218	100.04	100.25	100.12
6	4	224670609	20030304	20030218	100.05	100.23	99.9
6	4	224670610	20030304	20030218	99.97	100.13	99.93

6	4	224670611	20030304	20030218	99.92	99.65	100.03
6	4	224670612	20030304	20030218	99.94	100.06	100.01
6	4	224670613	20030304	20030218	100	99.99	99.92
6	4	224670614	20030304	20030218	100.07	100.19	100.01
6	4	224670615	20030304	20030218	100.02	99.91	100.14
6	4	224670616	20030304	20030218	100.05	99.85	100.07
6	4	224670617	20030304	20030218	99.96	99.7	99.95
6	4	224670618	20030304	20030218	99.87	100.26	100.11
6	4	224670619	20030304	20030218	100.06	99.58	99.9
6	4	224670620	20030304	20030218	100.03	100.63	100.06
6	4	224670621	20030304	20030218	99.99	100.09	100.01
6	4	224670622	20030304	20030218	99.96	99.97	99.89
6	4	224670623	20030304	20030218	100.12	100.25	99.92
6	4	224670624	20030304	20030218	100.11	99.95	99.95
6	4	224670625	20030304	20030218	99.97	99.92	99.96
6	4	224670626	20030304	20030218	99.94	100.02	100.11
6	4	224670627	20030304	20030218	99.9	99.97	99.97
6	4	224670628	20030304	20030218	99.94	99.97	99.9
6	4	224670629	20030304	20030218	100.12	99.94	99.97
6	4	224670630	20030304	20030218	100	100.14	100.08
6	4	224670631	20030304	20030218	100.09	100.03	99.98
6	4	224670632	20030304	20030218	99.98	100.12	99.93
6	4	224670633	20030304	20030218	100	100	100.14
6	4	224670634	20030304	20030218	100.01	100.19	100.11
6	4	224670635	20030304	20030218	99.96	100.1	100.02
6	4	224670636	20030304	20030218	99.99	100.55	99.92
6	4	224670637	20030304	20030218	100	100.13	100.02
6	4	224670638	20030304	20030218	99.88	99.81	99.96
6	4	224670639	20030304	20030218	99.98	100.03	99.94
6	4	224670640	20030304	20030218	99.95	99.94	100.09
6	4	224670641	20030304	20030218	100.08	100.08	99.99
6	4	224670642	20030304	20030218	99.94	100.44	100.05
6	4	224670643	20030304	20030218	99.97	99.9	99.89
6	4	224670644	20030304	20030218	99.98	100.12	99.89
6	4	224670645	20030304	20030218	100.06	100.05	99.88
6	4	224670646	20030304	20030218	99.86	100.31	100.01
6	4	224670647	20030304	20030218	100.03	99.93	99.91
6	4	224670648	20030304	20030218	100.07	100.41	99.88
6	4	224670649	20030304	20030218	99.99	99.81	99.9
6	4	224670650	20030304	20030218	100.05	100.1	99.96
6	4	224670651	20030304	20030218	99.96	100.2	100.01
6	4	224670652	20030304	20030218	99.94	100.08	99.86
6	4	224670653	20030304	20030218	100.02	99.71	100.05
6	4	224670654	20030304	20030218	99.89	99.95	99.89
6	4	224670655	20030304	20030218	100.04	100.25	99.94
6	4	224670656	20030304	20030218	100.09	100	100.14
6	4	224670657	20030304	20030218	100.05	99.77	100.01
6	4	224670658	20030304	20030218	99.98	100.04	99.86
6	4	224670659	20030304	20030218	100	100.49	99.93
6	4	224670660	20030304	20030218	99.98	100.12	99.95
6	4	224670661	20030304	20030218	100.09	99.96	100.14
6	4	224670662	20030304	20030218	99.87	100.07	100.09
6	4	224670663	20030304	20030218	99.93	100.31	99.97
6	4	224670664	20030304	20030218	100.05	100.1	99.96
6	4	224670665	20030304	20030218	100.06	100.03	100.1
6	4	224670666	20030304	20030218	100.05	100.28	99.88
6	4	224670667	20030304	20030218	100.1	100.03	99.93
6	4	224670668	20030304	20030218	99.97	99.84	100.09
6	4	224670669	20030304	20030218	99.91	99.48	99.87
6	4	224670670	20030304	20030218	100.06	100.47	99.95
6	4	224670671	20030304	20030218	99.93	99.88	99.97
6	4	224670672	20030304	20030218	99.95	100.01	100.05
6	4	224670673	20030304	20030218	100.02	99.68	100.07
6	4	224670674	20030304	20030218	100.05	99.97	100.12
6	4	224670675	20030304	20030218	99.9	100.37	100.12

6	4	224670676	20030304	20030218	99.98	99.87	99.91
6	4	224670677	20030304	20030218	100.1	100.11	100.09
6	4	224670678	20030304	20030218	99.99	100.32	99.89
6	4	224670679	20030304	20030218	99.9	100.08	99.88
6	4	224670680	20030304	20030218	100.01	100.4	99.91
6	4	224670681	20030304	20030218	99.98	100.18	99.87
6	4	224670682	20030304	20030218	99.95	99.55	99.88
6	4	224670683	20030304	20030218	100.01	100.09	99.99
6	4	224670684	20030304	20030218	99.94	99.93	100.1
6	4	224670685	20030304	20030218	99.98	99.79	99.94
6	4	224670686	20030304	20030218	100.06	100.01	100.07
6	4	224670687	20030304	20030218	99.95	100.19	99.9
6	4	224670976	20030304	20030218	100.05	99.75	100.07
6	4	224670977	20030304	20030218	99.9	99.99	99.89
6	4	224670978	20030304	20030218	100.05	99.44	100.05
6	4	224670979	20030304	20030218	100.12	100.07	100.08
6	4	224670981	20030304	20030218	99.98	100.18	100.06
6	4	224670982	20030304	20030218	99.94	100.09	99.99
6	4	224670983	20030304	20030218	100.08	100.08	100.01
6	4	224670984	20030304	20030218	99.98	99.69	99.93
6	4	224670985	20030304	20030218	100.04	100.02	100.09
6	4	224670986	20030304	20030218	99.99	100.39	100.14
6	4	224670987	20030304	20030218	99.96	100.26	100.11
6	4	224670988	20030304	20030218	100.09	100.07	99.92
6	4	224670989	20030304	20030218	99.97	99.64	99.97
6	4	224670990	20030304	20030218	99.95	99.9	100.11
6	4	224670991	20030304	20030218	99.92	100.18	100.03
6	4	224670992	20030304	20030218	99.99	100.05	100.08
6	4	224670993	20030304	20030218	100.03	100.33	99.92
6	4	224670994	20030304	20030218	99.98	99.92	99.89
6	4	224670995	20030304	20030218	100.03	100.21	99.97
6	4	224670996	20030304	20030218	100	99.82	99.93
6	4	224670997	20030304	20030218	99.9	100.02	100.12
6	4	224670998	20030304	20030218	100	100.29	100.07
6	4	224670999	20030304	20030218	100.07	100.4	100
6	4	224671000	20030304	20030218	100.08	100.11	100.08
6	4	224671001	20030304	20030218	100	99.62	99.92
6	4	224671002	20030304	20030218	100.05	100.06	100.1
6	4	224671003	20030304	20030218	100.03	99.58	100.14
6	4	224671004	20030304	20030218	100.02	99.86	100.05
6	4	224671005	20030304	20030218	99.93	99.65	100.05
6	4	224671006	20030304	20030218	100.04	100.01	100.01
6	4	224671007	20030304	20030218	99.91	99.91	100.03
6	4	224671008	20030304	20030218	99.98	99.82	99.99
6	4	224671009	20030304	20030218	99.99	100.34	100.12
6	4	224671010	20030304	20030218	99.95	99.84	99.88
6	4	224671011	20030304	20030218	100.01	100.16	100.02
6	4	224671012	20030304	20030218	100.12	99.66	100.09
6	4	224671013	20030304	20030218	99.88	99.62	100.06
6	4	224671014	20030304	20030218	99.93	99.8	99.86
6	4	224671015	20030304	20030218	99.96	99.37	99.93
6	4	224671016	20030304	20030218	100.08	99.76	99.93
6	4	224671017	20030304	20030218	100.05	100.39	99.99
6	4	224671018	20030304	20030218	99.9	99.93	99.92
6	4	224671019	20030304	20030218	100	99.83	99.93
6	4	224671020	20030304	20030218	100.14	100.34	100.07
6	4	224671021	20030304	20030218	100.05	99.64	100.09
6	4	224671022	20030304	20030218	100.11	99.47	99.88
6	4	224671023	20030304	20030218	100.09	99.34	100.02
6	4	224671024	20030304	20030218	100.02	99.82	99.86
6	4	224671025	20030304	20030218	99.94	100.44	99.89
6	4	224671026	20030304	20030218	99.96	99.96	99.95
6	4	224671027	20030304	20030218	99.94	100.58	99.97
6	4	224671028	20030304	20030218	99.97	99.74	100.05
6	4	224671029	20030304	20030218	100.14	100.01	100.13



6	4	224671030	20030304	20030218	100.11	100.22	100.12
6	4	224671031	20030304	20030218	100.03	100.34	99.89
6	4	224671032	20030304	20030218	100.02	100.5	99.95
6	4	224671033	20030304	20030218	100.06	100.3	100.12
6	4	224671034	20030304	20030218	99.94	100.07	100.1
6	4	224671035	20030304	20030218	100.01	100.27	99.92
6	4	224671036	20030304	20030218	100.02	99.5	99.99
6	4	224671037	20030304	20030218	100.11	100.19	99.88
6	4	224671039	20030304	20030218	100.05	100.06	100.01
6	4	224671040	20030304	20030218	100.08	100.56	100.07
6	4	224671041	20030304	20030218	100.11	100.39	100.08
6	4	224671042	20030304	20030218	99.96	100.64	99.88
6	4	224671043	20030304	20030218	100.08	100.17	100.03
6	4	224671044	20030304	20030218	100.06	99.89	100.04
6	4	224671045	20030304	20030218	99.98	100.18	100.01
6	4	224671046	20030304	20030218	99.98	99.94	99.86
6	4	224671047	20030304	20030218	100.02	99.83	100.07
6	4	224671048	20030304	20030218	100.03	99.37	100.06
6	4	224671049	20030304	20030218	99.92	99.62	99.9
6	4	224671050	20030304	20030218	99.96	100.19	99.95
6	4	224671051	20030304	20030218	99.96	100.18	99.94
6	4	224671052	20030304	20030218	99.97	100.55	99.94
6	4	224671053	20030304	20030218	99.97	99.77	99.96
6	4	224671054	20030304	20030218	99.87	99.82	100.01
6	4	224671055	20030304	20030218	99.93	100.22	100.1
6	4	224671056	20030304	20030218	99.96	99.75	99.93
6	4	224671057	20030304	20030218	99.99	100.29	100.02
6	4	224671058	20030304	20030218	100.12	100.18	100.12
6	4	224671059	20030304	20030218	99.95	99.83	100.14
6	4	224671060	20030304	20030218	99.91	99.91	100.05
6	4	224671061	20030304	20030218	99.99	99.89	99.89
6	4	224671062	20030304	20030218	100.04	100.13	99.95
6	4	224671063	20030304	20030218	100.08	99.82	99.95
6	4	224671064	20030304	20030218	99.95	100.06	99.89
6	4	224671065	20030304	20030218	100.05	100.08	100.1
6	4	224671066	20030304	20030218	99.91	100.05	100.04
6	4	224671067	20030304	20030218	100.03	100.6	99.91
6	4	224671068	20030304	20030218	99.94	99.65	100.08
6	4	224671069	20030304	20030218	100.08	99.86	99.92
6	4	224671070	20030304	20030218	99.96	99.99	100.1
6	4	224671071	20030304	20030218	99.99	99.78	99.98
6	4	224677001	20030210	20030126	100	99.71	100.14
6	4	224677002	20030210	20030126	100.14	99.76	100.02
6	4	224677003	20030210	20030126	100.03	99.61	100.06
6	4	224677004	20030210	20030126	100.03	99.81	100.12
6	4	224677009	20030210	20030126	100.04	99.69	99.87
6	4	224677010	20030210	20030126	99.98	99.43	99.93
6	4	224677011	20030210	20030126	100.08	99.7	99.89
6	4	224677012	20030210	20030126	99.98	99.72	99.94
6	4	224677019	20030210	20030126	99.99	100.08	99.93
6	4	224677020	20030210	20030126	100.01	99.39	100.05
6	4	224677021	20030210	20030126	99.93	99.58	100.05
6	4	224677022	20030210	20030126	100.06	99.87	100.04
6	4	224677023	20030210	20030126	99.93	99.35	99.99
6	4	224677024	20030210	20030126	100.02	99.8	99.91
6	4	224677025	20030210	20030126	99.98	99.62	99.93
6	4	224677026	20030210	20030126	100.01	99.7	99.91
6	4	224677027	20030210	20030126	99.89	99.65	100
6	4	224677030	20030210	20030126	100.05	99.88	99.93
6	4	224677031	20030210	20030126	99.96	99.65	100.03
6	4	224677032	20030210	20030126	99.97	99.58	100.08
6	4	224677034	20030210	20030126	100	99.91	99.93
6	4	224677035	20030210	20030126	99.94	99.46	99.87
6	4	224677036	20030210	20030126	100.03	99.64	100.11
6	4	224677039	20030210	20030126	100.07	99.51	99.91

6	4	224677040	20030210	20030126	100.07	99.35	99.91
6	4	224677041	20030210	20030126	100	99.7	100.04
6	4	224677042	20030210	20030126	100.03	99.72	100.06
6	4	224677043	20030210	20030126	99.88	99.35	99.97
6	4	224677044	20030210	20030126	99.97	99.98	99.87
6	4	224677046	20030210	20030126	100.12	99.8	100.07
6	4	224677049	20030210	20030126	100.01	99.83	100.02
6	4	224677053	20030210	20030126	99.97	99.67	99.86
6	4	224677057	20030210	20030126	100.02	99.34	100.06
6	4	224677058	20030210	20030126	100.07	99.79	100.04
6	4	224677059	20030210	20030126	100.12	99.68	100.07
6	4	224677060	20030210	20030126	99.91	99.76	100.1
6	4	224677066	20030210	20030126	99.92	99.5	99.9
6	4	224677069	20030210	20030126	100.1	99.77	99.87
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6	4	224677072	20030210	20030126	99.96	99.76	100.07
6	4	224677073	20030210	20030126	99.98	100.34	100.03
6	4	224677074	20030210	20030126	99.98	99.55	100.05
6	4	224677075	20030210	20030126	100.02	99.85	100.02
6	4	224677076	20030210	20030126	100.11	99.84	99.98
6	4	224677078	20030210	20030126	99.92	99.55	100.1
6	4	224677079	20030210	20030126	99.94	99.74	100.09
6	4	224677083	20030210	20030126	100.12	99.75	100.01
6	4	224677084	20030210	20030126	99.92	99.72	99.9
6	4	224677088	20030210	20030126	100.13	99.89	100.08
6	4	224677089	20030210	20030126	100	99.32	100.13
6	4	224677090	20030210	20030126	100.03	99.9	100.11
6	4	224677091	20030210	20030126	99.96	99.8	99.96
6	4	224677092	20030210	20030126	100.04	99.86	100.07
6	4	224677093	20030210	20030126	100.05	99.95	100.08
6	4	224677095	20030210	20030126	100.08	99.8	99.97
6	4	224677112	20030210	20030126	100	99.76	99.98
6	4	224677289	20030210	20030129	100.06	99.98	100.01
6	4	224677292	20030210	20030129	100.05	100.22	100.12
6	4	224677293	20030210	20030129	100.03	99.73	100.01
6	4	224677294	20030210	20030129	100.03	100.38	100.09
6	4	224677295	20030210	20030129	100.02	100.17	100.1
6	4	224677298	20030210	20030129	100.02	100.02	100.05
6	4	224677299	20030210	20030129	100.05	100.02	100.12
6	4	224677303	20030210	20030129	100	100.5	100.05
6	4	224677304	20030210	20030129	100.04	100.53	99.94
6	4	224677305	20030210	20030129	99.97	99.86	100.05
6	4	224677306	20030210	20030129	100.01	100.36	99.86
6	4	224677312	20030210	20030129	100.04	100	100.07
6	4	224677313	20030210	20030129	100.11	100.13	100.1
6	4	224677314	20030210	20030129	99.97	100.1	100.07
6	4	224677315	20030210	20030129	99.96	100.44	100.13
6	4	224677316	20030210	20030129	99.89	100.09	100.04
6	4	224677317	20030210	20030129	100.01	100.26	100.11
6	4	224677319	20030210	20030129	99.98	100.07	100.05
6	4	224677321	20030210	20030129	100.03	100.22	99.87
6	4	224677322	20030210	20030129	100.12	100.42	99.87
6	4	224677331	20030210	20030129	100.1	100.35	99.94
6	4	224677332	20030210	20030129	100.01	100.17	99.91
6	4	224677333	20030210	20030129	100.05	99.98	100.14
6	4	224677335	20030210	20030129	100.02	100.39	100.01
6	4	224677336	20030210	20030129	99.99	99.94	100.06
6	4	224677337	20030210	20030129	99.89	99.97	100.03
6	4	224677339	20030210	20030129	99.99	100.26	100.04
6	4	224677340	20030210	20030129	99.95	99.56	99.96
6	4	224677342	20030210	20030129	100.11	100.21	100.13
6	4	224677343	20030210	20030129	99.97	100.36	100.03
6	4	224677346	20030210	20030129	99.98	99.98	99.94
6	4	224677349	20030210	20030129	100.03	100.11	100.07
6	4	224677354	20030210	20030129	100.02	100.21	100.11

6	4	224677355	20030210	20030129	99.97	100.23	99.98
6	4	224677356	20030210	20030129	100.09	99.67	100.04
6	4	224677362	20030210	20030129	100.1	100.5	100
6	4	224677365	20030210	20030129	100.03	99.64	99.98
6	4	224677366	20030210	20030129	99.97	99.95	100.08
6	4	224677367	20030210	20030129	99.98	99.85	100.12
6	4	224677369	20030210	20030129	99.97	100.09	99.89
6	4	224677370	20030210	20030129	100.08	100.39	100.04
6	4	224677371	20030210	20030129	99.99	100.1	99.88
6	4	224677372	20030210	20030129	100.03	99.89	99.91
6	4	224677373	20030210	20030129	99.94	99.79	100.12
6	4	224677375	20030210	20030129	99.88	99.66	99.88
6	4	224677377	20030210	20030129	100.02	100.32	99.95
6	4	224677378	20030210	20030129	100.04	100.29	100.1
6	4	224677380	20030210	20030129	99.99	100.02	99.92
6	4	224677382	20030210	20030129	100.02	100.27	100.09
6	4	224677383	20030210	20030129	100.08	100.21	100.13
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6	4	224677385	20030210	20030129	99.96	100.23	100.07
6	4	224677386	20030210	20030129	100.01	100.2	100
6	4	224677387	20030210	20030129	100	99.5	100.06
6	4	224677388	20030210	20030129	100.06	100.26	100.09
6	4	224677391	20030210	20030129	100.01	100.35	100
6	4	224677392	20030210	20030129	100.02	100.13	99.91
6	4	224677393	20030210	20030129	100.12	100	100.02
6	4	224677394	20030210	20030129	99.97	100.04	100.02
6	4	224677395	20030210	20030129	100.04	99.92	99.96
6	4	224677396	20030210	20030129	100.1	100.06	100.07
6	4	224677397	20030210	20030129	100.05	99.78	100.03
6	4	224677398	20030210	20030129	100.06	99.42	99.91
6	4	224677402	20030210	20030129	99.9	100.31	100.14
6	4	224677405	20030210	20030129	100	99.94	100.09
6	4	224677407	20030210	20030129	100.02	100.2	100.12
6	4	224677421	20030210	20030129	100.02	100.25	99.95
6	4	224677422	20030210	20030129	99.93	99.95	99.9
6	4	224677423	20030210	20030129	99.97	99.97	100.05
6	4	224677424	20030210	20030129	99.97	99.87	99.96
6	4	224677425	20030210	20030129	100	99.89	99.89
6	4	224677426	20030210	20030129	99.98	100.3	99.9
6	4	224677429	20030210	20030129	99.95	100.18	99.96
6	4	224677430	20030210	20030129	99.94	99.71	100.01
6	4	224677431	20030210	20030129	100.02	99.72	99.93
6	4	224677432	20030210	20030129	100.03	100.26	100.06
6	4	224677433	20030210	20030129	100.07	100.45	100.06
6	4	224677436	20030210	20030129	99.88	99.88	100.07
6	4	224677438	20030210	20030129	99.98	100.14	100.02
6	4	224677440	20030210	20030129	99.93	100.03	100.09
6	4	224677446	20030210	20030129	100.03	100.35	99.87
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6	4	224677448	20030210	20030129	99.86	100.3	99.94
6	4	224677449	20030210	20030129	100.03	100.52	100.03
6	4	224677450	20030210	20030129	100.03	100.23	99.91
6	4	224677451	20030210	20030129	100.14	100.2	100.14
6	4	224677452	20030210	20030129	99.99	99.91	100.09
6	4	224677453	20030210	20030129	99.98	100.38	100
6	4	224677454	20030210	20030129	100.04	99.95	100.1
6	4	224677456	20030210	20030129	99.98	100.3	100.1
6	4	224677457	20030210	20030129	100.04	99.83	99.92
6	4	224677458	20030210	20030129	100.04	100.17	100.07
6	4	224677459	20030210	20030129	100.09	99.6	99.99
6	4	224677460	20030210	20030129	99.95	100.27	99.91
6	4	224677461	20030210	20030129	100.02	99.76	99.9
6	4	224677462	20030210	20030129	99.99	100	100
6	4	224677463	20030210	20030129	99.97	100.19	99.92
6	4	224677464	20030210	20030129	100.04	100.32	99.94

6	4	224677465	20030210	20030129	99.96	100.04	100.07
6	4	224677466	20030210	20030129	99.96	99.95	100.06
6	4	224677468	20030210	20030129	99.95	100.07	100.12
6	4	224677469	20030210	20030129	99.99	100.44	100.05
6	4	224677470	20030210	20030129	100	100.3	99.95
6	4	224677471	20030210	20030129	100.04	100.43	99.96
6	4	224677472	20030210	20030129	100.09	100.43	100.1
6	4	224677473	20030210	20030129	100.11	100.29	99.9
6	4	224677474	20030210	20030129	100.02	99.98	99.88
6	4	224677476	20030210	20030129	100.05	100.24	100.12
6	4	224677477	20030210	20030129	100.1	100.04	100.02
6	4	224677478	20030210	20030129	100.1	100.16	99.86
6	4	224677479	20030210	20030129	99.93	99.76	99.87
6	4	224782808	20030401	20030317	100.05	99.55	100.09
6	4	224782809	20030401	20030317	100.05	99.55	100.09
6	4	224782810	20030401	20030317	100.02	99.56	100.09
6	4	224782811	20030401	20030317	100.02	99.54	100.08
6	4	224782812	20030401	20030317	100.03	100.13	100.1
6	4	224782813	20030401	20030317	99.99	99.82	100
6	4	224782814	20030401	20030317	99.92	99.73	99.99
6	4	224782815	20030401	20030317	100.03	99.64	99.97
6	4	224782816	20030401	20030317	100.08	100.11	99.89
6	4	224782817	20030401	20030317	99.9	99.69	99.9
6	4	224782818	20030401	20030317	99.91	99.62	99.87
6	4	224782819	20030401	20030317	100.11	100	100.07
6	4	224782820	20030401	20030317	100.09	100.08	99.88
6	4	224782821	20030401	20030317	100.06	100.05	99.91
6	4	224782822	20030401	20030317	100.05	100.01	99.91
6	4	224782823	20030401	20030317	100.01	99.95	99.87
6	4	224782824	20030401	20030317	100.04	100.3	99.98
6	4	224782825	20030401	20030317	100.07	99.78	99.87
6	4	224782826	20030401	20030317	100.13	100.36	100.05
6	4	224782827	20030401	20030317	100	99.78	99.9
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6	4	224782830	20030401	20030317	100.01	100.15	100.13
6	4	224782831	20030401	20030317	99.98	99.93	99.94
6	4	224782832	20030401	20030317	100.03	99.71	99.93
6	4	224782833	20030401	20030317	100	100.42	100.04
6	4	224782834	20030401	20030317	99.99	99.81	100.09
6	4	224782835	20030401	20030317	100.02	99.96	100.1
6	4	224782836	20030401	20030317	100.09	99.58	100.09
6	4	224782837	20030401	20030317	100.09	99.65	100.11
6	4	224782838	20030401	20030317	100.02	99.77	99.97
6	4	224782839	20030401	20030317	99.91	99.56	99.86
6	4	224782841	20030401	20030317	99.94	99.58	99.93
6	4	224782842	20030401	20030317	99.92	99.77	100.02
6	4	224782843	20030401	20030317	100.06	99.59	100.07
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6	4	224782845	20030401	20030317	100	99.9	100.13
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6	4	224782847	20030401	20030317	100.08	99.81	100.14
6	4	224782848	20030401	20030317	100.04	99.5	99.9
6	4	224782849	20030401	20030317	100.04	99.75	100.12
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6	4	224782851	20030401	20030317	100.05	99.78	99.9
6	4	224782852	20030401	20030317	99.97	99.96	100
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6	4	224782854	20030401	20030317	100.07	99.69	99.96
6	4	224782855	20030401	20030317	99.86	99.33	99.92
6	4	224782856	20030401	20030317	100.02	99.67	100.05
6	4	224782857	20030401	20030317	100.02	100.06	100.13
6	4	224782858	20030401	20030317	99.98	99.66	100.09
6	4	224782859	20030401	20030317	99.89	99.43	99.86
6	4	224782860	20030401	20030317	99.99	99.64	100.02

6	4	224782861	20030401	20030317	100	99.73	100.05
6	4	224782862	20030401	20030317	100.05	99.61	100.06
6	4	224782863	20030401	20030317	99.94	99.73	99.9
6	4	224782864	20030401	20030317	100.08	100.04	100.03
6	4	224782865	20030401	20030317	99.96	99.66	99.98
6	4	224782866	20030401	20030317	100.1	99.56	99.88
6	4	224782867	20030401	20030317	100	99.49	100.09
6	4	224782868	20030401	20030317	100.06	100.15	100.03
6	4	224782869	20030401	20030317	99.96	99.66	99.98
6	4	224782870	20030401	20030317	100.06	99.7	100.07
6	4	224782871	20030401	20030317	100.05	99.66	99.91
6	4	224782872	20030401	20030317	99.96	99.69	100.13
6	4	224782873	20030401	20030317	99.98	99.38	99.96
6	4	224782874	20030401	20030317	100.07	100.47	99.94
6	4	224782875	20030401	20030317	99.98	99.72	100
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6	4	224782877	20030401	20030317	100.04	99.55	99.98
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6	4	224782879	20030401	20030317	99.95	100.04	100
6	4	224782880	20030401	20030317	99.96	99.99	99.97
6	4	224782881	20030401	20030317	100.02	99.89	99.94
6	4	224782882	20030401	20030317	100.08	99.72	99.86
6	4	224782883	20030401	20030317	100.05	99.77	100.13
6	4	224782884	20030401	20030317	99.97	99.64	99.93
6	4	224782885	20030401	20030317	100.07	99.88	99.89
6	4	224782886	20030401	20030317	100.02	99.91	99.98
6	4	224782887	20030401	20030317	100.05	100	99.91
6	4	224782888	20030401	20030317	100.09	99.94	100.03
6	4	224782889	20030401	20030317	99.99	99.67	100.03
6	4	224782890	20030401	20030317	100.02	99.83	100.07
6	4	224782891	20030401	20030317	100.02	100.02	100.02
6	4	224782892	20030401	20030317	100.02	99.83	100.07
6	4	224782893	20030401	20030317	99.96	99.77	100.14
6	4	224782894	20030401	20030317	99.94	99.76	99.91
6	4	224782895	20030401	20030317	100.02	99.97	99.99
6	4	224782896	20030401	20030317	99.91	100.05	100.14
6	4	224782897	20030401	20030317	99.92	99.84	100
6	4	224782898	20030401	20030317	100.01	99.77	100.1
6	4	224782899	20030401	20030317	99.99	99.64	99.96
6	4	224782900	20030401	20030317	100.11	99.6	99.94
6	4	224782901	20030401	20030317	99.91	99.91	100.04
6	4	224782902	20030401	20030317	99.88	99.63	99.9
6	4	224782903	20030401	20030317	100.12	99.73	100.13
6	4	224782904	20030401	20030317	99.95	99.7	100.09
6	4	224782905	20030401	20030317	100	100	99.92
6	4	224782906	20030401	20030317	100.01	99.92	99.87
6	4	224782907	20030401	20030317	99.98	99.56	100.04
6	4	224782908	20030401	20030317	99.93	99.79	100
6	4	224782909	20030401	20030317	99.95	99.91	99.96
6	4	224782910	20030401	20030317	99.99	99.52	99.96
6	4	224782911	20030401	20030317	100.03	99.94	99.95
6	4	224782912	20030401	20030317	99.99	99.93	99.86
6	4	224782913	20030401	20030317	99.96	99.96	99.99
6	4	224782914	20030401	20030317	100.12	99.82	100.07
6	4	224782915	20030401	20030317	99.9	99.96	100.01
6	4	224782916	20030401	20030317	99.92	99.89	99.96
6	4	224782917	20030401	20030317	99.98	99.47	99.94
6	4	224782918	20030401	20030317	99.9	99.65	100.05
6	4	224782919	20030401	20030317	100.03	99.78	100.05
6	4	224782920	20030401	20030317	100.07	99.77	100.12
6	4	224782921	20030401	20030317	100	99.84	100
6	4	224782922	20030401	20030317	100.08	100.09	99.87
6	4	224782923	20030401	20030317	100.01	99.82	100.02
6	4	224782924	20030401	20030317	100.1	100.02	100
6	4	224782925	20030401	20030317	99.91	100.32	100.05

6	4	224782926	20030401	20030317	100.13	99.53	100.08
6	4	224782927	20030401	20030317	99.97	99.47	99.9
6	4	224782928	20030401	20030317	100.04	99.92	100.1
6	4	224782929	20030401	20030317	100.08	99.99	100.11
6	4	224782930	20030401	20030317	100.05	99.91	99.88
6	4	224782931	20030401	20030317	99.98	99.92	100.13
6	4	224782932	20030401	20030317	100.07	99.89	100.02
6	4	224782933	20030401	20030317	100.1	100.01	100.02
6	4	224782934	20030401	20030317	100.01	99.88	100
6	4	224782935	20030401	20030317	99.98	99.92	100.13
6	4	224782936	20030401	20030317	100.14	100.24	100.03
6	4	224782937	20030401	20030317	99.94	100.32	99.97
6	4	224782938	20030401	20030317	99.98	99.92	100.13
6	4	224782939	20030401	20030317	100.13	100.02	99.91
6	4	224782940	20030401	20030317	100.05	99.51	100.07
6	4	224782941	20030401	20030317	100.14	99.86	100.13
6	4	224782942	20030401	20030317	100.03	99.7	100.06
6	4	224782943	20030401	20030317	99.96	99.59	99.93
6	4	224782944	20030401	20030317	100.04	99.74	100.11
6	4	224782945	20030401	20030317	100	99.54	100.01
6	4	224782946	20030401	20030317	100.04	99.49	100.02
6	4	224782947	20030401	20030317	100.02	99.82	99.91
6	4	224782948	20030401	20030317	100.02	100	99.87
6	4	224782949	20030401	20030317	100.02	99.44	99.93
6	4	224782950	20030401	20030317	100.08	99.54	100.03
6	4	224782951	20030401	20030317	100.03	100.01	99.99
6	4	224782952	20030401	20030317	100.06	99.97	99.9
6	4	224782953	20030401	20030317	99.99	99.49	99.91
6	4	224782954	20030401	20030317	100.03	99.68	100.1
6	4	224782955	20030401	20030317	99.97	99.79	100.07
6	4	224782956	20030401	20030317	100.14	99.86	100
6	4	224782957	20030401	20030317	99.98	99.66	99.87
6	4	224782958	20030401	20030317	100.09	100.27	99.92
6	4	224782959	20030401	20030317	99.98	99.81	99.88
6	4	224782960	20030401	20030317	100.08	99.78	100.03
6	4	224782961	20030401	20030317	99.88	99.57	99.9
6	4	224782962	20030401	20030317	99.93	99.79	99.97
6	4	224782963	20030401	20030317	100.01	99.65	99.97
6	4	224782964	20030401	20030317	99.94	99.79	99.99
6	4	224782965	20030401	20030317	99.94	99.79	99.88
6	4	224782966	20030401	20030317	100.11	100.16	100.05
6	4	224782967	20030401	20030317	99.92	99.92	99.98
6	4	224782968	20030401	20030317	100.1	99.44	99.97
6	4	224782969	20030401	20030317	100.11	100.05	100.02
6	4	224782970	20030401	20030317	99.91	99.87	100.09
6	4	224782971	20030401	20030317	99.94	99.86	100.07
6	4	224782972	20030401	20030317	99.89	99.68	100.07
6	4	224782973	20030401	20030317	100.01	99.89	100.04
6	4	224782974	20030401	20030317	99.96	99.5	99.95
6	4	224782975	20030401	20030317	100.04	100.1	99.94
6	4	224782976	20030401	20030317	100.08	100.1	100.12
6	4	224782977	20030401	20030317	100.03	99.94	99.89
6	4	224782978	20030401	20030317	100.05	99.84	100.02
6	4	224782979	20030401	20030317	99.98	99.64	100.04
6	4	224782980	20030401	20030317	100.06	100.16	100.04
6	4	224782982	20030401	20030317	100.02	99.97	100.03
6	4	224782983	20030401	20030317	100.03	100.05	99.88
6	4	224782984	20030401	20030317	99.99	99.95	100.1
6	4	224782985	20030401	20030317	99.97	100.18	100.08
6	4	224782986	20030401	20030317	100.04	99.72	99.95
6	4	224782987	20030401	20030317	100.1	99.65	100.03
6	4	224782988	20030401	20030317	99.97	100.11	99.94
6	4	224782989	20030401	20030317	100.05	99.89	100
6	4	224782990	20030401	20030317	99.94	99.86	100.02
6	4	224782991	20030401	20030317	100.01	99.62	99.98

6	4	224782992	20030401	20030317	99.94	99.93	99.93
6	4	224782993	20030401	20030317	99.95	99.7	99.97
6	4	224782994	20030401	20030317	100.05	99.92	100.04
6	4	224782995	20030401	20030317	99.92	99.46	99.88
6	4	224782996	20030401	20030317	100.04	99.66	99.97
6	4	224782997	20030401	20030317	100.12	99.9	100.14
6	4	224782998	20030401	20030317	99.94	99.97	100.08
6	4	224782999	20030401	20030317	100.1	99.99	99.87
6	4	224801720	20030625	20030519	100.09	100.18	100.03
6	4	224801721	20030625	20030519	100.09	99.89	100.14
6	4	224801722	20030625	20030519	99.98	99.76	99.86
6	4	224801723	20030625	20030519	100.08	100.38	99.96
6	4	224801724	20030625	20030519	99.98	100.08	99.95
6	4	224801725	20030625	20030519	99.94	100.48	100.11
6	4	224801726	20030625	20030519	100.04	99.91	100.02
6	4	224801727	20030625	20030519	100.02	99.91	100.04
6	4	224801728	20030625	20030519	100.09	100.3	99.98
6	4	224801729	20030625	20030519	100.06	100.28	100.01
6	4	224801730	20030625	20030519	100.03	100.05	100.05
6	4	224801731	20030625	20030519	100.04	100.25	99.86
6	4	224801732	20030625	20030519	100.01	100.67	99.89
6	4	224801733	20030625	20030519	100	100.16	100.13
6	4	224801734	20030625	20030519	100.03	99.83	99.89
6	4	224801735	20030625	20030519	99.94	99.75	99.94
6	4	224801736	20030625	20030519	100.05	99.93	99.99
6	4	224801737	20030625	20030519	100.09	99.82	100.14
6	4	224801738	20030625	20030519	100.07	99.99	100.12
6	4	224801739	20030625	20030519	99.95	100.05	99.99
6	4	224801740	20030625	20030519	100	100.14	100.14
6	4	224801741	20030625	20030519	100.06	99.93	99.86
6	4	224801742	20030625	20030519	100.03	100.32	100.03
6	4	224801743	20030625	20030519	99.87	99.95	99.88
6	4	224801744	20030625	20030519	99.94	100.23	99.87
6	4	224801745	20030625	20030519	99.95	100.05	100.04
6	4	224801746	20030625	20030519	100.01	99.93	99.96
6	4	224801747	20030625	20030519	100.02	100.03	99.89
6	4	224801748	20030625	20030519	99.91	99.66	100.06
6	4	224801749	20030625	20030519	99.98	99.59	99.87
6	4	224801750	20030625	20030519	99.89	99.82	99.97
6	4	224801751	20030625	20030519	100.06	100.29	100.11
6	4	224801752	20030625	20030519	100	100.21	99.98
6	4	224801753	20030625	20030519	100.07	100.26	99.96
6	4	224801754	20030625	20030519	99.88	100.44	99.9
6	4	224801755	20030625	20030519	100.01	100.35	100.06
6	4	224801756	20030625	20030519	99.92	100.01	100.06
6	4	224801757	20030625	20030519	100.08	100.17	100.01
6	4	224801758	20030625	20030519	100.05	100.17	100.02
6	4	224801759	20030625	20030519	100.02	100.1	99.98
6	4	224801760	20030625	20030519	99.98	100.1	99.9
6	4	224801761	20030625	20030519	99.93	99.86	99.95
6	4	224801762	20030625	20030519	100.12	100.25	100.05
6	4	224801763	20030625	20030519	100.01	100.08	100.07
6	4	224801764	20030625	20030519	100.02	100.16	99.9
6	4	224801765	20030625	20030519	100.02	100.04	99.93
6	4	224801766	20030625	20030519	100.06	100.07	100.07
6	4	224801767	20030625	20030519	100.02	99.98	99.93
6	4	224801768	20030625	20030519	99.94	100.26	99.99
6	4	224801769	20030625	20030519	100.04	100.11	100.03
6	4	224801770	20030625	20030519	99.98	99.97	99.88
6	4	224801771	20030625	20030519	100.08	100.28	99.95
6	4	224801772	20030625	20030519	100.01	100.19	100.05
6	4	224801773	20030625	20030519	100.07	100.08	100.14
6	4	224801775	20030625	20030519	100	100.22	99.92
6	4	224801776	20030625	20030519	100.05	99.73	100.08
6	4	224801777	20030625	20030519	100.06	99.88	99.93

6	4	224801778	20030625	20030519	99.9	99.92	100.14
6	4	224801779	20030625	20030519	100.02	100.36	99.96
6	4	224801780	20030625	20030519	99.92	100.08	99.93
6	4	224801781	20030625	20030519	100.11	100.31	100.03
6	4	224801782	20030625	20030519	100.04	100.13	100.13
6	4	224801783	20030625	20030519	99.95	100.14	100.05
6	4	224801784	20030625	20030519	100.02	100.02	100.04
6	4	224801785	20030625	20030519	100.05	100.29	100.07
6	4	224801786	20030625	20030519	99.97	99.92	100.09
6	4	224801787	20030625	20030519	100.11	99.77	99.99
6	4	224801788	20030625	20030519	99.98	99.63	99.98
6	4	224801789	20030625	20030519	99.89	99.64	99.94
6	4	224801790	20030625	20030519	100.08	100.05	100.11
6	4	224801791	20030625	20030519	99.94	100.47	99.88
6	4	224801792	20030625	20030519	100.08	100.12	99.86
6	4	224801793	20030625	20030519	100	100.03	99.91
6	4	224801794	20030625	20030519	99.9	99.6	99.94
6	4	224801795	20030625	20030519	99.94	99.92	99.89
6	4	224801796	20030625	20030519	100.06	100.21	100.02
6	4	224801797	20030625	20030519	100.01	100.04	100.13
6	4	224801798	20030625	20030519	100.01	99.86	100.11
6	4	224801799	20030625	20030519	100.1	100.16	99.92
6	4	224801800	20030625	20030519	100.06	100.05	100.11
6	4	224801801	20030625	20030519	99.95	99.7	100.11
6	4	224801802	20030625	20030519	99.93	99.8	99.86
6	4	224801803	20030625	20030519	100.06	100.14	99.99
6	4	224801804	20030625	20030519	99.99	100.03	99.92
6	4	224801805	20030625	20030519	100.1	100.25	100.08
6	4	224801806	20030625	20030519	99.95	100.27	99.98
6	4	224801807	20030625	20030519	100.09	100.17	100.14
6	4	224801808	20030625	20030519	100.04	100.33	99.97
6	4	224801809	20030625	20030519	99.87	100.06	99.93
6	4	224801810	20030625	20030519	100.01	99.85	99.97
6	4	224801811	20030625	20030519	100.07	100.12	100.11
6	4	224801812	20030625	20030519	99.97	99.75	100.12
6	4	224801813	20030625	20030519	100.07	100.01	99.93
6	4	224801814	20030625	20030519	100.08	99.78	100.01
6	4	224801815	20030625	20030519	99.89	100	99.96
6	4	224801816	20030625	20030519	99.98	100.09	100.02
6	4	224801817	20030625	20030519	99.91	100.31	99.92
6	4	224801818	20030625	20030519	100.04	100.04	100.07
6	4	224801819	20030625	20030519	100.04	100.35	99.88
6	4	224801820	20030625	20030519	99.9	99.56	100.06
6	4	224801821	20030625	20030519	99.96	100.13	99.95
6	4	224801822	20030625	20030519	100.05	100.16	100.09
6	4	224801823	20030625	20030519	100.03	100.2	100.09
6	4	224801824	20030625	20030519	100.04	99.91	100.08
6	4	224801825	20030625	20030519	99.95	100.2	99.93
6	4	224801826	20030625	20030519	99.94	100.27	100
6	4	224801827	20030625	20030519	100.06	100.06	100.09
6	4	224801828	20030625	20030519	100.03	100.33	99.98
6	4	224801829	20030625	20030519	99.92	99.9	100.06
6	4	224801830	20030625	20030519	99.99	99.86	99.92
6	4	224801831	20030625	20030519	100.04	100.25	100.14
6	4	224801832	20030625	20030519	100	100.24	99.95
6	4	224801833	20030625	20030519	100	100.21	99.89
6	4	224801834	20030625	20030519	100.05	99.84	99.99
6	4	224801835	20030625	20030519	99.99	100.13	100.02
6	4	224801836	20030625	20030519	100	100.23	100.11
6	4	224801837	20030625	20030519	99.97	100.29	99.88
6	4	224801838	20030625	20030519	99.97	100.47	100
6	4	224801839	20030625	20030519	100	100.18	100.14
6	4	224801840	20030625	20030519	100.01	100	100.07
6	4	224801841	20030625	20030519	99.97	99.83	99.97
6	4	224801842	20030625	20030519	100.03	100.12	99.96



6	4	224801843	20030625	20030519	100.04	100.11	100.1
6	4	224801844	20030625	20030519	100.02	99.72	99.91
6	4	224801845	20030625	20030519	99.99	100.24	99.98
6	4	224801846	20030625	20030519	100.03	100.26	100.01
6	4	224801847	20030625	20030519	99.93	99.93	99.9
6	4	224801848	20030625	20030519	99.99	100.11	100.09
6	4	224801849	20030625	20030519	100.04	99.84	99.87
6	4	224801850	20030625	20030519	99.97	100	99.93
6	4	224801851	20030625	20030519	100.04	100.02	99.94
6	4	224801852	20030625	20030519	100.04	100.28	100.08
6	4	224801853	20030625	20030519	99.95	99.79	99.87
6	4	224801854	20030625	20030519	100.04	100.56	99.87
6	4	224801855	20030625	20030519	100.03	100.28	99.87
6	4	224801856	20030625	20030519	100.14	100.34	100.14
6	4	224801857	20030625	20030519	100.01	100.21	100.13
6	4	224801858	20030625	20030519	100.02	100	100
6	4	224801859	20030625	20030519	100.13	100.55	99.99
6	4	224801860	20030625	20030519	99.91	99.86	100.01
6	4	224801861	20030625	20030519	99.97	100	100.06
6	4	224801862	20030625	20030519	100.08	100.33	100.05
6	4	224801863	20030625	20030519	99.94	100.13	100.09
6	4	224801864	20030625	20030519	99.98	100.27	100.07
6	4	224801865	20030625	20030519	100.03	100.29	99.87
6	4	224801866	20030625	20030519	100.01	100.49	99.92
6	4	224801867	20030625	20030519	100.04	100.33	100.11
6	4	224801868	20030625	20030519	100.09	100.05	100.12
6	4	224801869	20030625	20030519	100.07	100.03	99.92
6	4	224801870	20030625	20030519	99.86	99.97	99.9
6	4	224801871	20030625	20030519	100.08	100.36	99.86
6	4	224801872	20030625	20030519	100	100.2	100.01
6	4	224801873	20030625	20030519	99.99	99.86	100.02
6	4	224801874	20030625	20030519	99.96	100.44	100.02
6	4	224801875	20030625	20030519	100.01	100.2	99.95
6	4	224801876	20030625	20030519	100.02	100.2	99.91
6	4	224801877	20030625	20030519	99.91	100.23	99.97
6	4	224801878	20030625	20030519	99.99	99.96	99.94
6	4	224801879	20030625	20030519	100.04	100.36	100.14
6	4	224801880	20030625	20030519	100.04	100.3	100.02
6	4	224801881	20030625	20030519	100.1	100.17	100.13
6	4	224801882	20030625	20030519	100.11	100.01	99.98
6	4	224801883	20030625	20030519	100.04	100.12	99.97
6	4	224801884	20030625	20030519	99.91	100.02	99.93
6	4	224801885	20030625	20030519	99.97	100.32	100.03
6	4	224801886	20030625	20030519	99.96	100.06	100.1
6	4	224801887	20030625	20030519	99.91	100	100.1
6	4	224801888	20030625	20030519	100	100.45	99.86
6	4	224801889	20030625	20030519	99.94	100.25	100.03
6	4	224801890	20030625	20030519	100.07	99.98	99.95
6	4	224801891	20030625	20030519	100.09	100.31	99.99
6	4	224801892	20030625	20030519	99.95	100.04	100.09
6	4	224801893	20030625	20030519	100.07	99.99	99.91
6	4	224801894	20030625	20030519	99.99	100.21	99.95
6	4	224801895	20030625	20030519	100.03	99.96	100.01
6	4	224801896	20030625	20030519	99.96	100.07	100.04
6	4	224801897	20030625	20030519	99.87	99.97	100.02
6	4	224801898	20030625	20030519	100.11	100.3	100.12
6	4	224801899	20030625	20030519	99.95	99.85	100.01
6	4	224801900	20030625	20030519	99.96	100.03	100
6	4	224801901	20030625	20030519	100.14	100.04	100.03
6	4	224801902	20030625	20030519	100.07	100.18	99.94
6	4	224801903	20030625	20030519	100.02	100.31	100.01
6	4	224801904	20030625	20030519	100.04	100.06	100
6	4	224801905	20030625	20030519	100.02	100.26	100.03
6	4	224801906	20030625	20030519	100.09	100.47	100.01
6	4	224801907	20030625	20030519	100.13	100.15	100.11

6	4	224801908	20030625	20030519	100.03	100	99.99
6	4	224801909	20030625	20030519	100.05	100.61	99.88
6	4	224801910	20030625	20030519	100.09	100.01	100.03
6	4	224801911	20030625	20030519	99.99	100.1	100.04
6	4	224801912	20030625	20030519	100.05	99.86	99.92
6	4	224801913	20030625	20030519	100.03	99.97	99.93
6	4	224801914	20030625	20030519	100.02	100.15	100.13
6	4	224801915	20030625	20030519	99.96	99.99	99.98
6	4	224801916	20030625	20030519	99.94	99.86	99.96
6	4	224801917	20030625	20030519	100.05	99.9	99.92
6	4	224801918	20030625	20030519	100.08	100.27	100.1
6	4	224801919	20030625	20030519	99.98	100.12	100.1
6	4	224801920	20030625	20030519	100.03	100.04	100.07
6	4	224801921	20030625	20030519	100.05	100.24	100.11
6	4	224801922	20030625	20030519	99.99	100.08	100.1
6	4	224801923	20030625	20030519	100	100.22	100.02
6	4	224801924	20030625	20030519	100.01	99.9	99.89
6	4	224801925	20030625	20030519	100.04	100.39	100.02
6	4	224801926	20030625	20030519	99.92	99.9	99.95
6	4	224801927	20030625	20030519	100.01	100.19	100.01
6	4	224801928	20030625	20030519	99.94	99.86	99.96
6	4	224801929	20030625	20030519	100.02	100.06	100.06
6	4	224801930	20030625	20030519	100.02	99.76	99.91
6	4	224801931	20030625	20030519	100.07	99.95	100.04
6	4	224801932	20030625	20030519	99.95	99.83	100.1
6	4	224801933	20030625	20030519	100.04	99.87	100
6	4	224801934	20030625	20030519	100.04	99.93	99.9
6	4	224801935	20030625	20030519	100.07	99.98	99.97
6	4	224801936	20030625	20030519	100.03	100.21	100.09
6	4	224801937	20030625	20030519	99.94	99.77	100
6	4	224801938	20030625	20030519	99.94	99.78	100.01
6	4	224801939	20030625	20030519	100.1	100.35	100.12
6	4	224801940	20030625	20030519	99.96	99.93	99.94
6	4	224801941	20030625	20030519	100.12	99.75	100.06
6	4	224801942	20030625	20030519	100	100.05	100.13
6	4	224801943	20030625	20030519	99.97	100.12	100.04
6	4	224801945	20030625	20030519	99.92	99.97	99.96
6	4	224801946	20030625	20030519	99.87	100.03	99.91
6	4	224801947	20030625	20030519	100.04	100.27	100
6	4	224801948	20030625	20030519	99.89	99.99	99.92
6	4	224801949	20030625	20030519	100.07	100.35	100.06
6	4	224801950	20030625	20030519	100.02	99.91	99.96
6	4	224801951	20030625	20030519	99.99	99.55	100.07
6	4	224801952	20030625	20030519	100.04	100.08	99.97
6	4	224801953	20030625	20030519	99.91	100.17	99.99
6	4	224801954	20030625	20030519	100	100.07	100.03
6	4	224801955	20030625	20030519	99.97	100.23	99.95
6	4	224801956	20030625	20030519	100.07	100.37	100.08
6	4	224801957	20030625	20030519	100.12	100.3	100
6	4	224801958	20030625	20030519	99.93	99.76	99.88
6	4	224801959	20030625	20030519	99.98	99.86	99.9
6	4	224801960	20030625	20030519	100.07	100.22	99.99
6	4	224801961	20030625	20030519	100.06	99.89	99.93
6	4	224801962	20030625	20030519	99.99	99.73	100.01
6	4	224801963	20030625	20030519	100	99.82	100.08
6	4	224801964	20030625	20030519	100.05	100.18	100.11
6	4	224801965	20030625	20030519	100.09	100.09	100.07
6	4	224801966	20030625	20030519	100	99.94	100.13
6	4	224801967	20030625	20030519	99.99	100.33	100.06
6	4	224801968	20030625	20030519	99.99	100.02	99.92
6	4	224801969	20030625	20030519	99.86	99.85	99.95
6	4	224801970	20030625	20030519	100.06	99.7	99.94
6	4	224801971	20030625	20030519	99.98	99.62	99.86
6	4	224801972	20030625	20030519	100.08	100.02	100.09
6	4	224801973	20030625	20030519	100.04	99.89	100.05

6	4	224801974	20030625	20030519	100.05	100	100.11
6	4	224801975	20030625	20030519	99.9	100.09	99.94
6	4	224801976	20030625	20030519	100.03	99.95	100.12
6	4	224801977	20030625	20030519	99.87	100.11	99.88
6	4	224801978	20030625	20030519	100.09	99.88	99.91
6	4	224801979	20030625	20030519	99.99	99.82	100.11
6	4	224801980	20030625	20030519	100.06	100.58	99.96
6	4	224801981	20030625	20030519	100.07	100.26	99.89
6	4	224801982	20030625	20030519	100.05	99.95	100.11
6	4	224801983	20030625	20030519	100.07	100.06	100.04
6	4	224801984	20030625	20030519	99.9	99.86	99.87
6	4	224801985	20030625	20030519	99.99	99.83	100.02
6	4	224801986	20030625	20030519	99.9	99.77	99.96
6	4	224801987	20030625	20030519	100.04	100.17	100.04
6	4	224801988	20030625	20030519	100.01	99.86	99.94
6	4	224801989	20030625	20030519	99.98	99.72	99.9
6	4	224801990	20030625	20030519	100.12	100.08	99.91
6	4	224801991	20030625	20030519	99.92	100.07	100
6	4	224801992	20030625	20030519	100.01	100.15	99.98
6	4	224801993	20030625	20030519	99.92	99.97	99.98
6	4	224801994	20030625	20030519	99.98	100.08	99.91
6	4	224801995	20030625	20030519	100	100.04	100.04
6	4	224801996	20030625	20030519	99.92	100.21	99.88
6	4	224801997	20030625	20030519	100.01	100.23	99.87
6	4	224801998	20030625	20030519	100.01	100.16	99.87
6	4	224801999	20030625	20030519	100.13	100.2	100.11
6	4	224802000	20030625	20030519	100.06	100.25	100.01
6	4	224802001	20030625	20030519	99.97	99.69	100.02
6	4	224802002	20030625	20030519	100.1	99.98	100.06
6	4	224802003	20030625	20030519	99.93	99.9	100.13
6	4	224802004	20030625	20030519	100.03	99.95	100
6	4	224802005	20030625	20030519	100.07	99.96	99.99
6	4	224802006	20030625	20030519	100.02	99.97	100.04
6	4	224802007	20030625	20030519	100.09	99.96	100.08
6	4	224802008	20030625	20030519	100.01	100.04	99.89
6	4	224802009	20030625	20030519	100.13	100.1	99.87
6	4	224802010	20030625	20030519	99.99	99.99	100.06
6	4	224802011	20030625	20030519	99.95	100.04	100.02
6	4	224802012	20030625	20030519	100.01	99.32	100.1
6	4	224802013	20030625	20030519	99.99	99.88	99.95
6	4	224802014	20030625	20030519	100.01	100.21	100.03
6	4	224802015	20030625	20030519	100.02	99.78	99.97
6	4	224802016	20030625	20030519	99.96	100	99.89
6	4	224802017	20030625	20030519	100.09	100	100.09
6	4	224802018	20030625	20030519	100.02	100.32	99.99
6	4	224802019	20030625	20030519	100.11	100.08	100.04
6	4	224802020	20030625	20030519	100.1	99.95	100.02
6	4	224802021	20030625	20030519	99.97	100.2	99.94
6	4	224802022	20030625	20030519	100.14	100.18	99.89
6	4	224802023	20030625	20030519	100.13	100.12	100.14
6	4	224802024	20030625	20030519	99.95	99.66	99.97
6	4	224802025	20030625	20030519	100.03	99.93	100.08
6	4	224802026	20030625	20030519	99.93	99.95	100.1
6	4	224802027	20030625	20030519	100.06	100.16	100.01
6	4	224802028	20030625	20030519	99.98	99.97	100.08
6	4	224802029	20030625	20030519	100.1	99.99	99.97
6	4	224802030	20030625	20030519	100.03	100.02	100.04
6	4	224802031	20030625	20030519	99.93	99.94	99.98
6	4	224802032	20030625	20030519	100.05	99.99	100.12
6	4	224802033	20030625	20030519	99.98	99.98	100
6	4	224802034	20030625	20030519	100.09	99.93	100.02
6	4	224802035	20030625	20030519	100	100.09	100.01
6	4	224802036	20030625	20030519	99.95	100.2	99.97
6	4	224802037	20030625	20030519	100.08	99.91	100.08
6	4	224802038	20030625	20030519	99.96	100.16	99.9

6	4	224802039	20030625	20030519	99.92	100.35	99.94
6	4	224802040	20030625	20030519	100.04	100.07	99.89
6	4	224802041	20030625	20030519	100.09	99.97	100.13
6	4	224802042	20030625	20030519	99.98	99.96	99.95
6	4	224802043	20030625	20030519	99.99	99.97	100.01
6	4	224802044	20030625	20030519	99.97	100.21	99.98
6	4	224802045	20030625	20030519	100.02	100.48	100.09
6	4	224802046	20030625	20030519	100.01	100.07	99.89
6	4	224802047	20030625	20030519	99.97	99.72	100.08
6	4	224802048	20030625	20030519	100.03	100.15	100.04
6	4	224802049	20030625	20030519	100.1	100.24	99.87
6	4	224802050	20030625	20030519	99.97	99.71	99.95
6	4	224802051	20030625	20030519	100.03	100.24	100.14
6	4	224802052	20030625	20030519	99.94	100.16	99.96
6	4	224802053	20030625	20030519	100.03	100.2	100.03
6	4	224802054	20030625	20030519	100.05	100.03	99.88
6	4	224802055	20030625	20030519	99.86	99.87	99.99
6	4	224802056	20030625	20030519	100.06	100.13	100.03
6	4	224802057	20030625	20030519	99.98	99.88	99.89
6	4	224802058	20030625	20030519	99.94	99.63	99.94
6	4	224802059	20030625	20030519	99.98	100.2	100.01
6	4	224802060	20030625	20030519	99.93	100.07	99.93
6	4	224802061	20030625	20030519	99.98	100.1	100.03
6	4	224802062	20030625	20030519	100.01	100.17	100.07
6	4	224802063	20030625	20030519	100	100.37	100.05
6	4	224802064	20030625	20030519	100.09	100.08	99.93
6	4	224802065	20030625	20030519	100.09	100.36	100.05
6	4	224802066	20030625	20030519	99.95	100.12	100.12
6	4	224802067	20030625	20030519	100.05	100	100.13
6	4	224802068	20030625	20030519	100.11	100.23	100.13
6	4	224802069	20030625	20030519	100.1	100.13	100.13
6	4	224802070	20030625	20030519	100	99.62	100.04
6	4	224802071	20030625	20030519	100.08	99.76	99.95
6	4	224802072	20030625	20030519	99.9	99.82	100.07
6	4	224802073	20030625	20030519	100.03	100.11	99.93
6	4	224802074	20030625	20030519	99.89	99.78	99.98
6	4	224802075	20030625	20030519	99.95	99.81	100.13
6	4	224802076	20030625	20030519	100.01	100.28	99.96
6	4	224802077	20030625	20030519	100.09	100.13	99.88
6	4	224802078	20030625	20030519	99.99	100.02	100.03
6	4	224802079	20030625	20030519	100.02	100.13	99.98
6	4	224802080	20030625	20030519	100.01	100.09	100.09
6	4	224802081	20030625	20030519	99.9	99.78	100.08
6	4	224802082	20030625	20030519	99.95	99.98	100.03
6	4	224802083	20030625	20030519	100.08	100.18	100.14
6	4	224802084	20030625	20030519	99.98	100.11	100.02
6	4	224802085	20030625	20030519	99.97	99.85	99.98
6	4	224802086	20030625	20030519	99.99	99.83	100.05
6	4	224802087	20030625	20030519	100.13	100.09	100.08
6	4	224802088	20030625	20030519	100.01	99.89	99.88
6	4	224802089	20030625	20030519	100.07	99.97	100.05
6	4	224802090	20030625	20030519	99.99	100.13	99.87
6	4	224802091	20030625	20030519	99.97	100.05	100.09
6	4	224802092	20030625	20030519	100.02	99.93	100.1
6	4	224802093	20030625	20030519	99.92	99.71	99.92
6	4	224802094	20030625	20030519	100	99.52	99.97
6	4	224802095	20030625	20030519	100.04	99.91	99.98
6	4	224802096	20030625	20030519	100.07	99.94	99.96
6	4	224802097	20030625	20030519	99.99	99.81	99.91
6	4	224802098	20030625	20030519	100	99.97	100.05
6	4	224802099	20030625	20030519	100.05	100.26	100
6	4	224802101	20030625	20030519	100.13	100.1	100.11
6	4	224802102	20030625	20030519	99.94	99.9	100.12
6	4	224802103	20030625	20030519	99.9	100.15	100.05
6	4	224802634	20030523	20030501	99.99	100.09	100

6	4	224802751	20030523	20030501	99.87	99.98	99.9
6	4	224804600	20030623	20030512	100.01	99.46	99.93
6	4	224804601	20030623	20030512	99.88	99.79	99.89
6	4	224804602	20030623	20030512	99.96	99.47	100.01
6	4	224804603	20030623	20030512	100.04	99.88	100.07
6	4	224804604	20030623	20030512	99.99	99.88	100.1
6	4	224804605	20030623	20030512	99.98	99.74	100.14
6	4	224804606	20030623	20030512	100	99.62	99.87
6	4	224804607	20030623	20030512	100	99.95	99.99
6	4	224804608	20030623	20030512	100	100.1	99.98
6	4	224804609	20030623	20030512	100.11	99.8	99.98
6	4	224804610	20030623	20030512	100.07	99.63	100.09
6	4	224804611	20030623	20030512	100.02	99.84	99.99
6	4	224804612	20030623	20030512	99.99	99.8	100.11
6	4	224804613	20030623	20030512	100.1	100.06	100.02
6	4	224804614	20030623	20030512	99.98	100.03	99.98
6	4	224804615	20030623	20030512	100	100.11	100.08
6	4	224804616	20030623	20030512	100.01	99.94	100.1
6	4	224804617	20030623	20030512	99.92	99.79	99.99
6	4	224804618	20030623	20030512	100.03	99.91	100.02
6	4	224804619	20030623	20030512	100.14	99.89	99.96
6	4	224804620	20030623	20030512	100.02	99.56	100.08
6	4	224804621	20030623	20030512	100	99.45	100.03
6	4	224804622	20030623	20030512	99.92	99.79	100.01
6	4	224804623	20030623	20030512	100.14	100.07	99.98
6	4	224804624	20030623	20030512	99.95	99.98	100.02
6	4	224804625	20030623	20030512	100.12	99.66	100.03
6	4	224804626	20030623	20030512	100.08	99.66	100.07
6	4	224804627	20030623	20030512	100.02	99.8	100.1
6	4	224804628	20030623	20030512	100.06	99.56	100.09
6	4	224804629	20030623	20030512	99.93	99.95	100
6	4	224804630	20030623	20030512	100.03	99.87	100.14
6	4	224804631	20030623	20030512	99.96	99.33	99.99
6	4	224804632	20030623	20030512	100.02	100.04	99.93
6	4	224804633	20030623	20030512	100.11	100.03	99.87
6	4	224804634	20030623	20030512	99.91	100.09	99.98
6	4	224804635	20030623	20030512	99.99	99.64	99.86
6	4	224804636	20030623	20030512	99.99	99.79	99.92
6	4	224804637	20030623	20030512	100.03	99.8	99.91
6	4	224804638	20030623	20030512	99.96	99.99	99.88
6	4	224804639	20030623	20030512	100.07	99.84	100.08
6	4	224804640	20030623	20030512	99.9	99.58	99.92
6	4	224804641	20030623	20030512	100.09	99.95	100.13
6	4	224804642	20030623	20030512	99.9	99.66	100.01
6	4	224804643	20030623	20030512	100.04	100.04	100.03
6	4	224804644	20030623	20030512	100.09	99.73	100.06
6	4	224804645	20030623	20030512	100.06	100.23	100.05
6	4	224804646	20030623	20030512	100.01	99.74	100.07
6	4	224804647	20030623	20030512	100.12	100.16	100.1
6	4	224804648	20030623	20030512	99.98	99.67	100.01
6	4	224804649	20030623	20030512	100.03	99.82	99.92
6	4	224804650	20030623	20030512	100.08	99.67	100.03
6	4	224804651	20030623	20030512	100.01	100.08	99.87
6	4	224804652	20030623	20030512	100.01	100.01	99.99
6	4	224804653	20030623	20030512	100.07	99.39	99.91
6	4	224804654	20030623	20030512	100.05	99.63	99.92
6	4	224804655	20030623	20030512	100.02	99.55	100.14
6	4	224804656	20030623	20030512	99.95	99.75	100.04
6	4	224804657	20030623	20030512	99.95	99.64	99.91
6	4	224804658	20030623	20030512	100	100.1	99.89
6	4	224804659	20030623	20030512	99.89	100.05	100.04
6	4	224804660	20030623	20030512	99.96	99.86	100.05
6	4	224804661	20030623	20030512	100	99.89	100.11
6	4	224804662	20030623	20030512	100.02	99.94	100.06
6	4	224804663	20030623	20030512	100.06	99.6	99.96

6	4	224804664	20030623	20030512	100.1	99.91	99.93
6	4	224804665	20030623	20030512	100.12	99.94	100.13
6	4	224804666	20030623	20030512	100.03	99.52	99.88
6	4	224804667	20030623	20030512	99.87	99.53	99.9
6	4	224804668	20030623	20030512	99.94	99.8	100
6	4	224804669	20030623	20030512	100.05	100.09	100.12
6	4	224804670	20030623	20030512	100.06	100	100.11
6	4	224804671	20030623	20030512	100.01	99.76	99.92
6	4	224804672	20030623	20030512	100.07	99.68	100.06
6	4	224804673	20030623	20030512	100.07	99.34	100.14
6	4	224804674	20030623	20030512	100.13	100.09	100.06
6	4	224804675	20030623	20030512	99.99	99.84	99.86
6	4	224804676	20030623	20030512	100.01	99.61	100.03
6	4	224804677	20030623	20030512	99.87	99.99	99.86
6	4	224804678	20030623	20030512	99.91	99.95	99.87
6	4	224804679	20030623	20030512	100.07	99.74	100.1
6	4	224804680	20030623	20030512	100	100.18	99.95
6	4	224804681	20030623	20030512	100.08	99.96	100.07
6	4	224804682	20030623	20030512	100.11	99.79	100.01
6	4	224804683	20030623	20030512	100.07	99.91	100.1
6	4	224804684	20030623	20030512	99.99	99.93	100.07
6	4	224804685	20030623	20030512	99.99	99.7	100.12
6	4	224804686	20030623	20030512	100.12	99.85	100.11
6	4	224804687	20030623	20030512	99.98	99.86	100.12
6	4	224804688	20030623	20030512	100.08	99.98	100.07
6	4	224804689	20030623	20030512	100.06	99.7	100.06
6	4	224804690	20030623	20030512	100.03	99.94	100.05
6	4	224804691	20030623	20030512	100.04	99.55	100.02
6	4	224804692	20030623	20030512	100.02	99.63	100.08
6	4	224804693	20030623	20030512	100.08	99.99	100.1
6	4	224804694	20030623	20030512	99.99	99.58	100.11
6	4	224804695	20030623	20030512	99.97	99.96	100.12
6	4	224804848	20030318	20030318	99.94	99.41	100.04
6	4	224804849	20030318	20030318	99.86	99.55	99.87
6	4	224804850	20030318	20030318	99.93	99.9	99.86
6	4	224804851	20030318	20030318	100.03	100.32	100.13
6	4	224805176	20030519	20030519	99.94	100.09	100
6	4	224805177	20030519	20030519	99.89	100.11	99.98
6	4	224805178	20030519	20030519	99.99	100.27	100.07
6	4	224805179	20030519	20030519	100	99.84	100
6	4	224805180	20030519	20030519	100.09	100.07	100.01
6	4	224805181	20030519	20030519	100.07	100.26	100.05
6	4	224805182	20030519	20030519	100.13	100.64	100.04
6	4	224805183	20030519	20030519	99.94	99.98	99.95
6	4	224805184	20030519	20030519	100.11	100.04	100.13
6	4	224805185	20030519	20030519	99.95	100.11	100
6	4	224805186	20030519	20030519	100.01	100.37	100.04
6	4	224805187	20030519	20030519	99.9	99.62	100.03
6	4	224805188	20030519	20030519	100.06	99.92	99.98
6	4	224805189	20030519	20030519	100.03	100.03	100
6	4	224805190	20030519	20030519	99.96	100.08	100.05
6	4	224805191	20030519	20030519	100.03	99.94	100.08
6	4	224805192	20030519	20030519	100.12	100.08	100.11
6	4	224805193	20030519	20030519	100.07	100.03	99.88
6	4	224805194	20030519	20030519	99.98	100.27	99.96
6	4	224805195	20030519	20030519	99.97	100.32	99.98
6	4	224805196	20030519	20030519	100.07	100.38	99.86
6	4	224805197	20030519	20030519	100.03	100.3	99.94
6	4	224805198	20030519	20030519	100.06	99.62	100.07
6	4	224805199	20030519	20030519	100	99.98	99.92
6	4	224805200	20030519	20030519	100	99.98	99.92
6	4	224805201	20030519	20030519	99.94	99.96	100.09
6	4	224805202	20030519	20030519	100.01	99.76	99.96
6	4	224805203	20030519	20030519	100.04	99.67	100.05
6	4	224805208	20030519	20030519	100.07	99.8	99.99

6	4	224805209	20030519	20030519	99.92	99.8	99.86
6	4	224805210	20030519	20030519	99.92	99.97	99.88
6	4	224805211	20030519	20030519	99.9	99.85	99.91
6	4	224805212	20030519	20030519	100	100.08	99.95
6	4	224805213	20030519	20030519	99.91	100.29	99.93
6	4	224805214	20030519	20030519	99.94	99.82	99.9
6	4	224805215	20030519	20030519	100.02	100.17	100.14
6	4	224805216	20030519	20030519	100.12	100.28	99.88
6	4	224805217	20030519	20030519	100.01	100.41	100.05
6	4	224805218	20030519	20030519	99.97	100.33	99.98
6	4	224805219	20030519	20030519	100.04	99.94	100.1
6	4	224805221	20030519	20030519	99.95	99.96	100.13
6	4	224805223	20030519	20030519	100.04	99.89	99.91
6	4	224805224	20030519	20030519	100.04	100.22	100.14
6	4	224805225	20030519	20030519	100.1	99.92	100.1
6	4	224805226	20030519	20030519	99.93	100.1	100.05
6	4	224805227	20030519	20030519	99.89	99.78	99.97
6	4	224805228	20030519	20030519	100.11	100.11	99.95
6	4	224805229	20030519	20030519	99.9	99.9	99.95
6	4	224805230	20030519	20030519	99.92	100.06	100.02
6	4	224805231	20030519	20030519	100.12	100.39	100.13
6	4	224805232	20030519	20030519	100.02	100.06	100.08
6	4	224805233	20030519	20030519	99.94	100.23	99.89
6	4	224805234	20030519	20030519	99.97	100.32	99.95
6	4	224805235	20030519	20030519	100.06	100.28	100.03
6	4	224805236	20030519	20030519	100.01	100.12	99.99
6	4	224805237	20030519	20030519	99.99	99.99	99.97
6	4	224805238	20030519	20030519	100.07	100.07	100.01
6	4	224805239	20030519	20030519	99.98	100.21	99.94
6	4	224805240	20030519	20030519	100.02	100.1	100.11
6	4	224805241	20030519	20030519	100.03	100.28	100
6	4	224805242	20030519	20030519	99.94	100.09	100
6	4	224805243	20030519	20030519	99.98	100.03	100.04
6	4	224805244	20030519	20030519	100.08	100.14	99.99
6	4	224805245	20030519	20030519	99.88	99.97	99.99
6	4	224805246	20030519	20030519	100.04	100.15	100.07
6	4	224805247	20030519	20030519	99.87	99.86	100
6	4	224805248	20030519	20030519	100.07	100.12	100.02
6	4	224805249	20030519	20030519	100.01	99.83	99.93
6	4	224805250	20030519	20030519	99.97	99.75	100
6	4	224805251	20030519	20030519	99.94	100.3	99.97
6	4	224805252	20030519	20030519	100.01	99.93	100.12
6	4	224805253	20030519	20030519	100	100.22	100.1
6	4	224805254	20030519	20030519	100	100.22	100.1
6	4	224805255	20030519	20030519	100.01	99.85	100.04
6	4	224805256	20030519	20030519	99.98	99.85	100
6	4	224805257	20030519	20030519	100.08	100.23	100.07
6	4	224805258	20030519	20030519	99.92	99.96	99.92
6	4	224805259	20030519	20030519	99.88	99.55	99.96
6	4	224805260	20030519	20030519	100.01	100.07	99.9
6	4	224805261	20030519	20030519	99.92	99.72	99.91
6	4	224805262	20030519	20030519	100.05	100.25	100.14
6	4	224805263	20030519	20030519	100.07	99.75	100.03
6	4	224805264	20030519	20030519	100.07	100	100.14
6	4	224805265	20030519	20030519	100.01	100.11	100.04
6	4	224805266	20030519	20030519	99.96	100.06	99.93
6	4	224805267	20030519	20030519	100.05	99.79	99.91
6	4	224805268	20030519	20030519	100.03	100.06	99.94
6	4	224805269	20030519	20030519	99.93	99.91	100
6	4	224805270	20030519	20030519	100.01	99.94	100.08
6	4	224805271	20030519	20030519	100.13	100.36	100.03
6	4	224816312	20030328	20030319	99.92	100.06	100.05
6	4	224816313	20030328	20030319	99.86	99.59	99.91
6	4	224816314	20030328	20030319	99.92	99.69	99.9
6	4	224816315	20030328	20030319	100.02	99.87	100.03

6	4	224816316	20030328	20030319	99.99	100.32	99.92
6	4	224816317	20030328	20030319	100.1	100.01	99.94
6	4	224816318	20030328	20030319	99.94	99.88	99.92
6	4	224816319	20030328	20030319	100.02	99.71	100.04
6	4	224816320	20030328	20030319	100.03	99.73	99.88
6	4	224816321	20030328	20030319	100.07	99.58	99.95
6	4	224816322	20030328	20030319	100.04	100.08	100.09
6	4	224816323	20030328	20030319	100.06	100.03	99.9
6	4	224816324	20030328	20030319	99.96	99.59	99.91
6	4	224816325	20030328	20030319	100.11	100.01	100.06
6	4	224816326	20030328	20030319	99.93	99.89	100.14
6	4	224816327	20030328	20030319	100.06	100.01	100.14
6	4	224816328	20030328	20030319	100.02	100.04	100.04
6	4	224816329	20030328	20030319	99.94	99.41	99.96
6	4	224816330	20030328	20030319	100.11	100.01	100.06
6	4	224816331	20030328	20030319	100.08	100.39	100.05
6	4	224816332	20030328	20030319	100.08	99.81	100.13
6	4	224816333	20030328	20030319	99.92	99.9	99.99
6	4	224816334	20030328	20030319	100.08	99.73	99.98
6	4	224816335	20030328	20030319	100.01	100.38	100.01
6	4	224816336	20030328	20030319	100.01	99.9	99.99
6	4	224816337	20030328	20030319	99.99	100.47	100.14
6	4	224816338	20030328	20030319	100.02	99.75	99.89
6	4	224816339	20030328	20030319	100.07	100.2	99.94
6	4	224816340	20030328	20030319	99.93	100	100.06
6	4	224816341	20030328	20030319	100.11	99.99	100.13
6	4	224816342	20030328	20030319	100.01	100.25	99.91
6	4	224816343	20030328	20030319	99.91	99.88	99.96
6	4	224816344	20030328	20030319	100.01	99.66	99.89
6	4	224816345	20030328	20030319	100.06	99.85	99.99
6	4	224816346	20030328	20030319	99.88	99.5	99.91
6	4	224816347	20030328	20030319	99.97	99.81	100.07
6	4	224816348	20030328	20030319	100.11	99.92	99.99
6	4	224816349	20030328	20030319	99.86	99.86	99.9
6	4	224816350	20030328	20030319	100.02	99.85	99.88
6	4	224816351	20030328	20030319	99.92	99.74	99.95
6	4	224816352	20030328	20030319	99.99	99.69	100.13
6	4	224816353	20030328	20030319	100.05	100.27	100.03
6	4	224816354	20030328	20030319	99.92	99.79	99.99
6	4	224816355	20030328	20030319	100	99.81	100.02
6	4	224816356	20030328	20030319	100.1	99.39	99.98
6	4	224816357	20030328	20030319	99.96	100	99.87
6	4	224816358	20030328	20030319	99.94	99.81	99.98
6	4	224816359	20030328	20030319	99.94	99.81	99.98
6	4	224816360	20030328	20030319	99.87	99.75	100
6	4	224816361	20030328	20030319	99.92	99.65	99.96
6	4	224816362	20030328	20030319	100.07	99.97	100.11
6	4	224816363	20030328	20030319	99.94	99.4	99.99
6	4	224816364	20030328	20030319	99.88	99.53	100.08
6	4	224816365	20030328	20030319	99.97	99.86	99.97
6	4	224816366	20030328	20030319	100.07	99.97	99.94
6	4	224816367	20030328	20030319	99.99	99.59	99.87
6	4	224816368	20030328	20030319	100.13	100.01	100.03
6	4	224816369	20030328	20030319	100	99.66	99.87
6	4	224816370	20030328	20030319	99.97	99.52	99.89
6	4	224816371	20030328	20030319	100.05	99.78	99.89
6	4	224816372	20030328	20030319	99.95	99.52	100
6	4	224816373	20030328	20030319	100.07	100.14	100.05
6	4	224816374	20030328	20030319	100.02	99.6	100.1
6	4	224816375	20030328	20030319	100.06	99.68	99.99
6	4	224816376	20030328	20030319	100	99.65	99.94
6	4	224816377	20030328	20030319	100.03	99.4	99.99
6	4	224816378	20030328	20030319	100.05	100.03	99.97
6	4	224816379	20030328	20030319	100.14	100.28	100.1
6	4	224816380	20030328	20030319	100.01	99.69	100.11



6	4	224816381	20030328	20030319	100.01	99.77	100.04
6	4	224816382	20030328	20030319	100.04	99.89	100.01
6	4	224816383	20030328	20030319	100.11	100.26	100.09
6	4	224816384	20030328	20030319	100.01	100.03	100.06
6	4	224816385	20030328	20030319	100.06	99.73	100.12
6	4	224816386	20030328	20030319	99.88	99.82	100.06
6	4	224816387	20030328	20030319	100	99.72	99.89
6	4	224816388	20030328	20030319	99.97	99.98	100.07
6	4	224816389	20030328	20030319	100.08	100.04	99.9
6	4	224816390	20030328	20030319	99.92	99.63	99.99
6	4	224816391	20030328	20030319	99.94	99.86	99.97
6	4	224816392	20030328	20030319	100.06	99.41	99.99
6	4	224816393	20030328	20030319	100.08	99.88	99.99
6	4	224816394	20030328	20030319	100.03	99.74	100.12
6	4	224816395	20030328	20030319	99.93	99.6	99.9
6	4	224816396	20030328	20030319	100.03	99.74	100
6	4	224816397	20030328	20030319	100.02	99.64	100.14
6	4	224816398	20030328	20030319	99.99	100.01	100.06
6	4	224816399	20030328	20030319	100.14	99.95	99.95
6	4	224816400	20030328	20030319	99.87	99.46	100.14
6	4	224816401	20030328	20030319	100.02	99.81	99.94
6	4	224816402	20030328	20030319	100	99.86	100.07
6	4	224816403	20030328	20030319	99.94	99.95	100.04
6	4	224816404	20030328	20030319	100.02	99.81	99.94
6	4	224816405	20030328	20030319	99.93	99.5	99.93
6	4	224816406	20030328	20030319	100.08	100.4	99.9
6	4	224816407	20030328	20030319	100.06	99.86	100.02
6	4	224816504	20030328	20030319	99.99	100.07	99.9
6	4	224816505	20030328	20030319	99.99	100.3	100.09
6	4	224816506	20030328	20030319	99.92	99.92	99.89
6	4	224816507	20030328	20030319	100.01	99.72	100.01
6	4	224816509	20030328	20030319	99.96	100.02	100.08
6	4	224816512	20030328	20030319	99.93	99.77	99.86
6	4	224816514	20030328	20030319	99.94	100.02	99.92
6	4	224816515	20030328	20030319	100.14	99.84	99.9
6	4	224816516	20030328	20030319	99.94	99.57	99.89
6	4	224816517	20030328	20030319	100.02	99.96	100.03
6	4	224816518	20030328	20030319	100.01	100.17	100.01
6	4	224816519	20030328	20030319	100.11	100.22	100.04
6	4	224816521	20030328	20030319	99.89	99.78	99.99
6	4	224816522	20030328	20030319	100.09	99.66	99.97
6	4	224816523	20030328	20030319	100.14	99.74	100.13
6	4	224816524	20030328	20030319	100.1	100.01	99.89
6	4	224816526	20030328	20030319	100.01	99.39	100
6	4	224816532	20030328	20030319	100.11	99.92	100.12
6	4	224816534	20030328	20030319	100	99.61	99.87
6	4	224816535	20030328	20030319	99.92	100.13	100.05
6	4	224816537	20030328	20030319	100.08	100.24	100.04
6	4	224816538	20030328	20030319	99.91	99.93	99.96
6	4	224816539	20030328	20030319	100.12	100.2	100.12
6	4	224816540	20030328	20030319	100.06	99.98	100.09
6	4	224816541	20030328	20030319	99.96	99.87	100.02
6	4	224816542	20030328	20030319	100.01	99.66	99.98
6	4	224816543	20030328	20030319	100.02	100.05	100.03
6	4	224816545	20030328	20030319	100.01	99.67	100.01
6	4	224816548	20030328	20030319	100.14	99.88	99.86
6	4	224816549	20030328	20030319	100.07	99.81	100.08
6	4	224816550	20030328	20030319	100.07	99.92	99.93
6	4	224816551	20030328	20030319	99.97	99.93	100.01
6	4	224816552	20030328	20030319	100.01	99.94	100.08
6	4	224816553	20030328	20030319	99.87	100.07	100.06
6	4	224816554	20030328	20030319	100.04	99.69	100.04
6	4	224816558	20030328	20030319	100.1	99.74	100.11
6	4	224816559	20030328	20030319	99.88	99.71	99.91
6	4	224816561	20030328	20030319	99.91	99.74	100.12

6	4	224816562	20030328	20030319	99.99	99.65	99.91
6	4	224816563	20030328	20030319	100.06	100.13	100.01
6	4	224816564	20030328	20030319	100.14	100.2	100.1
6	4	224816566	20030328	20030319	100	99.9	99.9
6	4	224816572	20030328	20030319	100.09	100.34	100.01
6	4	224816573	20030328	20030319	100.07	100.06	100.12
6	4	224816574	20030328	20030319	99.94	99.97	99.97
6	4	224816575	20030328	20030319	100.1	99.93	99.87
6	4	224816576	20030328	20030319	99.88	99.57	99.87
6	4	224816577	20030328	20030319	100.04	100.02	100.07
6	4	224816579	20030328	20030319	100.04	99.93	99.9
6	4	224816581	20030328	20030319	100.1	99.78	99.98
6	4	224816582	20030328	20030319	100.1	100.01	100.09
6	4	224816583	20030328	20030319	100.01	99.52	99.9
6	4	224816584	20030328	20030319	100.1	99.53	99.96
6	4	224816585	20030328	20030319	99.99	99.6	99.94
6	4	224816586	20030328	20030319	99.98	99.95	99.94
6	4	224816587	20030328	20030319	99.95	99.69	99.88
6	4	224816588	20030328	20030319	99.93	99.85	99.86
6	4	224816589	20030328	20030319	99.99	99.75	99.94
6	4	224816590	20030328	20030319	99.94	99.81	100.1
6	4	224816591	20030328	20030319	99.96	99.98	99.97
6	4	224816592	20030328	20030319	100.13	100.12	99.92
6	4	224816594	20030328	20030319	99.92	99.46	99.99
6	4	224816595	20030328	20030319	99.89	99.58	99.94
6	4	224816596	20030328	20030319	100.12	99.63	100.01
6	4	224816598	20030328	20030319	100.1	100.1	99.98
6	4	224816599	20030328	20030319	99.97	99.89	100.09
6	4	224816920	20030328	20030319	100.09	99.88	99.92
6	4	224816921	20030328	20030319	100.07	99.71	99.99
6	4	224816922	20030328	20030319	99.9	99.54	99.91
6	4	224816923	20030328	20030319	99.9	99.53	99.94
6	4	224816924	20030328	20030319	100.02	100.02	99.94
6	4	224816925	20030328	20030319	99.91	99.77	99.91
6	4	224816926	20030328	20030319	100.01	99.53	99.91
6	4	224816927	20030328	20030319	100.11	99.82	99.96
6	4	224816928	20030328	20030319	99.89	99.77	100.02
6	4	224816929	20030328	20030319	99.92	99.83	99.93
6	4	224816930	20030328	20030319	100.02	99.48	99.94
6	4	224816931	20030328	20030319	100.02	99.92	99.97
6	4	224816932	20030328	20030319	99.99	99.96	100.14
6	4	224816933	20030328	20030319	100.06	99.8	99.93
6	4	224816935	20030328	20030319	99.89	99.58	99.91
6	4	224816936	20030328	20030319	99.92	99.85	99.94
6	4	224816937	20030328	20030319	100.01	99.9	99.94
6	4	224816938	20030328	20030319	100.1	99.98	99.9
6	4	224816939	20030328	20030319	100.09	100.15	100.1
6	4	224816940	20030328	20030319	100.05	99.99	99.99
6	4	224816941	20030328	20030319	100.1	99.94	100.02
6	4	224816942	20030328	20030319	99.94	99.88	99.88
6	4	224816943	20030328	20030319	99.88	99.89	100.06
6	4	224816944	20030328	20030319	100.01	99.75	99.88
6	4	224816945	20030328	20030319	99.94	99.7	99.99
6	4	224816946	20030328	20030319	100.12	100.14	100.03
6	4	224816947	20030328	20030319	99.89	99.78	100.1
6	4	224816948	20030328	20030319	100.07	100.07	100.09
6	4	224816949	20030328	20030319	99.88	99.77	100.03
6	4	224816950	20030328	20030319	100.07	99.86	100.14
6	4	224816951	20030328	20030319	99.98	99.67	100.11
6	4	224816952	20030328	20030319	99.91	99.88	99.92
6	4	224816953	20030328	20030319	100.05	99.68	100.09
6	4	224816954	20030328	20030319	99.99	100	99.98
6	4	224816955	20030328	20030319	100.03	100	99.98
6	4	224816956	20030328	20030319	100.03	100.08	100.04
6	4	224816957	20030328	20030319	99.9	100.21	100.04

6	4	224816958	20030328	20030319	100.02	99.64	99.98
6	4	224816959	20030328	20030319	100.14	99.99	100.07
6	4	224816960	20030328	20030319	99.99	100	100.03
6	4	224816961	20030328	20030319	99.99	99.45	100.02
6	4	224816962	20030328	20030319	100.06	99.89	100
6	4	224816963	20030328	20030319	100.02	99.68	100.06
6	4	224816964	20030328	20030319	100.13	99.94	99.98
6	4	224816965	20030328	20030319	99.96	99.41	99.99
6	4	224816966	20030328	20030319	100.02	99.83	99.92
6	4	224816967	20030328	20030319	100.02	99.96	99.98
6	4	224816968	20030328	20030319	99.88	100.2	99.88
6	4	224816969	20030328	20030319	99.93	99.71	100.11
6	4	224816970	20030328	20030319	99.97	99.6	99.87
6	4	224816971	20030328	20030319	100.12	100.15	100.09
6	4	224816972	20030328	20030319	99.86	99.43	100.02
6	4	224816973	20030328	20030319	99.99	99.55	100.12
6	4	224816974	20030328	20030319	100.13	99.96	100.13
6	4	224816975	20030328	20030319	99.88	100.03	99.97
6	4	224816976	20030328	20030319	100.05	99.31	100.07
6	4	224816977	20030328	20030319	100.07	100.1	99.87
6	4	224816978	20030328	20030319	100.14	99.97	99.97
6	4	224816979	20030328	20030319	99.9	99.39	100
6	4	224816980	20030328	20030319	100.05	99.71	100.11
6	4	224816981	20030328	20030319	99.93	99.72	99.91
6	4	224816982	20030328	20030319	100.05	99.67	100.13
6	4	224816983	20030328	20030319	100.04	99.97	99.86
6	4	224817176	20030328	20030319	99.88	99.84	99.99
6	4	224817177	20030328	20030319	99.89	99.63	99.96
6	4	224817178	20030328	20030319	99.93	99.59	100.03
6	4	224817179	20030328	20030319	99.95	100.13	100.09
6	4	224817180	20030328	20030319	99.93	99.6	100.05
6	4	224817181	20030328	20030319	99.97	99.89	100.02
6	4	224817182	20030328	20030319	100	99.82	100.01
6	4	224817183	20030328	20030319	100.03	99.94	100.1
6	4	224817184	20030328	20030319	100.04	99.73	100.07
6	4	224817185	20030328	20030319	99.97	99.69	99.93
6	4	224817186	20030328	20030319	100.02	99.46	100.04
6	4	224817187	20030328	20030319	99.98	99.6	100.07
6	4	224817188	20030328	20030319	100	99.71	100.14
6	4	224817189	20030328	20030319	100.05	99.75	99.95
6	4	224817190	20030328	20030319	100.04	100.01	100.06
6	4	224817191	20030328	20030319	99.95	100.08	100.03
6	4	224817192	20030328	20030319	99.97	99.9	99.96
6	4	224817193	20030328	20030319	100.12	100.15	100.12
6	4	224817194	20030328	20030319	100.02	99.74	99.91
6	4	224817195	20030328	20030319	99.99	99.81	100.03
6	4	224817196	20030328	20030319	100.01	99.75	100.06
6	4	224817197	20030328	20030319	99.97	99.75	100.12
6	4	224817198	20030328	20030319	99.87	99.72	99.92
6	4	224817199	20030328	20030319	99.96	99.96	100.01
6	4	224817200	20030328	20030319	100.13	100.02	100.14
6	4	224817201	20030328	20030319	99.98	99.92	100.1
6	4	224817202	20030328	20030319	100.05	100.01	100.09
6	4	224817203	20030328	20030319	100.06	99.84	100.03
6	4	224817204	20030328	20030319	100.08	100.02	100.09
6	4	224817205	20030328	20030319	100.04	99.61	99.91
6	4	224817206	20030328	20030319	99.9	99.89	99.99
6	4	224817207	20030328	20030319	99.91	99.84	99.99
6	4	224817208	20030328	20030319	99.98	99.85	99.99
6	4	224817209	20030328	20030319	99.96	100.39	100.01
6	4	224817210	20030328	20030319	100.12	100.09	100.08
6	4	224817211	20030328	20030319	100.03	99.75	100.02
6	4	224817212	20030328	20030319	99.86	99.61	99.93
6	4	224817213	20030328	20030319	99.96	99.81	100.02
6	4	224817214	20030328	20030319	100.06	99.82	99.98

6	4	224817215	20030328	20030319	100.03	99.79	100.11
6	4	224817216	20030328	20030319	100.06	99.95	100.11
6	4	224817217	20030328	20030319	100.11	100.06	99.93
6	4	224817218	20030328	20030319	100.07	99.91	100.02
6	4	224817219	20030328	20030319	100.13	99.92	99.96
6	4	224817220	20030328	20030319	100.04	100.07	100.1
6	4	224817221	20030328	20030319	99.94	99.62	99.92
6	4	224817222	20030328	20030319	100.01	99.64	99.92
6	4	224817223	20030328	20030319	99.99	99.6	99.93
6	4	224817224	20030328	20030319	99.95	99.84	99.88
6	4	224817225	20030328	20030319	100.01	99.87	99.89
6	4	224817226	20030328	20030319	99.98	99.92	99.89
6	4	224817227	20030328	20030319	99.9	99.84	99.88
6	4	224817228	20030328	20030319	99.95	100.19	100.02
6	4	224817229	20030328	20030319	99.98	99.59	99.94
6	4	224817230	20030328	20030319	100.05	99.84	100.14
6	4	224817231	20030328	20030319	100.05	99.81	100.01
6	4	224817232	20030328	20030319	100.02	99.59	100.03
6	4	224817233	20030328	20030319	100.01	99.78	100.1
6	4	224817234	20030328	20030319	100.13	100.14	100.13
6	4	224817235	20030328	20030319	100	99.76	99.95
6	4	224817236	20030328	20030319	99.98	100.07	99.87
6	4	224817237	20030328	20030319	99.96	99.79	99.99
6	4	224817238	20030328	20030319	99.95	99.7	99.91
6	4	224817239	20030328	20030319	100.11	100.21	100.07
6	4	224817240	20030328	20030319	100.04	99.96	100.06
6	4	224817241	20030328	20030319	99.9	99.65	100.03
6	4	224817242	20030328	20030319	100.04	99.7	100.03
6	4	224817243	20030328	20030319	99.91	100.1	99.92
6	4	224817244	20030328	20030319	100.11	99.91	100.12
6	4	224817245	20030328	20030319	99.93	99.94	99.92
6	4	224817246	20030328	20030319	99.95	99.97	100.06
6	4	224817247	20030328	20030319	100.03	99.54	99.93
6	4	224817248	20030328	20030319	100.03	99.93	100
6	4	224817249	20030328	20030319	99.93	99.96	99.94
6	4	224817250	20030328	20030319	100	100.12	99.93
6	4	224817251	20030328	20030319	100.05	99.68	100.03
6	4	224817252	20030328	20030319	99.97	99.42	99.98
6	4	224817253	20030328	20030319	100	99.82	100
6	4	224817254	20030328	20030319	99.99	100	100
6	4	224817255	20030328	20030319	100.13	100.46	100.14
6	4	224817256	20030328	20030319	100.05	99.84	99.99
6	4	224817257	20030328	20030319	100.01	99.98	99.93
6	4	224817258	20030328	20030319	100.05	99.77	99.86
6	4	224817259	20030328	20030319	99.96	99.57	99.97
6	4	224817260	20030328	20030319	99.89	99.61	99.94
6	4	224817261	20030328	20030319	99.99	99.5	100.09
6	4	224817262	20030328	20030319	100.07	100.07	99.91
6	4	224817263	20030328	20030319	100.02	99.82	99.96
6	4	224817264	20030328	20030319	100.06	99.85	100
6	4	224817265	20030328	20030319	100.05	100.23	99.95
6	4	224817266	20030328	20030319	100.14	100.04	100.04
6	4	224817267	20030328	20030319	100.05	100.37	100.08
6	4	224817268	20030328	20030319	99.91	99.89	99.86
6	4	224817269	20030328	20030319	100.11	100	99.94
6	4	224817270	20030328	20030319	100.05	99.72	100.01
6	4	224817271	20030328	20030319	99.99	99.9	99.91
6	4	224830424	20030423	20030331	100.01	99.79	100.08
6	4	224830425	20030423	20030331	99.99	99.73	100.14
6	4	224830426	20030423	20030331	99.98	100.59	100.14
6	4	224830427	20030423	20030331	100.01	100.14	100.07
6	4	224830428	20030423	20030331	100.02	100.37	99.99
6	4	224830429	20030423	20030331	100	99.9	100.09
6	4	224830430	20030423	20030331	99.91	99.93	99.86
6	4	224830431	20030423	20030331	100	99.99	99.99

6	4	224830432	20030423	20030331	100.04	100.09	99.99
6	4	224830433	20030423	20030331	99.97	100.19	99.94
6	4	224830434	20030423	20030331	99.97	100.1	99.92
6	4	224830435	20030423	20030331	99.96	100.09	100.11
6	4	224830436	20030423	20030331	99.98	99.92	99.9
6	4	224830437	20030423	20030331	100.13	100.29	99.95
6	4	224830438	20030423	20030331	100.05	100.12	99.89
6	4	224830439	20030423	20030331	100.08	100.27	100.13
6	4	224830440	20030423	20030331	100.06	99.89	100.06
6	4	224830441	20030423	20030331	99.92	99.93	100.14
6	4	224830442	20030423	20030331	100.13	100.56	100.11
6	4	224830443	20030423	20030331	100.02	99.86	100.04
6	4	224830444	20030423	20030331	100.14	100.07	100.02
6	4	224830445	20030423	20030331	100.12	100.46	100.12
6	4	224830446	20030423	20030331	100.1	100.28	100.07
6	4	224830447	20030423	20030331	100.05	100.29	100.02
6	4	224830448	20030423	20030331	100.07	99.98	100.07
6	4	224830449	20030423	20030331	99.89	99.63	99.86
6	4	224830450	20030423	20030331	99.94	100.01	100.02
6	4	224830451	20030423	20030331	100.03	100.18	100.11
6	4	224830452	20030423	20030331	99.98	100.02	100.02
6	4	224830453	20030423	20030331	100.09	100.12	100.03
6	4	224830454	20030423	20030331	100.09	99.95	100.05
6	4	224830455	20030423	20030331	100.03	99.69	100.06
6	4	224830456	20030423	20030331	100.04	100.22	100.13
6	4	224830457	20030423	20030331	100.03	99.64	99.98
6	4	224830458	20030423	20030331	99.98	99.76	100.07
6	4	224830459	20030423	20030331	100.08	100.21	99.95
6	4	224830460	20030423	20030331	99.96	100.01	100
6	4	224830461	20030423	20030331	99.88	99.68	100.05
6	4	224830462	20030423	20030331	100.02	100.06	100.12
6	4	224830463	20030423	20030331	100.01	99.75	100.05
6	4	224830464	20030423	20030331	100.04	99.9	99.99
6	4	224830465	20030423	20030331	100.13	100.21	100.07
6	4	224830466	20030423	20030331	100.04	99.98	99.94
6	4	224830467	20030423	20030331	100.01	99.93	99.86
6	4	224830468	20030423	20030331	100.02	100.23	99.93
6	4	224830469	20030423	20030331	100.1	100.28	99.98
6	4	224830470	20030423	20030331	100.07	99.67	100.05
6	4	224830471	20030423	20030331	100.06	99.88	99.97
6	4	224830472	20030423	20030331	99.95	100.05	99.88
6	4	224830473	20030423	20030331	100.08	99.75	100.04
6	4	224830474	20030423	20030331	100.02	100.17	100.08
6	4	224830475	20030423	20030331	99.91	100.2	99.89
6	4	224830476	20030423	20030331	99.88	100.36	100.14
6	4	224830477	20030423	20030331	100	100.07	99.89
6	4	224830479	20030423	20030331	99.96	99.52	100.08
6	4	224830480	20030423	20030331	100.1	99.79	100.11
6	4	224830481	20030423	20030331	100.01	99.96	99.98
6	4	224830482	20030423	20030331	99.96	100.17	100.08
6	4	224830483	20030423	20030331	100.1	100.38	100.05
6	4	224830484	20030423	20030331	99.92	99.47	100.02
6	4	224830485	20030423	20030331	99.94	100.1	100.11
6	4	224830486	20030423	20030331	99.99	100.29	99.97
6	4	224830487	20030423	20030331	99.87	100.21	100.07
6	4	224830488	20030423	20030331	99.97	100	99.95
6	4	224830489	20030423	20030331	100.07	100.14	99.9
6	4	224830490	20030423	20030331	100.01	100.17	100.1
6	4	224830491	20030423	20030331	100.02	100.06	100.14
6	4	224830492	20030423	20030331	99.95	100.03	100.14
6	4	224830493	20030423	20030331	99.99	100.3	99.92
6	4	224830494	20030423	20030331	100.09	100.34	100.12
6	4	224830495	20030423	20030331	99.98	100.14	100.01
6	4	224830496	20030423	20030331	99.87	100.23	99.94
6	4	224830497	20030423	20030331	99.97	100.28	100.04

6	4	224830498	20030423	20030331	100.01	99.96	99.87
6	4	224830499	20030423	20030331	100.06	100.01	100.01
6	4	224830500	20030423	20030331	99.95	99.78	100.05
6	4	224830501	20030423	20030331	100.05	100.41	99.91
6	4	224830502	20030423	20030331	100.13	99.86	99.87
6	4	224830503	20030423	20030331	100.03	100.26	99.94
6	4	224830504	20030423	20030331	100.05	100.17	99.98
6	4	224830505	20030423	20030331	100.07	100.07	100
6	4	224830506	20030423	20030331	100.08	99.98	100.07
6	4	224830507	20030423	20030331	99.95	100.25	99.94
6	4	224830508	20030423	20030331	100.09	99.97	100.06
6	4	224830509	20030423	20030331	100.02	100.19	99.96
6	4	224830510	20030423	20030331	99.98	100.09	100.05
6	4	224830511	20030423	20030331	99.94	100.07	100.04
6	4	224830512	20030423	20030331	100.12	99.96	100.09
6	4	224830513	20030423	20030331	99.95	99.91	99.86
6	4	224830514	20030423	20030331	99.92	100.01	100.01
6	4	224830515	20030423	20030331	99.98	100.17	99.91
6	4	224830516	20030423	20030331	100.04	100	99.94
6	4	224830517	20030423	20030331	100.03	100.12	99.96
6	4	224830518	20030423	20030331	100.03	100.29	100.03
6	4	224830519	20030423	20030331	100.05	99.85	100.05
6	4	224830520	20030423	20030331	99.91	99.4	99.92
6	4	224830521	20030423	20030331	99.97	99.88	100.1
6	4	224830522	20030423	20030331	99.9	99.78	99.9
6	4	224830523	20030423	20030331	100.01	100.08	100.13
6	4	224830524	20030423	20030331	100.07	99.96	100.06
6	4	224830525	20030423	20030331	100.1	100.28	100.07
6	4	224830526	20030423	20030331	100.1	99.98	100.01
6	4	224830527	20030423	20030331	100.05	100.4	99.89
6	4	224830528	20030423	20030331	99.93	99.83	99.9
6	4	224830529	20030423	20030331	100.01	99.92	99.95
6	4	224830530	20030423	20030331	100	99.98	100.1
6	4	224830531	20030423	20030331	99.96	99.84	100.04
6	4	224830532	20030423	20030331	100.14	100.26	100.12
6	4	224830533	20030423	20030331	99.97	99.88	100.05
6	4	224830534	20030423	20030331	99.93	99.53	99.87
6	4	224830535	20030423	20030331	100.06	100.17	100.14
6	4	224830536	20030423	20030331	100.03	99.84	100.01
6	4	224830537	20030423	20030331	100.06	99.99	100.06
6	4	224830538	20030423	20030331	99.93	99.75	99.86
6	4	224830539	20030423	20030331	99.89	99.68	99.99
6	4	224830540	20030423	20030331	99.96	100.34	100.14
6	4	224830541	20030423	20030331	99.93	99.66	99.99
6	4	224830542	20030423	20030331	99.99	100.11	100.09
6	4	224830543	20030423	20030331	99.99	99.51	99.97
6	4	224830544	20030423	20030331	99.95	99.91	100.02
6	4	224830545	20030423	20030331	99.88	99.68	99.88
6	4	224830546	20030423	20030331	100.03	100.15	100.08
6	4	224830547	20030423	20030331	100	100.14	99.93
6	4	224830548	20030423	20030331	99.94	99.98	100.09
6	4	224830549	20030423	20030331	100.13	99.72	100
6	4	224830550	20030423	20030331	99.94	99.98	100.09
6	4	224830552	20030423	20030331	99.98	99.88	100.02
6	4	224830553	20030423	20030331	99.99	99.63	99.97
6	4	224830554	20030423	20030331	100.07	100.13	99.99
6	4	224830555	20030423	20030331	100.12	99.87	99.94
6	4	224830556	20030423	20030331	99.93	99.65	99.98
6	4	224830557	20030423	20030331	99.94	99.87	99.99
6	4	224830558	20030423	20030331	99.94	100.16	100.08
6	4	224830559	20030423	20030331	99.91	99.85	99.92
6	4	224830560	20030423	20030331	100.11	99.91	100.01
6	4	224830561	20030423	20030331	99.99	99.89	100.13
6	4	224830562	20030423	20030331	100.1	100.44	99.87
6	4	224830563	20030423	20030331	99.95	99.77	100.09

6	4	224830564	20030423	20030331	100.02	99.96	100.14
6	4	224830565	20030423	20030331	99.96	100.08	99.97
6	4	224830566	20030423	20030331	100.02	99.92	100.09
6	4	224830567	20030423	20030331	100.04	100.03	99.99
6	4	224830568	20030423	20030331	100	100.24	100.05
6	4	224830569	20030423	20030331	100.04	99.96	100.06
6	4	224830570	20030423	20030331	100.09	99.74	100.05
6	4	224830571	20030423	20030331	99.93	99.91	99.87
6	4	224830572	20030423	20030331	100.08	99.68	100.07
6	4	224830573	20030423	20030331	99.99	99.99	99.97
6	4	224830574	20030423	20030331	100.07	100.06	100.06
6	4	224830575	20030423	20030331	99.99	99.99	100
6	4	224830576	20030423	20030331	99.96	100	100.05
6	4	224830577	20030423	20030331	99.97	99.52	100.05
6	4	224830578	20030423	20030331	100.01	99.81	100.14
6	4	224830579	20030423	20030331	100.13	100.15	100.05
6	4	224830580	20030423	20030331	100.05	100.07	100.05
6	4	224830581	20030423	20030331	100.02	100.54	100.03
6	4	224830582	20030423	20030331	100.07	99.67	100.05
6	4	224830583	20030423	20030331	99.95	99.57	99.89
6	4	224830584	20030423	20030331	100.13	99.96	100.04
6	4	224830585	20030423	20030331	99.96	99.82	100.01
6	4	224830586	20030423	20030331	100.02	100.36	99.94
6	4	224830587	20030423	20030331	100.01	99.99	99.95
6	4	224830588	20030423	20030331	100.06	100.28	99.98
6	4	224830589	20030423	20030331	100.06	100.01	100.1
6	4	224830590	20030423	20030331	99.91	99.98	99.87
6	4	224830591	20030423	20030331	99.98	100.34	100.03
6	4	224830592	20030423	20030331	100	100.1	100.07
6	4	224830593	20030423	20030331	99.93	99.89	99.89
6	4	224830594	20030423	20030331	100.02	100.25	100.1
6	4	224830595	20030423	20030331	99.99	100.12	100.06
6	4	224830596	20030423	20030331	100.04	100.15	99.93
6	4	224830597	20030423	20030331	100.03	100	100.14
6	4	224830598	20030423	20030331	100.04	100.38	100.11
6	4	224830599	20030423	20030331	99.94	100.17	100.09
6	4	224830600	20030423	20030331	99.98	99.89	100.1
6	4	224830602	20030423	20030331	100	100.13	100.03
6	4	224830604	20030423	20030331	100.06	100.01	100.1
6	4	224830605	20030423	20030331	100	99.88	100.12
6	4	224830606	20030423	20030331	99.96	99.83	99.98
6	4	224830607	20030423	20030331	100.01	99.98	100.11
6	4	224830608	20030423	20030331	100.14	99.31	100.13
6	4	224830609	20030423	20030331	99.99	100.09	99.99
6	4	224830610	20030423	20030331	100.02	100.11	99.87
6	4	224830611	20030423	20030331	100.12	99.97	99.98
6	4	224830612	20030423	20030331	100.07	99.94	100.1
6	4	224830613	20030423	20030331	100.11	99.83	100.07
6	4	224830614	20030423	20030331	99.94	99.56	99.97
6	4	224830615	20030423	20030331	99.9	99.94	99.93
6	4	224830616	20030527	20030506	100.06	99.69	100.09
6	4	224830617	20030527	20030506	100.03	100.09	99.93
6	4	224830618	20030527	20030506	99.98	99.98	99.97
6	4	224830619	20030527	20030506	100.12	99.72	100.02
6	4	224830620	20030527	20030506	99.95	100	100.05
6	4	224830621	20030527	20030506	99.93	99.9	100.1
6	4	224830622	20030527	20030506	99.95	99.7	99.89
6	4	224830623	20030527	20030506	100.11	99.95	99.96
6	4	224830624	20030527	20030506	99.88	100.1	99.99
6	4	224830625	20030527	20030506	100.01	99.91	100.04
6	4	224830626	20030527	20030507	100.01	100.3	100.09
6	4	224830627	20030527	20030506	99.97	100	99.99
6	4	224830628	20030527	20030506	99.97	99.7	100.02
6	4	224830629	20030527	20030506	100.04	99.95	100.08
6	4	224830630	20030527	20030506	99.99	99.68	99.97

6	4	224830631	20030527	20030506	100	99.76	99.89
6	4	224830632	20030527	20030506	100.06	100.28	100.1
6	4	224830633	20030527	20030506	100.05	100.04	99.96
6	4	224830634	20030527	20030506	100.06	99.86	100.02
6	4	224830635	20030527	20030506	99.98	99.79	100.01
6	4	224830636	20030527	20030506	100.12	99.74	100.1
6	4	224830637	20030527	20030506	100.01	99.83	99.99
6	4	224830638	20030527	20030506	100.05	99.72	99.94
6	4	224830639	20030527	20030506	100.09	100	100.02
6	4	224830640	20030527	20030506	99.92	99.82	99.97
6	4	224830641	20030527	20030506	100.05	99.74	100.09
6	4	224830642	20030527	20030506	100.14	100.09	99.99
6	4	224830643	20030527	20030506	99.92	99.98	100
6	4	224830644	20030527	20030506	100.04	100.1	99.96
6	4	224830645	20030527	20030506	100	99.9	99.96
6	4	224830646	20030527	20030506	100.09	99.88	100.14
6	4	224830647	20030527	20030506	100.02	99.98	100.1
6	4	224830648	20030527	20030506	100.04	99.71	99.94
6	4	224830649	20030527	20030506	99.97	99.65	99.92
6	4	224830650	20030527	20030506	100.1	99.94	99.91
6	4	224830651	20030527	20030506	100.13	100.02	100.1
6	4	224830652	20030527	20030506	99.96	99.91	99.92
6	4	224830653	20030527	20030506	100.07	99.88	99.97
6	4	224830654	20030527	20030506	99.9	99.63	99.9
6	4	224830655	20030527	20030506	100.07	100.04	100.09
6	4	224830656	20030527	20030506	100.02	100.05	100.12
6	4	224830657	20030527	20030506	100.03	100.23	99.95
6	4	224830658	20030527	20030506	100.09	100.19	100.02
6	4	224830659	20030527	20030506	99.98	100.37	99.93
6	4	224830660	20030527	20030506	99.92	99.65	99.95
6	4	224830661	20030527	20030506	100.1	100.04	99.99
6	4	224830662	20030527	20030506	100.01	99.88	99.87
6	4	224830663	20030527	20030506	100.01	99.86	99.92
6	4	224830664	20030527	20030506	100.04	99.72	100.1
6	4	224830665	20030527	20030506	100.11	100.01	100.05
6	4	224830666	20030527	20030506	99.97	100.28	100.11
6	4	224830667	20030527	20030506	99.95	99.96	100
6	4	224830668	20030527	20030506	100.09	100.15	99.98
6	4	224830669	20030527	20030506	100.03	100.12	100.01
6	4	224830670	20030527	20030506	99.95	100.01	100.09
6	4	224830671	20030527	20030506	100.05	100.06	100.08
6	4	224830672	20030527	20030506	99.95	100.33	100.01
6	4	224830673	20030527	20030506	100.01	99.94	99.99
6	4	224830674	20030527	20030506	99.92	100	99.92
6	4	224830675	20030527	20030506	99.94	99.98	99.99
6	4	224830676	20030527	20030506	99.99	100.17	99.9
6	4	224830677	20030527	20030506	100.03	100.19	99.92
6	4	224830678	20030527	20030506	100.05	100.12	100.06
6	4	224830679	20030527	20030506	100.01	100.54	100.03
6	4	224830680	20030527	20030506	100.03	100.23	100.12
6	4	224830681	20030527	20030506	100.08	99.99	100.07
6	4	224830682	20030527	20030506	99.97	99.95	100.14
6	4	224830683	20030527	20030506	100.06	100.02	100.04
6	4	224830685	20030527	20030506	100.11	100.12	99.9
6	4	224830686	20030527	20030506	100.04	100.14	100
6	4	224830687	20030527	20030506	100	100.14	100.06
6	4	224830688	20030527	20030506	99.99	100.01	100.14
6	4	224830689	20030527	20030506	100.04	99.97	99.98
6	4	224830690	20030527	20030506	100.14	100.01	100.04
6	4	224830691	20030527	20030506	100.14	100.01	100.04
6	4	224830692	20030527	20030506	99.97	100.01	99.97
6	4	224830693	20030527	20030506	100	99.94	100.03
6	4	224830694	20030527	20030506	100.1	100.27	99.94
6	4	224830695	20030527	20030506	100	100.2	99.87
6	4	224830697	20030527	20030506	100.05	99.95	100



6	4	224830699	20030527	20030506	99.9	100.26	99.9
6	4	224830700	20030527	20030506	100.02	99.83	100.04
6	4	224830701	20030527	20030506	99.99	99.9	100.05
6	4	224830702	20030527	20030506	100.01	99.84	99.93
6	4	224830703	20030527	20030506	100.07	100.04	100.06
6	4	224830704	20030527	20030506	99.98	99.61	100.08
6	4	224830705	20030527	20030506	100.1	99.89	99.94
6	4	224830706	20030527	20030506	99.9	99.96	100.06
6	4	224830707	20030527	20030506	100.03	100.23	100.01
6	4	224830708	20030527	20030506	99.93	99.92	99.92
6	4	224830709	20030527	20030506	100.09	99.72	100.04
6	4	224830710	20030527	20030506	100.05	99.71	99.92
6	4	224830711	20030527	20030506	99.97	100.24	100.04
6	4	224830712	20030527	20030506	100.11	100.06	99.95
6	4	224830713	20030527	20030506	100.09	99.57	100.14
6	4	224830714	20030527	20030506	99.99	99.92	100.02
6	4	224830715	20030527	20030506	99.9	99.63	100.09
6	4	224830716	20030527	20030506	100.05	99.88	100.07
6	4	224830717	20030527	20030506	100.01	99.86	99.86
6	4	224830718	20030527	20030506	100.04	99.91	99.86
6	4	224830719	20030527	20030506	99.91	99.88	99.88
6	4	224830720	20030527	20030506	99.86	100.2	100.08
6	4	224830721	20030527	20030506	100.04	99.88	99.99
6	4	224830722	20030527	20030506	100.02	99.99	100.01
6	4	224830723	20030527	20030506	100.13	99.9	100.03
6	4	224830724	20030527	20030506	99.9	99.55	100.02
6	4	224830725	20030527	20030506	100.12	100.06	100.13
6	4	224830726	20030527	20030506	100.06	100.1	100.02
6	4	224830727	20030527	20030506	100.02	100.02	99.93
6	4	224830728	20030527	20030506	100.01	99.81	100.13
6	4	224830729	20030527	20030506	99.96	99.88	99.98
6	4	224830730	20030527	20030506	100.01	99.75	99.98
6	4	224830731	20030527	20030506	100.06	100.11	100.03
6	4	224830732	20030527	20030506	100.14	100.29	100.09
6	4	224830733	20030527	20030506	100.01	100.08	99.87
6	4	224830734	20030527	20030506	99.99	100.32	100.04
6	4	224830735	20030527	20030506	99.91	99.88	99.87
6	4	224830736	20030527	20030506	100.04	100.22	100.05
6	4	224830737	20030527	20030506	99.99	100.09	99.99
6	4	224830738	20030527	20030506	100.02	99.99	99.87
6	4	224830739	20030527	20030506	99.96	99.85	100
6	4	224830740	20030527	20030506	100.04	100.16	100.01
6	4	224830741	20030527	20030506	99.99	99.97	99.99
6	4	224830742	20030527	20030506	100.13	100.38	100.13
6	4	224830743	20030527	20030506	99.86	100.12	99.89
6	4	224830744	20030527	20030506	99.95	99.86	99.94
6	4	224830745	20030527	20030506	100	100.2	100.02
6	4	224830746	20030527	20030506	100.07	100.2	100.1
6	4	224830747	20030527	20030506	100.04	99.81	99.92
6	4	224830748	20030527	20030506	99.95	99.99	100
6	4	224830749	20030527	20030506	100.04	100.35	99.96
6	4	224830750	20030527	20030506	100	99.77	100.11
6	4	224830751	20030527	20030506	100	99.77	100.11
6	4	224830752	20030527	20030506	99.98	100.44	100.11
6	4	224830753	20030527	20030506	99.99	100	100.14
6	4	224830754	20030527	20030506	100.04	100.02	100.11
6	4	224830755	20030527	20030506	99.9	99.7	99.95
6	4	224830756	20030527	20030506	100.03	100.08	100.04
6	4	224830757	20030527	20030506	99.99	100.13	99.9
6	4	224830758	20030527	20030506	100.08	100.14	100.14
6	4	224830759	20030527	20030506	100.1	99.95	99.9
6	4	224830760	20030527	20030506	99.86	99.91	99.93
6	4	224830761	20030527	20030506	99.98	100.09	99.93
6	4	224830762	20030527	20030506	100.1	99.5	100.01
6	4	224830763	20030527	20030506	99.97	100.04	99.94

6	4	224830764	20030527	20030506	100.02	99.86	99.87
6	4	224830765	20030527	20030506	100.06	99.87	99.87
6	4	224830766	20030527	20030506	100.03	100.22	100.11
6	4	224830767	20030527	20030506	99.93	99.78	100
6	4	224830768	20030527	20030506	100.11	100.16	100.07
6	4	224830769	20030527	20030506	100.13	100.52	99.95
6	4	224830770	20030527	20030506	100.11	100.53	100.14
6	4	224830771	20030527	20030506	99.88	99.84	99.87
6	4	224830772	20030527	20030506	99.88	99.99	100.06
6	4	224830773	20030527	20030506	99.97	99.82	100.07
6	4	224830774	20030527	20030506	99.96	100.35	100.02
6	4	224830775	20030527	20030506	100.04	100.12	100.07
6	4	224830777	20030527	20030506	99.9	99.66	99.87
6	4	224830778	20030527	20030506	99.99	100.06	99.87
6	4	224830779	20030527	20030506	100.04	100.33	100.13
6	4	224830780	20030527	20030506	99.93	100.03	99.97
6	4	224830781	20030527	20030506	100.01	100.03	99.98
6	4	224830782	20030527	20030506	100	99.52	100.12
6	4	224830783	20030527	20030506	100	99.69	100.13
6	4	224830784	20030527	20030506	100.11	100.28	99.88
6	4	224830785	20030527	20030506	100.09	100.07	100.11
6	4	224830786	20030527	20030506	100.01	99.77	99.94
6	4	224830787	20030527	20030506	99.98	100.23	100.01
6	4	224830788	20030527	20030506	100.02	100.16	99.87
6	4	224830789	20030527	20030506	99.92	100.08	100.12
6	4	224830790	20030527	20030506	100.14	100.12	99.96
6	4	224830791	20030527	20030506	100	99.96	100.13
6	4	224830792	20030527	20030506	100	100.23	100.06
6	4	224830793	20030527	20030506	99.97	99.93	100.09
6	4	224830794	20030527	20030506	100.13	100.03	100.13
6	4	224830795	20030527	20030506	100.03	100.3	100.02
6	4	224830796	20030527	20030506	99.98	99.85	100.09
6	4	224830797	20030527	20030506	100.02	99.73	100.1
6	4	224830798	20030527	20030506	99.96	99.9	100.14
6	4	224830799	20030527	20030506	100.06	100.41	100.05
6	4	224830800	20030527	20030506	100.01	99.97	99.91
6	4	224830801	20030527	20030506	99.97	100	100.05
6	4	224830802	20030527	20030506	99.97	99.9	100.05
6	4	224830803	20030527	20030506	99.98	100.01	100.06
6	4	224830804	20030527	20030506	100.14	100.18	99.97
6	4	224830805	20030527	20030506	100	100.02	100.14
6	4	224830806	20030527	20030506	100.01	99.89	100.12
6	4	224830807	20030527	20030506	99.88	100.08	100.05
6	4	224974921	20031007	20030919	100	100.04	100.09
6	4	224974922	20031007	20030919	99.95	99.91	100.03
6	4	224974923	20031007	20030919	99.88	99.91	100.01
6	4	224974924	20031007	20030919	100.12	100.15	99.94
6	4	224974925	20031007	20030919	100.04	100.05	100.1
6	4	224974926	20031007	20030919	100.04	99.97	99.91
6	4	224974927	20031007	20030919	100.01	99.99	99.97
6	4	224974928	20031007	20030919	100.09	100.14	99.93
6	4	224975381	20031007	20030919	100.01	100.3	100.14
6	4	224975382	20031007	20030919	100.11	99.86	100.03
6	4	224975383	20031007	20030919	100.03	100.03	100.06
6	4	224975384	20031007	20030919	100.07	99.92	99.96
6	4	224981673	20030723	20030628	100.05	100.21	100.12
6	4	224981674	20030723	20030628	99.96	100.19	99.91
6	4	224981675	20030723	20030628	99.99	100.29	100.03
6	4	224981676	20030723	20030628	100.11	100.32	100.06
6	4	224981677	20030723	20030628	100.1	100.09	100.04
6	4	224981678	20030723	20030628	99.98	99.84	99.94
6	4	224981679	20030723	20030628	99.88	100.05	99.87
6	4	224981680	20030723	20030628	100.02	99.94	99.97
6	4	224981681	20030723	20030628	100.02	99.87	99.99
6	4	224981682	20030723	20030628	99.95	99.71	100.04

6	4	224981683	20030723	20030628	99.92	100.44	100.05
6	4	224981684	20030723	20030628	99.95	100.02	100.07
6	4	224981685	20030723	20030628	100.03	100.31	100.01
6	4	224981686	20030723	20030628	100.12	100.41	100.02
6	4	224981687	20030723	20030628	100.05	100.51	100.02
6	4	224981688	20030723	20030628	99.93	100.09	100.01
6	4	224981689	20030723	20030628	100.01	100.46	100.11
6	4	224981690	20030723	20030628	99.94	100.52	99.97
6	4	224981691	20030723	20030628	99.98	99.9	100.06
6	4	224981692	20030723	20030628	100.12	100.08	100.09
6	4	224981693	20030723	20030628	100.07	100.31	99.88
6	4	224981694	20030723	20030628	99.99	100.03	99.86
6	4	224981695	20030723	20030628	100.05	100.51	100.02
6	4	224981696	20030723	20030628	99.98	100.52	99.95
6	4	224981697	20030723	20030628	100.09	100.24	100.1
6	4	224981698	20030723	20030628	100.08	100.43	100.12
6	4	224981699	20030723	20030628	99.98	100.38	100.05
6	4	224981700	20030723	20030628	99.94	100.16	99.93
6	4	224981701	20030723	20030628	100.01	100.16	100.05
6	4	224981702	20030723	20030628	100.03	100.32	99.89
6	4	224981703	20030723	20030628	99.91	100.42	100.08
6	4	224981704	20030723	20030628	99.93	99.96	99.93
6	4	224981705	20030723	20030628	99.96	99.88	99.94
6	4	224981706	20030723	20030628	100.05	100.26	100.09
6	4	224981707	20030723	20030628	99.98	99.81	100.02
6	4	224981708	20030723	20030628	100.05	100.14	100.05
6	4	224981709	20030723	20030628	100.04	99.97	99.95
6	4	224981710	20030723	20030628	100	100.31	100.01
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6	4	224981712	20030723	20030628	99.93	100.28	100.07
6	4	224981713	20030723	20030628	99.86	100.02	99.99
6	4	224981714	20030723	20030628	100.04	99.77	100.07
6	4	224981715	20030723	20030628	100.03	99.84	99.88
6	4	224981716	20030723	20030628	99.87	99.63	99.93
6	4	224981719	20030723	20030628	99.91	100.11	99.86
6	4	224981721	20030723	20030628	99.97	100.1	99.96
6	4	224981722	20030723	20030628	100.06	100.3	99.97
6	4	224981723	20030723	20030628	99.95	99.9	100.02
6	4	224981724	20030723	20030628	100.03	100.35	100.07
6	4	224981725	20030723	20030628	99.92	100.14	99.92
6	4	224981726	20030723	20030628	100.09	99.98	100.05
6	4	224981727	20030723	20030628	99.91	99.86	99.91
6	4	224981728	20030723	20030628	99.97	99.61	100.03
6	4	224981729	20030723	20030628	99.87	99.62	99.93
6	4	224981730	20030723	20030628	100.03	100.14	100.04
6	4	224981731	20030723	20030628	100.03	100.14	100.04
6	4	224981732	20030723	20030628	100.12	100.21	100.12
6	4	224981733	20030723	20030628	100.04	100.25	100.08
6	4	224981734	20030723	20030628	100	100	99.98
6	4	224981735	20030723	20030628	99.97	99.94	99.91
6	4	224981736	20030723	20030628	100.14	99.95	99.97
6	4	224981737	20030723	20030628	99.95	99.94	99.89
6	4	224981738	20030723	20030628	99.96	100.44	100.03
6	4	224981739	20030723	20030628	100.01	99.8	99.94
6	4	224981740	20030723	20030628	100.04	100.16	100.02
6	4	224981741	20030723	20030628	99.95	100.01	100.06
6	4	224981742	20030723	20030628	99.99	99.95	99.91
6	4	224981743	20030723	20030628	100.06	100.11	99.94
6	4	224981744	20030723	20030628	100.06	100.11	99.94
6	4	224981745	20030723	20030628	99.99	99.86	99.88
6	4	224981746	20030723	20030628	99.99	100.01	99.99
6	4	224981747	20030723	20030628	99.89	100.18	100.05
6	4	224981748	20030723	20030628	100.13	100	99.98
6	4	224981749	20030723	20030628	100.1	100.49	99.99
6	4	224981750	20030723	20030628	100.03	100.36	100.11

6	4	224981751	20030723	20030628	99.99	99.92	99.87
6	4	224981752	20030723	20030628	100.13	100.12	99.96
6	4	224981753	20030723	20030628	99.97	99.69	100
6	4	224981754	20030723	20030628	99.88	99.84	100.1
6	4	224981755	20030723	20030628	100	100.1	100.08
6	4	224981756	20030723	20030628	99.98	100.08	99.91
6	4	224981757	20030723	20030628	100.04	100.35	100.14
6	4	224981758	20030723	20030628	99.9	100.09	100.01
6	4	224981759	20030723	20030628	100.02	100.33	100
6	4	224981760	20030723	20030628	99.97	99.81	99.97
6	4	224981761	20030723	20030628	100.05	100.04	99.88
6	4	224981762	20030723	20030628	99.95	100.07	100.11
6	4	224981763	20030723	20030628	99.98	99.93	100.09
6	4	224981764	20030723	20030628	100.05	99.4	99.93
6	4	224981765	20030723	20030628	100.1	99.93	100.13
6	4	224981766	20030723	20030628	99.89	99.99	99.98
6	4	224981767	20030723	20030628	99.91	100.06	99.96
6	4	224981768	20030723	20030628	99.86	100.25	99.91
6	4	224981769	20030723	20030628	100.06	100.04	100.02
6	4	224981770	20030723	20030628	100.04	100.53	100.08
6	4	224981771	20030723	20030628	99.99	100.37	99.92
6	4	224981772	20030723	20030628	100.11	100.21	100.07
6	4	224981773	20030723	20030628	100.01	100.58	100.14
6	4	224981774	20030723	20030628	99.86	100.25	99.91
6	4	224981775	20030723	20030628	99.86	100.57	99.89
6	4	224981776	20030723	20030628	99.96	99.88	100
6	4	224981777	20030723	20030628	100.04	100.07	99.91
6	4	224981778	20030723	20030628	99.99	99.87	100.06
6	4	224981779	20030723	20030628	100.12	99.83	99.98
6	4	224981780	20030723	20030628	100.02	100.24	100.08
6	4	224981781	20030723	20030628	100	100.2	100.13
6	4	224981782	20030723	20030628	99.97	99.99	100.08
6	4	224981783	20030723	20030628	100	100.52	100.11
6	4	224981784	20030723	20030628	99.93	99.89	99.86
6	4	224981785	20030723	20030628	100.08	99.96	99.87
6	4	224981786	20030723	20030628	100.03	100.33	100.02
6	4	224981787	20030723	20030628	100.03	100.01	99.99
6	4	224981788	20030723	20030628	99.96	100.14	100.06
6	4	224981789	20030723	20030628	99.96	100.31	100.13
6	4	224981790	20030723	20030628	100.1	100.17	100.11
6	4	224981791	20030723	20030628	100.04	100.25	100.07
6	4	224981792	20030723	20030628	99.98	100.16	100.12
6	4	224981793	20030723	20030628	99.89	99.64	100.05
6	4	224981794	20030723	20030628	99.88	100.38	100.09
6	4	224981795	20030723	20030628	100.02	100.36	100.05
6	4	224981796	20030723	20030628	100.11	100.25	100.06
6	4	224981797	20030723	20030628	100.11	100.22	100.02
6	4	224981798	20030723	20030628	99.88	99.73	99.86
6	4	224981799	20030723	20030628	100.03	100.27	100.12
6	4	224981800	20030723	20030628	99.87	99.94	99.9
6	4	224981801	20030723	20030628	99.98	100.19	100.03
6	4	224981802	20030723	20030628	99.93	100.2	100.08
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6	4	224981805	20030723	20030628	99.87	100.46	100.07
6	4	224981806	20030723	20030628	100.01	100.36	99.89
6	4	224981807	20030723	20030628	99.98	99.82	100.06
6	4	224981808	20030723	20030628	99.9	100.48	100.02
6	4	224981809	20030723	20030628	100.08	100.05	99.97
6	4	224981810	20030723	20030628	99.96	100.18	100.06
6	4	224981811	20030723	20030628	99.91	100.08	100.11
6	4	224981812	20030723	20030628	100.02	99.79	100.09
6	4	224981813	20030723	20030628	100.1	99.93	100.13
6	4	224981814	20030723	20030628	99.88	99.98	99.86
6	4	224981815	20030723	20030628	100.1	100.67	99.97

6	4	224981816	20030723	20030628	99.92	100.28	100.06
6	4	224981817	20030723	20030628	99.91	100.15	99.93
6	4	224981818	20030723	20030628	99.91	100.22	99.94
6	4	224981819	20030723	20030628	99.99	100.08	99.98
6	4	224981820	20030723	20030628	100.02	99.77	99.86
6	4	224981821	20030723	20030628	99.91	100.18	100.07
6	4	224981822	20030723	20030628	100.05	99.86	99.94
6	4	224981823	20030723	20030628	99.99	99.39	99.87
6	4	224981824	20030723	20030628	100.01	100.1	100.07
6	4	224981825	20030723	20030628	100.05	100.02	100.11
6	4	224981826	20030723	20030628	99.97	100.25	99.96
6	4	224981827	20030723	20030628	99.9	99.53	99.88
6	4	224981828	20030723	20030628	99.96	100.28	100.13
6	4	224981829	20030723	20030628	99.91	99.83	100
6	4	224981830	20030723	20030628	99.91	100.39	99.91
6	4	224981831	20030723	20030628	99.93	100.13	100.02
6	4	224981832	20030723	20030628	100.09	99.88	100.01
6	4	224981833	20030723	20030628	99.95	99.85	100
6	4	224981834	20030723	20030628	100.08	100.23	100.08
6	4	224981835	20030723	20030628	99.99	99.69	99.92
6	4	224981836	20030723	20030628	100.06	100.1	100.01
6	4	224981837	20030723	20030628	99.99	100.12	100.09
6	4	224981838	20030723	20030628	99.99	100.16	99.89
6	4	224981839	20030723	20030628	99.96	99.8	100
6	4	224981840	20030723	20030630	99.94	100.35	100
6	4	224981841	20030723	20030630	99.96	100.25	100.12
6	4	224981842	20030723	20030630	99.98	100.35	100.01
6	4	224981843	20030723	20030630	99.98	100.06	99.9
6	4	224981844	20030723	20030630	99.99	100	99.92
6	4	224981845	20030723	20030630	100.12	100.27	100.06
6	4	224981846	20030723	20030630	100.01	100.08	99.9
6	4	224981847	20030723	20030630	99.91	100.17	99.96
6	4	224981848	20030723	20030630	100	100.34	100.12
6	4	224981849	20030723	20030630	100.07	100	100.09
6	4	224981850	20030723	20030630	100.01	100.17	99.97
6	4	224981851	20030723	20030630	100	100.26	100.06
6	4	224981852	20030723	20030630	99.94	100.51	99.95
6	4	224981853	20030723	20030630	100.05	100.12	100.04
6	4	224981854	20030723	20030630	99.99	99.98	99.94
6	4	224981855	20030723	20030630	99.96	100.3	100.09
6	4	224981856	20030723	20030630	99.94	100.37	99.86
6	4	224981857	20030723	20030630	99.95	100.38	99.86
6	4	224981858	20030723	20030630	100.11	100.46	100.13
6	4	224981859	20030723	20030630	100.01	100.17	99.86
6	4	224981860	20030723	20030630	100.1	100.13	99.89
6	4	224981861	20030723	20030630	99.95	99.88	99.9
6	4	224981862	20030723	20030630	99.92	99.45	100
6	4	224981863	20030723	20030630	99.99	100.16	100.08
6	4	224981864	20030723	20030630	100.01	100.4	100.14
6	4	224988593	20030827	20030731	99.88	99.71	99.9
6	4	224988594	20030827	20030731	100.09	100.2	99.99
6	4	224988595	20030827	20030731	100.09	100.12	100.09
6	4	224988596	20030827	20030731	99.97	100.24	100.04
6	4	224988597	20030827	20030731	99.99	100.16	100
6	4	224988598	20030827	20030731	99.95	99.98	99.95
6	4	224988599	20030827	20030731	99.96	100.51	100.03
6	4	224988600	20030827	20030731	99.87	100.09	99.93
6	4	224988601	20030827	20030731	99.95	99.91	100
6	4	224988602	20030827	20030731	99.9	100.05	99.87
6	4	224988603	20030827	20030731	100.03	100.37	100.08
6	4	224988604	20030827	20030731	100.07	99.45	100.02
6	4	224988605	20030827	20030731	99.94	100.01	99.91
6	4	224988606	20030827	20030731	100.09	100.33	100.12
6	4	224988607	20030827	20030731	100.01	99.43	99.9
6	4	224988608	20030827	20030731	99.9	99.86	99.89

6	4	224988609	20030827	20030731	100	100.04	99.87
6	4	224988610	20030827	20030731	100.12	100	99.95
6	4	224988611	20030827	20030731	99.97	99.9	99.86
6	4	224988612	20030827	20030731	99.99	99.81	100.06
6	4	224988657	20030827	20030731	99.91	99.76	99.94
6	4	224988658	20030827	20030731	100.04	100.02	100.14
6	4	224988659	20030827	20030731	100.05	100.22	100.14
6	4	224988660	20030827	20030731	99.96	100.16	99.97
6	4	224988661	20030827	20030731	99.88	100.03	99.88
6	4	224988662	20030827	20030731	99.92	100.12	99.97
6	4	224988663	20030827	20030731	100	99.55	99.98
6	4	224988664	20030827	20030731	99.99	100.36	100.03
6	4	224988665	20030827	20030731	100.06	99.98	99.96
6	4	224988666	20030827	20030731	99.94	100.04	99.92
6	4	224988667	20030827	20030731	100.07	100.37	100.09
6	4	224988668	20030827	20030731	99.95	100.2	100.07
6	4	224988671	20030827	20030731	100	100.38	100
6	4	224988672	20030827	20030731	100.05	100.31	100.01
6	4	224988674	20030827	20030731	100.07	100.17	99.91
6	4	224988675	20030827	20030731	100.02	100.25	99.86
6	4	224988676	20030827	20030731	99.93	100.06	100.07
6	4	224988677	20030827	20030731	100.11	100.07	100.09
6	4	224988678	20030827	20030731	99.91	100.17	99.9
6	4	224988679	20030827	20030731	99.96	99.64	99.88
6	4	224988680	20030827	20030731	99.89	100.32	99.93
6	4	224989065	20030827	20030731	100.11	100.33	100.07
6	4	224989066	20030827	20030731	99.97	100.41	100.08
6	4	224989067	20030827	20030731	99.89	99.9	100.08
6	4	224989068	20030827	20030731	100.01	99.98	99.91
6	4	224989069	20030827	20030731	99.92	100.27	100.06
6	4	224989070	20030827	20030731	100.02	100.21	99.89
6	4	224989071	20030827	20030731	99.96	100.06	100.03
6	4	224989072	20030827	20030731	99.94	99.93	99.94
6	4	224989073	20030827	20030731	99.98	99.9	100.12
6	4	224989074	20030827	20030731	99.91	99.84	99.91
6	4	224989075	20030827	20030731	99.86	99.52	99.91
6	4	224989076	20030827	20030731	99.99	100.51	99.9
6	4	224989077	20030827	20030731	100.01	100.36	100.04
6	4	224989078	20030827	20030731	100.14	100.28	100.04
6	4	224989079	20030827	20030731	99.95	99.66	100.13
6	4	224989080	20030827	20030731	99.97	99.73	99.93
6	4	224989081	20030827	20030731	99.88	99.92	100
6	4	224989082	20030827	20030731	99.96	99.97	100.07
6	4	224989083	20030827	20030731	99.99	100.19	99.92
6	4	224989084	20030827	20030731	100.02	100.5	99.88
6	4	224989085	20030827	20030731	100.02	100.43	100.03
6	4	224989086	20030827	20030731	100.02	99.94	99.94
6	4	224989087	20030827	20030731	100.12	100.2	100.04
6	4	224989088	20030827	20030731	99.89	100.14	99.99
6	4	224989089	20030827	20030731	99.99	99.78	100.12
6	4	224989090	20030827	20030731	99.94	100.04	99.86
6	4	224989091	20030827	20030731	100.02	100.17	100.03
6	4	224989092	20030827	20030731	99.93	99.89	99.95
6	4	224989093	20030827	20030731	100.01	99.85	100.02
6	4	224989094	20030827	20030731	100.05	100.08	100.06
6	4	224989095	20030827	20030731	99.93	100.22	99.87
6	4	224989096	20030827	20030731	100.1	100.31	99.94
6	4	224989097	20030827	20030731	100.07	100.05	99.91
6	4	224989098	20030827	20030731	99.95	100.18	99.86
6	4	224989099	20030827	20030731	100.08	100.19	100.05
6	4	224989100	20030827	20030731	99.92	100.4	100.04
6	4	224989101	20030827	20030731	99.98	100.32	100.02
6	4	224989102	20030827	20030731	99.94	99.84	99.91
6	4	224989103	20030827	20030731	100.05	99.86	99.92
6	4	224989104	20030827	20030731	99.92	100.19	100.04

6	4	224989105	20030827	20030731	99.97	100	100.05
6	4	224989106	20030827	20030731	99.99	100.04	99.91
6	4	224989107	20030827	20030731	99.93	99.92	99.87
6	4	224989108	20030827	20030731	99.99	100.23	99.86
6	4	224989109	20030827	20030731	100.05	100.22	100.11
6	4	224989110	20030827	20030731	100.05	100.18	99.86
6	4	224989111	20030827	20030731	99.96	100.13	99.99
6	4	224989112	20030827	20030731	100	100.29	100.06
6	4	224989113	20030827	20030731	100.04	100.26	99.97
6	4	224989114	20030827	20030731	100.03	100.07	99.94
6	4	224989115	20030827	20030731	99.88	99.98	99.91
6	4	224989116	20030827	20030731	100.08	100.29	100.08
6	4	224989117	20030827	20030731	99.96	100.16	99.95
6	4	224989118	20030827	20030731	99.87	99.94	99.93
6	4	224989119	20030827	20030731	100.08	99.93	99.98
6	4	224989120	20030827	20030731	100.13	100.44	100.07
6	4	224989121	20030827	20030731	100.03	100.23	100
6	4	224989122	20030827	20030731	100.07	100.06	100.11
6	4	224989123	20030827	20030731	99.97	99.93	99.86
6	4	224989124	20030827	20030731	100.05	99.67	100.04
6	4	224989125	20030827	20030731	99.96	99.92	99.98
6	4	224989126	20030827	20030731	99.87	100.28	100.02
6	4	224989127	20030827	20030731	100.09	100.1	100.1
6	4	224989128	20030827	20030731	99.97	100.1	99.86
6	4	224989129	20030827	20030731	99.9	100.21	99.95
6	4	224989130	20030827	20030731	99.99	100.23	99.87
6	4	224989131	20030827	20030731	100.06	100.52	100.11
6	4	224989132	20030827	20030731	99.94	100.36	99.95
6	4	224989133	20030827	20030731	99.95	99.55	99.96
6	4	224989134	20030827	20030731	99.87	100.09	99.91
6	4	224989135	20030827	20030731	100.08	100.09	99.88
6	4	224989136	20030827	20030731	100.09	100.24	100.09
6	4	224989137	20030827	20030731	99.93	100.39	100
6	4	224989138	20030827	20030731	100.07	99.91	100.1
6	4	224989139	20030827	20030731	100.14	100.4	100.12
6	4	224989140	20030827	20030731	100.04	100.17	100.05
6	4	224989141	20030827	20030731	99.9	100.16	99.94
6	4	224989142	20030827	20030731	99.99	100.11	99.92
6	4	224989143	20030827	20030731	99.91	99.5	99.92
6	4	224989144	20030827	20030731	99.96	100.16	99.95
6	4	224989145	20030827	20030731	99.96	100.19	99.97
6	4	224989146	20030827	20030731	100.04	99.87	100.11
6	4	224989147	20030827	20030731	99.89	100	99.97
6	4	224989148	20030827	20030731	100.05	100.18	100
6	4	224989149	20030827	20030731	100.06	100.22	100
6	4	224989150	20030827	20030731	100.06	100.13	100.09
6	4	224989151	20030827	20030731	100.04	100.12	99.91
6	4	224989152	20030827	20030731	99.96	100.05	99.89
6	4	224989153	20030827	20030731	99.96	100.36	99.88
6	4	224989154	20030827	20030731	100.01	99.98	100.01
6	4	224989155	20030827	20030731	100.01	100.18	99.91
6	4	224989156	20030827	20030731	100.12	99.68	99.97
6	4	224989157	20030827	20030731	100.02	99.66	100.02
6	4	224989158	20030827	20030731	99.9	99.62	99.98
6	4	224989159	20030827	20030731	99.87	100.2	99.86
6	4	224989160	20030827	20030731	99.86	99.64	99.86
6	4	224989355	20030827	20030731	99.95	100.19	99.98
6	4	224989356	20030827	20030731	100	100.09	100.07
6	4	224989357	20030827	20030731	100.01	100.27	99.87
6	4	224989359	20030827	20030731	100.01	99.84	99.93
6	4	224989362	20030827	20030731	99.92	100.25	99.91
6	4	224989364	20030827	20030731	100	100.03	100.03
6	4	224989365	20030827	20030731	99.99	99.98	99.87
6	4	224989367	20030827	20030731	100.02	100.5	100.13
6	4	224989368	20030827	20030731	99.9	100.3	99.93

6	4	224989370	20030827	20030731	99.99	99.89	99.93
6	4	224989373	20030827	20030731	100.06	100.19	100.11
6	4	224989374	20030827	20030731	99.99	100.21	100.02
6	4	224989375	20030827	20030731	100.01	100.02	100.06
6	4	224989378	20030827	20030731	100.03	100.16	100.07
6	4	224989379	20030827	20030731	100.01	100.01	99.9
6	4	224989380	20030827	20030731	99.99	100	99.97
6	4	224989386	20030827	20030731	99.93	100	99.93
6	4	224989387	20030827	20030731	100.1	100.09	99.91
6	4	224989388	20030827	20030731	100	100.02	99.93
6	4	224989389	20030827	20030731	100.02	100.04	100
6	4	224989391	20030827	20030731	99.91	100.05	99.88
6	4	224989392	20030827	20030731	100.04	99.91	100.01
6	4	224989393	20030827	20030731	99.88	99.9	100.04
6	4	224989394	20030827	20030731	99.91	100.14	99.9
6	4	224989395	20030827	20030731	100.04	100.18	99.93
6	4	224989396	20030827	20030731	100.02	99.93	99.93
6	4	224989397	20030827	20030731	99.92	100	99.88
6	4	224989398	20030827	20030731	100	99.67	100.11
6	4	224989399	20030827	20030731	100.05	100.03	100.11
6	4	224989400	20030827	20030731	99.98	99.66	99.98
6	4	224989401	20030827	20030731	100.04	99.47	100.01
6	4	224989402	20030827	20030731	99.94	100.18	100.09
6	4	224989403	20030827	20030731	99.91	100.12	100.04
6	4	224989404	20030827	20030731	100.08	100.15	100.11
6	4	224989405	20030827	20030731	100.05	100.04	100.1
6	4	224989407	20030827	20030731	100.1	99.95	100.09
6	4	224989408	20030827	20030731	100.03	100.32	100.02
6	4	224989412	20030827	20030731	99.96	99.74	99.9
6	4	224989413	20030827	20030731	100.09	100.23	100.03
6	4	224989414	20030827	20030731	99.91	100.05	100.02
6	4	224989415	20030827	20030731	99.92	100.12	99.91
6	4	224989416	20030827	20030731	100.09	99.86	100.04
6	4	224989417	20030827	20030731	100.04	100.12	99.96
6	4	224989419	20030827	20030731	100.04	100.52	100.01
6	4	224989420	20030827	20030731	100.02	99.99	100.04
6	4	224989421	20030827	20030731	100.05	100.22	100.02
6	4	224989424	20030827	20030731	100.1	100.01	100
6	4	224989425	20030827	20030731	100.01	100.13	99.87
6	4	224989426	20030827	20030731	100.03	99.94	99.99
6	4	224989427	20030827	20030731	100	100.16	100.03
6	4	224989428	20030827	20030731	100.01	100.24	99.96
6	4	224989430	20030827	20030731	100.05	99.84	100.05
6	4	224989432	20030827	20030731	99.92	100.04	100.1
6	4	224989433	20030827	20030731	100	99.76	100.07
6	4	224989436	20030827	20030731	100.06	100.15	100
6	4	224989438	20030827	20030731	100.07	99.49	100.02
6	4	224989439	20030827	20030731	99.92	99.82	99.9
6	4	224989441	20030827	20030731	100	99.86	100.06
6	4	224989442	20030827	20030731	99.93	100.34	100.08
6	4	224989443	20030827	20030731	100	99.63	99.87
6	4	224989444	20030827	20030731	100.03	99.81	100.14
6	4	224989545	20030826	20030730	100.11	99.95	99.99
6	4	224989546	20030826	20030730	100.05	100.68	99.98
6	4	224989547	20030826	20030730	99.97	100.11	99.99
6	4	224989548	20030826	20030730	99.99	99.86	100.07
6	4	224989549	20030826	20030730	99.92	99.37	100.13
6	4	224989550	20030826	20030730	99.99	99.9	100
6	4	224989551	20030826	20030730	100.1	99.84	100.03
6	4	224989552	20030826	20030730	99.96	100.13	100.08
6	4	224989553	20030826	20030730	100.01	100.05	100.09
6	4	224989554	20030826	20030730	100.08	99.99	100.12
6	4	224989555	20030826	20030730	100.02	100.1	99.96
6	4	224989556	20030826	20030730	100.04	99.48	99.98
6	4	224989557	20030826	20030730	99.97	100.13	100.01



6	4	224989558	20030826	20030730	99.94	99.67	100.1
6	4	224989559	20030826	20030730	100.06	100.01	100
6	4	224989560	20030826	20030730	100.04	100.18	99.91
6	4	224989561	20030826	20030730	99.98	100.1	99.96
6	4	224989562	20030826	20030730	99.99	99.79	99.96
6	4	224989563	20030826	20030730	100.1	99.81	99.87
6	4	224989564	20030826	20030730	100.04	99.62	99.87
6	4	224989565	20030826	20030730	99.99	99.99	100.11
6	4	224989566	20030826	20030730	100.07	100.03	100.12
6	4	224989567	20030826	20030730	100.02	100.04	100.14
6	4	224989568	20030826	20030730	100	100.26	100.05
6	4	224989569	20030826	20030730	100.11	99.81	100.03
6	4	224989570	20030826	20030730	99.98	99.97	100.02
6	4	224989571	20030826	20030730	100.01	100.12	100.12
6	4	224989572	20030826	20030730	100.14	99.93	99.96
6	4	224989573	20030826	20030730	100.06	99.98	100.04
6	4	224989574	20030826	20030730	99.99	100.48	100.01
6	4	224989575	20030826	20030730	100.11	99.9	100.01
6	4	224989576	20030826	20030730	100.02	99.53	100.06
6	4	224989577	20030826	20030730	99.86	99.95	100.06
6	4	224989578	20030826	20030730	99.95	99.72	99.98
6	4	224989579	20030826	20030730	100.02	100.01	99.9
6	4	224989580	20030826	20030730	99.96	100.06	100.05
6	4	224989581	20030826	20030730	100.05	100.08	100.01
6	4	224989582	20030826	20030730	100.13	100.23	100.11
6	4	224989583	20030826	20030730	99.93	99.86	100.04
6	4	224989584	20030826	20030730	100.07	100.18	99.94
6	4	224989585	20030826	20030730	100.14	100.18	99.92
6	4	224989586	20030826	20030730	100	100.07	99.92
6	4	224989587	20030826	20030730	100.12	100.12	100.05
6	4	224989588	20030826	20030730	99.98	99.91	99.87
6	4	224989589	20030826	20030730	99.91	100.03	100.07
6	4	224989590	20030826	20030730	100.08	100.18	100.09
6	4	224989591	20030826	20030730	99.88	99.44	100.02
6	4	224989592	20030826	20030730	99.97	99.75	100.06
6	4	224989593	20030826	20030730	100.06	100.03	100.07
6	4	224989594	20030826	20030730	100.03	100.4	99.92
6	4	224989595	20030826	20030730	100.05	100.22	100.05
6	4	224989596	20030826	20030730	100.04	100.06	99.96
6	4	224989597	20030826	20030730	99.87	99.94	99.94
6	4	224989598	20030826	20030730	99.97	99.88	99.96
6	4	224989599	20030826	20030730	100.01	99.98	99.97
6	4	224989600	20030826	20030730	100.02	99.81	100.1
6	4	224989601	20030826	20030730	99.91	99.62	99.93
6	4	224989602	20030826	20030730	99.98	99.67	100.06
6	4	224989603	20030826	20030730	99.95	99.93	99.93
6	4	224989604	20030826	20030730	99.97	100.2	100.04
6	4	224989605	20030826	20030730	100.12	99.77	100.04
6	4	224989606	20030826	20030730	100.04	99.86	99.9
6	4	224989607	20030826	20030730	99.91	99.74	99.86
6	4	224989608	20030826	20030730	99.98	99.79	99.9
6	4	224989609	20030826	20030730	99.86	99.96	99.95
6	4	224989610	20030826	20030730	100.09	99.93	100.02
6	4	224989611	20030826	20030730	100.08	100.16	100.07
6	4	224989612	20030826	20030730	100.05	99.96	99.97
6	4	224989613	20030826	20030730	99.96	99.53	99.86
6	4	224989614	20030826	20030730	100.05	99.85	100.02
6	4	224989615	20030826	20030730	100	100.34	99.96
6	4	224989616	20030826	20030730	99.9	99.89	100.1
6	4	224989617	20030826	20030730	99.95	100	99.99
6	4	224989618	20030826	20030730	100.04	100.02	100.03
6	4	224989619	20030826	20030730	100.1	99.9	100.1
6	4	224989620	20030826	20030730	99.97	99.62	99.88
6	4	224989621	20030826	20030730	100.12	100.02	100.11
6	4	224989622	20030826	20030730	100.06	100.06	99.88

6	4	224989623	20030826	20030730	100.14	100.23	100.05
6	4	224989624	20030826	20030730	99.92	99.56	99.86
6	4	224989625	20030826	20030730	100.08	100.21	99.9
6	4	224989626	20030826	20030730	99.98	99.62	99.92
6	4	224989627	20030826	20030730	100.08	100	99.97
6	4	224989628	20030826	20030730	100.05	99.87	100.11
6	4	224989629	20030826	20030730	99.96	100.14	100.02
6	4	224989630	20030826	20030730	100.03	100.03	100.03
6	4	224989631	20030826	20030730	99.97	99.69	100.13
6	4	224989632	20030826	20030730	100.03	99.96	100.04
6	4	224989633	20030826	20030730	100.09	99.97	99.88
6	4	224989634	20030826	20030730	99.98	99.46	100.11
6	4	224989635	20030826	20030730	100.14	99.88	100.05
6	4	224989636	20030826	20030730	100.05	100.06	100.04
6	4	224989637	20030826	20030730	100	99.97	100.09
6	4	224989638	20030826	20030730	100.05	99.71	100.1
6	4	224989639	20030826	20030730	99.93	100.01	100.01
6	4	224989640	20030826	20030730	100.06	100	99.88
6	4	224989641	20030826	20030730	99.89	99.8	100
6	4	224989642	20030826	20030730	100.01	100.37	99.88
6	4	224989643	20030826	20030730	100.02	99.95	100
6	4	224989644	20030826	20030730	100.04	99.79	100.14
6	4	224989645	20030826	20030730	100.07	100.3	100.04
6	4	224989646	20030826	20030730	100	100.08	99.94
6	4	224989647	20030826	20030730	100.01	99.53	99.87
6	4	224989648	20030826	20030730	99.98	100.63	100.12
6	4	224989649	20030826	20030730	100.06	99.9	100.12
6	4	224989650	20030826	20030730	100.02	100.1	99.99
6	4	224989651	20030826	20030730	99.95	99.77	99.96
6	4	224989652	20030826	20030730	99.96	100.03	100
6	4	224989653	20030826	20030730	99.99	100	100.02
6	4	224989654	20030826	20030730	100.13	99.9	100.11
6	4	224989655	20030826	20030730	100.02	99.84	99.9
6	4	224989656	20030826	20030730	100.04	99.53	100.02
6	4	224989657	20030826	20030730	100.07	100.39	100.03
6	4	224989658	20030826	20030730	100.11	99.9	100.09
6	4	224989659	20030826	20030730	100.04	99.71	100.02
6	4	224989660	20030826	20030730	99.94	100.29	99.98
6	4	224989661	20030826	20030730	99.91	100.12	100.14
6	4	224989662	20030826	20030730	100.06	100.23	99.99
6	4	224989663	20030826	20030730	99.93	100.29	99.92
6	4	224989664	20030826	20030730	99.97	100.18	99.96
6	4	224989665	20030826	20030730	99.89	99.93	99.96
6	4	224989666	20030826	20030730	100.03	99.87	100.01
6	4	224989667	20030826	20030730	100.04	100.06	99.87
6	4	224989668	20030826	20030730	100.06	100.56	100
6	4	224989669	20030826	20030730	99.99	99.67	99.99
6	4	224989670	20030826	20030730	99.99	100	100.1
6	4	224989671	20030826	20030730	100.06	100.22	100.04
6	4	224989672	20030826	20030730	99.91	99.76	100.13
6	4	224989673	20030826	20030730	99.97	99.79	99.91
6	4	224989674	20030826	20030730	100.02	100.08	100.1
6	4	224989675	20030826	20030730	99.94	100.6	99.92
6	4	224989676	20030826	20030730	100.05	99.75	99.99
6	4	224989677	20030826	20030730	99.99	100.26	99.93
6	4	224989678	20030826	20030730	100.12	100.6	100.09
6	4	224989679	20030826	20030730	100.09	100.02	99.97
6	4	224989680	20030826	20030730	99.95	100.17	100.01
6	4	224989681	20030826	20030730	100.02	99.85	100.03
6	4	224989682	20030826	20030730	100.06	99.89	99.88
6	4	224989684	20030826	20030730	100.06	99.87	100.08
6	4	224989685	20030826	20030730	100.06	100.08	99.89
6	4	224989686	20030826	20030730	99.91	99.69	99.97
6	4	224989687	20030826	20030730	99.96	100.07	99.9
6	4	224989688	20030826	20030730	100.01	100.08	99.97

6	4	224989689	20030826	20030730	99.92	99.85	100.03
6	4	224989690	20030826	20030730	99.92	100.03	100.01
6	4	224989691	20030826	20030730	100.13	100.46	100
6	4	224989692	20030826	20030730	100.02	100.41	99.99
6	4	224989693	20030826	20030730	100.02	99.99	100.11
6	4	224989694	20030826	20030730	100.03	100.29	99.95
6	4	224989695	20030826	20030730	100.01	100.29	100.03
6	4	224989696	20030826	20030730	100.05	100.16	100.09
6	4	224989697	20030826	20030730	99.95	99.85	100.07
6	4	224989698	20030826	20030730	100.04	100.43	100.03
6	4	224989699	20030826	20030730	99.92	100.08	99.97
6	4	224989700	20030826	20030730	100.05	99.94	100.12
6	4	224989701	20030826	20030730	99.95	99.77	100.11
6	4	224989702	20030826	20030730	99.88	99.49	99.93
6	4	224989703	20030826	20030730	99.98	99.71	99.96
6	4	224989704	20030826	20030730	99.95	100.13	99.93
6	4	224989705	20030826	20030730	100.07	100.11	100.11
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6	4	224989707	20030826	20030730	100.07	100.45	100.12
6	4	224989708	20030826	20030730	99.99	99.95	100.11
6	4	224989709	20030826	20030730	100.04	99.85	100.02
6	4	224989710	20030826	20030730	100.14	99.95	100.11
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6	4	224989712	20030826	20030730	100	99.71	99.96
6	4	224989713	20030826	20030730	99.93	99.91	99.93
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6	4	224989715	20030826	20030730	99.94	99.9	100.03
6	4	224989716	20030826	20030730	99.99	100.15	100.13
6	4	224989717	20030826	20030730	99.99	99.89	99.88
6	4	224989718	20030826	20030730	99.94	99.6	99.96
6	4	224989719	20030826	20030730	100.06	100.15	100.12
6	4	224989720	20030826	20030730	99.99	99.95	99.91
6	4	224989721	20030826	20030730	99.99	99.95	100.08
6	4	224989722	20030826	20030730	100.1	100.17	100.03
6	4	224989723	20030826	20030730	99.96	100.05	99.89
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6	4	224989726	20030826	20030730	99.98	99.74	99.96
6	4	224989727	20030826	20030730	99.96	99.82	100.09
6	4	224989728	20030826	20030730	100.02	99.81	99.86
6	4	224989729	20030826	20030730	99.97	99.58	100.14
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6	4	225197710	20030903	20030730	99.92	99.79	99.9
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6	4	225197736	20030903	20030730	100	100.03	99.93
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6	4	225197742	20030903	20030730	99.96	100.35	100.09
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6	4	225197768	20030903	20030730	100.03	99.77	100.07
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6	4	225197780	20030903	20030730	99.97	100.04	99.98
6	4	225197781	20030903	20030730	99.97	100.35	100.14
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GNNA1	4	323638188	20030501	20030417	100	99.98	100
GNNA1	4	323638189	20030501	20030417	100	100	99.99
GNNA1	4	323638198	20030501	20030417	100	100	99.99
GNNA1	4	323638199	20030501	20030417	100	100	99.99
GNNA1	4	323638200	20030501	20030418	100	99.97	99.99
GNNA1	4	323638201	20030501	20030417	100	99.99	100.01
GNNA1	4	323638206	20030501	20030418	100.01	100	100.01
GNNA1	4	323638207	20030501	20030418	100	99.98	99.99
GNNA1	4	323638209	20030501	20030418	100.01	99.98	100.01
GNNA1	4	323654369	20030530	20030520	100	99.99	100

GNNA1	4	323654383	20030530	20030520	100	99.99	99.98
GNNA1	4	323654384	20030530	20030521	100	99.99	100
GNNA1	4	323654385	20030530	20030521	100	99.99	99.99
GNNA1	4	323654403	20030530	20030521	100	99.99	100.02
GNNA8	4	323671701	20030701	20030616	100	100.01	100.02
GNNA8	4	323671702	20030701	20030616	100	99.95	100.03
GNNA8	4	323671703	20030701	20030616	100	99.98	100
GNNA8	4	323671704	20030701	20030616	100	99.96	100
GNNA8	4	323671705	20030701	20030616	100.01	99.97	100.05
GNNA8	4	323671706	20030701	20030616	100	100.01	100.05
GNNA8	4	323671707	20030701	20030616	99.99	99.96	99.97
GNNA8	4	323671708	20030701	20030616	100	100.02	100.05
GNNA8	4	323671709	20030701	20030616	100.01	99.97	100.02
GNNA8	4	323671710	20030701	20030616	100	100.01	100.02
GNNA8	4	323671711	20030701	20030616	100	100.02	100.04
GNNA8	4	323671712	20030701	20030616	100	99.95	100.04
GNNA8	4	323671713	20030701	20030616	100	100.01	100.02
GNNA8	4	323671714	20030701	20030616	100	100.01	100.05
GNNA8	4	323671715	20030701	20030616	100	100.02	100.06
GNNA8	4	323671716	20030701	20030616	100.01	100.02	100.04
GNNA1	4	323671936	20030702	20030624	100.01	100	100
GNNA8	4	323679842	20030701	20030605	99.99	99.95	100
GNNA8	4	323679843	20030701	20030605	100	100.01	100
GNNA8	4	323679844	20030701	20030605	100.01	99.96	100.03
GNNA8	4	323679845	20030701	20030605	100	99.97	100.04
GNNA8	4	323679882	20030701	20030605	100	100.02	100.02
GNNA8	4	323679883	20030701	20030605	100.01	100.02	100.03
GNNA8	4	323679884	20030701	20030605	100	99.96	100.03
GNNA8	4	323679885	20030701	20030605	100	99.95	100.03
GNNA8	4	323679886	20030701	20030606	100	99.96	100.05
GNNA8	4	323679887	20030701	20030606	100	99.96	100
GNNA8	4	323679888	20030701	20030606	99.99	100.01	100
GNNA8	4	323679889	20030701	20030606	99.99	100.02	100.04
GNNA1	4	323679959	20030701	20030623	100	99.98	100.01
GNNA1	4	323679971	20030701	20030623	100	100	100.01
GNNA1	4	323679972	20030701	20030623	100	100	99.99
GNNA1	4	323679973	20030701	20030623	100	99.97	100
GS008	4	428020345	20031106	20031001	100	99.96	100.01
GS008	4	428020346	20031106	20031001	99.99	99.97	100
GS008	4	428020347	20031106	20031001	100.01	99.97	100.04
GS008	4	428020348	20031106	20031001	100	99.99	100.02
GS008	4	428020349	20031106	20031001	100	99.98	100
GS008	4	428020350	20031106	20031001	100	99.98	100.01
GS008	4	428020351	20031106	20031001	100	99.97	100.02
GS008	4	428020352	20031106	20031001	100.01	99.99	100.03
GS008	4	428020353	20031106	20031001	99.99	99.98	100.01
GS008	4	428020354	20031106	20031001	100.01	99.97	100.03
GS008	4	428020355	20031106	20031001	100	99.97	100.03
GS008	4	428020356	20031106	20031001	100	99.99	100.02
GS008	4	428020357	20031106	20031001	99.98	99.98	100.01
GS008	4	428020358	20031106	20031001	100	99.97	100.02
GS008	4	428020359	20031106	20031001	100	99.97	100.01
GS008	4	428020360	20031106	20031001	100	99.99	100.05
GS008	4	428020361	20031106	20031001	100	99.98	100.05
GS008	4	428020362	20031106	20031001	100	99.98	100.02
GS008	4	428020363	20031106	20031001	100	99.99	100.02
GS008	4	428020364	20031106	20031001	100.02	100.01	100.05
GS008	4	428020365	20031106	20031001	100	100	100.04
GS008	4	428020366	20031106	20031001	100	99.98	100.01
GS008	4	428020367	20031106	20031001	100	99.97	100.01
GS008	4	428020368	20031106	20031001	100.02	100	100.03
GNNA1	4	428026354	20031105	20031029	100	100.02	100.05