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**Kentucky Utilities  
Company**

**Annual Report**

**Electric Sample Meter  
Testing**

**February 28, 2018**



a PPL company

Gwen R. Pinson, Executive Director  
Kentucky Public Service Commission  
211 Sower Boulevard  
Frankfort, Kentucky 40601

February 28, 2018

Re: *In the Matter of: Joint Application of Inter County Energy Cooperative, Kentucky Power Company, Kentucky Utilities Company, Louisville Gas and Electric Company, Owen Electric Cooperative, Shelby Energy Cooperative, Inc., and the Union Light, Heat & Power Company for Approval of a Pilot Meter Testing Plan Pursuant 807 KAR 5:041, Section 13, 15, 16, 17, and 22, Case No. 2005-00276*

**Annual Report – Kentucky Utilities Company**

Dear Ms. Pinson:

The Kentucky Public Service Commission (“Commission”) originally approved a pilot sample meter testing plan for participating electric utilities in its Order of December 12, 2000, in Case Number 99-441. On November 10, 2005, in Case No. 2005-00276, the Commission approved the 2006 Sample Meter Testing Plan submitted by participating electric utilities on a permanent basis effective January 1, 2006.

Pursuant to the 2006 Sample Meter Testing Plan (originally filed on July 1, 2005), Section I(4) and Section II(D)(4), Kentucky Utilities Company submits the following:

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

2017 Statistical Sampling Test Results and Summary - (Attachment B)

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

Sincerely,

Rick E. Lovekamp

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**Kentucky Utilities Company**  
State Regulation and Rates  
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ATTACHMENT  
A

Certified Test Results

# LG&E and KU Energy LLC

## 5040 Annual Report of New Single Phase Meters

Last Data Update:

02/16/2018 01:16:58

### Dynamic Filters

Plant KU

Calendar Month/Year: 01/2017 - 12/2017

Plant	Manf. Model Number	Serial Number	Calendar Month/Year	Test Date	As Left Full Load	As Left Light Load	As Left Power Factor	Number of records
KU	C1S	2072620	01/2017	01/25/2017	99.960	100.060	100.0	1
KU	C1S	2072621	01/2017	01/25/2017	100.000	100.080	100.1	1
KU	C1S	2072622	01/2017	01/25/2017	99.980	99.960	100.0	1
KU	C1S	2072623	01/2017	01/25/2017	100.010	100.050	100.0	1
KU	C1S	2072624	01/2017	01/25/2017	100.010	100.000	100.0	1
KU	C1S	2072625	01/2017	01/25/2017	99.980	99.920	100.0	1
KU	C1S	2072626	01/2017	01/25/2017	100.020	100.070	100.0	1
KU	C1S	2072627	01/2017	01/25/2017	100.000	100.010	100.0	1
KU	C1S	2072628	01/2017	01/25/2017	100.000	100.020	100.0	1
KU	C1S	2072629	01/2017	01/25/2017	100.010	99.950	100.0	1
KU	C1S	2072630	01/2017	01/25/2017	100.010	100.080	100.0	1
KU	C1S	2072631	01/2017	01/25/2017	99.990	99.940	100.0	1
KU	C1S	2072632	01/2017	01/25/2017	99.960	100.050	100.1	1
KU	C1S	2072633	01/2017	01/25/2017	99.990	100.010	100.0	1
KU	C1S	2072634	01/2017	01/25/2017	100.010	100.060	100.1	1
KU	C1S	2072635	01/2017	01/25/2017	99.990	100.040	100.0	1
KU	C1S	2072636	01/2017	01/25/2017	100.020	100.060	100.0	1
KU	C1S	2072637	01/2017	01/25/2017	100.030	100.040	100.0	1
KU	C1S	2072638	01/2017	01/25/2017	100.020	100.060	100.0	1
KU	C1S	2072639	01/2017	01/25/2017	100.000	99.920	100.0	1
KU	C1S	2072640	01/2017	01/25/2017	99.990	100.060	100.0	1
KU	C1S	2072641	01/2017	01/25/2017	100.020	100.050	100.1	1
KU	C1S	2072642	01/2017	01/25/2017	99.960	99.960	100.0	1
KU	C1S	2072643	01/2017	01/25/2017	99.970	99.940	100.0	1
KU	C1S	2072644	01/2017	01/25/2017	100.020	100.050	100.0	1
KU	C1S	2072645	01/2017	01/25/2017	99.980	100.040	100.1	1
KU	C1S	2072646	01/2017	01/25/2017	100.010	100.050	100.0	1
KU	C1S	2072647	01/2017	01/25/2017	100.020	99.970	100.1	1

KU	C1S	2072648	01/2017	01/25/2017	99.990	100.050	100.1	1
KU	C1S	2072649	01/2017	01/25/2017	100.020	100.060	100.0	1
KU	C1S	2072650	01/2017	01/25/2017	100.010	100.060	100.1	1
KU	C1S	2072651	01/2017	01/25/2017	100.020	99.970	100.0	1
KU	C1S	2072652	01/2017	01/25/2017	99.970	99.980	100.0	1
KU	C1S	2072653	01/2017	01/25/2017	100.010	100.050	100.0	1
KU	C1S	2072654	01/2017	01/25/2017	99.980	99.960	100.0	1
KU	C1S	2072655	01/2017	01/25/2017	99.980	100.040	100.0	1
KU	C1S	2072656	01/2017	01/25/2017	99.990	100.090	100.0	1
KU	C1S	2072657	01/2017	01/25/2017	100.020	100.000	100.0	1
KU	C1S	2072658	01/2017	01/25/2017	99.980	100.030	100.0	1
KU	C1S	2072659	01/2017	01/25/2017	100.010	100.070	100.0	1
KU	C1S	2072660	01/2017	01/25/2017	100.000	100.060	100.1	1
KU	C1S	2072661	01/2017	01/25/2017	99.980	99.980	100.0	1
KU	C1S	2072662	01/2017	01/25/2017	99.990	99.970	100.0	1
KU	C1S	2072663	01/2017	01/25/2017	99.980	99.940	100.0	1
KU	C1S	2072664	01/2017	01/25/2017	100.010	100.020	100.0	1
KU	C1S	2072665	01/2017	01/25/2017	99.990	99.920	100.0	1
KU	C1S	2072666	01/2017	01/25/2017	99.990	99.990	100.1	1
KU	C1S	2072667	01/2017	01/25/2017	100.030	100.010	100.0	1
KU	C1S	2072668	01/2017	01/25/2017	100.020	100.050	100.0	1
KU	C1S	2072669	01/2017	01/25/2017	100.030	100.020	100.0	1
KU	C1S	2072670	01/2017	01/25/2017	100.010	100.060	100.1	1
KU	C1S	2072671	01/2017	01/25/2017	99.990	99.960	100.0	1
KU	C1S	2072672	01/2017	01/25/2017	100.020	100.010	100.0	1
KU	C1S	2072673	01/2017	01/25/2017	100.010	100.090	100.1	1
KU	C1S	2072674	01/2017	01/25/2017	99.990	100.070	100.0	1
KU	C1S	2072675	01/2017	01/25/2017	100.020	100.040	100.0	1
KU	C1S	2072676	01/2017	01/25/2017	100.000	99.920	100.0	1
KU	C1S	2072677	01/2017	01/25/2017	100.030	100.050	100.0	1
KU	C1S	2072678	01/2017	01/25/2017	100.010	100.070	100.0	1
KU	C1S	2072679	01/2017	01/25/2017	100.000	99.980	100.0	1
KU	C1S	2072680	01/2017	01/25/2017	99.990	100.060	100.1	1
KU	C1S	2072681	01/2017	01/25/2017	99.980	100.040	100.0	1
KU	C1S	2072682	01/2017	01/25/2017	99.980	99.940	100.0	1
KU	C1S	2072683	01/2017	01/25/2017	100.010	100.060	100.0	1
KU	C1S	2072684	01/2017	01/25/2017	100.020	100.100	100.1	1
KU	C1S	2072685	01/2017	01/25/2017	99.980	100.060	100.0	1
KU	C1S	2072686	01/2017	01/25/2017	100.000	100.070	100.0	1
KU	C1S	2072687	01/2017	01/25/2017	99.990	100.080	100.0	1
KU	C1S	2072688	01/2017	01/25/2017	99.970	100.050	100.0	1
KU	C1S	2072689	01/2017	01/25/2017	100.020	100.070	100.0	1

KU	C1S	2072690	01/2017	01/25/2017	100.000	100.080	100.0	1
KU	C1S	2072691	01/2017	01/25/2017	100.020	100.060	100.1	1
KU	C1S	2072692	01/2017	01/25/2017	99.980	100.080	100.0	1
KU	C1S	2072693	01/2017	01/25/2017	99.990	100.050	100.0	1
KU	C1S	2072694	01/2017	01/25/2017	99.990	100.080	100.0	1
KU	C1S	2072695	01/2017	01/25/2017	100.010	100.090	100.0	1
KU	C1S	2072696	01/2017	01/25/2017	100.000	100.090	100.0	1
KU	C1S	2072697	01/2017	01/25/2017	100.000	100.050	100.1	1
KU	C1S	2072698	01/2017	01/25/2017	100.000	100.060	100.1	1
KU	C1S	2072699	01/2017	01/25/2017	99.970	100.070	100.0	1
KU	C1S	2072700	01/2017	01/25/2017	100.030	100.050	100.0	1
KU	C1S	2072701	01/2017	01/25/2017	99.980	100.010	100.0	1
KU	C1S	2072702	01/2017	01/25/2017	99.980	100.040	100.1	1
KU	C1S	2072703	01/2017	01/25/2017	100.040	100.010	100.0	1
KU	C1S	2072704	01/2017	01/25/2017	100.010	100.060	100.0	1
KU	C1S	2072705	01/2017	01/25/2017	100.010	100.070	100.0	1
KU	C1S	2072706	01/2017	01/25/2017	99.970	100.070	100.0	1
KU	C1S	2072707	01/2017	01/25/2017	100.020	100.070	100.0	1
KU	C1S	2072708	01/2017	01/25/2017	100.010	100.060	100.0	1
KU	C1S	2072709	01/2017	01/25/2017	99.980	100.070	100.0	1
KU	C1S	2072710	01/2017	01/25/2017	100.020	100.060	100.0	1
KU	C1S	2072711	01/2017	01/25/2017	99.980	100.010	100.0	1
KU	C1S	2072712	01/2017	01/25/2017	99.990	100.070	100.1	1
KU	C1S	2072713	01/2017	01/25/2017	100.020	100.070	100.0	1
KU	C1S	2072714	01/2017	01/25/2017	100.030	100.080	100.0	1
KU	C1S	2072715	01/2017	01/25/2017	99.980	100.070	100.0	1
KU	C1S	2072716	01/2017	01/25/2017	99.980	100.070	100.0	1
KU	C1S	2072717	01/2017	01/25/2017	99.990	100.080	100.0	1
KU	C1S	2072718	01/2017	01/25/2017	100.020	100.060	100.0	1
KU	C1S	2072719	01/2017	01/25/2017	100.000	100.080	100.0	1
KU	C1S	2072720	01/2017	01/25/2017	100.000	100.080	100.0	1
KU	C1S	2072721	01/2017	01/25/2017	99.960	100.100	100.0	1
KU	C1S	2072722	01/2017	01/25/2017	100.020	100.080	100.0	1
KU	C1S	2072723	01/2017	01/25/2017	99.970	100.060	100.0	1
KU	C1S	2072724	01/2017	01/25/2017	100.000	100.070	100.0	1
KU	C1S	2072725	01/2017	01/25/2017	100.020	100.060	100.0	1
KU	C1S	2072726	01/2017	01/25/2017	100.010	100.020	100.0	1
KU	C1S	2072727	01/2017	01/25/2017	99.980	100.060	100.0	1
KU	C1S	2072728	01/2017	01/25/2017	99.970	100.070	100.1	1
KU	C1S	2072729	01/2017	01/25/2017	99.970	100.070	100.0	1
KU	C1S	2072730	01/2017	01/25/2017	99.980	100.070	100.0	1
KU	C1S	2072731	01/2017	01/25/2017	100.000	100.080	100.0	1

KU	C1S	2072732	01/2017	01/25/2017	99.980	100.060	100.0	1
KU	C1S	2072733	01/2017	01/25/2017	100.040	100.070	100.0	1
KU	C1S	2072734	01/2017	01/25/2017	99.980	100.070	100.1	1
KU	C1S	2072735	01/2017	01/25/2017	100.000	100.080	100.1	1
KU	C1S	2072736	01/2017	01/25/2017	100.020	100.070	100.0	1
KU	C1S	2072737	01/2017	01/25/2017	100.020	100.060	100.1	1
KU	C1S	2072738	01/2017	01/25/2017	99.980	100.090	100.0	1
KU	C1S	2072739	01/2017	01/25/2017	100.030	100.080	100.0	1
KU	C1S	2072740	01/2017	01/25/2017	99.970	100.080	100.1	1
KU	C1S	2072741	01/2017	01/25/2017	99.970	100.000	100.0	1
KU	C1S	2072742	01/2017	01/25/2017	99.960	99.990	100.0	1
KU	C1S	2072743	01/2017	01/25/2017	100.020	100.080	100.1	1
KU	C1S	2072744	01/2017	01/25/2017	100.010	100.070	100.1	1
KU	C1S	2072745	01/2017	01/25/2017	99.990	100.080	100.0	1
KU	C1S	2072746	01/2017	01/25/2017	100.020	100.070	100.0	1
KU	C1S	2072747	01/2017	01/25/2017	99.980	100.010	100.0	1
KU	C1S	2072748	01/2017	01/25/2017	99.990	100.000	100.0	1
KU	C1S	2072749	01/2017	01/25/2017	99.970	100.010	100.0	1
KU	C1S	2072750	01/2017	01/25/2017	99.980	100.070	100.1	1
KU	C1S	2072751	01/2017	01/25/2017	100.010	100.070	100.1	1
KU	C1S	2072752	01/2017	01/25/2017	100.020	100.080	100.0	1
KU	C1S	2072753	01/2017	01/25/2017	100.030	100.050	100.0	1
KU	C1S	2072754	01/2017	01/25/2017	100.010	100.060	100.1	1
KU	C1S	2072755	01/2017	01/25/2017	100.010	100.070	100.0	1
KU	C1S	2072756	01/2017	01/25/2017	100.010	99.980	100.0	1
KU	C1S	2072757	01/2017	01/25/2017	99.990	100.060	100.0	1
KU	C1S	2072758	01/2017	01/25/2017	100.030	100.100	100.1	1
KU	C1S	2072759	01/2017	01/25/2017	100.020	100.000	100.0	1
KU	C1S	2072760	01/2017	01/25/2017	99.980	100.060	100.1	1
KU	C1S	2072761	01/2017	01/25/2017	100.000	100.050	100.0	1
KU	C1S	2072762	01/2017	01/25/2017	99.950	100.070	100.1	1
KU	C1S	2072763	01/2017	01/25/2017	100.010	100.070	100.0	1
KU	C1S	2072764	01/2017	01/25/2017	99.990	100.070	100.0	1
KU	C1S	2072765	01/2017	01/25/2017	100.010	100.080	100.0	1
KU	C1S	2072766	01/2017	01/25/2017	100.020	100.030	100.0	1
KU	C1S	2072767	01/2017	01/25/2017	99.980	100.080	100.0	1
KU	C1S	2072768	01/2017	01/25/2017	100.020	100.040	100.0	1
KU	C1S	2072769	01/2017	01/25/2017	99.980	100.060	100.0	1
KU	C1S	2072770	01/2017	01/25/2017	99.990	100.060	100.1	1
KU	C1S	2072771	01/2017	01/25/2017	100.000	100.060	100.1	1
KU	C1S	2072772	01/2017	01/25/2017	99.970	100.080	100.0	1
KU	C1S	2072773	01/2017	01/25/2017	100.000	100.010	100.1	1

KU	C1S	2072774	01/2017	01/25/2017	99.990	100.070	100.0	1
KU	C1S	2072775	01/2017	01/25/2017	100.030	100.080	100.0	1
KU	C1S	2072776	01/2017	01/25/2017	100.010	100.070	100.0	1
KU	C1S	2072777	01/2017	01/25/2017	99.970	100.050	100.1	1
KU	C1S	2072778	01/2017	01/25/2017	99.990	100.100	100.0	1
KU	C1S	2072779	01/2017	01/25/2017	100.020	100.100	100.0	1
KU	C1S	2072780	01/2017	01/25/2017	100.010	100.080	100.1	1
KU	C1S	2072781	01/2017	01/25/2017	100.040	100.070	100.0	1
KU	C1S	2072782	01/2017	01/25/2017	100.020	100.060	100.0	1
KU	C1S	2072783	01/2017	01/25/2017	100.030	100.050	100.0	1
KU	C1S	2072784	01/2017	01/25/2017	99.980	100.080	100.1	1
KU	C1S	2072785	01/2017	01/25/2017	100.050	100.060	100.0	1
KU	C1S	2072786	01/2017	01/25/2017	100.000	100.080	100.1	1
KU	C1S	2072787	01/2017	01/25/2017	99.990	100.070	100.1	1
KU	C1S	2072788	01/2017	01/25/2017	100.020	100.090	100.0	1
KU	C1S	2072789	01/2017	01/25/2017	99.960	100.060	100.0	1
KU	C1S	2072790	01/2017	01/25/2017	99.970	100.080	100.1	1
KU	C1S	2072791	01/2017	01/25/2017	99.990	100.050	100.0	1
KU	C1S	2072792	01/2017	01/25/2017	99.980	100.050	100.0	1
KU	C1S	2072793	01/2017	01/25/2017	100.040	100.070	100.0	1
KU	C1S	2072794	01/2017	01/25/2017	100.000	100.050	100.0	1
KU	C1S	2072795	01/2017	01/25/2017	100.000	100.070	100.0	1
KU	C1S	2072796	01/2017	01/25/2017	100.000	100.040	100.0	1
KU	C1S	2072797	01/2017	01/25/2017	100.010	100.060	100.0	1
KU	C1S	2072798	01/2017	01/25/2017	100.020	100.090	100.0	1
KU	C1S	2072799	01/2017	01/25/2017	100.010	100.090	100.1	1
KU	C1S	2072800	01/2017	01/25/2017	99.980	100.080	100.0	1
KU	C1S	2072801	01/2017	01/25/2017	99.980	100.030	100.0	1
KU	C1S	2072802	01/2017	01/25/2017	100.000	100.080	100.1	1
KU	C1S	2072803	01/2017	01/25/2017	99.980	100.100	100.0	1
KU	C1S	2072804	01/2017	01/25/2017	99.950	100.050	100.0	1
KU	C1S	2072805	01/2017	01/25/2017	100.020	100.070	100.1	1
KU	C1S	2072806	01/2017	01/25/2017	100.000	100.050	100.0	1
KU	C1S	2072807	01/2017	01/25/2017	99.990	100.050	100.0	1
KU	C1S	2072808	01/2017	01/25/2017	99.990	100.030	100.0	1
KU	C1S	2072809	01/2017	01/25/2017	100.010	100.070	100.0	1
KU	C1S	2072810	01/2017	01/25/2017	100.010	100.070	100.0	1
KU	C1S	2072811	01/2017	01/25/2017	100.000	100.080	100.2	1
KU	C1S	2072812	01/2017	01/25/2017	99.990	100.050	100.0	1
KU	C1S	2072813	01/2017	01/25/2017	99.980	100.080	100.1	1
KU	C1S	2072814	01/2017	01/25/2017	99.970	100.080	100.0	1
KU	C1S	2072815	01/2017	01/25/2017	100.020	100.080	100.1	1



KU	C1S	2072816	01/2017	01/25/2017	100.020	100.090	100.0	1
KU	C1S	2072817	01/2017	01/25/2017	99.990	100.050	100.1	1
KU	C1S	2072818	01/2017	01/25/2017	99.970	100.080	100.0	1
KU	C1S	2072819	01/2017	01/25/2017	100.000	100.060	100.0	1
KU	C1S	2072820	01/2017	01/25/2017	100.000	100.070	100.0	1
KU	C1S	2072821	01/2017	01/25/2017	100.020	100.090	100.1	1
KU	C1S	2072822	01/2017	01/25/2017	100.000	100.060	100.1	1
KU	C1S	2072823	01/2017	01/25/2017	100.010	100.060	100.0	1
KU	C1S	2072824	01/2017	01/25/2017	99.980	100.050	100.0	1
KU	C1S	2072825	01/2017	01/25/2017	100.030	100.090	100.0	1
KU	C1S	2072826	01/2017	01/25/2017	100.020	100.090	100.0	1
KU	C1S	2072827	01/2017	01/25/2017	99.990	100.080	100.1	1
KU	C1S	2072828	01/2017	01/25/2017	100.020	100.090	100.1	1
KU	C1S	2072829	01/2017	01/25/2017	100.030	100.080	100.0	1
KU	C1S	2072830	01/2017	01/25/2017	100.020	100.060	100.0	1
KU	C1S	2072831	01/2017	01/25/2017	99.970	100.080	100.1	1
KU	C1S	2072832	01/2017	01/25/2017	100.020	100.110	100.1	1
KU	C1S	2072833	01/2017	01/25/2017	99.990	100.010	100.0	1
KU	C1S	2072834	01/2017	01/25/2017	100.020	100.080	100.1	1
KU	C1S	2072835	01/2017	01/25/2017	99.960	100.100	100.0	1
KU	C1S	2072836	01/2017	01/25/2017	100.010	100.050	100.0	1
KU	C1S	2072837	01/2017	01/25/2017	100.030	100.060	100.0	1
KU	C1S	2072838	01/2017	01/25/2017	100.000	100.090	100.0	1
KU	C1S	2072839	01/2017	01/25/2017	99.990	100.060	100.0	1
KU	C1S	2072840	01/2017	01/25/2017	100.010	100.060	100.0	1
KU	C1S	2072841	01/2017	01/25/2017	99.990	100.070	100.0	1
KU	C1S	2072842	01/2017	01/25/2017	100.020	100.080	100.1	1
KU	C1S	2072843	01/2017	01/25/2017	100.020	100.080	100.1	1
KU	C1S	2072844	01/2017	01/25/2017	100.000	100.070	100.0	1
KU	C1S	2072845	01/2017	01/25/2017	100.030	100.040	100.0	1
KU	C1S	2072846	01/2017	01/25/2017	99.990	100.060	100.0	1
KU	C1S	2072847	01/2017	01/25/2017	100.010	100.080	100.1	1
KU	C1S	2072848	01/2017	01/25/2017	100.030	100.030	100.0	1
KU	C1S	2072849	01/2017	01/25/2017	100.000	100.060	100.0	1
KU	C1S	2072850	01/2017	01/25/2017	100.030	100.060	100.1	1
KU	C1S	2072851	01/2017	01/25/2017	100.000	100.090	100.1	1
KU	C1S	2072852	01/2017	01/25/2017	99.990	100.040	100.0	1
KU	C1S	2072853	01/2017	01/25/2017	99.970	100.060	100.1	1
KU	C1S	2072854	01/2017	01/25/2017	100.000	100.070	100.0	1
KU	C1S	2072855	01/2017	01/25/2017	100.000	100.010	100.0	1
KU	C1S	2072856	01/2017	01/25/2017	99.980	100.030	100.0	1
KU	C1S	2072857	01/2017	01/25/2017	100.010	100.040	100.0	1

KU	C1S	2072858	01/2017	01/25/2017	100.000	100.000	100.1	1
KU	C1S	2072859	01/2017	01/25/2017	100.010	100.060	100.0	1
KU	C1S	2072860	01/2017	01/25/2017	99.980	100.070	100.1	1
KU	C1S	2072861	01/2017	01/25/2017	100.010	100.070	100.0	1
KU	C1S	2072862	01/2017	01/25/2017	100.000	100.060	100.1	1
KU	C1S	2072863	01/2017	01/25/2017	99.950	100.030	100.0	1
KU	C1S	2072864	01/2017	01/25/2017	100.040	99.960	100.0	1
KU	C1S	2072865	01/2017	01/25/2017	99.970	100.020	100.0	1
KU	C1S	2072866	01/2017	01/25/2017	99.980	100.080	100.0	1
KU	C1S	2072867	01/2017	01/25/2017	99.990	99.990	100.0	1
KU	C1S	2072868	01/2017	01/25/2017	100.010	100.010	100.0	1
KU	C1S	2072869	01/2017	01/25/2017	99.990	100.000	100.0	1
KU	C1S	2072870	01/2017	01/25/2017	100.000	99.950	100.0	1
KU	C1S	2072871	01/2017	01/25/2017	99.990	100.000	100.0	1
KU	C1S	2072872	01/2017	01/25/2017	99.980	100.070	100.1	1
KU	C1S	2072873	01/2017	01/25/2017	100.030	99.980	100.0	1
KU	C1S	2072874	01/2017	01/25/2017	99.960	100.070	100.1	1
KU	C1S	2072875	01/2017	01/25/2017	100.030	99.980	100.1	1
KU	C1S	2072876	01/2017	01/25/2017	100.020	100.020	100.0	1
KU	C1S	2072877	01/2017	01/25/2017	99.990	100.070	100.1	1
KU	C1S	2072878	01/2017	01/25/2017	100.000	100.060	100.0	1
KU	C1S	2072879	01/2017	01/25/2017	99.960	100.020	100.0	1
KU	C1S	2072880	01/2017	01/25/2017	99.980	99.920	100.0	1
KU	C1S	2072881	01/2017	01/25/2017	100.010	100.040	100.0	1
KU	C1S	2072882	01/2017	01/25/2017	99.970	100.020	100.0	1
KU	C1S	2072883	01/2017	01/25/2017	99.970	100.000	100.0	1
KU	C1S	2072884	01/2017	01/25/2017	100.010	100.040	100.0	1
KU	C1S	2072885	01/2017	01/25/2017	100.010	99.960	100.0	1
KU	C1S	2072886	01/2017	01/25/2017	99.980	99.990	100.0	1
KU	C1S	2072887	01/2017	01/25/2017	100.000	100.000	100.0	1
KU	C1S	2072888	01/2017	01/25/2017	100.000	99.960	100.0	1
KU	C1S	2072889	01/2017	01/25/2017	99.990	99.960	100.1	1
KU	C1S	2072890	01/2017	01/25/2017	100.000	100.010	100.0	1
KU	C1S	2072891	01/2017	01/25/2017	99.990	99.990	100.0	1
KU	C1S	2072892	01/2017	01/25/2017	99.990	99.980	100.0	1
KU	C1S	2072893	01/2017	01/25/2017	99.970	100.050	100.1	1
KU	C1S	2072894	01/2017	01/25/2017	100.010	99.990	100.0	1
KU	C1S	2072895	01/2017	01/25/2017	99.990	99.980	100.0	1
KU	C1S	2072896	01/2017	01/25/2017	99.970	99.950	100.0	1
KU	C1S	2072897	01/2017	01/25/2017	100.020	100.010	100.0	1
KU	C1S	2072898	01/2017	01/25/2017	100.000	100.050	100.0	1
KU	C1S	2072899	01/2017	01/25/2017	99.960	99.930	99.9	1

KU	C1S	2072900	01/2017	01/25/2017	100.030	99.970	99.9	1
KU	C1S	2072901	01/2017	01/25/2017	100.000	99.970	100.0	1
KU	C1S	2072902	01/2017	01/25/2017	100.030	100.000	100.0	1
KU	C1S	2072903	01/2017	01/25/2017	100.010	100.050	100.0	1
KU	C1S	2072904	01/2017	01/25/2017	100.010	99.940	99.9	1
KU	C1S	2072905	01/2017	01/25/2017	100.000	99.990	100.0	1
KU	C1S	2072906	01/2017	01/25/2017	100.020	99.970	100.0	1
KU	C1S	2072907	01/2017	01/25/2017	99.960	100.010	100.0	1
KU	C1S	2072908	01/2017	01/25/2017	99.990	99.980	100.0	1
KU	C1S	2072909	01/2017	01/25/2017	100.000	99.980	100.0	1
KU	C1S	2072910	01/2017	01/25/2017	99.950	99.960	99.9	1
KU	C1S	2072911	01/2017	01/25/2017	99.990	99.950	100.0	1
KU	C1S	2072912	01/2017	01/25/2017	99.980	99.970	100.0	1
KU	C1S	2072913	01/2017	01/25/2017	100.010	100.030	100.0	1
KU	C1S	2072914	01/2017	01/25/2017	100.030	100.020	100.1	1
KU	C1S	2072915	01/2017	01/25/2017	99.990	100.050	100.0	1
KU	C1S	2072916	01/2017	01/25/2017	99.970	100.030	100.0	1
KU	C1S	2072917	01/2017	01/25/2017	99.990	99.960	100.0	1
KU	C1S	2072918	01/2017	01/25/2017	99.990	99.930	100.0	1
KU	C1S	2072919	01/2017	01/25/2017	99.990	99.920	100.0	1
KU	C1S	2072920	01/2017	01/25/2017	100.010	99.930	99.9	1
KU	C1S	2072921	01/2017	01/25/2017	100.000	99.930	100.0	1
KU	C1S	2072922	01/2017	01/25/2017	100.000	100.030	100.0	1
KU	C1S	2072923	01/2017	01/25/2017	100.020	99.950	100.1	1
KU	C1S	2072924	01/2017	01/25/2017	100.010	100.020	100.0	1
KU	C1S	2072925	01/2017	01/25/2017	100.000	100.010	100.0	1
KU	C1S	2072926	01/2017	01/25/2017	99.980	99.910	100.0	1
KU	C1S	2072927	01/2017	01/25/2017	100.020	100.000	100.1	1
KU	C1S	2072928	01/2017	01/25/2017	100.010	99.970	100.0	1
KU	C1S	2072929	01/2017	01/25/2017	99.990	99.910	100.1	1
KU	C1S	2072930	01/2017	01/25/2017	99.980	99.970	99.9	1
KU	C1S	2072931	01/2017	01/25/2017	100.020	100.020	100.1	1
KU	C1S	2072932	01/2017	01/25/2017	99.980	100.030	100.0	1
KU	C1S	2072933	01/2017	01/25/2017	100.020	99.900	99.9	1
KU	C1S	2072934	01/2017	01/25/2017	99.990	99.970	100.0	1
KU	C1S	2072935	01/2017	01/25/2017	100.000	100.000	100.0	1
KU	C1S	2072936	01/2017	01/25/2017	100.000	100.020	100.0	1
KU	C1S	2072937	01/2017	01/25/2017	100.020	100.010	100.0	1
KU	C1S	2072938	01/2017	01/25/2017	100.020	100.020	100.0	1
KU	C1S	2072939	01/2017	01/25/2017	100.020	99.980	100.1	1
KU	C1S	2072940	01/2017	01/25/2017	100.000	99.990	99.9	1
KU	C1S	2072941	01/2017	01/25/2017	100.000	99.930	99.9	1

KU	C1S	2072942	01/2017	01/25/2017	100.030	99.920	99.9	1
KU	C1S	2072943	01/2017	01/25/2017	100.010	99.980	100.0	1
KU	C1S	2072944	01/2017	01/25/2017	100.030	99.910	99.9	1
KU	C1S	2072945	01/2017	01/25/2017	100.010	100.040	100.0	1
KU	C1S	2072946	01/2017	01/25/2017	100.000	100.030	100.0	1
KU	C1S	2072947	01/2017	01/25/2017	99.990	100.010	100.0	1
KU	C1S	2072948	01/2017	01/25/2017	100.030	100.020	100.0	1
KU	C1S	2072949	01/2017	01/25/2017	100.010	100.020	100.0	1
KU	C1S	2072950	01/2017	01/25/2017	100.000	100.010	100.1	1
KU	C1S	2072951	01/2017	01/25/2017	100.020	99.980	100.0	1
KU	C1S	2072952	01/2017	01/25/2017	100.020	99.940	100.0	1
KU	C1S	2072953	01/2017	01/25/2017	100.010	99.890	100.0	1
KU	C1S	2072954	01/2017	01/25/2017	100.020	100.010	100.0	1
KU	C1S	2072955	01/2017	01/25/2017	99.990	99.990	100.0	1
KU	C1S	2072956	01/2017	01/25/2017	99.980	100.010	100.0	1
KU	C1S	2072957	01/2017	01/25/2017	100.000	99.970	100.0	1
KU	C1S	2072958	01/2017	01/25/2017	100.030	99.950	100.1	1
KU	C1S	2072959	01/2017	01/25/2017	100.040	100.050	100.0	1
KU	C1S	2072960	01/2017	01/25/2017	100.000	100.010	100.0	1
KU	C1S	2072961	01/2017	01/25/2017	100.010	99.910	100.0	1
KU	C1S	2072962	01/2017	01/25/2017	99.990	100.000	100.0	1
KU	C1S	2072963	01/2017	01/25/2017	99.980	100.020	100.0	1
KU	C1S	2072964	01/2017	01/25/2017	100.000	99.920	100.0	1
KU	C1S	2072965	01/2017	01/25/2017	99.980	99.980	100.0	1
KU	C1S	2072966	01/2017	01/25/2017	99.990	100.000	100.0	1
KU	C1S	2072967	01/2017	01/25/2017	99.970	99.930	99.9	1
KU	C1S	2072968	01/2017	01/25/2017	100.000	100.000	100.0	1
KU	C1S	2072969	01/2017	01/25/2017	100.010	99.990	100.0	1
KU	C1S	2072970	01/2017	01/25/2017	99.970	99.960	100.0	1
KU	C1S	2072971	01/2017	01/25/2017	100.030	99.970	100.1	1
KU	C1S	2072972	01/2017	01/25/2017	99.980	99.980	100.0	1
KU	C1S	2072973	01/2017	01/25/2017	99.980	100.020	100.0	1
KU	C1S	2072974	01/2017	01/25/2017	100.020	99.980	100.0	1
KU	C1S	2072975	01/2017	01/25/2017	99.980	99.990	100.1	1
KU	C1S	2072976	01/2017	01/25/2017	100.020	99.960	100.0	1
KU	C1S	2072977	01/2017	01/25/2017	100.010	99.990	100.0	1
KU	C1S	2072978	01/2017	01/25/2017	99.980	99.960	100.0	1
KU	C1S	2072979	01/2017	01/25/2017	100.010	99.980	100.0	1
KU	C1S	2072980	01/2017	01/25/2017	100.040	99.950	100.0	1
KU	C1S	2072981	01/2017	01/25/2017	100.000	99.990	99.9	1
KU	C1S	2072982	01/2017	01/25/2017	100.000	99.960	100.0	1
KU	C1S	2072983	01/2017	01/25/2017	100.000	100.010	100.0	1

KU	C1S	2072984	01/2017	01/25/2017	99.990	99.990	100.0	1
KU	C1S	2072985	01/2017	01/25/2017	100.040	100.000	100.0	1
KU	C1S	2072986	01/2017	01/25/2017	100.000	99.990	100.0	1
KU	C1S	2072987	01/2017	01/25/2017	100.020	99.930	100.0	1
KU	C1S	2072988	01/2017	01/25/2017	99.970	99.920	99.9	1
KU	C1S	2072989	01/2017	01/25/2017	99.960	99.970	99.9	1
KU	C1S	2072990	01/2017	01/25/2017	99.980	99.960	100.0	1
KU	C1S	2072991	01/2017	01/25/2017	100.030	99.960	100.1	1
KU	C1S	2072992	01/2017	01/25/2017	100.000	99.970	100.0	1
KU	C1S	2072993	01/2017	01/25/2017	99.990	99.930	100.1	1
KU	C1S	2072994	01/2017	01/25/2017	99.980	100.010	100.0	1
KU	C1S	2072995	01/2017	01/25/2017	99.990	100.030	100.0	1
KU	C1S	2072996	01/2017	01/25/2017	100.000	99.930	100.0	1
KU	C1S	2072997	01/2017	01/25/2017	99.990	99.960	99.9	1
KU	C1S	2072998	01/2017	01/25/2017	99.980	100.020	100.0	1
KU	C1S	2072999	01/2017	01/25/2017	100.010	99.940	99.9	1
KU	C1S	2073000	01/2017	01/25/2017	100.040	99.940	99.9	1
KU	C1S	2073001	01/2017	01/25/2017	100.020	100.030	100.1	1
KU	C1S	2073002	01/2017	01/25/2017	99.990	100.070	100.0	1
KU	C1S	2073003	01/2017	01/25/2017	99.990	100.010	100.1	1
KU	C1S	2073004	01/2017	01/25/2017	99.990	99.980	99.9	1
KU	C1S	2073005	01/2017	01/25/2017	99.990	99.970	100.0	1
KU	C1S	2073006	01/2017	01/25/2017	100.010	100.030	100.0	1
KU	C1S	2073007	01/2017	01/25/2017	100.000	99.970	100.0	1
KU	C1S	2073008	01/2017	01/25/2017	100.000	99.970	100.0	1
KU	C1S	2073009	01/2017	01/25/2017	100.000	99.980	100.1	1
KU	C1S	2073010	01/2017	01/25/2017	99.990	100.020	100.0	1
KU	C1S	2073011	01/2017	01/25/2017	99.990	100.010	100.0	1
KU	C1S	2073012	01/2017	01/25/2017	99.970	99.960	100.0	1
KU	C1S	2073013	01/2017	01/25/2017	99.980	99.960	100.0	1
KU	C1S	2073014	01/2017	01/25/2017	100.000	100.050	100.0	1
KU	C1S	2073015	01/2017	01/25/2017	100.010	99.930	99.9	1
KU	C1S	2073016	01/2017	01/25/2017	100.010	99.980	100.0	1
KU	C1S	2073017	01/2017	01/25/2017	99.980	100.020	100.2	1
KU	C1S	2073018	01/2017	01/25/2017	100.000	100.010	100.0	1
KU	C1S	2073019	01/2017	01/25/2017	100.020	100.010	100.2	1
KU	C1S	2073020	01/2017	01/25/2017	100.010	99.960	99.9	1
KU	C1S	2073021	01/2017	01/25/2017	99.970	99.950	100.0	1
KU	C1S	2073022	01/2017	01/25/2017	99.980	99.930	100.0	1
KU	C1S	2073023	01/2017	01/25/2017	100.010	99.970	100.0	1
KU	C1S	2073024	01/2017	01/25/2017	100.020	99.980	100.0	1
KU	C1S	2073025	01/2017	01/25/2017	100.000	100.000	100.0	1

KU	C1S	2073026	01/2017	01/25/2017	99.990	99.980	100.0	1
KU	C1S	2073027	01/2017	01/25/2017	99.990	99.940	100.0	1
KU	C1S	2073028	01/2017	01/25/2017	100.010	99.980	100.0	1
KU	C1S	2073029	01/2017	01/25/2017	100.000	99.950	99.9	1
KU	C1S	2073030	01/2017	01/25/2017	99.990	99.960	99.9	1
KU	C1S	2073031	01/2017	01/25/2017	100.010	99.940	100.0	1
KU	C1S	2073032	01/2017	01/25/2017	100.000	100.010	99.9	1
KU	C1S	2073033	01/2017	01/25/2017	99.990	100.000	100.0	1
KU	C1S	2073034	01/2017	01/25/2017	99.990	99.910	99.9	1
KU	C1S	2073035	01/2017	01/25/2017	100.000	99.990	100.0	1
KU	C1S	2073036	01/2017	01/25/2017	100.000	100.000	100.0	1
KU	C1S	2073037	01/2017	01/25/2017	99.990	99.930	99.9	1
KU	C1S	2073038	01/2017	01/25/2017	100.000	99.990	100.0	1
KU	C1S	2073039	01/2017	01/25/2017	99.970	99.990	100.0	1
KU	C1S	2073040	01/2017	01/25/2017	100.030	99.900	99.9	1
KU	C1S	2073041	01/2017	01/25/2017	99.990	100.020	100.0	1
KU	C1S	2073042	01/2017	01/25/2017	99.970	99.930	100.0	1
KU	C1S	2073043	01/2017	01/25/2017	100.010	100.030	100.0	1
KU	C1S	2073044	01/2017	01/25/2017	100.020	99.960	100.0	1
KU	C1S	2073045	01/2017	01/25/2017	100.000	99.950	100.0	1
KU	C1S	2073046	01/2017	01/25/2017	100.030	99.940	100.0	1
KU	C1S	2073047	01/2017	01/25/2017	99.990	100.010	100.0	1
KU	C1S	2073048	01/2017	01/25/2017	100.010	99.950	100.0	1
KU	C1S	2073049	01/2017	01/25/2017	100.020	99.940	100.0	1
KU	C1S	2073050	01/2017	01/25/2017	99.970	100.020	100.0	1
KU	C1S	2073051	01/2017	01/25/2017	100.000	99.950	100.0	1
KU	C1S	2073052	01/2017	01/25/2017	99.970	99.930	99.9	1
KU	C1S	2073053	01/2017	01/25/2017	99.980	99.960	99.9	1
KU	C1S	2073054	01/2017	01/25/2017	100.020	99.970	100.0	1
KU	C1S	2073055	01/2017	01/25/2017	100.000	99.980	100.0	1
KU	C1S	2073056	01/2017	01/25/2017	99.990	99.950	100.0	1
KU	C1S	2073057	01/2017	01/25/2017	99.980	99.990	100.0	1
KU	C1S	2073058	01/2017	01/25/2017	99.990	100.030	100.0	1
KU	C1S	2073059	01/2017	01/25/2017	100.030	99.910	100.0	1
KU	C1S	2073060	01/2017	01/25/2017	99.970	99.960	100.0	1
KU	C1S	2073061	01/2017	01/25/2017	100.000	99.960	100.0	1
KU	C1S	2073062	01/2017	01/25/2017	99.990	100.010	100.0	1
KU	C1S	2073063	01/2017	01/25/2017	99.980	100.010	100.0	1
KU	C1S	2073064	01/2017	01/25/2017	99.970	99.980	100.0	1
KU	C1S	2073065	01/2017	01/25/2017	99.990	99.970	100.0	1
KU	C1S	2073066	01/2017	01/25/2017	99.970	100.010	100.0	1
KU	C1S	2073067	01/2017	01/25/2017	100.000	99.980	99.9	1

KU	C1S	2073068	01/2017	01/25/2017	100.010	100.010	100.0	1
KU	C1S	2073069	01/2017	01/25/2017	99.980	99.990	100.0	1
KU	C1S	2073070	01/2017	01/25/2017	100.030	100.020	100.0	1
KU	C1S	2073071	01/2017	01/25/2017	100.010	99.970	100.0	1
KU	C1S	2073072	01/2017	01/25/2017	99.990	99.930	100.0	1
KU	C1S	2073073	01/2017	01/25/2017	100.000	99.970	100.0	1
KU	C1S	2073074	01/2017	01/25/2017	99.980	100.050	100.1	1
KU	C1S	2073075	01/2017	01/25/2017	99.990	99.940	100.0	1
KU	C1S	2073076	01/2017	01/25/2017	99.990	99.990	100.0	1
KU	C1S	2073077	01/2017	01/25/2017	99.970	100.000	100.0	1
KU	C1S	2073078	01/2017	01/25/2017	100.000	99.990	100.0	1
KU	C1S	2073079	01/2017	01/25/2017	99.960	100.020	100.1	1
KU	C1S	2073080	01/2017	01/25/2017	100.020	99.970	100.0	1
KU	C1S	2073081	01/2017	01/25/2017	100.010	100.000	100.0	1
KU	C1S	2073082	01/2017	01/25/2017	100.010	99.980	100.0	1
KU	C1S	2073083	01/2017	01/25/2017	100.020	100.010	100.0	1
KU	C1S	2073084	01/2017	01/25/2017	99.970	99.980	100.0	1
KU	C1S	2073085	01/2017	01/25/2017	99.990	100.010	100.0	1
KU	C1S	2073086	01/2017	01/25/2017	100.020	100.030	100.0	1
KU	C1S	2073087	01/2017	01/25/2017	99.980	99.950	100.0	1
KU	C1S	2073088	01/2017	01/25/2017	99.980	99.990	100.0	1
KU	C1S	2073089	01/2017	01/25/2017	100.000	99.990	100.0	1
KU	C1S	2073090	01/2017	01/25/2017	100.020	100.000	100.0	1
KU	C1S	2073091	01/2017	01/25/2017	99.970	100.010	100.0	1
KU	C1S	2073092	01/2017	01/25/2017	100.020	99.990	100.0	1
KU	C1S	2073093	01/2017	01/25/2017	100.000	100.070	100.1	1
KU	C1S	2073094	01/2017	01/25/2017	99.980	99.990	100.0	1
KU	C1S	2073095	01/2017	01/25/2017	100.010	100.000	100.0	1
KU	C1S	2073096	01/2017	01/25/2017	99.990	99.980	100.0	1
KU	C1S	2073097	01/2017	01/25/2017	100.020	99.960	100.0	1
KU	C1S	2073098	01/2017	01/25/2017	100.010	99.970	100.0	1
KU	C1S	2073099	01/2017	01/25/2017	100.000	99.980	100.0	1
KU	C1S	2073100	01/2017	01/25/2017	100.010	100.020	100.0	1
KU	C1S	2073101	01/2017	01/25/2017	100.030	99.990	100.0	1
KU	C1S	2073102	01/2017	01/25/2017	99.980	99.950	99.9	1
KU	C1S	2073103	01/2017	01/25/2017	99.990	99.940	100.0	1
KU	C1S	2073104	01/2017	01/25/2017	100.010	100.020	100.0	1
KU	C1S	2073105	01/2017	01/25/2017	100.040	99.990	100.0	1
KU	C1S	2073106	01/2017	01/25/2017	100.000	100.020	100.0	1
KU	C1S	2073107	01/2017	01/25/2017	100.020	100.060	100.1	1
KU	C1S	2073108	01/2017	01/25/2017	100.010	100.020	100.1	1
KU	C1S	2073109	01/2017	01/25/2017	99.980	100.030	100.0	1

KU	C1S	2073110	01/2017	01/25/2017	99.980	99.980	100.0	1
KU	C1S	2073111	01/2017	01/25/2017	100.010	100.060	100.0	1
KU	C1S	2073112	01/2017	01/25/2017	99.980	99.940	99.9	1
KU	C1S	2073113	01/2017	01/25/2017	100.020	99.980	100.0	1
KU	C1S	2073114	01/2017	01/25/2017	99.990	99.980	100.0	1
KU	C1S	2073115	01/2017	01/25/2017	100.020	100.060	100.0	1
KU	C1S	2073116	01/2017	01/25/2017	100.000	99.960	100.1	1
KU	C1S	2073117	01/2017	01/25/2017	100.020	99.980	100.0	1
KU	C1S	2073118	01/2017	01/25/2017	100.000	99.970	100.0	1
KU	C1S	2073119	01/2017	01/25/2017	99.970	99.990	100.0	1
KU	C1S	2073120	01/2017	01/25/2017	100.000	100.040	100.0	1
KU	C1S	2073121	01/2017	01/25/2017	100.000	100.010	100.0	1
KU	C1S	2073122	01/2017	01/25/2017	100.040	100.010	100.1	1
KU	C1S	2073123	01/2017	01/25/2017	99.970	100.030	100.1	1
KU	C1S	2073124	01/2017	01/25/2017	99.980	99.980	100.0	1
KU	C1S	2073125	01/2017	01/25/2017	100.010	99.990	100.0	1
KU	C1S	2073126	01/2017	01/25/2017	100.000	99.940	100.0	1
KU	C1S	2073127	01/2017	01/25/2017	100.010	100.070	100.0	1
KU	C1S	2073128	01/2017	01/25/2017	100.010	99.950	100.1	1
KU	C1S	2073129	01/2017	01/25/2017	99.970	99.950	100.0	1
KU	C1S	2073130	01/2017	01/25/2017	100.000	100.050	100.0	1
KU	C1S	2073131	01/2017	01/25/2017	99.980	100.030	100.0	1
KU	C1S	2073132	01/2017	01/25/2017	100.030	99.990	100.0	1
KU	C1S	2073133	01/2017	01/25/2017	100.020	99.980	100.0	1
KU	C1S	2073134	01/2017	01/25/2017	100.000	100.000	100.0	1
KU	C1S	2073135	01/2017	01/25/2017	100.000	100.090	100.1	1
KU	C1S	2073136	01/2017	01/25/2017	100.010	99.950	100.0	1
KU	C1S	2073137	01/2017	01/25/2017	100.010	99.970	99.9	1
KU	C1S	2073138	01/2017	01/25/2017	100.010	99.970	100.0	1
KU	C1S	2073139	01/2017	01/25/2017	100.000	100.060	100.0	1
KU	C1S	2073140	01/2017	01/25/2017	99.990	100.010	100.0	1
KU	C1S	2073141	01/2017	01/25/2017	99.980	100.060	100.1	1
KU	C1S	2073142	01/2017	01/25/2017	100.020	99.990	100.0	1
KU	C1S	2073143	01/2017	01/25/2017	100.000	99.990	100.1	1
KU	C1S	2073144	01/2017	01/25/2017	99.970	100.000	100.0	1
KU	C1S	2073145	01/2017	01/25/2017	99.990	99.980	100.0	1
KU	C1S	2073146	01/2017	01/25/2017	99.990	99.990	100.0	1
KU	C1S	2073147	01/2017	01/25/2017	100.010	99.960	100.0	1
KU	C1S	2073148	01/2017	01/25/2017	99.990	100.060	100.1	1
KU	C1S	2073149	01/2017	01/25/2017	100.010	100.010	100.0	1
KU	C1S	2073150	01/2017	01/25/2017	100.010	99.990	100.0	1
KU	C1S	2073151	01/2017	01/25/2017	100.030	99.990	100.0	1



KU	C1S	2073152	01/2017	01/25/2017	100.010	100.020	100.1	1
KU	C1S	2073153	01/2017	01/25/2017	99.970	100.020	100.1	1
KU	C1S	2073154	01/2017	01/25/2017	100.000	100.040	100.0	1
KU	C1S	2073155	01/2017	01/25/2017	100.010	100.000	100.0	1
KU	C1S	2073156	01/2017	01/25/2017	100.010	100.030	100.0	1
KU	C1S	2073157	01/2017	01/25/2017	100.020	100.090	100.0	1
KU	C1S	2073158	01/2017	01/25/2017	99.960	100.020	100.1	1
KU	C1S	2073159	01/2017	01/25/2017	100.010	99.990	100.0	1
KU	C1S	2073160	01/2017	01/25/2017	99.980	100.010	100.0	1
KU	C1S	2073161	01/2017	01/25/2017	100.040	100.000	100.0	1
KU	C1S	2073162	01/2017	01/25/2017	100.000	100.060	100.1	1
KU	C1S	2073163	01/2017	01/25/2017	100.000	100.000	100.0	1
KU	C1S	2073164	01/2017	01/25/2017	100.000	99.950	99.9	1
KU	C1S	2073165	01/2017	01/25/2017	99.960	99.940	100.0	1
KU	C1S	2073166	01/2017	01/25/2017	100.010	100.070	100.1	1
KU	C1S	2073167	01/2017	01/25/2017	99.940	100.000	100.1	1
KU	C1S	2073168	01/2017	01/25/2017	100.000	100.080	100.0	1
KU	C1S	2073169	01/2017	01/25/2017	100.030	100.040	100.1	1
KU	C1S	2073170	01/2017	01/25/2017	100.050	100.020	100.0	1
KU	C1S	2073171	01/2017	01/25/2017	100.000	100.000	100.0	1
KU	C1S	2073172	01/2017	01/25/2017	99.980	99.980	100.0	1
KU	C1S	2073173	01/2017	01/25/2017	100.000	100.010	100.0	1
KU	C1S	2073174	01/2017	01/25/2017	100.000	100.080	100.0	1
KU	C1S	2073175	01/2017	01/25/2017	100.000	100.050	100.0	1
KU	C1S	2073176	01/2017	01/25/2017	100.000	99.970	100.0	1
KU	C1S	2073177	01/2017	01/25/2017	100.020	99.980	100.0	1
KU	C1S	2073178	01/2017	01/25/2017	99.980	100.000	100.0	1
KU	C1S	2073179	01/2017	01/25/2017	100.030	100.050	100.1	1
KU	C1S	2073180	01/2017	01/25/2017	99.990	99.970	100.0	1
KU	C1S	2073181	01/2017	01/25/2017	100.010	99.990	100.0	1
KU	C1S	2073182	01/2017	01/25/2017	100.000	100.050	100.1	1
KU	C1S	2073183	01/2017	01/25/2017	100.010	99.960	99.9	1
KU	C1S	2073184	01/2017	01/25/2017	99.990	100.020	100.1	1
KU	C1S	2073185	01/2017	01/25/2017	99.990	99.980	100.0	1
KU	C1S	2073186	01/2017	01/25/2017	99.960	99.970	100.0	1
KU	C1S	2073187	01/2017	01/25/2017	99.990	99.960	100.0	1
KU	C1S	2073188	01/2017	01/25/2017	100.020	100.000	100.1	1
KU	C1S	2073189	01/2017	01/25/2017	100.040	100.020	100.0	1
KU	C1S	2073190	01/2017	01/25/2017	100.000	99.950	99.9	1
KU	C1S	2073191	01/2017	01/25/2017	99.980	99.990	100.0	1
KU	C1S	2073192	01/2017	01/25/2017	100.010	100.070	100.1	1
KU	C1S	2073193	01/2017	01/25/2017	100.020	100.080	100.1	1

KU	C1S	2073194	01/2017	01/25/2017	100.000	100.020	100.0	1
KU	C1S	2073195	01/2017	01/25/2017	100.020	99.980	100.0	1
KU	C1S	2073196	01/2017	01/25/2017	100.010	100.010	100.0	1
KU	C1S	2073197	01/2017	01/25/2017	100.000	99.970	100.0	1
KU	C1S	2073198	01/2017	01/25/2017	100.020	100.050	100.1	1
KU	C1S	2073199	01/2017	01/25/2017	99.990	100.050	100.0	1
KU	C1S	2073200	01/2017	01/25/2017	99.960	99.950	100.0	1
KU	C1S	2073201	01/2017	01/25/2017	100.020	100.020	100.0	1
KU	C1S	2073202	01/2017	01/25/2017	100.020	99.970	100.0	1
KU	C1S	2073203	01/2017	01/25/2017	100.010	99.970	100.0	1
KU	C1S	2073204	01/2017	01/25/2017	99.960	100.070	100.1	1
KU	C1S	2073205	01/2017	01/25/2017	99.970	99.990	100.0	1
KU	C1S	2073206	01/2017	01/25/2017	99.990	99.980	100.0	1
KU	C1S	2073207	01/2017	01/25/2017	100.040	99.970	100.0	1
KU	C1S	2073208	01/2017	01/25/2017	100.000	99.980	100.0	1
KU	C1S	2073209	01/2017	01/25/2017	99.990	100.040	100.0	1
KU	C1S	2073210	01/2017	01/25/2017	100.010	99.960	99.9	1
KU	C1S	2073211	01/2017	01/25/2017	100.010	99.980	100.0	1
KU	C1S	2073212	01/2017	01/25/2017	99.990	100.010	100.2	1
KU	C1S	2073213	01/2017	01/25/2017	100.010	100.040	100.0	1
KU	C1S	2073214	01/2017	01/25/2017	99.960	99.990	100.0	1
KU	C1S	2073215	01/2017	01/25/2017	99.960	99.990	100.0	1
KU	C1S	2073216	01/2017	01/25/2017	100.010	100.050	100.0	1
KU	C1S	2073217	01/2017	01/25/2017	100.020	99.990	100.0	1
KU	C1S	2073218	01/2017	01/25/2017	100.010	100.020	100.1	1
KU	C1S	2073219	01/2017	01/25/2017	100.010	99.990	100.1	1
KU	C1S	2073220	01/2017	01/25/2017	100.020	99.870	99.9	1
KU	C1S	2073221	01/2017	01/25/2017	100.010	99.910	99.9	1
KU	C1S	2073222	01/2017	01/25/2017	100.020	100.080	100.0	1
KU	C1S	2073223	01/2017	01/25/2017	100.010	99.990	100.0	1
KU	C1S	2073224	01/2017	01/25/2017	99.990	100.010	99.9	1
KU	C1S	2073225	01/2017	01/25/2017	100.000	100.000	100.0	1
KU	C1S	2073226	01/2017	01/25/2017	99.970	100.050	100.0	1
KU	C1S	2073227	01/2017	01/25/2017	100.050	100.000	100.0	1
KU	C1S	2073228	01/2017	01/25/2017	100.030	100.000	100.0	1
KU	C1S	2073229	01/2017	01/25/2017	99.980	99.910	100.0	1
KU	C1S	2073230	01/2017	01/25/2017	100.010	99.930	100.1	1
KU	C1S	2073231	01/2017	01/25/2017	100.040	99.940	100.0	1
KU	C1S	2073232	01/2017	01/25/2017	100.030	99.950	100.1	1
KU	C1S	2073233	01/2017	01/25/2017	100.020	99.940	100.0	1
KU	C1S	2073234	01/2017	01/25/2017	99.990	99.930	100.0	1
KU	C1S	2073235	01/2017	01/25/2017	100.000	99.910	99.9	1

KU	C1S	2073236	01/2017	01/25/2017	99.990	99.990	100.0	1
KU	C1S	2073237	01/2017	01/25/2017	100.040	99.930	100.1	1
KU	C1S	2073238	01/2017	01/25/2017	99.990	99.940	99.9	1
KU	C1S	2073239	01/2017	01/25/2017	100.000	100.000	100.1	1
KU	C1S	2073240	01/2017	01/25/2017	100.030	100.020	100.0	1
KU	C1S	2073241	01/2017	01/25/2017	100.020	99.960	100.0	1
KU	C1S	2073242	01/2017	01/25/2017	100.010	99.980	100.0	1
KU	C1S	2073243	01/2017	01/25/2017	100.010	100.010	100.0	1
KU	C1S	2073244	01/2017	01/25/2017	100.010	99.940	99.9	1
KU	C1S	2073245	01/2017	01/25/2017	100.040	99.890	100.0	1
KU	C1S	2073246	01/2017	01/25/2017	100.000	99.950	100.0	1
KU	C1S	2073247	01/2017	01/25/2017	100.000	99.970	100.0	1
KU	C1S	2073248	01/2017	01/25/2017	100.000	100.020	100.0	1
KU	C1S	2073249	01/2017	01/25/2017	99.990	100.000	100.0	1
KU	C1S	2073250	01/2017	01/25/2017	100.030	100.060	100.0	1
KU	C1S	2073251	01/2017	01/25/2017	100.010	100.030	100.0	1
KU	C1S	2073252	01/2017	01/25/2017	99.990	99.940	99.9	1
KU	C1S	2073253	01/2017	01/25/2017	99.990	100.070	100.0	1
KU	C1S	2073254	01/2017	01/25/2017	99.980	99.980	100.0	1
KU	C1S	2073255	01/2017	01/25/2017	99.990	99.990	100.0	1
KU	C1S	2073256	01/2017	01/25/2017	100.010	99.930	99.9	1
KU	C1S	2073257	01/2017	01/25/2017	100.000	100.030	100.0	1
KU	C1S	2073258	01/2017	01/25/2017	99.990	100.060	100.0	1
KU	C1S	2073259	01/2017	01/25/2017	100.010	99.890	100.0	1
KU	C1S	2073260	01/2017	01/25/2017	100.020	99.950	99.9	1
KU	C1S	2073261	01/2017	01/25/2017	100.000	99.980	100.0	1
KU	C1S	2073262	01/2017	01/25/2017	100.020	99.900	100.0	1
KU	C1S	2073263	01/2017	01/25/2017	100.000	99.920	100.0	1
KU	C1S	2073264	01/2017	01/25/2017	99.990	100.000	100.0	1
KU	C1S	2073265	01/2017	01/25/2017	100.020	100.050	100.0	1
KU	C1S	2073266	01/2017	01/25/2017	99.980	99.990	99.9	1
KU	C1S	2073267	01/2017	01/25/2017	99.950	99.910	99.9	1
KU	C1S	2073268	01/2017	01/25/2017	100.000	99.970	100.0	1
KU	C1S	2073269	01/2017	01/25/2017	99.980	99.950	99.9	1
KU	C1S	2073270	01/2017	01/25/2017	100.000	100.020	100.0	1
KU	C1S	2073271	01/2017	01/25/2017	99.990	99.970	100.0	1
KU	C1S	2073272	01/2017	01/25/2017	99.990	99.980	100.0	1
KU	C1S	2073273	01/2017	01/25/2017	100.000	100.020	100.0	1
KU	C1S	2073274	01/2017	01/25/2017	99.970	100.010	100.0	1
KU	C1S	2073275	01/2017	01/25/2017	100.010	99.930	100.0	1
KU	C1S	2073276	01/2017	01/25/2017	99.980	100.030	100.0	1
KU	C1S	2073277	01/2017	01/25/2017	100.010	99.960	99.9	1

KU	C1S	2073278	01/2017	01/25/2017	99.950	99.940	100.0	1
KU	C1S	2073279	01/2017	01/25/2017	100.020	99.920	99.9	1
KU	C1S	2073280	01/2017	01/25/2017	100.020	100.070	100.1	1
KU	C1S	2073281	01/2017	01/25/2017	100.010	100.000	100.0	1
KU	C1S	2073282	01/2017	01/25/2017	99.990	99.960	100.0	1
KU	C1S	2073283	01/2017	01/25/2017	100.020	99.980	100.0	1
KU	C1S	2073284	01/2017	01/25/2017	100.040	100.010	100.0	1
KU	C1S	2073285	01/2017	01/25/2017	99.990	100.030	100.0	1
KU	C1S	2073286	01/2017	01/25/2017	100.000	99.950	100.0	1
KU	C1S	2073287	01/2017	01/25/2017	99.980	99.980	100.0	1
KU	C1S	2073288	01/2017	01/25/2017	99.990	100.010	100.0	1
KU	C1S	2073289	01/2017	01/25/2017	100.030	100.020	100.1	1
KU	C1S	2073290	01/2017	01/25/2017	100.010	99.950	99.9	1
KU	C1S	2073291	01/2017	01/25/2017	99.980	99.980	100.0	1
KU	C1S	2073292	01/2017	01/25/2017	100.010	99.990	100.0	1
KU	C1S	2073293	01/2017	01/25/2017	99.990	100.000	100.0	1
KU	C1S	2073294	01/2017	01/25/2017	100.020	99.970	99.9	1
KU	C1S	2073295	01/2017	01/25/2017	99.990	100.010	100.0	1
KU	C1S	2073296	01/2017	01/25/2017	100.020	100.000	100.0	1
KU	C1S	2073297	01/2017	01/25/2017	99.950	100.070	100.0	1
KU	C1S	2073298	01/2017	01/25/2017	99.970	99.950	100.0	1
KU	C1S	2073299	01/2017	01/25/2017	99.990	100.000	100.0	1
KU	C1S	2073300	01/2017	01/25/2017	99.990	100.030	100.1	1
KU	C1S	2073301	01/2017	01/25/2017	99.980	99.960	100.0	1
KU	C1S	2073302	01/2017	01/25/2017	100.000	100.000	100.0	1
KU	C1S	2073303	01/2017	01/25/2017	99.990	99.960	99.9	1
KU	C1S	2073304	01/2017	01/25/2017	100.010	100.000	100.0	1
KU	C1S	2073305	01/2017	01/25/2017	99.990	99.980	100.0	1
KU	C1S	2073306	01/2017	01/25/2017	99.990	99.950	100.0	1
KU	C1S	2073307	01/2017	01/25/2017	99.970	100.020	100.0	1
KU	C1S	2073308	01/2017	01/25/2017	99.970	100.040	100.0	1
KU	C1S	2073309	01/2017	01/25/2017	100.000	100.000	100.0	1
KU	C1S	2073310	01/2017	01/25/2017	99.970	99.930	99.9	1
KU	C1S	2073311	01/2017	01/25/2017	100.030	99.910	100.0	1
KU	C1S	2073312	01/2017	01/25/2017	99.980	100.000	100.0	1
KU	C1S	2073313	01/2017	01/25/2017	100.020	100.010	100.0	1
KU	C1S	2073314	01/2017	01/25/2017	99.990	100.030	100.0	1
KU	C1S	2073315	01/2017	01/25/2017	99.970	99.980	100.0	1
KU	C1S	2073316	01/2017	01/25/2017	100.000	99.970	100.0	1
KU	C1S	2073317	01/2017	01/25/2017	100.030	100.030	100.0	1
KU	C1S	2073318	01/2017	01/25/2017	99.960	99.920	99.9	1
KU	C1S	2073319	01/2017	01/25/2017	99.980	99.910	99.9	1

KU	C1S	2073320	01/2017	01/25/2017	99.980	99.990	100.0	1
KU	C1S	2073321	01/2017	01/25/2017	99.990	99.990	100.0	1
KU	C1S	2073322	01/2017	01/25/2017	100.040	99.900	100.0	1
KU	C1S	2073323	01/2017	01/25/2017	100.010	100.000	100.0	1
KU	C1S	2073324	01/2017	01/25/2017	100.010	99.880	99.9	1
KU	C1S	2073325	01/2017	01/25/2017	100.000	99.930	100.0	1
KU	C1S	2073326	01/2017	01/25/2017	100.010	99.980	100.0	1
KU	C1S	2073327	01/2017	01/25/2017	99.950	100.020	100.0	1
KU	C1S	2073328	01/2017	01/25/2017	100.020	99.980	100.0	1
KU	C1S	2073329	01/2017	01/25/2017	100.010	99.980	100.0	1
KU	C1S	2073330	01/2017	01/25/2017	100.000	99.990	100.0	1
KU	C1S	2073331	01/2017	01/25/2017	99.990	100.080	100.0	1
KU	C1S	2073332	01/2017	01/25/2017	100.010	100.000	100.0	1
KU	C1S	2073333	01/2017	01/25/2017	100.000	100.070	100.1	1
KU	C1S	2073334	01/2017	01/25/2017	99.970	99.910	99.9	1
KU	C1S	2073335	01/2017	01/25/2017	99.980	100.080	100.0	1
KU	C1S	2073336	01/2017	01/25/2017	99.970	99.960	100.0	1
KU	C1S	2073337	01/2017	01/25/2017	99.990	99.990	100.0	1
KU	C1S	2073338	01/2017	01/25/2017	99.980	100.000	100.0	1
KU	C1S	2073339	01/2017	01/25/2017	99.980	99.950	99.9	1
KU	C1S	2073340	01/2017	01/25/2017	100.010	99.970	100.0	1
KU	C1S	2073341	01/2017	01/25/2017	100.010	100.050	100.0	1
KU	C1S	2073342	01/2017	01/25/2017	99.990	99.930	100.0	1
KU	C1S	2073343	01/2017	01/25/2017	99.980	100.000	100.0	1
KU	C1S	2073344	01/2017	01/25/2017	100.040	99.990	100.0	1
KU	C1S	2073345	01/2017	01/25/2017	100.020	100.060	100.0	1
KU	C1S	2073346	01/2017	01/25/2017	99.980	100.080	100.0	1
KU	C1S	2073347	01/2017	01/25/2017	100.030	99.960	100.0	1
KU	C1S	2073348	01/2017	01/25/2017	100.020	100.030	100.0	1
KU	C1S	2073349	01/2017	01/25/2017	100.010	100.020	100.0	1
KU	C1S	2073350	01/2017	01/25/2017	100.010	100.060	100.1	1
KU	C1S	2073351	01/2017	01/25/2017	100.020	100.030	100.0	1
KU	C1S	2073352	01/2017	01/25/2017	100.000	99.910	99.9	1
KU	C1S	2073353	01/2017	01/25/2017	99.980	100.060	100.1	1
KU	C1S	2073354	01/2017	01/25/2017	100.040	100.040	100.0	1
KU	C1S	2073355	01/2017	01/25/2017	100.010	100.010	100.0	1
KU	C1S	2073356	01/2017	01/25/2017	100.030	100.040	100.0	1
KU	C1S	2073357	01/2017	01/25/2017	100.020	100.040	100.0	1
KU	C1S	2073358	01/2017	01/25/2017	100.010	100.090	100.0	1
KU	C1S	2073359	01/2017	01/25/2017	100.000	100.080	100.0	1
KU	C1S	2073360	01/2017	01/25/2017	99.990	100.080	100.0	1
KU	C1S	2073361	01/2017	01/25/2017	100.000	100.030	100.0	1

KU	C1S	2073362	01/2017	01/25/2017	99.990	100.060	100.0	1
KU	C1S	2073363	01/2017	01/25/2017	100.010	100.050	100.1	1
KU	C1S	2073364	01/2017	01/25/2017	99.980	100.000	100.0	1
KU	C1S	2073365	01/2017	01/25/2017	99.980	100.090	100.0	1
KU	C1S	2073366	01/2017	01/25/2017	99.990	99.960	100.0	1
KU	C1S	2073367	01/2017	01/25/2017	100.000	100.080	100.1	1
KU	C1S	2073368	01/2017	01/25/2017	100.010	100.010	100.0	1
KU	C1S	2073369	01/2017	01/25/2017	99.980	100.040	100.0	1
KU	C1S	2073370	01/2017	01/25/2017	100.000	100.050	100.0	1
KU	C1S	2073371	01/2017	01/25/2017	99.970	100.080	100.0	1
KU	C1S	2073372	01/2017	01/25/2017	99.980	100.070	100.0	1
KU	C1S	2073373	01/2017	01/25/2017	100.010	100.040	100.0	1
KU	C1S	2073374	01/2017	01/25/2017	100.010	100.000	100.0	1
KU	C1S	2073375	01/2017	01/25/2017	99.980	99.970	100.0	1
KU	C1S	2073376	01/2017	01/25/2017	100.000	100.090	100.1	1
KU	C1S	2073377	01/2017	01/25/2017	100.020	100.070	100.1	1
KU	C1S	2073378	01/2017	01/25/2017	100.020	100.090	100.0	1
KU	C1S	2073379	01/2017	01/25/2017	99.990	100.060	100.1	1
KU	C1S	2073380	01/2017	01/25/2017	100.020	100.000	100.0	1
KU	C1S	2073381	01/2017	01/25/2017	99.950	100.020	100.0	1
KU	C1S	2073382	01/2017	01/25/2017	99.990	100.040	100.1	1
KU	C1S	2073383	01/2017	01/25/2017	100.030	100.060	100.0	1
KU	C1S	2073384	01/2017	01/25/2017	100.000	100.010	100.1	1
KU	C1S	2073385	01/2017	01/25/2017	99.990	100.040	100.0	1
KU	C1S	2073386	01/2017	01/25/2017	99.960	100.090	100.1	1
KU	C1S	2073387	01/2017	01/25/2017	99.950	100.080	100.0	1
KU	C1S	2073388	01/2017	01/25/2017	100.010	100.050	100.0	1
KU	C1S	2073389	01/2017	01/25/2017	99.980	100.050	100.0	1
KU	C1S	2073390	01/2017	01/25/2017	100.000	100.040	100.0	1
KU	C1S	2073391	01/2017	01/25/2017	100.000	100.070	100.1	1
KU	C1S	2073392	01/2017	01/25/2017	99.990	100.030	100.0	1
KU	C1S	2073393	01/2017	01/25/2017	100.000	100.040	100.1	1
KU	C1S	2073394	01/2017	01/25/2017	100.000	100.040	100.1	1
KU	C1S	2073395	01/2017	01/25/2017	99.990	100.060	100.0	1
KU	C1S	2073396	01/2017	01/25/2017	100.020	100.060	100.0	1
KU	C1S	2073397	01/2017	01/25/2017	100.000	100.070	100.1	1
KU	C1S	2073398	01/2017	01/25/2017	100.020	100.090	100.0	1
KU	C1S	2073399	01/2017	01/25/2017	99.980	100.070	100.0	1
KU	C1S	2073400	01/2017	01/25/2017	99.990	100.070	100.0	1
KU	C1S	2073401	01/2017	01/25/2017	100.000	100.090	100.0	1
KU	C1S	2073402	01/2017	01/25/2017	100.030	100.080	100.0	1
KU	C1S	2073403	01/2017	01/25/2017	100.010	100.020	100.0	1

KU	C1S	2073404	01/2017	01/25/2017	99.980	100.030	100.0	1
KU	C1S	2073405	01/2017	01/25/2017	100.030	100.040	100.0	1
KU	C1S	2073406	01/2017	01/25/2017	99.990	100.050	100.0	1
KU	C1S	2073407	01/2017	01/25/2017	99.980	100.040	100.1	1
KU	C1S	2073408	01/2017	01/25/2017	100.000	100.080	100.1	1
KU	C1S	2073409	01/2017	01/25/2017	100.020	100.050	100.1	1
KU	C1S	2073410	01/2017	01/25/2017	100.010	100.050	100.0	1
KU	C1S	2073411	01/2017	01/25/2017	100.010	100.050	100.1	1
KU	C1S	2073412	01/2017	01/25/2017	100.020	100.060	100.0	1
KU	C1S	2073413	01/2017	01/25/2017	99.990	100.090	100.0	1
KU	C1S	2073414	01/2017	01/25/2017	99.970	100.020	100.1	1
KU	C1S	2073415	01/2017	01/25/2017	100.010	100.080	100.1	1
KU	C1S	2073416	01/2017	01/25/2017	99.990	100.030	100.0	1
KU	C1S	2073417	01/2017	01/25/2017	100.000	100.070	100.1	1
KU	C1S	2073418	01/2017	01/25/2017	100.010	100.030	100.1	1
KU	C1S	2073419	01/2017	01/25/2017	99.970	100.030	100.0	1
KU	C1S	2073420	01/2017	01/25/2017	99.990	100.060	100.0	1
KU	C1S	2073421	01/2017	01/25/2017	100.000	100.080	100.1	1
KU	C1S	2073422	01/2017	01/25/2017	100.020	100.050	100.0	1
KU	C1S	2073423	01/2017	01/25/2017	100.020	100.080	100.0	1
KU	C1S	2073424	01/2017	01/25/2017	100.000	100.020	100.0	1
KU	C1S	2073425	01/2017	01/25/2017	100.010	100.080	100.0	1
KU	C1S	2073426	01/2017	01/25/2017	99.960	99.980	100.1	1
KU	C1S	2073427	01/2017	01/25/2017	100.000	100.050	100.1	1
KU	C1S	2073428	01/2017	01/25/2017	99.980	100.050	100.0	1
KU	C1S	2073429	01/2017	01/25/2017	99.980	100.070	100.0	1
KU	C1S	2073430	01/2017	01/25/2017	100.020	100.060	100.0	1
KU	C1S	2073431	01/2017	01/25/2017	100.020	100.060	100.0	1
KU	C1S	2073432	01/2017	01/25/2017	100.000	100.030	100.0	1
KU	C1S	2073433	01/2017	01/25/2017	100.020	100.050	100.0	1
KU	C1S	2073434	01/2017	01/25/2017	99.990	100.020	100.0	1
KU	C1S	2073435	01/2017	01/25/2017	99.980	100.080	100.0	1
KU	C1S	2073436	01/2017	01/25/2017	100.000	100.090	100.0	1
KU	C1S	2073437	01/2017	01/25/2017	99.980	100.070	100.0	1
KU	C1S	2073438	01/2017	01/25/2017	100.040	100.060	100.0	1
KU	C1S	2073439	01/2017	01/25/2017	100.000	100.060	100.0	1
KU	C1S	2073440	01/2017	01/25/2017	99.990	100.080	100.0	1
KU	C1S	2073441	01/2017	01/25/2017	100.000	100.040	100.0	1
KU	C1S	2073442	01/2017	01/25/2017	99.980	100.060	100.0	1
KU	C1S	2073443	01/2017	01/25/2017	100.010	100.090	100.0	1
KU	C1S	2073444	01/2017	01/25/2017	100.040	100.060	100.0	1
KU	C1S	2073445	01/2017	01/25/2017	100.030	100.060	100.0	1

KU	C1S	2073446	01/2017	01/25/2017	100.000	100.090	100.0	1
KU	C1S	2073447	01/2017	01/25/2017	99.980	100.020	100.0	1
KU	C1S	2073448	01/2017	01/25/2017	100.020	100.060	100.0	1
KU	C1S	2073449	01/2017	01/25/2017	100.010	100.070	100.1	1
KU	C1S	2073450	01/2017	01/25/2017	100.020	100.060	100.1	1
KU	C1S	2073451	01/2017	01/25/2017	99.960	100.080	100.0	1
KU	C1S	2073452	01/2017	01/25/2017	99.970	99.990	100.0	1
KU	C1S	2073453	01/2017	01/25/2017	99.990	100.070	100.0	1
KU	C1S	2073454	01/2017	01/25/2017	100.010	100.070	100.1	1
KU	C1S	2073455	01/2017	01/25/2017	100.010	100.020	100.0	1
KU	C1S	2073456	01/2017	01/25/2017	100.030	100.060	100.0	1
KU	C1S	2073457	01/2017	01/25/2017	100.010	100.050	100.1	1
KU	C1S	2073458	01/2017	01/25/2017	100.000	100.020	100.0	1
KU	C1S	2073459	01/2017	01/25/2017	100.010	100.030	99.9	1
KU	C1S	2073460	01/2017	01/25/2017	99.970	100.070	100.0	1
KU	C1S	2073461	01/2017	01/25/2017	100.000	100.070	100.0	1
KU	C1S	2073462	01/2017	01/25/2017	99.990	100.050	100.1	1
KU	C1S	2073463	01/2017	01/25/2017	100.030	100.090	100.0	1
KU	C1S	2073464	01/2017	01/25/2017	99.970	100.080	100.0	1
KU	C1S	2073465	01/2017	01/25/2017	100.000	100.040	100.0	1
KU	C1S	2073466	01/2017	01/25/2017	99.990	100.050	100.0	1
KU	C1S	2073467	01/2017	01/25/2017	99.980	100.050	100.0	1
KU	C1S	2073468	01/2017	01/25/2017	100.000	100.070	100.1	1
KU	C1S	2073469	01/2017	01/25/2017	99.980	100.060	100.2	1
KU	C1S	2073470	01/2017	01/25/2017	100.010	100.060	100.0	1
KU	C1S	2073471	01/2017	01/25/2017	100.000	100.080	100.0	1
KU	C1S	2073472	01/2017	01/25/2017	100.000	100.080	100.0	1
KU	C1S	2073473	01/2017	01/25/2017	99.970	100.060	100.0	1
KU	C1S	2073474	01/2017	01/25/2017	99.980	100.070	100.0	1
KU	C1S	2073475	01/2017	01/25/2017	99.990	100.060	100.0	1
KU	C1S	2073476	01/2017	01/25/2017	100.010	100.100	100.0	1
KU	C1S	2073477	01/2017	01/25/2017	99.950	100.100	100.1	1
KU	C1S	2073478	01/2017	01/25/2017	100.000	100.110	100.1	1
KU	C1S	2073479	01/2017	01/25/2017	100.020	100.070	100.0	1
KU	C1S	2073480	01/2017	01/25/2017	100.000	100.070	100.0	1
KU	C1S	2073481	01/2017	01/25/2017	100.010	100.080	100.0	1
KU	C1S	2073482	01/2017	01/25/2017	100.050	100.040	100.0	1
KU	C1S	2073483	01/2017	01/25/2017	99.990	100.010	100.0	1
KU	C1S	2073484	01/2017	01/25/2017	100.010	100.050	100.0	1
KU	C1S	2073485	01/2017	01/25/2017	100.020	99.990	100.0	1
KU	C1S	2073486	01/2017	01/25/2017	100.020	100.030	100.0	1
KU	C1S	2073487	01/2017	01/25/2017	100.020	100.010	100.0	1



KU	C1S	2073488	01/2017	01/25/2017	100.040	100.070	100.0	1
KU	C1S	2073489	01/2017	01/25/2017	99.950	100.030	100.1	1
KU	C1S	2073490	01/2017	01/25/2017	100.000	100.090	100.0	1
KU	C1S	2073491	01/2017	01/25/2017	100.010	100.020	100.1	1
KU	C1S	2073492	01/2017	01/25/2017	99.970	100.090	100.1	1
KU	C1S	2073493	01/2017	01/25/2017	100.010	100.060	100.0	1
KU	C1S	2073494	01/2017	01/25/2017	99.990	100.060	100.1	1
KU	C1S	2073495	01/2017	01/25/2017	99.990	100.020	100.0	1
KU	C1S	2073496	01/2017	01/25/2017	100.000	100.070	100.0	1
KU	C1S	2073497	01/2017	01/25/2017	100.010	100.050	100.0	1
KU	C1S	2073498	01/2017	01/25/2017	100.010	100.010	100.0	1
KU	C1S	2073499	01/2017	01/25/2017	99.970	100.070	100.0	1
KU	C1S	2073500	01/2017	01/25/2017	100.020	100.100	100.0	1
KU	C1S	2073501	01/2017	01/25/2017	99.980	100.070	100.0	1
KU	C1S	2073502	01/2017	01/25/2017	99.980	100.060	100.0	1
KU	C1S	2073503	01/2017	01/25/2017	100.010	100.010	100.0	1
KU	C1S	2073504	01/2017	01/25/2017	99.980	100.050	100.0	1
KU	C1S	2073505	01/2017	01/25/2017	99.980	100.060	100.0	1
KU	C1S	2073506	01/2017	01/25/2017	100.030	100.080	100.0	1
KU	C1S	2073507	01/2017	01/25/2017	99.980	100.060	100.1	1
KU	C1S	2073508	01/2017	01/25/2017	100.000	100.080	100.0	1
KU	C1S	2073509	01/2017	01/25/2017	99.970	100.060	100.0	1
KU	C1S	2073510	01/2017	01/25/2017	100.020	100.060	100.0	1
KU	C1S	2073511	01/2017	01/25/2017	99.970	100.050	100.1	1
KU	C1S	2073512	01/2017	01/25/2017	100.000	100.050	100.0	1
KU	C1S	2073513	01/2017	01/25/2017	99.990	100.030	100.0	1
KU	C1S	2073514	01/2017	01/25/2017	100.000	100.080	100.0	1
KU	C1S	2073515	01/2017	01/25/2017	100.010	100.040	100.0	1
KU	C1S	2073516	01/2017	01/25/2017	99.990	100.060	100.0	1
KU	C1S	2073517	01/2017	01/25/2017	99.990	100.040	100.0	1
KU	C1S	2073518	01/2017	01/25/2017	100.000	100.070	100.1	1
KU	C1S	2073519	01/2017	01/25/2017	100.020	100.040	100.0	1
KU	C1S	2073520	01/2017	01/25/2017	99.970	100.060	100.0	1
KU	C1S	2073521	01/2017	01/25/2017	100.000	100.070	100.1	1
KU	C1S	2073522	01/2017	01/25/2017	99.990	100.040	100.0	1
KU	C1S	2073523	01/2017	01/25/2017	100.030	100.040	100.0	1
KU	C1S	2073524	01/2017	01/25/2017	99.990	100.010	100.0	1
KU	C1S	2073525	01/2017	01/25/2017	99.990	100.040	100.0	1
KU	C1S	2073526	01/2017	01/25/2017	99.980	100.110	100.1	1
KU	C1S	2073527	01/2017	01/25/2017	100.020	100.070	100.1	1
KU	C1S	2073528	01/2017	01/25/2017	100.010	100.040	100.1	1
KU	C1S	2073529	01/2017	01/25/2017	100.030	100.070	100.1	1

KU	C1S	2073530	01/2017	01/25/2017	100.020	100.080	100.0	1
KU	C1S	2073531	01/2017	01/25/2017	99.980	100.050	100.0	1
KU	C1S	2073532	01/2017	01/25/2017	100.020	100.060	100.0	1
KU	C1S	2073533	01/2017	01/25/2017	100.000	100.080	100.0	1
KU	C1S	2073534	01/2017	01/25/2017	100.000	100.030	100.1	1
KU	C1S	2073535	01/2017	01/25/2017	99.960	100.070	100.0	1
KU	C1S	2073536	01/2017	01/25/2017	100.010	99.980	100.0	1
KU	C1S	2073537	01/2017	01/25/2017	100.000	100.050	100.0	1
KU	C1S	2073538	01/2017	01/25/2017	100.010	100.080	100.1	1
KU	C1S	2073539	01/2017	01/25/2017	99.990	100.030	100.0	1
KU	C1S	2073540	01/2017	01/25/2017	100.020	100.050	100.0	1
KU	C1S	2073541	01/2017	01/25/2017	100.010	100.070	100.0	1
KU	C1S	2073542	01/2017	01/25/2017	100.030	100.060	100.0	1
KU	C1S	2073543	01/2017	01/25/2017	99.980	99.940	100.0	1
KU	C1S	2073544	01/2017	01/25/2017	100.010	100.070	100.1	1
KU	C1S	2073545	01/2017	01/25/2017	100.010	100.020	100.0	1
KU	C1S	2073546	01/2017	01/25/2017	99.990	100.050	100.0	1
KU	C1S	2073547	01/2017	01/25/2017	99.970	100.020	100.0	1
KU	C1S	2073548	01/2017	01/25/2017	100.000	99.980	100.0	1
KU	C1S	2073549	01/2017	01/25/2017	100.010	100.010	100.0	1
KU	C1S	2073550	01/2017	01/25/2017	100.010	99.990	100.0	1
KU	C1S	2073551	01/2017	01/25/2017	100.040	99.970	100.0	1
KU	C1S	2073552	01/2017	01/25/2017	100.010	99.900	100.0	1
KU	C1S	2073553	01/2017	01/25/2017	100.000	99.960	100.0	1
KU	C1S	2073554	01/2017	01/25/2017	100.000	99.930	100.0	1
KU	C1S	2073555	01/2017	01/25/2017	100.030	99.950	100.0	1
KU	C1S	2073556	01/2017	01/25/2017	99.970	99.990	100.0	1
KU	C1S	2073557	01/2017	01/25/2017	100.050	99.980	100.0	1
KU	C1S	2073558	01/2017	01/25/2017	99.980	99.940	99.9	1
KU	C1S	2073559	01/2017	01/25/2017	100.010	100.000	100.0	1
KU	C1S	2073560	01/2017	01/25/2017	99.970	99.990	100.0	1
KU	C1S	2073561	01/2017	01/25/2017	100.010	100.040	100.0	1
KU	C1S	2073562	01/2017	01/25/2017	100.000	99.930	99.9	1
KU	C1S	2073563	01/2017	01/25/2017	99.980	99.970	100.0	1
KU	C1S	2073564	01/2017	01/25/2017	100.010	100.080	100.0	1
KU	C1S	2073565	01/2017	01/25/2017	100.010	100.000	100.0	1
KU	C1S	2073566	01/2017	01/25/2017	99.960	100.010	100.0	1
KU	C1S	2073567	01/2017	01/25/2017	99.990	99.900	100.0	1
KU	C1S	2073568	01/2017	01/25/2017	100.000	99.960	100.0	1
KU	C1S	2073569	01/2017	01/25/2017	100.030	99.960	100.0	1
KU	C1S	2073570	01/2017	01/25/2017	100.030	99.960	100.0	1
KU	C1S	2073571	01/2017	01/25/2017	99.990	100.040	100.0	1

KU	C1S	2073572	01/2017	01/25/2017	100.010	99.950	100.0	1
KU	C1S	2073573	01/2017	01/25/2017	99.990	99.940	100.0	1
KU	C1S	2073574	01/2017	01/25/2017	100.030	99.940	99.9	1
KU	C1S	2073575	01/2017	01/25/2017	99.990	99.950	100.0	1
KU	C1S	2073576	01/2017	01/25/2017	99.960	99.960	100.0	1
KU	C1S	2073577	01/2017	01/25/2017	100.010	100.050	100.0	1
KU	C1S	2073578	01/2017	01/25/2017	99.960	99.950	100.0	1
KU	C1S	2073579	01/2017	01/25/2017	100.000	100.030	100.0	1
KU	C1S	2073580	01/2017	01/25/2017	99.990	99.910	99.9	1
KU	C1S	2073581	01/2017	01/25/2017	99.990	99.980	100.0	1
KU	C1S	2073582	01/2017	01/25/2017	99.970	100.000	100.0	1
KU	C1S	2073583	01/2017	01/25/2017	99.970	99.940	99.9	1
KU	C1S	2073584	01/2017	01/25/2017	99.980	100.010	100.0	1
KU	C1S	2073585	01/2017	01/25/2017	100.050	99.940	99.9	1
KU	C1S	2073586	01/2017	01/25/2017	99.980	99.940	100.0	1
KU	C1S	2073587	01/2017	01/25/2017	99.990	99.960	100.0	1
KU	C1S	2073588	01/2017	01/25/2017	100.010	99.970	100.0	1
KU	C1S	2073589	01/2017	01/25/2017	99.980	100.000	100.0	1
KU	C1S	2073590	01/2017	01/25/2017	99.950	99.980	100.0	1
KU	C1S	2073591	01/2017	01/25/2017	100.000	99.940	100.0	1
KU	C1S	2073592	01/2017	01/25/2017	100.000	100.020	100.0	1
KU	C1S	2073593	01/2017	01/25/2017	100.010	99.940	100.1	1
KU	C1S	2073594	01/2017	01/25/2017	99.980	100.020	100.0	1
KU	C1S	2073595	01/2017	01/25/2017	100.010	100.020	100.0	1
KU	C1S	2073596	01/2017	01/25/2017	99.990	100.050	100.0	1
KU	C1S	2073597	01/2017	01/25/2017	99.990	99.920	100.1	1
KU	C1S	2073598	01/2017	01/25/2017	100.000	100.030	100.0	1
KU	C1S	2073599	01/2017	01/25/2017	100.000	99.950	100.0	1
KU	C1S	2073600	01/2017	01/25/2017	100.020	99.910	99.9	1
KU	C1S	2073601	01/2017	01/25/2017	100.010	100.020	100.0	1
KU	C1S	2073602	01/2017	01/25/2017	99.990	100.030	100.0	1
KU	C1S	2073603	01/2017	01/25/2017	100.000	99.950	100.0	1
KU	C1S	2073604	01/2017	01/25/2017	100.020	100.000	100.0	1
KU	C1S	2073605	01/2017	01/25/2017	100.030	99.980	100.0	1
KU	C1S	2073606	01/2017	01/25/2017	99.990	99.980	100.0	1
KU	C1S	2073607	01/2017	01/25/2017	99.990	99.960	100.0	1
KU	C1S	2073608	01/2017	01/25/2017	100.000	100.020	100.1	1
KU	C1S	2073609	01/2017	01/25/2017	100.000	99.980	100.0	1
KU	C1S	2073610	01/2017	01/25/2017	100.010	99.960	100.0	1
KU	C1S	2073611	01/2017	01/25/2017	100.030	99.990	100.0	1
KU	C1S	2073612	01/2017	01/25/2017	100.020	100.000	100.0	1
KU	C1S	2073613	01/2017	01/25/2017	99.980	100.020	100.1	1

KU	C1S	2073614	01/2017	01/25/2017	100.020	100.030	100.0	1
KU	C1S	2073615	01/2017	01/25/2017	99.990	99.990	100.0	1
KU	C1S	2073616	01/2017	01/25/2017	99.980	100.000	100.0	1
KU	C1S	2073617	01/2017	01/25/2017	100.030	100.010	100.0	1
KU	C1S	2073618	01/2017	01/25/2017	100.020	100.020	100.0	1
KU	C1S	2073619	01/2017	01/25/2017	99.990	99.940	100.0	1
KU	C1S	2073620	01/2017	01/25/2017	100.010	99.940	100.0	1
KU	C1S	2073621	01/2017	01/25/2017	100.020	99.990	99.9	1
KU	C1S	2073622	01/2017	01/25/2017	100.000	99.940	100.0	1
KU	C1S	2073623	01/2017	01/25/2017	100.010	99.980	100.1	1
KU	C1S	2073624	01/2017	01/25/2017	100.000	100.030	100.0	1
KU	C1S	2073625	01/2017	01/25/2017	100.030	100.020	100.0	1
KU	C1S	2073626	01/2017	01/25/2017	99.990	99.970	100.0	1
KU	C1S	2073627	01/2017	01/25/2017	99.990	100.020	100.0	1
KU	C1S	2073628	01/2017	01/25/2017	99.990	99.950	100.0	1
KU	C1S	2073629	01/2017	01/25/2017	100.030	99.990	100.0	1
KU	C1S	2073630	01/2017	01/25/2017	99.970	100.030	100.0	1
KU	C1S	2073631	01/2017	01/25/2017	100.020	99.940	100.0	1
KU	C1S	2073632	01/2017	01/25/2017	99.990	99.990	100.1	1
KU	C1S	2073633	01/2017	01/25/2017	99.990	99.900	100.0	1
KU	C1S	2073634	01/2017	01/25/2017	99.990	99.990	100.0	1
KU	C1S	2073635	01/2017	01/25/2017	100.040	99.930	100.0	1
KU	C1S	2073636	01/2017	01/25/2017	99.990	100.050	100.1	1
KU	C1S	2073637	01/2017	01/25/2017	100.000	99.970	100.0	1
KU	C1S	2073638	01/2017	01/25/2017	100.010	100.010	100.0	1
KU	C1S	2073639	01/2017	01/25/2017	100.000	100.010	100.0	1
KU	C1S	2073640	01/2017	01/25/2017	99.970	99.970	100.0	1
KU	C1S	2073641	01/2017	01/25/2017	100.030	99.950	100.0	1
KU	C1S	2073642	01/2017	01/25/2017	100.020	99.980	99.9	1
KU	C1S	2073643	01/2017	01/25/2017	100.010	99.970	100.1	1
KU	C1S	2073644	01/2017	01/25/2017	100.010	99.960	99.9	1
KU	C1S	2073645	01/2017	01/25/2017	99.990	99.970	100.0	1
KU	C1S	2073646	01/2017	01/25/2017	100.030	100.000	100.0	1
KU	C1S	2073647	01/2017	01/25/2017	100.020	99.990	100.0	1
KU	C1S	2073648	01/2017	01/25/2017	100.010	99.970	100.0	1
KU	C1S	2073649	01/2017	01/25/2017	100.000	100.010	100.1	1
KU	C1S	2073650	01/2017	01/25/2017	100.020	99.970	100.0	1
KU	C1S	2073651	01/2017	01/25/2017	99.970	99.980	100.0	1
KU	C1S	2073652	01/2017	01/25/2017	99.990	99.950	100.0	1
KU	C1S	2073653	01/2017	01/25/2017	100.010	99.980	100.0	1
KU	C1S	2073654	01/2017	01/25/2017	100.050	99.920	100.0	1
KU	C1S	2073655	01/2017	01/25/2017	100.010	100.010	100.0	1

KU	C1S	2073656	01/2017	01/25/2017	99.990	99.990	100.0	1
KU	C1S	2073657	01/2017	01/25/2017	99.990	99.990	100.1	1
KU	C1S	2073658	01/2017	01/25/2017	99.980	99.970	100.1	1
KU	C1S	2073659	01/2017	01/25/2017	100.010	99.980	100.0	1
KU	C1S	2073660	01/2017	01/25/2017	99.980	99.920	100.0	1
KU	C1S	2073661	01/2017	01/25/2017	100.010	99.960	100.0	1
KU	C1S	2073662	01/2017	01/25/2017	100.000	100.000	100.0	1
KU	C1S	2073663	01/2017	01/25/2017	100.000	99.930	100.0	1
KU	C1S	2073664	01/2017	01/25/2017	100.000	99.980	100.0	1
KU	C1S	2073665	01/2017	01/25/2017	100.010	99.990	100.0	1
KU	C1S	2073666	01/2017	01/25/2017	99.980	100.000	100.0	1
KU	C1S	2073667	01/2017	01/25/2017	99.980	99.970	100.0	1
KU	C1S	2073668	01/2017	01/25/2017	100.000	100.000	100.0	1
KU	C1S	2073669	01/2017	01/25/2017	100.020	99.970	100.0	1
KU	C1S	2073670	01/2017	01/25/2017	100.010	100.000	100.0	1
KU	C1S	2073671	01/2017	01/25/2017	100.000	99.900	99.9	1
KU	C1S	2073672	01/2017	01/25/2017	100.020	99.980	100.0	1
KU	C1S	2073673	01/2017	01/25/2017	100.020	99.980	100.0	1
KU	C1S	2073674	01/2017	01/25/2017	100.000	99.910	99.9	1
KU	C1S	2073675	01/2017	01/25/2017	99.990	100.000	100.0	1
KU	C1S	2073676	01/2017	01/25/2017	99.960	99.990	100.0	1
KU	C1S	2073677	01/2017	01/25/2017	100.000	99.970	100.1	1
KU	C1S	2073678	01/2017	01/25/2017	99.980	100.000	100.0	1
KU	C1S	2073679	01/2017	01/25/2017	99.990	100.020	100.0	1
KU	C1S	2073680	01/2017	01/25/2017	99.970	99.910	100.0	1
KU	C1S	2073681	01/2017	01/25/2017	99.990	99.910	100.0	1
KU	C1S	2073682	01/2017	01/25/2017	99.990	100.000	100.0	1
KU	C1S	2073683	01/2017	01/25/2017	100.000	99.970	100.0	1
KU	C1S	2073684	01/2017	01/25/2017	100.040	100.020	100.0	1
KU	C1S	2073685	01/2017	01/25/2017	100.010	99.970	100.0	1
KU	C1S	2073686	01/2017	01/25/2017	99.940	99.990	100.0	1
KU	C1S	2073687	01/2017	01/25/2017	100.030	99.930	100.0	1
KU	C1S	2073688	01/2017	01/25/2017	100.000	99.990	100.0	1
KU	C1S	2073689	01/2017	01/25/2017	100.000	99.970	100.0	1
KU	C1S	2073690	01/2017	01/25/2017	100.030	99.960	100.0	1
KU	C1S	2073691	01/2017	01/25/2017	100.030	99.980	100.0	1
KU	C1S	2073692	01/2017	01/25/2017	100.000	99.960	100.0	1
KU	C1S	2073693	01/2017	01/25/2017	100.030	100.030	100.0	1
KU	C1S	2073694	01/2017	01/25/2017	99.990	99.960	100.0	1
KU	C1S	2073695	01/2017	01/25/2017	99.980	99.980	100.0	1
KU	C1S	2073696	01/2017	01/25/2017	100.010	99.970	100.0	1
KU	C1S	2073697	01/2017	01/25/2017	100.000	99.980	100.0	1

KU	C1S	2073698	01/2017	01/25/2017	99.990	99.980	100.0	1
KU	C1S	2073699	01/2017	01/25/2017	99.970	99.980	100.0	1
KU	C1S	2073700	01/2017	01/25/2017	99.990	100.000	100.0	1
KU	C1S	2073701	01/2017	01/25/2017	99.980	99.970	100.0	1
KU	C1S	2073702	01/2017	01/25/2017	100.020	99.970	100.0	1
KU	C1S	2073703	01/2017	01/25/2017	100.000	99.980	100.0	1
KU	C1S	2073704	01/2017	01/25/2017	100.050	99.990	100.0	1
KU	C1S	2073705	01/2017	01/25/2017	99.990	99.940	100.0	1
KU	C1S	2073706	01/2017	01/25/2017	99.980	100.050	100.0	1
KU	C1S	2073707	01/2017	01/25/2017	100.010	99.970	100.0	1
KU	C1S	2073708	01/2017	01/25/2017	99.990	99.980	100.0	1
KU	C1S	2073709	01/2017	01/25/2017	99.980	99.950	100.0	1
KU	C1S	2073710	01/2017	01/25/2017	99.980	99.980	100.0	1
KU	C1S	2073711	01/2017	01/25/2017	100.000	99.960	100.0	1
KU	C1S	2073712	01/2017	01/25/2017	99.990	100.010	100.0	1
KU	C1S	2073713	01/2017	01/25/2017	100.010	99.990	100.0	1
KU	C1S	2073714	01/2017	01/25/2017	100.000	99.970	100.0	1
KU	C1S	2073715	01/2017	01/25/2017	100.000	99.990	100.0	1
KU	C1S	2073716	01/2017	01/25/2017	100.000	99.970	100.0	1
KU	C1S	2073717	01/2017	01/25/2017	99.990	100.000	100.0	1
KU	C1S	2073718	01/2017	01/25/2017	99.990	99.970	100.0	1
KU	C1S	2073719	01/2017	01/25/2017	100.000	99.950	100.0	1
KU	C1S	2073720	01/2017	01/25/2017	100.010	99.990	100.0	1
KU	C1S	2073721	01/2017	01/25/2017	100.010	99.960	100.0	1
KU	C1S	2073722	01/2017	01/25/2017	100.000	99.990	100.0	1
KU	C1S	2073723	01/2017	01/25/2017	100.000	99.970	100.0	1
KU	C1S	2073724	01/2017	01/25/2017	100.000	99.960	100.0	1
KU	C1S	2073725	01/2017	01/25/2017	100.020	99.980	100.0	1
KU	C1S	2073726	01/2017	01/25/2017	99.980	99.980	100.0	1
KU	C1S	2073727	01/2017	01/25/2017	100.000	99.980	100.0	1
KU	C1S	2073728	01/2017	01/25/2017	99.980	99.930	100.0	1
KU	C1S	2073729	01/2017	01/25/2017	100.000	99.980	100.0	1
KU	C1S	2073730	01/2017	01/25/2017	100.010	99.990	100.0	1
KU	C1S	2073731	01/2017	01/25/2017	100.020	100.020	100.0	1
KU	C1S	2073732	01/2017	01/25/2017	100.010	100.000	100.0	1
KU	C1S	2073733	01/2017	01/25/2017	100.000	100.060	100.1	1
KU	C1S	2073734	01/2017	01/25/2017	100.000	100.060	100.0	1
KU	C1S	2073735	01/2017	01/25/2017	100.020	99.960	100.0	1
KU	C1S	2073736	01/2017	01/25/2017	99.970	100.040	100.1	1
KU	C1S	2073737	01/2017	01/25/2017	100.020	99.930	100.0	1
KU	C1S	2073738	01/2017	01/25/2017	100.000	100.000	100.0	1
KU	C1S	2073739	01/2017	01/25/2017	99.990	100.060	100.0	1

KU	C1S	2073740	01/2017	01/25/2017	100.030	100.080	100.0	1
KU	C1S	2073741	01/2017	01/25/2017	100.020	99.960	100.0	1
KU	C1S	2073742	01/2017	01/25/2017	100.010	99.920	99.9	1
KU	C1S	2073743	01/2017	01/25/2017	100.010	99.920	99.9	1
KU	C1S	2073744	01/2017	01/25/2017	100.020	99.990	100.0	1
KU	C1S	2073745	01/2017	01/25/2017	99.990	100.070	100.0	1
KU	C1S	2073746	01/2017	01/25/2017	99.980	100.070	100.0	1
KU	C1S	2073747	01/2017	01/25/2017	100.010	99.960	100.0	1
KU	C1S	2073748	01/2017	01/25/2017	100.010	100.060	100.0	1
KU	C1S	2073749	01/2017	01/25/2017	99.980	100.070	100.1	1
KU	C1S	2073750	01/2017	01/25/2017	100.040	99.990	100.1	1
KU	C1S	2073751	01/2017	01/25/2017	100.020	99.980	100.0	1
KU	C1S	2073752	01/2017	01/25/2017	100.020	100.060	100.0	1
KU	C1S	2073753	01/2017	01/25/2017	99.980	100.040	100.0	1
KU	C1S	2073754	01/2017	01/25/2017	100.000	100.010	100.0	1
KU	C1S	2073755	01/2017	01/25/2017	99.980	99.980	100.0	1
KU	C1S	2073756	01/2017	01/25/2017	99.990	100.060	100.1	1
KU	C1S	2073757	01/2017	01/25/2017	100.020	100.020	100.0	1
KU	C1S	2073758	01/2017	01/25/2017	100.010	99.950	99.9	1
KU	C1S	2073759	01/2017	01/25/2017	99.990	100.060	100.0	1
KU	C1S	2073760	01/2017	01/25/2017	99.990	99.970	100.0	1
KU	C1S	2073761	01/2017	01/25/2017	99.990	100.060	100.0	1
KU	C1S	2073762	01/2017	01/25/2017	100.010	99.950	100.0	1
KU	C1S	2073763	01/2017	01/25/2017	99.970	100.070	100.1	1
KU	C1S	2073764	01/2017	01/25/2017	100.010	100.080	100.0	1
KU	C1S	2073765	01/2017	01/25/2017	100.000	100.070	100.1	1
KU	C1S	2073766	01/2017	01/25/2017	100.000	100.040	100.0	1
KU	C1S	2073767	01/2017	01/25/2017	100.010	100.060	100.1	1
KU	C1S	2073768	01/2017	01/25/2017	100.020	100.050	100.0	1
KU	C1S	2073769	01/2017	01/25/2017	100.000	100.060	100.0	1
KU	C1S	2073770	01/2017	01/25/2017	100.010	100.060	100.0	1
KU	C1S	2073771	01/2017	01/25/2017	100.000	99.940	100.1	1
KU	C1S	2073772	01/2017	01/25/2017	99.990	100.100	100.0	1
KU	C1S	2073773	01/2017	01/25/2017	100.000	100.080	100.1	1
KU	C1S	2073774	01/2017	01/25/2017	100.010	100.050	100.0	1
KU	C1S	2073775	01/2017	01/25/2017	99.990	100.050	100.0	1
KU	C1S	2073776	01/2017	01/25/2017	100.020	100.050	100.0	1
KU	C1S	2073777	01/2017	01/25/2017	100.030	100.050	100.0	1
KU	C1S	2073778	01/2017	01/25/2017	100.030	100.050	100.0	1
KU	C1S	2073779	01/2017	01/25/2017	99.970	100.050	100.0	1
KU	C1S	2073780	01/2017	01/25/2017	100.000	100.070	100.1	1
KU	C1S	2073781	01/2017	01/25/2017	100.010	100.050	100.2	1

KU	C1S	2073782	01/2017	01/25/2017	99.970	100.030	100.0	1
KU	C1S	2073783	01/2017	01/25/2017	100.020	100.080	100.1	1
KU	C1S	2073784	01/2017	01/25/2017	99.990	100.060	100.0	1
KU	C1S	2073785	01/2017	01/25/2017	100.030	100.080	100.2	1
KU	C1S	2073786	01/2017	01/25/2017	100.020	100.050	100.0	1
KU	C1S	2073787	01/2017	01/25/2017	100.020	100.080	100.0	1
KU	C1S	2073788	01/2017	01/25/2017	99.990	100.060	100.1	1
KU	C1S	2073789	01/2017	01/25/2017	100.000	100.060	100.0	1
KU	C1S	2073790	01/2017	01/25/2017	100.020	100.040	100.0	1
KU	C1S	2073791	01/2017	01/25/2017	99.990	100.070	100.0	1
KU	C1S	2073792	01/2017	01/25/2017	99.980	100.060	100.1	1
KU	C1S	2073793	01/2017	01/25/2017	100.020	100.070	100.2	1
KU	C1S	2073794	01/2017	01/25/2017	100.000	99.960	100.1	1
KU	C1S	2073795	01/2017	01/25/2017	99.980	100.050	100.0	1
KU	C1S	2073796	01/2017	01/25/2017	100.010	100.060	100.0	1
KU	C1S	2073797	01/2017	01/25/2017	100.000	99.960	100.0	1
KU	C1S	2073798	01/2017	01/25/2017	100.000	100.050	100.1	1
KU	C1S	2073799	01/2017	01/25/2017	99.990	99.970	100.0	1
KU	C1S	2073800	01/2017	01/25/2017	99.980	100.060	100.0	1
KU	C1S	2073801	01/2017	01/25/2017	100.030	99.960	100.0	1
KU	C1S	2073802	01/2017	01/25/2017	99.960	99.930	100.0	1
KU	C1S	2073803	01/2017	01/25/2017	99.990	99.970	100.0	1
KU	C1S	2073804	01/2017	01/25/2017	99.990	99.940	99.9	1
KU	C1S	2073805	01/2017	01/25/2017	99.990	99.950	100.0	1
KU	C1S	2073806	01/2017	01/25/2017	100.010	100.070	100.0	1
KU	C1S	2073807	01/2017	01/25/2017	100.030	100.070	100.0	1
KU	C1S	2073808	01/2017	01/25/2017	100.010	99.970	100.0	1
KU	C1S	2073809	01/2017	01/25/2017	100.020	100.070	100.0	1
KU	C1S	2073810	01/2017	01/25/2017	100.000	100.080	100.1	1
KU	C1S	2073811	01/2017	01/25/2017	100.000	100.080	100.0	1
KU	C1S	2073812	01/2017	01/25/2017	100.020	100.070	100.1	1
KU	C1S	2073813	01/2017	01/25/2017	99.990	99.960	100.0	1
KU	C1S	2073814	01/2017	01/25/2017	99.990	99.970	100.0	1
KU	C1S	2073815	01/2017	01/25/2017	100.000	99.950	100.0	1
KU	C1S	2073816	01/2017	01/25/2017	99.990	100.070	100.0	1
KU	C1S	2073817	01/2017	01/25/2017	99.990	99.960	100.0	1
KU	C1S	2073818	01/2017	01/25/2017	99.960	100.050	100.0	1
KU	C1S	2073819	01/2017	01/25/2017	100.020	100.060	100.1	1
KU	C1S	2073820	01/2017	01/25/2017	100.030	99.970	100.0	1
KU	C1S	2073821	01/2017	01/25/2017	99.980	100.000	100.0	1
KU	C1S	2073822	01/2017	01/25/2017	100.000	100.000	100.1	1
KU	C1S	2073823	01/2017	01/25/2017	99.980	100.020	100.0	1



KU	C1S	2073824	01/2017	01/25/2017	99.980	99.960	99.9	1
KU	C1S	2073825	01/2017	01/25/2017	99.970	99.970	100.0	1
KU	C1S	2073826	01/2017	01/25/2017	99.980	99.990	100.0	1
KU	C1S	2073827	01/2017	01/25/2017	100.000	100.080	100.0	1
KU	C1S	2073828	01/2017	01/25/2017	99.990	99.970	100.0	1
KU	C1S	2073829	01/2017	01/25/2017	99.970	100.080	100.0	1
KU	C1S	2073830	01/2017	01/25/2017	99.990	99.970	100.0	1
KU	C1S	2073831	01/2017	01/25/2017	100.000	99.980	100.0	1
KU	C1S	2073832	01/2017	01/25/2017	99.980	100.040	100.0	1
KU	C1S	2073833	01/2017	01/25/2017	99.990	100.010	100.0	1
KU	C1S	2073834	01/2017	01/25/2017	100.000	99.990	100.0	1
KU	C1S	2073835	01/2017	01/25/2017	100.010	99.960	100.0	1
KU	C1S	2073836	01/2017	01/25/2017	100.030	99.980	100.0	1
KU	C1S	2073837	01/2017	01/25/2017	99.930	99.970	100.0	1
KU	C1S	2073838	01/2017	01/25/2017	100.020	100.060	100.1	1
KU	C1S	2073839	01/2017	01/25/2017	100.000	100.070	100.0	1
KU	C1S	2073840	01/2017	01/25/2017	100.000	100.040	100.0	1
KU	C1S	2073841	01/2017	01/25/2017	100.010	99.980	100.0	1
KU	C1S	2073842	01/2017	01/25/2017	100.000	99.950	100.0	1
KU	C1S	2073843	01/2017	01/25/2017	100.030	99.990	100.0	1
KU	C1S	2073844	01/2017	01/25/2017	99.970	100.010	100.0	1
KU	C1S	2073845	01/2017	01/25/2017	100.010	100.060	100.0	1
KU	C1S	2073846	01/2017	01/25/2017	100.010	100.020	100.1	1
KU	C1S	2073847	01/2017	01/25/2017	100.000	99.970	100.0	1
KU	C1S	2073848	01/2017	01/25/2017	99.970	99.970	100.0	1
KU	C1S	2073849	01/2017	01/25/2017	99.980	99.990	100.0	1
KU	C1S	2073850	01/2017	01/25/2017	99.950	100.010	100.0	1
KU	C1S	2073851	01/2017	01/25/2017	100.000	99.990	100.1	1
KU	C1S	2073852	01/2017	01/25/2017	100.020	99.960	100.0	1
KU	C1S	2073853	01/2017	01/25/2017	100.020	99.980	100.0	1
KU	C1S	2073854	01/2017	01/25/2017	100.050	100.010	100.0	1
KU	C1S	2073855	01/2017	01/25/2017	99.970	100.030	100.0	1
KU	C1S	2073856	01/2017	01/25/2017	100.000	99.980	100.0	1
KU	C1S	2073857	01/2017	01/25/2017	100.020	100.060	100.1	1
KU	C1S	2073858	01/2017	01/25/2017	100.040	99.930	100.0	1
KU	C1S	2073859	01/2017	01/25/2017	99.990	100.080	100.1	1
KU	C1S	2073860	01/2017	01/25/2017	100.020	100.000	100.0	1
KU	C1S	2073861	01/2017	01/25/2017	99.980	99.990	100.0	1
KU	C1S	2073862	01/2017	01/25/2017	100.010	100.020	100.0	1
KU	C1S	2073863	01/2017	01/25/2017	99.990	99.970	100.0	1
KU	C1S	2073864	01/2017	01/25/2017	100.010	99.980	100.0	1
KU	C1S	2073865	01/2017	01/25/2017	100.000	99.990	100.0	1

KU	C1S	2073866	01/2017	01/25/2017	100.020	99.930	100.0	1
KU	C1S	2073867	01/2017	01/25/2017	100.010	99.970	100.0	1
KU	C1S	2073868	01/2017	01/25/2017	100.010	99.970	100.0	1
KU	C1S	2073869	01/2017	01/25/2017	100.010	99.990	100.0	1
KU	C1S	2073870	01/2017	01/25/2017	99.990	100.030	100.0	1
KU	C1S	2073871	01/2017	01/25/2017	100.010	99.990	100.0	1
KU	C1S	2073872	01/2017	01/25/2017	99.970	100.020	100.0	1
KU	C1S	2073873	01/2017	01/25/2017	99.970	100.030	100.0	1
KU	C1S	2073874	01/2017	01/25/2017	100.020	100.020	100.0	1
KU	C1S	2073875	01/2017	01/25/2017	99.990	99.970	100.0	1
KU	C1S	2073876	01/2017	01/25/2017	100.030	100.020	100.0	1
KU	C1S	2073877	01/2017	01/25/2017	100.030	100.010	100.0	1
KU	C1S	2073878	01/2017	01/25/2017	99.990	100.030	100.0	1
KU	C1S	2073879	01/2017	01/25/2017	99.980	99.980	100.0	1
KU	C1S	2073880	01/2017	01/25/2017	100.020	100.010	100.1	1
KU	C1S	2073881	01/2017	01/25/2017	100.020	99.980	100.1	1
KU	C1S	2073882	01/2017	01/25/2017	99.990	100.010	100.0	1
KU	C1S	2073883	01/2017	01/25/2017	99.980	99.950	100.0	1
KU	C1S	2073884	01/2017	01/25/2017	99.990	99.960	100.0	1
KU	C1S	2073885	01/2017	01/25/2017	99.980	100.010	100.0	1
KU	C1S	2073886	01/2017	01/25/2017	100.010	100.020	100.0	1
KU	C1S	2073887	01/2017	01/25/2017	99.980	99.960	99.9	1
KU	C1S	2073888	01/2017	01/25/2017	99.980	99.970	100.0	1
KU	C1S	2073889	01/2017	01/25/2017	99.970	99.990	100.0	1
KU	C1S	2073890	01/2017	01/25/2017	99.980	99.960	100.0	1
KU	C1S	2073891	01/2017	01/25/2017	99.970	100.010	100.0	1
KU	C1S	2073892	01/2017	01/25/2017	99.990	99.970	100.0	1
KU	C1S	2073893	01/2017	01/25/2017	99.980	100.000	100.0	1
KU	C1S	2073894	01/2017	01/25/2017	100.010	99.980	100.0	1
KU	C1S	2073895	01/2017	01/25/2017	99.980	99.990	100.0	1
KU	C1S	2073896	01/2017	01/25/2017	100.000	99.980	100.0	1
KU	C1S	2073897	01/2017	01/25/2017	100.010	100.060	100.0	1
KU	C1S	2073898	01/2017	01/25/2017	100.000	99.960	100.0	1
KU	C1S	2073899	01/2017	01/25/2017	100.020	100.000	100.0	1
KU	C1S	2073900	01/2017	01/25/2017	100.020	99.960	100.0	1
KU	C1S	2073901	01/2017	01/25/2017	100.030	99.980	100.0	1
KU	C1S	2073902	01/2017	01/25/2017	100.020	100.020	100.0	1
KU	C1S	2073903	01/2017	01/25/2017	100.000	100.020	100.0	1
KU	C1S	2073904	01/2017	01/25/2017	99.970	100.020	100.1	1
KU	C1S	2073905	01/2017	01/25/2017	100.000	100.070	100.0	1
KU	C1S	2073906	01/2017	01/25/2017	100.040	99.980	100.0	1
KU	C1S	2073907	01/2017	01/25/2017	99.960	99.990	100.1	1

KU	C1S	2073908	01/2017	01/25/2017	99.990	99.910	100.0	1
KU	C1S	2073909	01/2017	01/25/2017	100.000	100.010	100.0	1
KU	C1S	2073910	01/2017	01/25/2017	100.000	99.960	100.0	1
KU	C1S	2073911	01/2017	01/25/2017	100.010	100.070	100.1	1
KU	C1S	2073912	01/2017	01/25/2017	100.050	99.930	100.0	1
KU	C1S	2073913	01/2017	01/25/2017	100.000	99.960	100.0	1
KU	C1S	2073914	01/2017	01/25/2017	100.010	100.000	100.1	1
KU	C1S	2073915	01/2017	01/25/2017	100.040	100.090	100.0	1
KU	C1S	2073916	01/2017	01/25/2017	100.010	99.960	100.0	1
KU	C1S	2073917	01/2017	01/25/2017	99.990	100.060	100.1	1
KU	C1S	2073918	01/2017	01/25/2017	100.000	100.090	100.0	1
KU	C1S	2073919	01/2017	01/25/2017	100.000	99.960	100.1	1
KU	C1S	2073920	01/2017	01/25/2017	99.980	100.060	100.0	1
KU	C1S	2073921	01/2017	01/25/2017	100.000	100.040	100.0	1
KU	C1S	2073922	01/2017	01/25/2017	100.020	100.060	100.0	1
KU	C1S	2073923	01/2017	01/25/2017	100.000	100.060	100.0	1
KU	C1S	2073924	01/2017	01/25/2017	99.990	100.070	100.0	1
KU	C1S	2073925	01/2017	01/25/2017	99.990	99.940	99.9	1
KU	C1S	2073926	01/2017	01/25/2017	99.990	99.970	100.0	1
KU	C1S	2073927	01/2017	01/25/2017	100.000	99.970	100.0	1
KU	C1S	2073928	01/2017	01/25/2017	100.000	100.040	100.0	1
KU	C1S	2073929	01/2017	01/25/2017	100.010	100.070	100.0	1
KU	C1S	2073930	01/2017	01/25/2017	100.020	99.920	99.9	1
KU	C1S	2073931	01/2017	01/25/2017	100.020	99.960	100.0	1
KU	C1S	2073932	01/2017	01/25/2017	100.000	99.950	100.0	1
KU	C1S	2073933	01/2017	01/25/2017	100.010	100.070	100.0	1
KU	C1S	2073934	01/2017	01/25/2017	99.990	100.040	100.0	1
KU	C1S	2073935	01/2017	01/25/2017	99.990	100.040	100.0	1
KU	C1S	2073936	01/2017	01/25/2017	99.980	99.990	100.0	1
KU	C1S	2073937	01/2017	01/25/2017	99.990	100.060	100.0	1
KU	C1S	2073938	01/2017	01/25/2017	100.000	99.960	100.0	1
KU	C1S	2073939	01/2017	01/25/2017	100.010	100.020	100.0	1
KU	C1S	2073940	01/2017	01/25/2017	99.990	99.960	100.0	1
KU	C1S	2073941	01/2017	01/25/2017	99.970	100.080	100.0	1
KU	C1S	2073942	01/2017	01/25/2017	99.980	99.940	100.0	1
KU	C1S	2073943	01/2017	01/25/2017	100.030	99.970	100.1	1
KU	C1S	2073944	01/2017	01/25/2017	99.980	100.060	100.1	1
KU	C1S	2073945	01/2017	01/25/2017	99.980	100.060	100.0	1
KU	C1S	2073946	01/2017	01/25/2017	99.990	100.010	100.0	1
KU	C1S	2073947	01/2017	01/25/2017	100.000	100.050	100.1	1
KU	C1S	2073948	01/2017	01/25/2017	99.980	100.060	100.2	1
KU	C1S	2073949	01/2017	01/25/2017	100.010	99.980	100.0	1

KU	C1S	2073950	01/2017	01/25/2017	99.980	99.960	100.0	1
KU	C1S	2073951	01/2017	01/25/2017	99.990	100.070	100.0	1
KU	C1S	2073952	01/2017	01/25/2017	99.990	99.970	100.0	1
KU	C1S	2073953	01/2017	01/25/2017	100.020	100.090	100.0	1
KU	C1S	2073954	01/2017	01/25/2017	100.000	99.930	100.0	1
KU	C1S	2073955	01/2017	01/25/2017	99.980	99.960	100.0	1
KU	C1S	2073956	01/2017	01/25/2017	99.980	99.950	100.0	1
KU	C1S	2073957	01/2017	01/25/2017	99.980	100.080	100.0	1
KU	C1S	2073958	01/2017	01/25/2017	100.000	100.060	100.0	1
KU	C1S	2073959	01/2017	01/25/2017	99.980	99.950	100.1	1
KU	C1S	2073960	01/2017	01/25/2017	100.020	100.060	100.0	1
KU	C1S	2073961	01/2017	01/25/2017	99.980	100.060	100.1	1
KU	C1S	2073962	01/2017	01/25/2017	100.020	99.940	100.0	1
KU	C1S	2073963	01/2017	01/25/2017	99.980	100.070	100.0	1
KU	C1S	2073964	01/2017	01/25/2017	100.020	100.010	100.0	1
KU	C1S	2073965	01/2017	01/25/2017	99.980	100.100	100.1	1
KU	C1S	2073966	01/2017	01/25/2017	100.020	99.980	100.0	1
KU	C1S	2073967	01/2017	01/25/2017	99.960	100.080	100.0	1
KU	C1S	2073968	01/2017	01/25/2017	100.010	99.980	99.9	1
KU	C1S	2073969	01/2017	01/25/2017	100.010	100.080	100.0	1
KU	C1S	2073970	01/2017	01/25/2017	100.020	100.080	100.0	1
KU	C1S	2073971	01/2017	01/25/2017	100.000	100.050	100.1	1
KU	C1S	2073972	01/2017	01/25/2017	99.990	99.990	100.0	1
KU	C1S	2073973	01/2017	01/25/2017	100.010	100.080	100.0	1
KU	C1S	2073974	01/2017	01/25/2017	99.990	100.060	100.0	1
KU	C1S	2073975	01/2017	01/25/2017	100.020	100.100	100.1	1
KU	C1S	2073976	01/2017	01/25/2017	100.010	100.060	100.1	1
KU	C1S	2073977	01/2017	01/25/2017	99.980	100.050	100.0	1
KU	C1S	2073978	01/2017	01/25/2017	100.010	100.080	100.0	1
KU	C1S	2073979	01/2017	01/25/2017	100.010	99.940	100.1	1
KU	C1S	2073980	01/2017	01/25/2017	100.030	99.980	100.1	1
KU	C1S	2073981	01/2017	01/25/2017	100.020	100.090	100.0	1
KU	C1S	2073982	01/2017	01/25/2017	99.980	100.100	100.0	1
KU	C1S	2073983	01/2017	01/25/2017	100.020	100.040	100.0	1
KU	C1S	2073984	01/2017	01/25/2017	100.000	100.090	100.1	1
KU	C1S	2073985	01/2017	01/25/2017	99.940	100.070	100.0	1
KU	C1S	2073986	01/2017	01/25/2017	100.010	100.060	100.0	1
KU	C1S	2073987	01/2017	01/25/2017	100.010	100.030	100.0	1
KU	C1S	2073988	01/2017	01/25/2017	100.000	100.070	100.1	1
KU	C1S	2073989	01/2017	01/25/2017	100.010	100.050	100.1	1
KU	C1S	2073990	01/2017	01/25/2017	100.020	100.050	100.1	1
KU	C1S	2073991	01/2017	01/25/2017	100.020	100.050	100.0	1

KU	C1S	2073992	01/2017	01/25/2017	99.990	99.980	100.0	1
KU	C1S	2073993	01/2017	01/25/2017	100.020	99.940	100.0	1
KU	C1S	2073994	01/2017	01/25/2017	100.010	100.080	100.1	1
KU	C1S	2073995	01/2017	01/25/2017	100.020	100.060	100.1	1
KU	C1S	2073996	01/2017	01/25/2017	99.990	99.970	100.0	1
KU	C1S	2073997	01/2017	01/25/2017	100.010	100.060	100.0	1
KU	C1S	2073998	01/2017	01/25/2017	99.990	99.950	100.0	1
KU	C1S	2073999	01/2017	01/25/2017	99.990	100.070	100.0	1
KU	C1S	2074000	01/2017	01/25/2017	100.010	100.000	100.0	1
KU	C1S	2074001	01/2017	01/25/2017	100.030	100.080	100.0	1
KU	C1S	2074002	01/2017	01/25/2017	100.030	99.950	100.1	1
KU	C1S	2074003	01/2017	01/25/2017	100.000	100.060	100.1	1
KU	C1S	2074004	01/2017	01/25/2017	100.000	100.060	100.0	1
KU	C1S	2074005	01/2017	01/25/2017	100.010	100.060	100.1	1
KU	C1S	2074006	01/2017	01/25/2017	100.000	100.080	100.1	1
KU	C1S	2074007	01/2017	01/25/2017	100.000	100.030	100.0	1
KU	C1S	2074008	01/2017	01/25/2017	100.000	100.070	100.0	1
KU	C1S	2074009	01/2017	01/25/2017	100.020	100.060	100.1	1
KU	C1S	2074010	01/2017	01/25/2017	100.000	100.070	100.1	1
KU	C1S	2074011	01/2017	01/25/2017	100.010	100.050	100.0	1
KU	C1S	2074012	01/2017	01/25/2017	100.020	100.070	100.0	1
KU	C1S	2074013	01/2017	01/25/2017	100.000	99.970	100.1	1
KU	C1S	2074014	01/2017	01/25/2017	100.000	99.990	100.0	1
KU	C1S	2074015	01/2017	01/25/2017	100.000	100.030	100.0	1
KU	C1S	2074016	01/2017	01/25/2017	100.000	100.060	100.0	1
KU	C1S	2074017	01/2017	01/25/2017	99.980	100.060	100.1	1
KU	C1S	2074018	01/2017	01/25/2017	100.020	100.070	100.0	1
KU	C1S	2074019	01/2017	01/25/2017	100.010	100.000	100.0	1
KU	C1S	2074020	01/2017	01/25/2017	99.970	99.980	100.1	1
KU	C1S	2074021	01/2017	01/25/2017	99.990	100.020	100.0	1
KU	C1S	2074022	01/2017	01/25/2017	100.020	99.990	99.9	1
KU	C1S	2074023	01/2017	01/25/2017	99.960	100.090	100.0	1
KU	C1S	2074024	01/2017	01/25/2017	100.050	99.940	100.0	1
KU	C1S	2074025	01/2017	01/25/2017	99.960	99.980	100.0	1
KU	C1S	2074026	01/2017	01/25/2017	100.040	100.060	100.0	1
KU	C1S	2074027	01/2017	01/25/2017	100.010	100.070	100.1	1
KU	C1S	2074028	01/2017	01/25/2017	100.040	99.950	100.1	1
KU	C1S	2074029	01/2017	01/25/2017	99.960	99.980	100.0	1
KU	C1S	2074030	01/2017	01/25/2017	100.010	100.080	100.1	1
KU	C1S	2074031	01/2017	01/25/2017	100.010	100.060	100.0	1
KU	C1S	2074032	01/2017	01/25/2017	99.990	99.990	100.0	1
KU	C1S	2074033	01/2017	01/25/2017	100.000	100.100	100.0	1

KU	C1S	2074034	01/2017	01/25/2017	99.980	99.970	100.0	1
KU	C1S	2074035	01/2017	01/25/2017	100.010	99.970	100.1	1
KU	C1S	2074036	01/2017	01/25/2017	100.010	100.070	100.0	1
KU	C1S	2074037	01/2017	01/25/2017	99.960	100.070	100.1	1
KU	C1S	2074038	01/2017	01/25/2017	100.000	100.000	100.0	1
KU	C1S	2074039	01/2017	01/25/2017	99.980	100.000	100.0	1
KU	C1S	2074040	01/2017	01/25/2017	100.000	100.050	100.0	1
KU	C1S	2074041	01/2017	01/25/2017	100.010	100.010	100.0	1
KU	C1S	2074042	01/2017	01/25/2017	99.990	99.940	100.0	1
KU	C1S	2074043	01/2017	01/25/2017	99.960	100.070	100.0	1
KU	C1S	2074044	01/2017	01/25/2017	100.000	99.940	100.0	1
KU	C1S	2074045	01/2017	01/25/2017	100.030	100.020	100.0	1
KU	C1S	2074046	01/2017	01/25/2017	99.990	100.040	100.0	1
KU	C1S	2074047	01/2017	01/25/2017	100.000	99.970	100.0	1
KU	C1S	2074048	01/2017	01/25/2017	99.960	99.950	100.1	1
KU	C1S	2074049	01/2017	01/25/2017	99.970	100.020	100.0	1
KU	C1S	2074050	01/2017	01/25/2017	100.040	100.070	100.0	1
KU	C1S	2074051	01/2017	01/25/2017	100.010	100.020	100.0	1
KU	C1S	2074052	01/2017	01/25/2017	100.010	100.060	100.0	1
KU	C1S	2074053	01/2017	01/25/2017	99.980	100.010	100.0	1
KU	C1S	2074054	01/2017	01/25/2017	99.990	100.040	100.1	1
KU	C1S	2074055	01/2017	01/25/2017	100.000	100.070	100.0	1
KU	C1S	2074056	01/2017	01/25/2017	100.000	100.050	100.1	1
KU	C1S	2074057	01/2017	01/25/2017	100.010	100.010	100.0	1
KU	C1S	2074058	01/2017	01/25/2017	99.950	99.980	100.0	1
KU	C1S	2074059	01/2017	01/25/2017	100.000	100.070	100.1	1
KU	C1S	2074060	01/2017	01/25/2017	99.970	99.970	100.0	1
KU	C1S	2074061	01/2017	01/25/2017	100.000	100.030	100.1	1
KU	C1S	2074062	01/2017	01/25/2017	99.980	100.060	100.0	1
KU	C1S	2074063	01/2017	01/25/2017	100.020	99.970	100.0	1
KU	C1S	2074064	01/2017	01/25/2017	100.020	100.060	100.0	1
KU	C1S	2074065	01/2017	01/25/2017	100.030	100.090	100.0	1
KU	C1S	2074066	01/2017	01/25/2017	100.010	100.040	100.1	1
KU	C1S	2074067	01/2017	01/25/2017	100.020	99.950	100.0	1
KU	C1S	2074068	01/2017	01/25/2017	100.000	100.050	100.0	1
KU	C1S	2074069	01/2017	01/25/2017	100.000	100.070	100.1	1
KU	C1S	2074070	01/2017	01/25/2017	100.030	99.940	100.0	1
KU	C1S	2074071	01/2017	01/25/2017	100.010	99.900	100.0	1
KU	C1S	2074072	01/2017	01/25/2017	100.000	99.970	100.0	1
KU	C1S	2074073	01/2017	01/25/2017	100.000	100.070	100.1	1
KU	C1S	2074074	01/2017	01/25/2017	100.000	100.060	100.0	1
KU	C1S	2074075	01/2017	01/25/2017	100.000	99.980	100.0	1

KU	C1S	2074076	01/2017	01/25/2017	99.970	99.980	100.0	1
KU	C1S	2074077	01/2017	01/25/2017	100.010	100.020	100.0	1
KU	C1S	2074078	01/2017	01/25/2017	100.050	100.060	100.0	1
KU	C1S	2074079	01/2017	01/25/2017	100.010	100.070	100.0	1
KU	C1S	2074080	01/2017	01/25/2017	100.000	99.970	100.0	1
KU	C1S	2074081	01/2017	01/25/2017	100.000	100.000	100.1	1
KU	C1S	2074082	01/2017	01/25/2017	99.980	99.930	100.0	1
KU	C1S	2074083	01/2017	01/25/2017	100.040	99.980	100.0	1
KU	C1S	2074084	01/2017	01/25/2017	99.990	100.050	100.1	1
KU	C1S	2074085	01/2017	01/25/2017	100.040	100.080	100.1	1
KU	C1S	2074086	01/2017	01/25/2017	99.990	100.070	100.0	1
KU	C1S	2074087	01/2017	01/25/2017	99.990	100.010	100.0	1
KU	C1S	2074088	01/2017	01/25/2017	100.010	99.980	100.0	1
KU	C1S	2074089	01/2017	01/25/2017	100.020	99.960	100.0	1
KU	C1S	2074090	01/2017	01/25/2017	99.990	99.960	100.0	1
KU	C1S	2074091	01/2017	01/25/2017	100.010	100.040	100.0	1
KU	C1S	2074092	01/2017	01/25/2017	100.010	100.060	100.1	1
KU	C1S	2074093	01/2017	01/25/2017	100.000	100.000	100.1	1
KU	C1S	2074094	01/2017	01/25/2017	99.980	100.040	100.0	1
KU	C1S	2074095	01/2017	01/25/2017	100.020	100.070	100.0	1
KU	C1S	2074096	01/2017	01/25/2017	100.010	99.970	100.1	1
KU	C1S	2074097	01/2017	01/25/2017	100.000	100.080	100.1	1
KU	C1S	2074098	01/2017	01/25/2017	100.010	100.080	100.1	1
KU	C1S	2074099	01/2017	01/25/2017	99.980	100.050	100.0	1
KU	C1S	2074100	01/2017	01/25/2017	100.000	100.020	100.0	1
KU	C1S	2074101	01/2017	01/25/2017	99.980	100.070	100.1	1
KU	C1S	2074102	01/2017	01/25/2017	100.010	100.000	100.0	1
KU	C1S	2074103	01/2017	01/25/2017	99.980	100.070	100.1	1
KU	C1S	2074104	01/2017	01/25/2017	99.990	99.960	100.0	1
KU	C1S	2074105	01/2017	01/25/2017	100.020	100.060	100.0	1
KU	C1S	2074106	01/2017	01/25/2017	99.980	100.070	100.0	1
KU	C1S	2074107	01/2017	01/25/2017	99.980	100.090	100.0	1
KU	C1S	2074108	01/2017	01/25/2017	100.040	100.050	100.1	1
KU	C1S	2074109	01/2017	01/25/2017	100.010	99.960	100.0	1
KU	C1S	2074110	01/2017	01/25/2017	100.000	99.990	100.0	1
KU	C1S	2074111	01/2017	01/25/2017	99.980	100.010	100.0	1
KU	C1S	2074112	01/2017	01/25/2017	99.990	99.940	100.0	1
KU	C1S	2074113	01/2017	01/25/2017	100.000	100.040	100.0	1
KU	C1S	2074114	01/2017	01/25/2017	100.010	100.050	100.0	1
KU	C1S	2074115	01/2017	01/25/2017	99.950	100.070	100.1	1
KU	C1S	2074116	01/2017	01/25/2017	100.040	100.050	100.0	1
KU	C1S	2074117	01/2017	01/25/2017	99.980	100.060	100.0	1

KU	C1S	2074118	01/2017	01/25/2017	100.000	100.010	100.0	1
KU	C1S	2074119	01/2017	01/25/2017	99.950	99.950	100.0	1
KU	C1S	2074120	01/2017	01/25/2017	100.010	99.940	99.9	1
KU	C1S	2074121	01/2017	01/25/2017	100.000	99.940	100.0	1
KU	C1S	2074122	01/2017	01/25/2017	100.010	100.060	100.0	1
KU	C1S	2074123	01/2017	01/25/2017	100.040	100.070	100.2	1
KU	C1S	2074124	01/2017	01/25/2017	100.020	99.970	100.0	1
KU	C1S	2074125	01/2017	01/25/2017	99.990	99.950	99.9	1
KU	C1S	2074126	01/2017	01/25/2017	100.010	100.060	100.0	1
KU	C1S	2074127	01/2017	01/25/2017	100.020	99.990	100.0	1
KU	C1S	2074128	01/2017	01/25/2017	100.000	100.050	100.1	1
KU	C1S	2074129	01/2017	01/25/2017	99.980	100.060	100.0	1
KU	C1S	2074130	01/2017	01/25/2017	100.000	100.070	100.1	1
KU	C1S	2074131	01/2017	01/25/2017	99.980	100.060	100.0	1
KU	C1S	2074132	01/2017	01/25/2017	99.990	100.080	100.0	1
KU	C1S	2074133	01/2017	01/25/2017	100.050	99.940	100.0	1
KU	C1S	2074134	01/2017	01/25/2017	99.980	99.940	100.0	1
KU	C1S	2074135	01/2017	01/25/2017	100.020	100.050	100.0	1
KU	C1S	2074136	01/2017	01/25/2017	100.020	99.960	100.0	1
KU	C1S	2074137	01/2017	01/25/2017	100.000	100.070	100.1	1
KU	C1S	2074138	01/2017	01/25/2017	100.030	100.080	100.1	1
KU	C1S	2074139	01/2017	01/25/2017	100.000	100.080	100.0	1
KU	C1S	2074140	01/2017	01/25/2017	99.970	99.920	100.0	1
KU	C1S	2074141	01/2017	01/25/2017	100.030	99.950	100.0	1
KU	C1S	2074142	01/2017	01/25/2017	100.000	99.930	100.0	1
KU	C1S	2074143	01/2017	01/25/2017	99.990	100.080	100.0	1
KU	C1S	2074144	01/2017	01/25/2017	100.000	100.000	100.0	1
KU	C1S	2074145	01/2017	01/25/2017	100.020	100.060	100.0	1
KU	C1S	2074146	01/2017	01/25/2017	100.010	99.970	100.0	1
KU	C1S	2074147	01/2017	01/25/2017	100.010	100.070	100.1	1
KU	C1S	2074148	01/2017	01/25/2017	99.980	99.960	100.0	1
KU	C1S	2074149	01/2017	01/25/2017	99.990	99.940	99.9	1
KU	C1S	2074150	01/2017	01/25/2017	99.970	99.950	100.0	1
KU	C1S	2074151	01/2017	01/25/2017	100.030	100.020	100.0	1
KU	C1S	2074152	01/2017	01/25/2017	99.980	99.990	100.0	1
KU	C1S	2074153	01/2017	01/25/2017	100.000	100.070	100.1	1
KU	C1S	2074154	01/2017	01/25/2017	100.020	99.990	100.0	1
KU	C1S	2074155	01/2017	01/25/2017	100.000	99.950	100.0	1
KU	C1S	2074156	01/2017	01/25/2017	99.980	100.070	100.1	1
KU	C1S	2074157	01/2017	01/25/2017	100.020	99.970	100.0	1
KU	C1S	2074158	01/2017	01/25/2017	100.000	100.070	100.1	1
KU	C1S	2074159	01/2017	01/25/2017	100.020	100.060	100.0	1



KU	C1S	2074160	01/2017	01/25/2017	100.010	100.080	100.0	1
KU	C1S	2074161	01/2017	01/25/2017	100.000	100.050	100.0	1
KU	C1S	2074162	01/2017	01/25/2017	99.970	99.950	100.0	1
KU	C1S	2074163	01/2017	01/25/2017	100.030	100.050	100.0	1
KU	C1S	2074164	01/2017	01/25/2017	100.030	100.060	100.1	1
KU	C1S	2074165	01/2017	01/25/2017	100.010	99.980	100.0	1
KU	C1S	2074166	01/2017	01/25/2017	100.010	100.070	100.1	1
KU	C1S	2074167	01/2017	01/25/2017	100.010	100.070	100.1	1
KU	C1S	2074168	01/2017	01/25/2017	100.000	99.910	99.9	1
KU	C1S	2074169	01/2017	01/25/2017	99.970	99.940	100.0	1
KU	C1S	2074170	01/2017	01/25/2017	100.000	100.080	100.0	1
KU	C1S	2074171	01/2017	01/25/2017	100.000	99.930	100.0	1
KU	C1S	2074172	01/2017	01/25/2017	99.990	99.950	100.0	1
KU	C1S	2074173	01/2017	01/25/2017	100.000	99.960	100.1	1
KU	C1S	2074174	01/2017	01/25/2017	99.980	99.960	100.0	1
KU	C1S	2074175	01/2017	01/25/2017	100.030	100.070	100.0	1
KU	C1S	2074176	01/2017	01/25/2017	100.000	100.070	100.1	1
KU	C1S	2074177	01/2017	01/25/2017	100.010	100.080	100.1	1
KU	C1S	2074178	01/2017	01/25/2017	100.000	99.950	100.1	1
KU	C1S	2074179	01/2017	01/25/2017	99.990	99.960	100.0	1
KU	C1S	2074180	01/2017	01/25/2017	99.980	100.070	100.1	1
KU	C1S	2074181	01/2017	01/25/2017	99.980	99.920	100.0	1
KU	C1S	2074182	01/2017	01/25/2017	100.000	100.050	100.0	1
KU	C1S	2074183	01/2017	01/25/2017	100.000	100.070	100.0	1
KU	C1S	2074184	01/2017	01/25/2017	100.010	100.030	100.0	1
KU	C1S	2074185	01/2017	01/25/2017	99.980	100.080	100.0	1
KU	C1S	2074186	01/2017	01/25/2017	99.980	100.010	100.0	1
KU	C1S	2074187	01/2017	01/25/2017	100.020	99.940	100.0	1
KU	C1S	2074188	01/2017	01/25/2017	100.020	99.970	100.0	1
KU	C1S	2074189	01/2017	01/25/2017	100.030	100.080	100.1	1
KU	C1S	2074190	01/2017	01/25/2017	99.960	100.070	100.1	1
KU	C1S	2074191	01/2017	01/25/2017	100.010	100.050	100.0	1
KU	C1S	2074192	01/2017	01/25/2017	99.980	100.020	100.0	1
KU	C1S	2074193	01/2017	01/25/2017	100.000	99.920	100.1	1
KU	C1S	2074194	01/2017	01/25/2017	99.990	99.920	100.0	1
KU	C1S	2074195	01/2017	01/25/2017	100.010	99.990	100.0	1
KU	C1S	2074196	01/2017	01/25/2017	99.970	100.070	100.1	1
KU	C1S	2074197	01/2017	01/25/2017	100.010	100.070	100.1	1
KU	C1S	2074198	01/2017	01/25/2017	99.990	100.080	100.1	1
KU	C1S	2074199	01/2017	01/25/2017	100.020	100.070	100.0	1
KU	C1S	2074200	01/2017	01/25/2017	100.020	100.060	100.0	1
KU	C1S	2074201	01/2017	01/25/2017	99.990	99.950	100.0	1

KU	C1S	2074202	01/2017	01/25/2017	100.000	100.060	100.0	1
KU	C1S	2074203	01/2017	01/25/2017	99.990	100.060	100.1	1
KU	C1S	2074204	01/2017	01/25/2017	99.960	99.940	100.0	1
KU	C1S	2074205	01/2017	01/25/2017	100.020	99.910	100.0	1
KU	C1S	2074206	01/2017	01/25/2017	100.000	100.070	100.1	1
KU	C1S	2074207	01/2017	01/25/2017	100.000	100.040	100.0	1
KU	C1S	2074208	01/2017	01/25/2017	99.980	100.090	100.2	1
KU	C1S	2074209	01/2017	01/25/2017	100.020	100.060	100.1	1
KU	C1S	2074210	01/2017	01/25/2017	99.980	100.040	100.2	1
KU	C1S	2074211	01/2017	01/25/2017	99.990	99.970	100.0	1
KU	C1S	2074212	01/2017	01/25/2017	100.000	99.930	99.9	1
KU	C1S	2074213	01/2017	01/25/2017	100.010	100.070	100.1	1
KU	C1S	2074214	01/2017	01/25/2017	99.970	100.020	100.0	1
KU	C1S	2074215	01/2017	01/25/2017	100.000	99.920	99.9	1
KU	C1S	2074216	01/2017	01/25/2017	99.980	100.080	100.0	1
KU	C1S	2074217	01/2017	01/25/2017	100.000	99.930	99.9	1
KU	C1S	2074218	01/2017	01/25/2017	100.010	99.940	100.0	1
KU	C1S	2074219	01/2017	01/25/2017	100.030	99.940	100.0	1
KU	C1S	2074220	01/2017	01/25/2017	100.000	100.040	100.0	1
KU	C1S	2074221	01/2017	01/25/2017	99.990	100.080	100.0	1
KU	C1S	2074222	01/2017	01/25/2017	100.020	100.000	100.0	1
KU	C1S	2074223	01/2017	01/25/2017	99.990	99.920	100.0	1
KU	C1S	2074224	01/2017	01/25/2017	100.010	100.060	100.1	1
KU	C1S	2074225	01/2017	01/25/2017	99.980	100.070	100.1	1
KU	C1S	2074226	01/2017	01/25/2017	100.000	100.020	100.0	1
KU	C1S	2074227	01/2017	01/25/2017	100.030	100.030	100.0	1
KU	C1S	2074228	01/2017	01/25/2017	100.010	100.000	100.0	1
KU	C1S	2074229	01/2017	01/25/2017	99.970	100.020	100.1	1
KU	C1S	2074230	01/2017	01/25/2017	99.970	99.960	100.0	1
KU	C1S	2074231	01/2017	01/25/2017	100.000	100.030	100.1	1
KU	C1S	2074232	01/2017	01/25/2017	99.990	99.970	100.0	1
KU	C1S	2074233	01/2017	01/25/2017	99.980	100.030	100.0	1
KU	C1S	2074234	01/2017	01/25/2017	100.040	100.030	100.0	1
KU	C1S	2074235	01/2017	01/25/2017	99.980	100.010	100.0	1
KU	C1S	2074236	01/2017	01/25/2017	100.010	100.010	100.1	1
KU	C1S	2074237	01/2017	01/25/2017	100.000	99.980	100.0	1
KU	C1S	2074238	01/2017	01/25/2017	99.970	100.010	100.0	1
KU	C1S	2074239	01/2017	01/25/2017	100.010	100.000	100.0	1
KU	C1S	2074240	01/2017	01/25/2017	100.000	100.000	100.0	1
KU	C1S	2074241	01/2017	01/25/2017	100.010	100.030	100.0	1
KU	C1S	2074242	01/2017	01/25/2017	100.030	100.010	100.0	1
KU	C1S	2074243	01/2017	01/25/2017	100.010	100.000	100.0	1

KU	C1S	2074244	01/2017	01/25/2017	99.980	100.010	100.0	1
KU	C1S	2074245	01/2017	01/25/2017	99.970	100.000	100.0	1
KU	C1S	2074246	01/2017	01/25/2017	100.000	100.010	100.0	1
KU	C1S	2074247	01/2017	01/25/2017	100.000	100.020	100.0	1
KU	C1S	2074248	01/2017	01/25/2017	100.030	100.020	100.0	1
KU	C1S	2074249	01/2017	01/25/2017	100.020	99.970	100.0	1
KU	C1S	2074250	01/2017	01/25/2017	100.000	100.060	100.0	1
KU	C1S	2074251	01/2017	01/25/2017	100.010	100.010	100.0	1
KU	C1S	2074252	01/2017	01/25/2017	99.990	99.980	100.0	1
KU	C1S	2074253	01/2017	01/25/2017	100.020	100.010	100.0	1
KU	C1S	2074254	01/2017	01/25/2017	99.990	100.020	100.0	1
KU	C1S	2074255	01/2017	01/25/2017	100.000	100.000	100.0	1
KU	C1S	2074256	01/2017	01/25/2017	100.000	100.020	100.0	1
KU	C1S	2074257	01/2017	01/25/2017	100.020	100.040	100.0	1
KU	C1S	2074258	01/2017	01/25/2017	100.030	100.010	100.0	1
KU	C1S	2074259	01/2017	01/25/2017	99.980	100.000	100.0	1
KU	C1S	2074260	01/2017	01/25/2017	100.030	100.030	100.0	1
KU	C1S	2074261	01/2017	01/25/2017	100.000	99.990	100.0	1
KU	C1S	2074262	01/2017	01/25/2017	100.040	100.000	100.0	1
KU	C1S	2074263	01/2017	01/25/2017	100.000	99.990	100.0	1
KU	C1S	2074264	01/2017	01/25/2017	100.000	100.000	100.0	1
KU	C1S	2074265	01/2017	01/25/2017	99.980	100.010	100.0	1
KU	C1S	2074266	01/2017	01/25/2017	100.000	100.030	100.0	1
KU	C1S	2074267	01/2017	01/25/2017	99.970	100.010	100.0	1
KU	C1S	2074268	01/2017	01/25/2017	99.960	100.020	100.0	1
KU	C1S	2074269	01/2017	01/25/2017	100.000	100.000	100.0	1
KU	C1S	2074270	01/2017	01/25/2017	99.970	100.020	100.0	1
KU	C1S	2074271	01/2017	01/25/2017	99.990	100.050	100.0	1
KU	C1S	2074272	01/2017	01/25/2017	100.010	100.020	100.0	1
KU	C1S	2074273	01/2017	01/25/2017	100.020	100.010	100.0	1
KU	C1S	2074274	01/2017	01/25/2017	99.990	100.030	100.1	1
KU	C1S	2074275	01/2017	01/25/2017	99.980	100.040	100.0	1
KU	C1S	2074276	01/2017	01/25/2017	99.960	100.050	100.0	1
KU	C1S	2074277	01/2017	01/25/2017	99.950	100.040	100.1	1
KU	C1S	2074278	01/2017	01/25/2017	99.980	100.020	100.0	1
KU	C1S	2074279	01/2017	01/25/2017	100.010	99.970	100.0	1
KU	C1S	2074280	01/2017	01/25/2017	100.020	100.040	100.0	1
KU	C1S	2074281	01/2017	01/25/2017	100.000	100.010	100.0	1
KU	C1S	2074282	01/2017	01/25/2017	100.000	100.020	100.0	1
KU	C1S	2074283	01/2017	01/25/2017	99.990	100.000	100.0	1
KU	C1S	2074284	01/2017	01/25/2017	100.050	99.990	100.0	1
KU	C1S	2074285	01/2017	01/25/2017	99.990	100.000	100.0	1

KU	C1S	2074286	01/2017	01/25/2017	100.000	100.020	100.0	1
KU	C1S	2074287	01/2017	01/25/2017	100.000	99.960	100.0	1
KU	C1S	2074288	01/2017	01/25/2017	100.000	100.010	100.0	1
KU	C1S	2074289	01/2017	01/25/2017	99.990	99.980	100.1	1
KU	C1S	2074290	01/2017	01/25/2017	100.040	100.010	100.0	1
KU	C1S	2074291	01/2017	01/25/2017	100.020	99.950	99.9	1
KU	C1S	2074292	01/2017	01/25/2017	100.000	100.020	100.0	1
KU	C1S	2074293	01/2017	01/25/2017	99.990	100.040	100.1	1
KU	C1S	2074294	01/2017	01/25/2017	99.990	100.010	100.0	1
KU	C1S	2074295	01/2017	01/25/2017	99.990	100.030	100.1	1
KU	C1S	2074296	01/2017	01/25/2017	100.000	99.990	100.0	1
KU	C1S	2074297	01/2017	01/25/2017	100.000	99.970	100.0	1
KU	C1S	2074298	01/2017	01/25/2017	100.020	100.020	100.0	1
KU	C1S	2074299	01/2017	01/25/2017	100.030	99.970	100.0	1
KU	C1S	2074300	01/2017	01/25/2017	99.990	100.010	100.0	1
KU	C1S	2074301	01/2017	01/25/2017	100.000	99.960	100.0	1
KU	C1S	2074302	01/2017	01/25/2017	99.990	100.050	100.0	1
KU	C1S	2074303	01/2017	01/25/2017	99.970	100.000	100.0	1
KU	C1S	2074304	01/2017	01/25/2017	100.070	99.980	100.0	1
KU	C1S	2074305	01/2017	01/25/2017	99.990	99.990	100.0	1
KU	C1S	2074306	01/2017	01/25/2017	100.020	100.010	100.0	1
KU	C1S	2074307	01/2017	01/25/2017	100.040	99.970	100.0	1
KU	C1S	2074308	01/2017	01/25/2017	100.000	100.020	100.0	1
KU	C1S	2074309	01/2017	01/25/2017	100.030	100.030	100.0	1
KU	C1S	2074310	01/2017	01/25/2017	99.970	100.040	100.1	1
KU	C1S	2074311	01/2017	01/25/2017	100.000	100.020	100.0	1
KU	C1S	2074312	01/2017	01/25/2017	100.000	100.000	100.0	1
KU	C1S	2074313	01/2017	01/25/2017	100.000	100.020	100.0	1
KU	C1S	2074314	01/2017	01/25/2017	100.010	100.010	100.0	1
KU	C1S	2074315	01/2017	01/25/2017	100.000	100.030	100.1	1
KU	C1S	2074316	01/2017	01/25/2017	99.990	100.000	100.0	1
KU	C1S	2074317	01/2017	01/25/2017	100.000	100.020	100.0	1
KU	C1S	2074318	01/2017	01/25/2017	100.010	99.990	100.0	1
KU	C1S	2074319	01/2017	01/25/2017	99.960	99.970	100.0	1
KU	C1S	2074320	01/2017	01/25/2017	100.020	99.950	100.0	1
KU	C1S	2074321	01/2017	01/25/2017	100.000	100.000	100.0	1
KU	C1S	2074322	01/2017	01/25/2017	100.020	99.980	100.0	1
KU	C1S	2074323	01/2017	01/25/2017	100.000	100.050	100.0	1
KU	C1S	2074324	01/2017	01/25/2017	100.000	99.920	100.0	1
KU	C1S	2074325	01/2017	01/25/2017	100.010	100.050	100.0	1
KU	C1S	2074326	01/2017	01/25/2017	99.990	100.020	100.0	1
KU	C1S	2074327	01/2017	01/25/2017	100.000	99.950	99.9	1

KU	C1S	2074328	01/2017	01/25/2017	100.020	100.040	100.1	1
KU	C1S	2074329	01/2017	01/25/2017	100.010	100.000	100.0	1
KU	C1S	2074330	01/2017	01/25/2017	100.020	99.960	100.0	1
KU	C1S	2074331	01/2017	01/25/2017	100.000	100.000	100.0	1
KU	C1S	2074332	01/2017	01/25/2017	100.010	99.970	100.0	1
KU	C1S	2074333	01/2017	01/25/2017	99.950	100.030	100.0	1
KU	C1S	2074334	01/2017	01/25/2017	99.990	99.960	100.0	1
KU	C1S	2074335	01/2017	01/25/2017	99.980	100.040	100.0	1
KU	C1S	2074336	01/2017	01/25/2017	100.000	100.000	100.1	1
KU	C1S	2074337	01/2017	01/25/2017	100.050	100.000	100.0	1
KU	C1S	2074338	01/2017	01/25/2017	99.990	99.960	100.0	1
KU	C1S	2074339	01/2017	01/25/2017	99.990	100.040	100.1	1
KU	C1S	2074340	01/2017	01/25/2017	100.050	99.990	100.0	1
KU	C1S	2074341	01/2017	01/25/2017	99.990	99.970	100.0	1
KU	C1S	2074342	01/2017	01/25/2017	100.030	100.010	100.0	1
KU	C1S	2074343	01/2017	01/25/2017	99.980	100.050	100.1	1
KU	C1S	2074344	01/2017	01/25/2017	100.010	99.950	99.9	1
KU	C1S	2074345	01/2017	01/25/2017	100.030	100.000	100.0	1
KU	C1S	2074346	01/2017	01/25/2017	100.030	99.960	100.0	1
KU	C1S	2074347	01/2017	01/25/2017	99.960	99.990	100.0	1
KU	C1S	2074348	01/2017	01/25/2017	99.950	100.030	100.1	1
KU	C1S	2074349	01/2017	01/25/2017	100.000	99.990	100.0	1
KU	C1S	2074350	01/2017	01/25/2017	99.980	99.980	100.0	1
KU	C1S	2074351	01/2017	01/25/2017	99.960	100.030	100.0	1
KU	C1S	2074352	01/2017	01/25/2017	100.040	100.000	100.0	1
KU	C1S	2074353	01/2017	01/25/2017	99.990	100.040	100.0	1
KU	C1S	2074354	01/2017	01/25/2017	99.990	100.030	100.1	1
KU	C1S	2074355	01/2017	01/25/2017	100.010	100.040	100.0	1
KU	C1S	2074356	01/2017	01/25/2017	100.010	100.040	100.1	1
KU	C1S	2074357	01/2017	01/25/2017	99.990	99.930	100.0	1
KU	C1S	2074358	01/2017	01/25/2017	100.010	100.000	100.1	1
KU	C1S	2074359	01/2017	01/25/2017	100.010	100.040	100.1	1
KU	C1S	2074360	01/2017	01/25/2017	99.990	99.990	100.0	1
KU	C1S	2074361	01/2017	01/25/2017	100.010	100.000	100.0	1
KU	C1S	2074362	01/2017	01/25/2017	99.980	100.060	100.1	1
KU	C1S	2074363	01/2017	01/25/2017	99.980	100.020	100.0	1
KU	C1S	2074364	01/2017	01/25/2017	99.990	100.040	100.0	1
KU	C1S	2074365	01/2017	01/25/2017	99.990	100.030	100.0	1
KU	C1S	2074366	01/2017	01/25/2017	100.010	100.020	100.0	1
KU	C1S	2074367	01/2017	01/25/2017	100.010	100.020	100.0	1
KU	C1S	2074368	01/2017	01/25/2017	99.980	100.030	100.0	1
KU	C1S	2074369	01/2017	01/25/2017	100.020	100.000	100.0	1

KU	C1S	2074370	01/2017	01/25/2017	99.980	100.020	100.0	1
KU	C1S	2074371	01/2017	01/25/2017	99.990	100.050	100.0	1
KU	C1S	2074372	01/2017	01/25/2017	100.010	100.010	100.0	1
KU	C1S	2074373	01/2017	01/25/2017	100.000	100.030	100.1	1
KU	C1S	2074374	01/2017	01/25/2017	100.000	100.040	100.0	1
KU	C1S	2074375	01/2017	01/25/2017	99.980	100.040	100.0	1
KU	C1S	2074376	01/2017	01/25/2017	100.020	100.010	100.0	1
KU	C1S	2074377	01/2017	01/25/2017	99.990	100.050	100.1	1
KU	C1S	2074378	01/2017	01/25/2017	100.020	100.040	100.0	1
KU	C1S	2074379	01/2017	01/25/2017	99.990	100.000	100.1	1
KU	C1S	2074380	01/2017	01/25/2017	100.000	100.050	100.1	1
KU	C1S	2074381	01/2017	01/25/2017	99.970	99.990	100.0	1
KU	C1S	2074382	01/2017	01/25/2017	99.980	100.080	100.0	1
KU	C1S	2074383	01/2017	01/25/2017	100.010	100.010	100.0	1
KU	C1S	2074384	01/2017	01/25/2017	99.960	100.030	100.1	1
KU	C1S	2074385	01/2017	01/25/2017	100.020	100.010	100.0	1
KU	C1S	2074386	01/2017	01/25/2017	100.000	100.020	100.0	1
KU	C1S	2074387	01/2017	01/25/2017	100.020	99.980	100.0	1
KU	C1S	2074388	01/2017	01/25/2017	99.960	99.970	100.0	1
KU	C1S	2074389	01/2017	01/25/2017	100.020	99.980	100.0	1
KU	C1S	2074390	01/2017	01/25/2017	100.000	100.020	100.0	1
KU	C1S	2074391	01/2017	01/25/2017	100.000	99.980	100.0	1
KU	C1S	2074392	01/2017	01/25/2017	100.010	100.000	100.0	1
KU	C1S	2074393	01/2017	01/25/2017	99.990	100.060	100.0	1
KU	C1S	2074394	01/2017	01/25/2017	100.000	100.040	100.0	1
KU	C1S	2074395	01/2017	01/25/2017	100.000	100.010	100.0	1
KU	C1S	2074396	01/2017	01/25/2017	100.020	99.960	100.0	1
KU	C1S	2074397	01/2017	01/25/2017	99.990	100.020	100.0	1
KU	C1S	2074398	01/2017	01/25/2017	99.990	100.030	100.0	1
KU	C1S	2074399	01/2017	01/25/2017	100.000	100.010	100.0	1
KU	C1S	2074400	01/2017	01/25/2017	99.990	100.030	100.0	1
KU	C1S	2074401	01/2017	01/25/2017	100.030	100.020	100.0	1
KU	C1S	2074402	01/2017	01/25/2017	100.020	99.990	100.0	1
KU	C1S	2074403	01/2017	01/25/2017	100.010	99.990	100.0	1
KU	C1S	2074404	01/2017	01/25/2017	100.010	100.000	100.0	1
KU	C1S	2074405	01/2017	01/25/2017	100.000	99.960	100.0	1
KU	C1S	2074406	01/2017	01/25/2017	100.010	99.980	100.0	1
KU	C1S	2074407	01/2017	01/25/2017	100.000	99.990	100.0	1
KU	C1S	2074408	01/2017	01/25/2017	100.000	100.000	100.0	1
KU	C1S	2074409	01/2017	01/25/2017	100.000	100.000	100.0	1
KU	C1S	2074410	01/2017	01/25/2017	100.020	99.970	100.0	1
KU	C1S	2074411	01/2017	01/25/2017	100.000	100.000	100.0	1

KU	C1S	2074412	01/2017	01/25/2017	100.020	99.980	100.1	1
KU	C1S	2074413	01/2017	01/25/2017	99.970	99.990	100.0	1
KU	C1S	2074414	01/2017	01/25/2017	100.000	100.010	100.0	1
KU	C1S	2074415	01/2017	01/25/2017	99.980	99.930	100.0	1
KU	C1S	2074416	01/2017	01/25/2017	100.040	100.000	100.0	1
KU	C1S	2074417	01/2017	01/25/2017	100.020	100.040	100.0	1
KU	C1S	2074418	01/2017	01/25/2017	99.980	100.010	100.0	1
KU	C1S	2074419	01/2017	01/25/2017	100.020	100.010	100.0	1
KU	C1S	2074420	01/2017	01/25/2017	99.990	99.990	100.0	1
KU	C1S	2074421	01/2017	01/25/2017	100.020	99.980	100.0	1
KU	C1S	2074422	01/2017	01/25/2017	100.030	100.030	100.0	1
KU	C1S	2074423	01/2017	01/25/2017	99.980	99.970	100.0	1
KU	C1S	2074424	01/2017	01/25/2017	100.000	100.010	100.0	1
KU	C1S	2074425	01/2017	01/25/2017	99.990	100.040	100.0	1
KU	C1S	2074426	01/2017	01/25/2017	99.970	99.950	100.0	1
KU	C1S	2074427	01/2017	01/25/2017	99.970	100.040	100.0	1
KU	C1S	2074428	01/2017	01/25/2017	99.990	100.000	100.0	1
KU	C1S	2074429	01/2017	01/25/2017	100.010	100.030	100.0	1
KU	C1S	2074430	01/2017	01/25/2017	100.010	100.000	100.0	1
KU	C1S	2074431	01/2017	01/25/2017	100.040	100.010	100.0	1
KU	C1S	2074432	01/2017	01/25/2017	100.020	100.030	100.1	1
KU	C1S	2074433	01/2017	01/25/2017	100.010	100.020	100.1	1
KU	C1S	2074434	01/2017	01/25/2017	99.990	99.980	100.0	1
KU	C1S	2074435	01/2017	01/25/2017	99.950	100.020	100.0	1
KU	C1S	2074436	01/2017	01/25/2017	99.990	100.040	100.1	1
KU	C1S	2074437	01/2017	01/25/2017	100.030	100.070	100.0	1
KU	C1S	2074438	01/2017	01/25/2017	100.020	100.000	100.0	1
KU	C1S	2074439	01/2017	01/25/2017	100.000	100.060	100.1	1
KU	C1S	2074440	01/2017	01/25/2017	100.020	100.040	100.1	1
KU	C1S	2074441	01/2017	01/25/2017	99.970	99.990	100.0	1
KU	C1S	2074442	01/2017	01/25/2017	100.010	99.960	100.0	1
KU	C1S	2074443	01/2017	01/25/2017	100.000	99.980	100.0	1
KU	C1S	2074444	01/2017	01/25/2017	100.000	99.960	100.0	1
KU	C1S	2074445	01/2017	01/25/2017	100.010	100.020	100.1	1
KU	C1S	2074446	01/2017	01/25/2017	99.990	100.030	100.0	1
KU	C1S	2074447	01/2017	01/25/2017	99.990	99.950	100.0	1
KU	C1S	2074448	01/2017	01/25/2017	100.000	100.020	100.0	1
KU	C1S	2074449	01/2017	01/25/2017	100.000	99.970	100.0	1
KU	C1S	2074450	01/2017	01/25/2017	100.000	100.040	100.1	1
KU	C1S	2074451	01/2017	01/25/2017	100.000	99.990	100.0	1
KU	C1S	2074452	01/2017	01/25/2017	99.990	100.030	100.0	1
KU	C1S	2074453	01/2017	01/25/2017	100.000	100.030	100.0	1

KU	C1S	2074454	01/2017	01/25/2017	99.980	100.030	100.1	1
KU	C1S	2074455	01/2017	01/25/2017	100.000	100.000	100.0	1
KU	C1S	2074456	01/2017	01/25/2017	100.000	100.010	100.0	1
KU	C1S	2074457	01/2017	01/25/2017	99.990	99.960	99.9	1
KU	C1S	2074458	01/2017	01/25/2017	99.980	100.000	100.1	1
KU	C1S	2074459	01/2017	01/25/2017	100.010	100.020	100.0	1
KU	C1S	2074460	01/2017	01/25/2017	100.030	99.970	100.0	1
KU	C1S	2074461	01/2017	01/25/2017	99.980	100.020	100.0	1
KU	C1S	2074462	01/2017	01/25/2017	100.010	100.030	100.0	1
KU	C1S	2074463	01/2017	01/25/2017	100.010	100.000	100.0	1
KU	C1S	2074464	01/2017	01/25/2017	100.000	99.980	100.0	1
KU	C1S	2074465	01/2017	01/25/2017	100.010	99.990	100.1	1
KU	C1S	2074466	01/2017	01/25/2017	99.980	100.010	100.0	1
KU	C1S	2074467	01/2017	01/25/2017	100.020	100.040	100.0	1
KU	C1S	2074468	01/2017	01/25/2017	99.970	100.020	100.0	1
KU	C1S	2074469	01/2017	01/25/2017	99.940	99.990	100.0	1
KU	C1S	2074470	01/2017	01/25/2017	99.990	99.960	100.0	1
KU	C1S	2074471	01/2017	01/25/2017	100.000	100.000	100.0	1
KU	C1S	2074472	01/2017	01/25/2017	100.010	99.970	100.0	1
KU	C1S	2074473	01/2017	01/25/2017	100.030	100.030	100.0	1
KU	C1S	2074474	01/2017	01/25/2017	100.010	100.000	100.0	1
KU	C1S	2074475	01/2017	01/25/2017	99.980	99.980	100.0	1
KU	C1S	2074476	01/2017	01/25/2017	100.030	99.990	100.1	1
KU	C1S	2074477	01/2017	01/25/2017	99.950	100.000	100.0	1
KU	C1S	2074478	01/2017	01/25/2017	99.950	99.980	100.0	1
KU	C1S	2074479	01/2017	01/25/2017	100.010	100.000	100.0	1
KU	C1S	2074480	01/2017	01/25/2017	100.020	99.970	100.0	1
KU	C1S	2074481	01/2017	01/25/2017	100.020	100.030	100.0	1
KU	C1S	2074482	01/2017	01/25/2017	100.050	99.980	99.9	1
KU	C1S	2074483	01/2017	01/25/2017	100.020	100.040	100.1	1
KU	C1S	2074484	01/2017	01/25/2017	99.990	100.020	100.0	1
KU	C1S	2074485	01/2017	01/25/2017	99.990	99.970	100.0	1
KU	C1S	2074486	01/2017	01/25/2017	99.950	100.000	100.0	1
KU	C1S	2074487	01/2017	01/25/2017	100.000	100.050	100.0	1
KU	C1S	2074488	01/2017	01/25/2017	100.030	99.970	100.0	1
KU	C1S	2074489	01/2017	01/25/2017	99.990	99.980	100.0	1
KU	C1S	2074490	01/2017	01/25/2017	100.050	99.930	99.9	1
KU	C1S	2074491	01/2017	01/25/2017	100.000	99.970	100.0	1
KU	C1S	2074492	01/2017	01/25/2017	100.010	99.990	100.0	1
KU	C1S	2074493	01/2017	01/25/2017	100.010	100.010	100.0	1
KU	C1S	2074494	01/2017	01/25/2017	100.010	100.000	100.0	1
KU	C1S	2074495	01/2017	01/25/2017	100.030	100.030	100.0	1



KU	C1S	2074496	01/2017	01/25/2017	100.030	100.000	100.0	1
KU	C1S	2074497	01/2017	01/25/2017	99.990	100.000	100.0	1
KU	C1S	2074498	01/2017	01/25/2017	99.980	99.980	100.0	1
KU	C1S	2074499	01/2017	01/25/2017	100.020	100.030	100.0	1
KU	C1S	2074500	01/2017	01/25/2017	99.980	100.000	100.0	1
KU	C1S	2074501	01/2017	01/25/2017	100.010	99.970	100.0	1
KU	C1S	2074502	01/2017	01/25/2017	100.000	100.010	100.0	1
KU	C1S	2074503	01/2017	01/25/2017	99.990	99.980	100.0	1
KU	C1S	2074504	01/2017	01/25/2017	100.010	100.050	100.0	1
KU	C1S	2074505	01/2017	01/25/2017	100.010	100.040	100.1	1
KU	C1S	2074506	01/2017	01/25/2017	100.010	99.980	100.0	1
KU	C1S	2074507	01/2017	01/25/2017	100.020	99.990	100.0	1
KU	C1S	2074508	01/2017	01/25/2017	100.030	100.010	100.0	1
KU	C1S	2074509	01/2017	01/25/2017	99.990	100.000	100.0	1
KU	C1S	2074510	01/2017	01/25/2017	100.040	99.980	100.0	1
KU	C1S	2074511	01/2017	01/25/2017	100.010	100.010	100.0	1
KU	C1S	2074512	01/2017	01/25/2017	100.000	99.990	100.0	1
KU	C1S	2074513	01/2017	01/25/2017	100.010	100.020	100.0	1
KU	C1S	2074514	01/2017	01/25/2017	100.010	99.980	100.1	1
KU	C1S	2074515	01/2017	01/25/2017	100.010	99.990	100.0	1
KU	C1S	2074516	01/2017	01/25/2017	100.000	100.000	100.0	1
KU	C1S	2074517	01/2017	01/25/2017	100.000	99.960	100.0	1
KU	C1S	2074518	01/2017	01/25/2017	100.010	99.980	100.0	1
KU	C1S	2074519	01/2017	01/25/2017	99.970	99.990	100.0	1
KU	C1S	2074520	01/2017	01/25/2017	100.000	99.990	100.0	1
KU	C1S	2074521	01/2017	01/25/2017	100.020	100.000	100.0	1
KU	C1S	2074522	01/2017	01/25/2017	100.020	100.020	100.0	1
KU	C1S	2074523	01/2017	01/25/2017	99.980	99.980	100.0	1
KU	C1S	2074524	01/2017	01/25/2017	100.010	99.990	100.0	1
KU	C1S	2074525	01/2017	01/25/2017	100.030	99.980	100.0	1
KU	C1S	2074526	01/2017	01/25/2017	99.950	100.020	99.9	1
KU	C1S	2074527	01/2017	01/25/2017	100.010	100.010	100.0	1
KU	C1S	2074528	01/2017	01/25/2017	100.020	100.000	100.0	1
KU	C1S	2074529	01/2017	01/25/2017	99.950	100.060	100.0	1
KU	C1S	2074530	01/2017	01/25/2017	100.000	99.980	100.0	1
KU	C1S	2074531	01/2017	01/25/2017	100.010	100.040	100.0	1
KU	C1S	2074532	01/2017	01/25/2017	99.990	99.990	100.0	1
KU	C1S	2074533	01/2017	01/25/2017	100.000	99.990	100.0	1
KU	C1S	2074534	01/2017	01/25/2017	100.020	100.000	100.0	1
KU	C1S	2074535	01/2017	01/25/2017	100.020	99.980	100.0	1
KU	C1S	2074536	01/2017	01/25/2017	100.020	100.030	100.0	1
KU	C1S	2074537	01/2017	01/25/2017	100.020	99.990	100.0	1

KU	C1S	2074538	01/2017	01/25/2017	100.010	99.980	100.0	1
KU	C1S	2074539	01/2017	01/25/2017	100.000	99.980	100.0	1
KU	C1S	2074780	02/2017	02/06/2017	100.040	99.950	99.9	1
KU	C1S	2074781	02/2017	02/06/2017	99.980	100.040	100.0	1
KU	C1S	2074782	02/2017	02/06/2017	99.990	99.990	100.0	1
KU	C1S	2074783	02/2017	02/06/2017	100.000	99.950	99.9	1
KU	C1S	2074784	02/2017	02/06/2017	100.040	100.000	100.0	1
KU	C1S	2074785	02/2017	02/06/2017	100.030	100.060	100.0	1
KU	C1S	2074786	02/2017	02/06/2017	100.020	99.960	100.0	1
KU	C1S	2074787	02/2017	02/06/2017	100.030	100.000	99.9	1
KU	C1S	2074788	02/2017	02/06/2017	100.000	99.980	100.0	1
KU	C1S	2074789	02/2017	02/06/2017	100.010	99.960	99.9	1
KU	C1S	2074790	02/2017	02/06/2017	99.990	100.040	100.0	1
KU	C1S	2074791	02/2017	02/06/2017	99.990	99.980	100.0	1
KU	C1S	2074792	02/2017	02/06/2017	100.000	100.000	100.0	1
KU	C1S	2074793	02/2017	02/06/2017	100.000	99.980	100.0	1
KU	C1S	2074794	02/2017	02/06/2017	99.970	99.970	100.0	1
KU	C1S	2074795	02/2017	02/06/2017	100.020	99.980	100.0	1
KU	C1S	2074796	02/2017	02/06/2017	100.000	99.930	99.9	1
KU	C1S	2074797	02/2017	02/06/2017	99.970	99.990	100.0	1
KU	C1S	2074798	02/2017	02/06/2017	99.960	99.990	100.0	1
KU	C1S	2074799	02/2017	02/06/2017	100.040	99.970	100.0	1
KU	C1S	2074800	02/2017	02/06/2017	100.020	99.990	100.0	1
KU	C1S	2074801	02/2017	02/06/2017	99.990	99.970	100.1	1
KU	C1S	2074802	02/2017	02/06/2017	100.010	99.990	100.0	1
KU	C1S	2074803	02/2017	02/06/2017	100.000	100.010	100.0	1
KU	C1S	2074804	02/2017	02/06/2017	99.970	99.990	100.0	1
KU	C1S	2074805	02/2017	02/06/2017	100.030	99.980	100.0	1
KU	C1S	2074806	02/2017	02/06/2017	100.010	99.970	100.0	1
KU	C1S	2074807	02/2017	02/06/2017	99.990	100.010	100.0	1
KU	C1S	2074808	02/2017	02/06/2017	99.990	100.020	100.0	1
KU	C1S	2074809	02/2017	02/06/2017	100.000	99.980	100.0	1
KU	C1S	2074810	02/2017	02/06/2017	100.010	99.980	99.9	1
KU	C1S	2074811	02/2017	02/06/2017	100.010	100.020	100.1	1
KU	C1S	2074812	02/2017	02/06/2017	99.980	99.990	100.0	1
KU	C1S	2074813	02/2017	02/06/2017	99.970	99.950	99.9	1
KU	C1S	2074814	02/2017	02/06/2017	99.980	100.020	100.0	1
KU	C1S	2074815	02/2017	02/06/2017	100.000	100.030	100.0	1
KU	C1S	2074816	02/2017	02/06/2017	99.990	99.990	100.0	1
KU	C1S	2074817	02/2017	02/06/2017	100.050	100.010	100.0	1
KU	C1S	2074818	02/2017	02/06/2017	100.000	99.950	100.0	1
KU	C1S	2074819	02/2017	02/06/2017	99.980	99.990	100.0	1

KU	C1S	2074820	02/2017	02/06/2017	100.010	100.020	100.0	1
KU	C1S	2074821	02/2017	02/06/2017	100.010	99.970	99.9	1
KU	C1S	2074822	02/2017	02/06/2017	99.970	100.030	100.0	1
KU	C1S	2074823	02/2017	02/06/2017	100.040	100.000	100.0	1
KU	C1S	2074824	02/2017	02/06/2017	100.000	99.970	100.0	1
KU	C1S	2074825	02/2017	02/06/2017	100.010	99.960	100.0	1
KU	C1S	2074826	02/2017	02/06/2017	100.000	100.000	100.0	1
KU	C1S	2074827	02/2017	02/06/2017	99.970	100.010	100.0	1
KU	C1S	2074828	02/2017	02/06/2017	99.990	99.990	100.0	1
KU	C1S	2074829	02/2017	02/06/2017	100.000	100.000	100.0	1
KU	C1S	2074830	02/2017	02/06/2017	99.970	99.990	100.0	1
KU	C1S	2074831	02/2017	02/06/2017	100.030	99.980	99.9	1
KU	C1S	2074832	02/2017	02/06/2017	99.980	100.000	100.0	1
KU	C1S	2074833	02/2017	02/06/2017	99.990	99.970	100.0	1
KU	C1S	2074834	02/2017	02/06/2017	100.020	99.950	100.0	1
KU	C1S	2074835	02/2017	02/06/2017	100.010	100.020	100.0	1
KU	C1S	2074836	02/2017	02/06/2017	100.010	99.990	100.0	1
KU	C1S	2074837	02/2017	02/06/2017	99.990	100.010	100.0	1
KU	C1S	2074838	02/2017	02/06/2017	100.050	99.970	100.0	1
KU	C1S	2074839	02/2017	02/06/2017	99.960	99.990	100.0	1
KU	C1S	2074840	02/2017	02/06/2017	99.990	100.010	100.0	1
KU	C1S	2074841	02/2017	02/06/2017	99.990	100.000	100.1	1
KU	C1S	2074842	02/2017	02/06/2017	99.990	99.980	100.0	1
KU	C1S	2074843	02/2017	02/06/2017	100.000	100.000	100.0	1
KU	C1S	2074844	02/2017	02/06/2017	100.000	99.990	100.0	1
KU	C1S	2074845	02/2017	02/06/2017	99.960	100.000	100.0	1
KU	C1S	2074846	02/2017	02/06/2017	100.030	100.000	100.0	1
KU	C1S	2074847	02/2017	02/06/2017	99.970	100.020	99.9	1
KU	C1S	2074848	02/2017	02/06/2017	99.980	99.990	100.0	1
KU	C1S	2074849	02/2017	02/06/2017	100.030	100.010	100.0	1
KU	C1S	2074850	02/2017	02/06/2017	99.960	100.000	100.0	1
KU	C1S	2074851	02/2017	02/06/2017	100.020	100.000	100.1	1
KU	C1S	2074852	02/2017	02/06/2017	100.040	99.960	99.9	1
KU	C1S	2074853	02/2017	02/06/2017	99.980	100.000	100.0	1
KU	C1S	2074854	02/2017	02/06/2017	100.000	99.990	100.0	1
KU	C1S	2074855	02/2017	02/06/2017	100.000	99.960	100.0	1
KU	C1S	2074856	02/2017	02/06/2017	99.990	99.970	99.9	1
KU	C1S	2074857	02/2017	02/06/2017	99.990	100.000	100.0	1
KU	C1S	2074858	02/2017	02/06/2017	99.990	99.990	100.0	1
KU	C1S	2074859	02/2017	02/06/2017	99.980	100.000	100.1	1
KU	C1S	2074860	02/2017	02/06/2017	100.030	99.980	100.0	1
KU	C1S	2074861	02/2017	02/06/2017	100.000	100.030	100.0	1

KU	C1S	2074862	02/2017	02/06/2017	99.970	99.980	100.0	1
KU	C1S	2074863	02/2017	02/06/2017	99.980	99.990	100.0	1
KU	C1S	2074864	02/2017	02/06/2017	100.010	99.960	100.0	1
KU	C1S	2074865	02/2017	02/06/2017	100.010	99.990	100.0	1
KU	C1S	2074866	02/2017	02/06/2017	100.030	99.960	100.0	1
KU	C1S	2074867	02/2017	02/06/2017	100.020	100.030	100.0	1
KU	C1S	2074868	02/2017	02/06/2017	100.030	99.980	99.9	1
KU	C1S	2074869	02/2017	02/06/2017	99.960	99.990	100.0	1
KU	C1S	2074870	02/2017	02/06/2017	100.010	99.980	100.0	1
KU	C1S	2074871	02/2017	02/06/2017	100.000	100.000	100.0	1
KU	C1S	2074872	02/2017	02/06/2017	99.970	99.980	100.0	1
KU	C1S	2074873	02/2017	02/06/2017	100.020	99.990	100.0	1
KU	C1S	2074874	02/2017	02/06/2017	100.000	100.000	100.0	1
KU	C1S	2074875	02/2017	02/06/2017	100.020	99.990	100.0	1
KU	C1S	2074876	02/2017	02/06/2017	100.010	99.970	100.0	1
KU	C1S	2074877	02/2017	02/06/2017	100.020	100.010	100.0	1
KU	C1S	2074878	02/2017	02/06/2017	100.030	100.000	100.0	1
KU	C1S	2074879	02/2017	02/06/2017	100.030	99.980	99.9	1
KU	C1S	2074880	02/2017	02/06/2017	99.980	99.990	100.0	1
KU	C1S	2074881	02/2017	02/06/2017	100.000	99.980	100.0	1
KU	C1S	2074882	02/2017	02/06/2017	100.020	100.010	100.0	1
KU	C1S	2074883	02/2017	02/06/2017	99.990	99.990	100.0	1
KU	C1S	2074884	02/2017	02/06/2017	99.990	100.000	100.0	1
KU	C1S	2074885	02/2017	02/06/2017	99.980	100.000	100.0	1
KU	C1S	2074886	02/2017	02/06/2017	100.000	100.010	100.0	1
KU	C1S	2074887	02/2017	02/06/2017	100.010	99.950	99.9	1
KU	C1S	2074888	02/2017	02/06/2017	100.010	100.010	100.0	1
KU	C1S	2074889	02/2017	02/06/2017	99.980	99.980	100.0	1
KU	C1S	2074890	02/2017	02/06/2017	99.980	100.020	100.0	1
KU	C1S	2074891	02/2017	02/06/2017	99.990	100.010	100.0	1
KU	C1S	2074892	02/2017	02/06/2017	99.970	99.980	100.0	1
KU	C1S	2074893	02/2017	02/06/2017	100.020	99.980	100.0	1
KU	C1S	2074894	02/2017	02/06/2017	99.980	100.010	100.0	1
KU	C1S	2074895	02/2017	02/06/2017	100.000	100.010	100.0	1
KU	C1S	2074896	02/2017	02/06/2017	100.030	100.010	100.0	1
KU	C1S	2074897	02/2017	02/06/2017	99.980	99.970	100.0	1
KU	C1S	2074898	02/2017	02/06/2017	99.980	100.000	100.0	1
KU	C1S	2074899	02/2017	02/06/2017	99.990	100.020	100.0	1
KU	C1S	2074900	02/2017	02/06/2017	99.990	99.990	100.0	1
KU	C1S	2074901	02/2017	02/06/2017	100.020	100.000	100.0	1
KU	C1S	2074902	02/2017	02/06/2017	100.000	99.980	100.0	1
KU	C1S	2074903	02/2017	02/06/2017	99.990	99.990	100.0	1

KU	C1S	2074904	02/2017	02/06/2017	99.990	99.970	100.0	1
KU	C1S	2074905	02/2017	02/06/2017	99.980	99.980	100.0	1
KU	C1S	2074906	02/2017	02/06/2017	100.030	99.990	100.0	1
KU	C1S	2074907	02/2017	02/06/2017	100.000	99.970	99.9	1
KU	C1S	2074908	02/2017	02/06/2017	99.970	100.020	100.0	1
KU	C1S	2074909	02/2017	02/06/2017	99.980	99.990	100.0	1
KU	C1S	2074910	02/2017	02/06/2017	100.010	100.000	100.1	1
KU	C1S	2074911	02/2017	02/06/2017	100.030	100.000	100.0	1
KU	C1S	2074912	02/2017	02/06/2017	100.030	100.000	100.1	1
KU	C1S	2074913	02/2017	02/06/2017	99.980	100.000	100.0	1
KU	C1S	2074914	02/2017	02/06/2017	99.990	99.990	100.0	1
KU	C1S	2074915	02/2017	02/06/2017	100.010	99.940	100.0	1
KU	C1S	2074916	02/2017	02/06/2017	100.000	100.020	100.0	1
KU	C1S	2074917	02/2017	02/06/2017	99.990	99.990	100.0	1
KU	C1S	2074918	02/2017	02/06/2017	100.030	99.980	100.0	1
KU	C1S	2074919	02/2017	02/06/2017	100.000	99.980	99.9	1
KU	C1S	2074920	02/2017	02/06/2017	99.980	100.000	100.0	1
KU	C1S	2074921	02/2017	02/06/2017	99.930	99.970	100.0	1
KU	C1S	2074922	02/2017	02/06/2017	100.000	100.000	100.0	1
KU	C1S	2074923	02/2017	02/06/2017	100.000	99.980	99.9	1
KU	C1S	2074924	02/2017	02/06/2017	99.980	99.990	100.0	1
KU	C1S	2074925	02/2017	02/06/2017	99.980	99.980	99.9	1
KU	C1S	2074926	02/2017	02/06/2017	99.990	99.950	100.0	1
KU	C1S	2074927	02/2017	02/06/2017	99.990	99.980	100.0	1
KU	C1S	2074928	02/2017	02/06/2017	100.030	100.020	100.0	1
KU	C1S	2074929	02/2017	02/06/2017	100.030	99.990	100.0	1
KU	C1S	2074930	02/2017	02/06/2017	99.990	99.980	100.0	1
KU	C1S	2074931	02/2017	02/06/2017	99.990	99.990	100.0	1
KU	C1S	2074932	02/2017	02/06/2017	100.010	100.010	100.0	1
KU	C1S	2074933	02/2017	02/06/2017	100.000	99.980	100.0	1
KU	C1S	2074934	02/2017	02/06/2017	99.990	99.970	100.0	1
KU	C1S	2074935	02/2017	02/06/2017	100.000	100.010	100.1	1
KU	C1S	2074936	02/2017	02/06/2017	100.000	100.000	100.0	1
KU	C1S	2074937	02/2017	02/06/2017	99.980	99.970	99.9	1
KU	C1S	2074938	02/2017	02/06/2017	100.000	99.980	100.1	1
KU	C1S	2074939	02/2017	02/06/2017	100.010	99.960	99.9	1
KU	C1S	2074940	02/2017	02/06/2017	99.970	100.020	100.0	1
KU	C1S	2074941	02/2017	02/06/2017	99.990	99.970	100.0	1
KU	C1S	2074942	02/2017	02/06/2017	99.950	100.000	100.0	1
KU	C1S	2074943	02/2017	02/06/2017	99.950	100.000	100.0	1
KU	C1S	2074944	02/2017	02/06/2017	100.000	100.010	100.0	1
KU	C1S	2074945	02/2017	02/06/2017	99.950	100.020	100.0	1

KU	C1S	2074946	02/2017	02/06/2017	99.990	100.000	100.0	1
KU	C1S	2074947	02/2017	02/06/2017	100.030	100.010	100.0	1
KU	C1S	2074948	02/2017	02/06/2017	100.010	99.990	100.0	1
KU	C1S	2074949	02/2017	02/06/2017	100.020	99.970	100.0	1
KU	C1S	2074950	02/2017	02/06/2017	99.990	99.990	100.0	1
KU	C1S	2074951	02/2017	02/06/2017	100.000	99.960	99.9	1
KU	C1S	2074952	02/2017	02/06/2017	99.960	100.000	100.0	1
KU	C1S	2074953	02/2017	02/06/2017	99.950	99.980	99.9	1
KU	C1S	2074954	02/2017	02/06/2017	100.000	99.980	100.0	1
KU	C1S	2074955	02/2017	02/06/2017	99.990	99.990	100.0	1
KU	C1S	2074956	02/2017	02/06/2017	100.000	100.010	100.0	1
KU	C1S	2074957	02/2017	02/06/2017	100.000	100.010	100.0	1
KU	C1S	2074958	02/2017	02/06/2017	100.000	99.990	100.0	1
KU	C1S	2074959	02/2017	02/06/2017	99.990	99.960	100.0	1
KU	C1S	2074960	02/2017	02/06/2017	100.020	100.000	99.9	1
KU	C1S	2074961	02/2017	02/06/2017	99.990	99.960	100.0	1
KU	C1S	2074962	02/2017	02/06/2017	100.040	100.010	100.0	1
KU	C1S	2074963	02/2017	02/06/2017	100.000	99.960	100.0	1
KU	C1S	2074964	02/2017	02/06/2017	100.000	99.990	100.0	1
KU	C1S	2074965	02/2017	02/06/2017	99.990	100.000	100.0	1
KU	C1S	2074966	02/2017	02/06/2017	100.020	99.990	100.0	1
KU	C1S	2074967	02/2017	02/06/2017	100.000	100.020	99.9	1
KU	C1S	2074968	02/2017	02/06/2017	100.000	99.980	100.0	1
KU	C1S	2074969	02/2017	02/06/2017	99.990	99.990	100.0	1
KU	C1S	2074970	02/2017	02/06/2017	100.020	100.030	100.0	1
KU	C1S	2074971	02/2017	02/06/2017	99.990	100.000	100.0	1
KU	C1S	2074972	02/2017	02/06/2017	99.980	100.010	100.0	1
KU	C1S	2074973	02/2017	02/06/2017	99.990	100.050	100.0	1
KU	C1S	2074974	02/2017	02/06/2017	100.020	99.970	100.0	1
KU	C1S	2074975	02/2017	02/06/2017	99.990	99.950	100.0	1
KU	C1S	2074976	02/2017	02/06/2017	99.990	99.960	100.0	1
KU	C1S	2074977	02/2017	02/06/2017	99.990	100.040	100.0	1
KU	C1S	2074978	02/2017	02/06/2017	100.010	100.050	100.0	1
KU	C1S	2074979	02/2017	02/06/2017	99.990	99.990	100.0	1
KU	C1S	2074980	02/2017	02/06/2017	99.980	100.010	100.0	1
KU	C1S	2074981	02/2017	02/06/2017	100.030	100.000	100.0	1
KU	C1S	2074982	02/2017	02/06/2017	100.000	100.010	100.0	1
KU	C1S	2074983	02/2017	02/06/2017	100.000	99.990	100.1	1
KU	C1S	2074984	02/2017	02/06/2017	99.990	99.950	100.0	1
KU	C1S	2074985	02/2017	02/06/2017	99.980	99.990	100.0	1
KU	C1S	2074986	02/2017	02/06/2017	100.000	100.000	100.0	1
KU	C1S	2074987	02/2017	02/06/2017	99.990	99.970	100.0	1

KU	C1S	2074988	02/2017	02/06/2017	100.040	100.060	100.0	1
KU	C1S	2074989	02/2017	02/06/2017	99.990	100.010	100.0	1
KU	C1S	2074990	02/2017	02/06/2017	100.020	99.990	100.0	1
KU	C1S	2074991	02/2017	02/06/2017	99.990	100.010	100.0	1
KU	C1S	2074992	02/2017	02/06/2017	100.010	100.010	100.0	1
KU	C1S	2074993	02/2017	02/06/2017	99.980	99.970	100.0	1
KU	C1S	2074994	02/2017	02/06/2017	100.010	100.050	100.0	1
KU	C1S	2074995	02/2017	02/06/2017	99.980	100.000	100.0	1
KU	C1S	2074996	02/2017	02/06/2017	99.980	99.960	99.9	1
KU	C1S	2074997	02/2017	02/06/2017	99.980	100.010	100.0	1
KU	C1S	2074998	02/2017	02/06/2017	99.980	100.000	100.0	1
KU	C1S	2074999	02/2017	02/06/2017	99.980	99.950	100.0	1
KU	C1S	2075000	02/2017	02/06/2017	99.970	100.010	100.0	1
KU	C1S	2075001	02/2017	02/06/2017	100.000	99.980	100.1	1
KU	C1S	2075002	02/2017	02/06/2017	100.010	100.000	100.0	1
KU	C1S	2075003	02/2017	02/06/2017	100.000	100.000	100.0	1
KU	C1S	2075004	02/2017	02/06/2017	99.980	100.030	100.0	1
KU	C1S	2075005	02/2017	02/06/2017	99.990	100.050	100.0	1
KU	C1S	2075006	02/2017	02/06/2017	99.990	100.020	100.0	1
KU	C1S	2075007	02/2017	02/06/2017	100.020	100.010	100.0	1
KU	C1S	2075008	02/2017	02/06/2017	99.970	99.980	100.0	1
KU	C1S	2075009	02/2017	02/06/2017	99.980	99.950	99.9	1
KU	C1S	2075010	02/2017	02/06/2017	100.020	99.940	100.0	1
KU	C1S	2075011	02/2017	02/06/2017	99.970	100.010	100.0	1
KU	C1S	2075012	02/2017	02/06/2017	99.980	100.000	100.0	1
KU	C1S	2075013	02/2017	02/06/2017	100.000	100.000	100.0	1
KU	C1S	2075014	02/2017	02/06/2017	100.020	99.950	99.9	1
KU	C1S	2075015	02/2017	02/06/2017	100.000	100.000	100.0	1
KU	C1S	2075016	02/2017	02/06/2017	100.070	99.950	100.0	1
KU	C1S	2075017	02/2017	02/06/2017	100.000	100.010	100.0	1
KU	C1S	2075018	02/2017	02/06/2017	100.010	99.970	99.9	1
KU	C1S	2075019	02/2017	02/06/2017	100.000	100.020	100.0	1
KU	C1S	2075020	02/2017	02/06/2017	100.000	100.000	100.0	1
KU	C1S	2075021	02/2017	02/06/2017	100.000	99.980	99.9	1
KU	C1S	2075022	02/2017	02/06/2017	99.990	100.000	100.0	1
KU	C1S	2075023	02/2017	02/06/2017	99.990	100.020	100.0	1
KU	C1S	2075024	02/2017	02/06/2017	99.980	100.020	100.0	1
KU	C1S	2075025	02/2017	02/06/2017	99.990	99.970	100.0	1
KU	C1S	2075026	02/2017	02/06/2017	99.990	100.040	100.0	1
KU	C1S	2075027	02/2017	02/06/2017	99.990	100.030	100.0	1
KU	C1S	2075028	02/2017	02/06/2017	99.980	99.990	99.9	1
KU	C1S	2075029	02/2017	02/06/2017	100.000	100.010	100.0	1

KU	C1S	2075030	02/2017	02/06/2017	99.990	99.940	100.0	1
KU	C1S	2075031	02/2017	02/06/2017	100.010	100.000	100.0	1
KU	C1S	2075032	02/2017	02/06/2017	100.020	99.940	99.9	1
KU	C1S	2075033	02/2017	02/06/2017	100.000	99.960	100.0	1
KU	C1S	2075034	02/2017	02/06/2017	100.020	100.020	100.0	1
KU	C1S	2075035	02/2017	02/06/2017	99.980	100.020	100.0	1
KU	C1S	2075036	02/2017	02/06/2017	99.970	99.990	100.1	1
KU	C1S	2075037	02/2017	02/06/2017	100.000	100.000	100.0	1
KU	C1S	2075038	02/2017	02/06/2017	100.040	99.990	100.0	1
KU	C1S	2075039	02/2017	02/06/2017	99.990	100.030	100.0	1
KU	C1S	2075040	02/2017	02/06/2017	99.970	100.000	100.0	1
KU	C1S	2075041	02/2017	02/06/2017	99.990	99.980	100.0	1
KU	C1S	2075042	02/2017	02/06/2017	100.000	100.020	100.0	1
KU	C1S	2075043	02/2017	02/06/2017	100.010	99.990	100.0	1
KU	C1S	2075044	02/2017	02/06/2017	100.000	99.990	100.0	1
KU	C1S	2075045	02/2017	02/06/2017	100.010	99.980	100.0	1
KU	C1S	2075046	02/2017	02/06/2017	99.990	99.990	100.0	1
KU	C1S	2075047	02/2017	02/06/2017	100.030	99.990	100.0	1
KU	C1S	2075048	02/2017	02/06/2017	100.000	99.950	99.9	1
KU	C1S	2075049	02/2017	02/06/2017	100.000	100.000	100.0	1
KU	C1S	2075050	02/2017	02/06/2017	99.990	99.970	100.0	1
KU	C1S	2075051	02/2017	02/06/2017	100.050	99.980	100.0	1
KU	C1S	2075052	02/2017	02/06/2017	100.010	100.000	100.0	1
KU	C1S	2075053	02/2017	02/06/2017	100.030	100.000	100.0	1
KU	C1S	2075054	02/2017	02/06/2017	100.040	99.990	100.0	1
KU	C1S	2075055	02/2017	02/06/2017	99.970	99.990	100.0	1
KU	C1S	2075056	02/2017	02/06/2017	100.000	100.010	100.0	1
KU	C1S	2075057	02/2017	02/06/2017	100.000	99.990	100.0	1
KU	C1S	2075058	02/2017	02/06/2017	99.990	99.940	100.0	1
KU	C1S	2075059	02/2017	02/06/2017	99.980	100.020	100.0	1
KU	C1S	2075060	02/2017	02/06/2017	100.000	99.950	100.0	1
KU	C1S	2075061	02/2017	02/06/2017	99.970	99.960	100.0	1
KU	C1S	2075062	02/2017	02/06/2017	100.000	100.000	100.0	1
KU	C1S	2075063	02/2017	02/06/2017	100.000	99.960	100.0	1
KU	C1S	2075064	02/2017	02/06/2017	100.020	99.970	99.9	1
KU	C1S	2075065	02/2017	02/06/2017	100.020	99.960	99.9	1
KU	C1S	2075066	02/2017	02/06/2017	99.980	99.980	100.0	1
KU	C1S	2075067	02/2017	02/06/2017	100.000	99.980	100.0	1
KU	C1S	2075068	02/2017	02/06/2017	100.020	99.970	100.0	1
KU	C1S	2075069	02/2017	02/06/2017	100.000	100.000	100.0	1
KU	C1S	2075070	02/2017	02/06/2017	100.010	99.980	100.0	1
KU	C1S	2075071	02/2017	02/06/2017	99.960	99.980	100.0	1



KU	C1S	2075072	02/2017	02/06/2017	99.980	99.960	100.0	1
KU	C1S	2075073	02/2017	02/06/2017	99.970	99.980	100.0	1
KU	C1S	2075074	02/2017	02/06/2017	100.000	99.980	100.0	1
KU	C1S	2075075	02/2017	02/06/2017	100.010	100.000	100.0	1
KU	C1S	2075076	02/2017	02/06/2017	100.000	99.940	100.0	1
KU	C1S	2075077	02/2017	02/06/2017	100.010	100.000	100.0	1
KU	C1S	2075078	02/2017	02/06/2017	100.010	100.020	100.0	1
KU	C1S	2075079	02/2017	02/06/2017	100.000	100.000	100.0	1
KU	C1S	2075080	02/2017	02/06/2017	99.980	99.980	100.0	1
KU	C1S	2075081	02/2017	02/06/2017	100.010	100.000	100.0	1
KU	C1S	2075082	02/2017	02/06/2017	100.040	100.000	100.0	1
KU	C1S	2075083	02/2017	02/06/2017	99.990	99.940	100.0	1
KU	C1S	2075084	02/2017	02/06/2017	99.990	100.000	100.0	1
KU	C1S	2075085	02/2017	02/06/2017	100.010	99.990	100.0	1
KU	C1S	2075086	02/2017	02/06/2017	99.970	100.020	100.0	1
KU	C1S	2075087	02/2017	02/06/2017	100.020	100.010	100.0	1
KU	C1S	2075088	02/2017	02/06/2017	99.970	100.000	100.0	1
KU	C1S	2075089	02/2017	02/06/2017	99.990	99.980	100.0	1
KU	C1S	2075090	02/2017	02/06/2017	99.970	99.980	100.0	1
KU	C1S	2075091	02/2017	02/06/2017	99.960	100.010	100.0	1
KU	C1S	2075092	02/2017	02/06/2017	99.980	99.960	100.1	1
KU	C1S	2075093	02/2017	02/06/2017	99.990	99.990	100.0	1
KU	C1S	2075094	02/2017	02/06/2017	99.980	99.990	100.0	1
KU	C1S	2075095	02/2017	02/06/2017	100.010	99.980	100.1	1
KU	C1S	2075096	02/2017	02/06/2017	100.000	99.980	100.0	1
KU	C1S	2075097	02/2017	02/06/2017	99.960	100.020	100.0	1
KU	C1S	2075098	02/2017	02/06/2017	100.020	99.970	99.9	1
KU	C1S	2075099	02/2017	02/06/2017	99.970	99.980	100.0	1
KU	C1S	2075100	02/2017	02/06/2017	99.990	100.000	100.0	1
KU	C1S	2075101	02/2017	02/06/2017	99.990	100.010	100.0	1
KU	C1S	2075102	02/2017	02/06/2017	100.000	99.970	99.9	1
KU	C1S	2075103	02/2017	02/06/2017	100.000	99.990	100.0	1
KU	C1S	2075104	02/2017	02/06/2017	100.020	99.960	99.9	1
KU	C1S	2075105	02/2017	02/06/2017	100.000	99.990	100.0	1
KU	C1S	2075106	02/2017	02/06/2017	100.010	99.960	99.9	1
KU	C1S	2075107	02/2017	02/06/2017	100.000	99.970	100.0	1
KU	C1S	2075108	02/2017	02/06/2017	99.960	100.000	100.0	1
KU	C1S	2075109	02/2017	02/06/2017	99.960	99.990	100.0	1
KU	C1S	2075110	02/2017	02/06/2017	100.010	99.970	100.0	1
KU	C1S	2075111	02/2017	02/06/2017	100.000	100.010	100.0	1
KU	C1S	2075112	02/2017	02/06/2017	99.990	100.000	100.0	1
KU	C1S	2075113	02/2017	02/06/2017	99.960	99.930	99.9	1

KU	C1S	2075114	02/2017	02/06/2017	99.990	99.990	100.0	1
KU	C1S	2075115	02/2017	02/06/2017	100.000	99.980	100.0	1
KU	C1S	2075116	02/2017	02/06/2017	100.010	100.010	100.0	1
KU	C1S	2075117	02/2017	02/06/2017	100.010	99.970	100.0	1
KU	C1S	2075118	02/2017	02/06/2017	99.990	99.990	100.0	1
KU	C1S	2075119	02/2017	02/06/2017	100.000	100.010	100.0	1
KU	C1S	2075120	02/2017	02/06/2017	100.020	99.980	100.0	1
KU	C1S	2075121	02/2017	02/06/2017	100.000	99.990	100.0	1
KU	C1S	2075122	02/2017	02/06/2017	99.980	99.960	100.0	1
KU	C1S	2075123	02/2017	02/06/2017	100.010	99.980	100.0	1
KU	C1S	2075124	02/2017	02/06/2017	99.990	100.010	100.0	1
KU	C1S	2075125	02/2017	02/06/2017	99.990	99.990	100.0	1
KU	C1S	2075126	02/2017	02/06/2017	100.020	100.000	100.0	1
KU	C1S	2075127	02/2017	02/06/2017	100.020	100.020	100.0	1
KU	C1S	2075128	02/2017	02/06/2017	100.000	99.970	100.0	1
KU	C1S	2075129	02/2017	02/06/2017	99.980	99.990	100.0	1
KU	C1S	2075130	02/2017	02/06/2017	100.000	99.980	99.9	1
KU	C1S	2075131	02/2017	02/06/2017	100.020	99.970	100.0	1
KU	C1S	2075132	02/2017	02/06/2017	99.990	99.990	100.0	1
KU	C1S	2075133	02/2017	02/06/2017	99.980	99.950	100.0	1
KU	C1S	2075134	02/2017	02/06/2017	100.010	99.970	100.0	1
KU	C1S	2075135	02/2017	02/06/2017	100.030	100.010	100.0	1
KU	C1S	2075136	02/2017	02/06/2017	100.000	100.040	100.0	1
KU	C1S	2075137	02/2017	02/06/2017	100.020	99.980	100.0	1
KU	C1S	2075138	02/2017	02/06/2017	99.990	99.990	100.0	1
KU	C1S	2075139	02/2017	02/06/2017	99.990	100.030	100.0	1
KU	C1S	2075140	02/2017	02/06/2017	100.020	99.990	100.0	1
KU	C1S	2075141	02/2017	02/06/2017	99.980	100.020	100.0	1
KU	C1S	2075142	02/2017	02/06/2017	100.020	100.000	100.0	1
KU	C1S	2075143	02/2017	02/06/2017	100.000	100.020	100.0	1
KU	C1S	2075144	02/2017	02/06/2017	100.010	100.010	100.0	1
KU	C1S	2075145	02/2017	02/06/2017	99.980	99.960	99.9	1
KU	C1S	2075146	02/2017	02/06/2017	100.030	100.030	100.0	1
KU	C1S	2075147	02/2017	02/06/2017	100.010	99.980	100.0	1
KU	C1S	2075148	02/2017	02/06/2017	99.990	100.000	100.0	1
KU	C1S	2075149	02/2017	02/06/2017	100.010	100.010	100.0	1
KU	C1S	2075150	02/2017	02/06/2017	100.000	99.990	100.0	1
KU	C1S	2075151	02/2017	02/06/2017	100.010	100.000	100.0	1
KU	C1S	2075152	02/2017	02/06/2017	99.990	99.940	100.0	1
KU	C1S	2075153	02/2017	02/06/2017	99.980	99.980	100.0	1
KU	C1S	2075154	02/2017	02/06/2017	99.980	100.020	100.0	1
KU	C1S	2075155	02/2017	02/06/2017	99.970	99.980	100.0	1

KU	C1S	2075156	02/2017	02/06/2017	100.030	99.980	100.0	1
KU	C1S	2075157	02/2017	02/06/2017	99.980	99.970	99.9	1
KU	C1S	2075158	02/2017	02/06/2017	99.980	99.950	99.9	1
KU	C1S	2075159	02/2017	02/06/2017	100.010	99.970	99.9	1
KU	C1S	2075160	02/2017	02/06/2017	99.990	100.020	100.0	1
KU	C1S	2075161	02/2017	02/06/2017	99.980	99.960	99.9	1
KU	C1S	2075162	02/2017	02/06/2017	100.000	99.990	100.0	1
KU	C1S	2075163	02/2017	02/06/2017	100.000	100.000	100.0	1
KU	C1S	2075164	02/2017	02/06/2017	99.990	100.060	100.0	1
KU	C1S	2075165	02/2017	02/06/2017	100.010	100.000	99.9	1
KU	C1S	2075166	02/2017	02/06/2017	99.980	99.950	99.9	1
KU	C1S	2075167	02/2017	02/06/2017	100.020	100.040	100.0	1
KU	C1S	2075168	02/2017	02/06/2017	100.000	100.040	100.0	1
KU	C1S	2075169	02/2017	02/06/2017	99.980	100.010	100.0	1
KU	C1S	2075170	02/2017	02/06/2017	100.010	99.990	100.0	1
KU	C1S	2075171	02/2017	02/06/2017	100.000	99.980	100.0	1
KU	C1S	2075172	02/2017	02/06/2017	99.990	100.000	100.0	1
KU	C1S	2075173	02/2017	02/06/2017	100.020	99.960	99.9	1
KU	C1S	2075174	02/2017	02/06/2017	99.990	100.020	100.0	1
KU	C1S	2075175	02/2017	02/06/2017	99.980	100.000	100.0	1
KU	C1S	2075176	02/2017	02/06/2017	100.030	100.010	100.0	1
KU	C1S	2075177	02/2017	02/06/2017	99.980	100.040	100.0	1
KU	C1S	2075178	02/2017	02/06/2017	100.000	100.010	100.0	1
KU	C1S	2075179	02/2017	02/06/2017	99.980	100.040	100.1	1
KU	C1S	2075180	02/2017	02/06/2017	99.990	100.000	100.0	1
KU	C1S	2075181	02/2017	02/06/2017	99.990	99.980	100.0	1
KU	C1S	2075182	02/2017	02/06/2017	99.990	100.000	100.0	1
KU	C1S	2075183	02/2017	02/06/2017	99.950	100.010	100.0	1
KU	C1S	2075184	02/2017	02/06/2017	99.990	99.960	99.9	1
KU	C1S	2075185	02/2017	02/06/2017	100.010	100.040	100.0	1
KU	C1S	2075186	02/2017	02/06/2017	99.990	100.000	100.0	1
KU	C1S	2075187	02/2017	02/06/2017	99.990	99.990	100.0	1
KU	C1S	2075188	02/2017	02/06/2017	100.010	99.970	100.0	1
KU	C1S	2075189	02/2017	02/06/2017	100.010	99.980	100.0	1
KU	C1S	2075190	02/2017	02/06/2017	99.990	100.010	100.0	1
KU	C1S	2075191	02/2017	02/06/2017	100.030	99.940	99.9	1
KU	C1S	2075192	02/2017	02/06/2017	100.010	100.000	99.9	1
KU	C1S	2075193	02/2017	02/06/2017	100.000	100.010	100.0	1
KU	C1S	2075194	02/2017	02/06/2017	100.010	99.970	100.0	1
KU	C1S	2075195	02/2017	02/06/2017	99.990	99.990	100.0	1
KU	C1S	2075196	02/2017	02/06/2017	100.010	99.970	100.0	1
KU	C1S	2075197	02/2017	02/06/2017	100.000	99.960	99.9	1

KU	C1S	2075198	02/2017	02/06/2017	100.030	99.970	99.9	1
KU	C1S	2075199	02/2017	02/06/2017	100.020	100.010	100.0	1
KU	C1S	2075200	02/2017	02/06/2017	100.000	99.970	99.9	1
KU	C1S	2075201	02/2017	02/06/2017	100.010	99.980	100.0	1
KU	C1S	2075202	02/2017	02/06/2017	100.020	99.990	99.9	1
KU	C1S	2075203	02/2017	02/06/2017	100.010	100.000	100.0	1
KU	C1S	2075204	02/2017	02/06/2017	99.990	99.940	100.0	1
KU	C1S	2075205	02/2017	02/06/2017	99.990	99.980	100.0	1
KU	C1S	2075206	02/2017	02/06/2017	100.030	99.980	99.9	1
KU	C1S	2075207	02/2017	02/06/2017	100.010	100.000	100.0	1
KU	C1S	2075208	02/2017	02/06/2017	100.040	99.990	100.0	1
KU	C1S	2075209	02/2017	02/06/2017	99.980	99.970	100.0	1
KU	C1S	2075210	02/2017	02/06/2017	100.000	99.990	99.9	1
KU	C1S	2075211	02/2017	02/06/2017	100.010	100.070	100.0	1
KU	C1S	2075212	02/2017	02/06/2017	100.050	100.000	100.0	1
KU	C1S	2075213	02/2017	02/06/2017	100.040	100.010	100.0	1
KU	C1S	2075214	02/2017	02/06/2017	100.000	99.990	99.9	1
KU	C1S	2075215	02/2017	02/06/2017	100.000	100.040	100.0	1
KU	C1S	2075216	02/2017	02/06/2017	100.000	100.000	100.0	1
KU	C1S	2075217	02/2017	02/06/2017	100.000	99.970	99.9	1
KU	C1S	2075218	02/2017	02/06/2017	99.980	100.000	100.0	1
KU	C1S	2075219	02/2017	02/06/2017	100.060	100.030	100.0	1
KU	C1S	2075220	02/2017	02/06/2017	99.980	100.000	100.0	1
KU	C1S	2075221	02/2017	02/06/2017	100.010	99.990	100.0	1
KU	C1S	2075222	02/2017	02/06/2017	99.990	99.950	99.9	1
KU	C1S	2075223	02/2017	02/06/2017	99.990	99.980	100.0	1
KU	C1S	2075224	02/2017	02/06/2017	100.030	100.020	100.0	1
KU	C1S	2075225	02/2017	02/06/2017	100.020	100.030	100.0	1
KU	C1S	2075226	02/2017	02/06/2017	99.970	99.980	100.0	1
KU	C1S	2075227	02/2017	02/06/2017	99.980	99.950	99.9	1
KU	C1S	2075228	02/2017	02/06/2017	100.000	100.010	100.0	1
KU	C1S	2075229	02/2017	02/06/2017	100.020	100.000	100.0	1
KU	C1S	2075230	02/2017	02/06/2017	100.010	99.960	100.0	1
KU	C1S	2075231	02/2017	02/06/2017	99.950	99.980	100.0	1
KU	C1S	2075232	02/2017	02/06/2017	100.010	100.020	100.0	1
KU	C1S	2075233	02/2017	02/06/2017	99.980	99.980	99.9	1
KU	C1S	2075234	02/2017	02/06/2017	99.970	100.060	100.0	1
KU	C1S	2075235	02/2017	02/06/2017	99.990	99.980	100.0	1
KU	C1S	2075236	02/2017	02/06/2017	99.990	99.970	100.0	1
KU	C1S	2075237	02/2017	02/06/2017	99.990	100.030	100.0	1
KU	C1S	2075238	02/2017	02/06/2017	100.020	100.000	100.0	1
KU	C1S	2075239	02/2017	02/06/2017	100.010	100.000	100.0	1

KU	C1S	2075240	02/2017	02/06/2017	100.010	99.980	100.0	1
KU	C1S	2075241	02/2017	02/06/2017	99.970	99.990	100.0	1
KU	C1S	2075242	02/2017	02/06/2017	100.010	100.010	100.0	1
KU	C1S	2075243	02/2017	02/06/2017	100.010	100.000	100.0	1
KU	C1S	2075244	02/2017	02/06/2017	100.000	99.960	100.0	1
KU	C1S	2075245	02/2017	02/06/2017	100.000	99.990	100.0	1
KU	C1S	2075246	02/2017	02/06/2017	99.980	100.020	100.0	1
KU	C1S	2075247	02/2017	02/06/2017	99.990	100.010	100.0	1
KU	C1S	2075248	02/2017	02/06/2017	99.980	100.000	100.0	1
KU	C1S	2075249	02/2017	02/06/2017	100.010	100.000	100.0	1
KU	C1S	2075250	02/2017	02/06/2017	100.000	99.970	100.0	1
KU	C1S	2075251	02/2017	02/06/2017	99.960	100.000	100.0	1
KU	C1S	2075252	02/2017	02/06/2017	100.020	99.950	100.0	1
KU	C1S	2075253	02/2017	02/06/2017	99.970	99.960	100.0	1
KU	C1S	2075254	02/2017	02/06/2017	99.970	100.010	100.0	1
KU	C1S	2075255	02/2017	02/06/2017	100.020	100.030	100.0	1
KU	C1S	2075256	02/2017	02/06/2017	99.970	99.970	100.0	1
KU	C1S	2075257	02/2017	02/06/2017	100.030	100.000	100.0	1
KU	C1S	2075258	02/2017	02/06/2017	99.960	100.050	100.1	1
KU	C1S	2075259	02/2017	02/06/2017	100.020	100.010	100.0	1
KU	C1S	2075260	02/2017	02/06/2017	99.990	99.990	100.0	1
KU	C1S	2075261	02/2017	02/06/2017	100.010	100.050	100.0	1
KU	C1S	2075262	02/2017	02/06/2017	100.000	99.930	99.9	1
KU	C1S	2075263	02/2017	02/06/2017	99.990	100.040	100.0	1
KU	C1S	2075264	02/2017	02/06/2017	100.010	100.000	100.0	1
KU	C1S	2075265	02/2017	02/06/2017	99.990	99.940	100.0	1
KU	C1S	2075266	02/2017	02/06/2017	100.020	100.020	100.0	1
KU	C1S	2075267	02/2017	02/06/2017	100.000	100.040	100.0	1
KU	C1S	2075268	02/2017	02/06/2017	99.990	100.030	100.0	1
KU	C1S	2075269	02/2017	02/06/2017	100.010	100.030	100.0	1
KU	C1S	2075270	02/2017	02/06/2017	100.010	100.030	100.0	1
KU	C1S	2075271	02/2017	02/06/2017	99.990	100.010	100.0	1
KU	C1S	2075272	02/2017	02/06/2017	100.000	99.970	100.0	1
KU	C1S	2075273	02/2017	02/06/2017	100.000	100.050	100.0	1
KU	C1S	2075274	02/2017	02/06/2017	99.980	100.000	100.0	1
KU	C1S	2075275	02/2017	02/06/2017	99.990	100.020	100.0	1
KU	C1S	2075276	02/2017	02/06/2017	100.010	100.010	100.0	1
KU	C1S	2075277	02/2017	02/06/2017	100.000	100.010	100.0	1
KU	C1S	2075278	02/2017	02/06/2017	100.000	99.970	100.0	1
KU	C1S	2075279	02/2017	02/06/2017	100.020	99.990	100.0	1
KU	C1S	2075280	02/2017	02/06/2017	100.010	100.030	100.0	1
KU	C1S	2075281	02/2017	02/06/2017	100.010	100.010	100.0	1

KU	C1S	2075282	02/2017	02/06/2017	99.980	100.000	100.0	1
KU	C1S	2075283	02/2017	02/06/2017	100.020	100.020	100.0	1
KU	C1S	2075284	02/2017	02/06/2017	99.990	100.050	100.0	1
KU	C1S	2075285	02/2017	02/06/2017	100.010	100.000	100.0	1
KU	C1S	2075286	02/2017	02/06/2017	100.010	100.020	100.0	1
KU	C1S	2075287	02/2017	02/06/2017	99.980	99.980	100.0	1
KU	C1S	2075288	02/2017	02/06/2017	99.990	100.000	100.0	1
KU	C1S	2075289	02/2017	02/06/2017	99.960	100.030	100.0	1
KU	C1S	2075290	02/2017	02/06/2017	99.990	100.000	100.0	1
KU	C1S	2075291	02/2017	02/06/2017	99.980	99.980	100.0	1
KU	C1S	2075292	02/2017	02/06/2017	99.990	100.010	100.0	1
KU	C1S	2075293	02/2017	02/06/2017	100.040	99.990	100.0	1
KU	C1S	2075294	02/2017	02/06/2017	100.010	99.990	100.0	1
KU	C1S	2075295	02/2017	02/06/2017	99.990	100.020	100.0	1
KU	C1S	2075296	02/2017	02/06/2017	100.010	99.990	99.9	1
KU	C1S	2075297	02/2017	02/06/2017	100.010	100.030	100.1	1
KU	C1S	2075298	02/2017	02/06/2017	100.020	100.000	100.0	1
KU	C1S	2075299	02/2017	02/06/2017	100.030	100.030	100.0	1
KU	C1S	2075300	02/2017	02/06/2017	99.980	100.020	100.0	1
KU	C1S	2075301	02/2017	02/06/2017	100.010	99.990	100.0	1
KU	C1S	2075302	02/2017	02/06/2017	100.010	99.980	100.0	1
KU	C1S	2075303	02/2017	02/06/2017	99.960	100.020	100.0	1
KU	C1S	2075304	02/2017	02/06/2017	99.990	100.020	100.0	1
KU	C1S	2075305	02/2017	02/06/2017	100.020	100.020	100.0	1
KU	C1S	2075306	02/2017	02/06/2017	99.970	100.000	100.0	1
KU	C1S	2075307	02/2017	02/06/2017	100.020	100.000	100.0	1
KU	C1S	2075308	02/2017	02/06/2017	99.950	99.990	100.0	1
KU	C1S	2075309	02/2017	02/06/2017	100.010	100.030	100.0	1
KU	C1S	2075310	02/2017	02/06/2017	99.970	100.040	100.0	1
KU	C1S	2075311	02/2017	02/06/2017	100.020	100.030	100.1	1
KU	C1S	2075312	02/2017	02/06/2017	99.990	100.030	100.1	1
KU	C1S	2075313	02/2017	02/06/2017	100.020	100.030	100.0	1
KU	C1S	2075314	02/2017	02/06/2017	100.020	100.000	100.0	1
KU	C1S	2075315	02/2017	02/06/2017	100.010	100.040	100.0	1
KU	C1S	2075316	02/2017	02/06/2017	100.040	99.960	100.0	1
KU	C1S	2075317	02/2017	02/06/2017	100.020	100.020	100.0	1
KU	C1S	2075318	02/2017	02/06/2017	100.010	100.010	100.0	1
KU	C1S	2075319	02/2017	02/06/2017	100.040	100.000	100.0	1
KU	C1S	2075320	02/2017	02/06/2017	99.990	100.020	100.0	1
KU	C1S	2075321	02/2017	02/06/2017	99.960	100.020	100.0	1
KU	C1S	2075322	02/2017	02/06/2017	99.960	100.060	100.2	1
KU	C1S	2075323	02/2017	02/06/2017	100.030	100.040	100.0	1

KU	C1S	2075324	02/2017	02/06/2017	100.020	100.040	100.0	1
KU	C1S	2075325	02/2017	02/06/2017	100.020	99.990	100.0	1
KU	C1S	2075326	02/2017	02/06/2017	99.970	99.990	100.0	1
KU	C1S	2075327	02/2017	02/06/2017	99.980	100.010	100.0	1
KU	C1S	2075328	02/2017	02/06/2017	99.990	100.000	100.0	1
KU	C1S	2075329	02/2017	02/06/2017	100.000	100.000	100.0	1
KU	C1S	2075330	02/2017	02/06/2017	99.990	100.020	100.1	1
KU	C1S	2075331	02/2017	02/06/2017	100.030	100.010	100.0	1
KU	C1S	2075332	02/2017	02/06/2017	100.010	100.000	100.0	1
KU	C1S	2075333	02/2017	02/06/2017	100.000	100.020	100.0	1
KU	C1S	2075334	02/2017	02/06/2017	100.000	100.020	100.1	1
KU	C1S	2075335	02/2017	02/06/2017	100.010	100.040	100.0	1
KU	C1S	2075336	02/2017	02/06/2017	99.970	100.050	100.0	1
KU	C1S	2075337	02/2017	02/06/2017	100.000	100.030	100.0	1
KU	C1S	2075338	02/2017	02/06/2017	99.990	100.050	100.0	1
KU	C1S	2075339	02/2017	02/06/2017	99.980	99.980	100.0	1
KU	C1S	2075340	02/2017	02/06/2017	100.010	100.010	100.0	1
KU	C1S	2075341	02/2017	02/06/2017	100.000	100.010	100.0	1
KU	C1S	2075342	02/2017	02/06/2017	100.020	100.000	100.0	1
KU	C1S	2075343	02/2017	02/06/2017	100.020	99.980	100.0	1
KU	C1S	2075344	02/2017	02/06/2017	99.990	99.980	100.0	1
KU	C1S	2075345	02/2017	02/06/2017	99.990	100.020	100.0	1
KU	C1S	2075346	02/2017	02/06/2017	99.950	100.020	100.0	1
KU	C1S	2075347	02/2017	02/06/2017	100.000	100.020	100.1	1
KU	C1S	2075348	02/2017	02/06/2017	100.010	99.960	100.0	1
KU	C1S	2075349	02/2017	02/06/2017	99.980	100.070	100.0	1
KU	C1S	2075350	02/2017	02/06/2017	99.980	100.040	100.1	1
KU	C1S	2075351	02/2017	02/06/2017	100.020	100.000	100.0	1
KU	C1S	2075352	02/2017	02/06/2017	99.990	100.000	100.0	1
KU	C1S	2075353	02/2017	02/06/2017	100.040	99.990	100.0	1
KU	C1S	2075354	02/2017	02/06/2017	99.960	100.050	100.1	1
KU	C1S	2075355	02/2017	02/06/2017	100.010	99.970	99.9	1
KU	C1S	2075356	02/2017	02/06/2017	100.010	100.000	100.0	1
KU	C1S	2075357	02/2017	02/06/2017	99.970	99.990	100.0	1
KU	C1S	2075358	02/2017	02/06/2017	99.980	99.980	100.0	1
KU	C1S	2075359	02/2017	02/06/2017	100.050	99.960	100.0	1
KU	C1S	2075360	02/2017	02/06/2017	99.970	100.030	100.0	1
KU	C1S	2075361	02/2017	02/06/2017	99.980	100.020	100.0	1
KU	C1S	2075362	02/2017	02/06/2017	99.960	100.020	100.0	1
KU	C1S	2075363	02/2017	02/06/2017	100.010	100.030	100.0	1
KU	C1S	2075364	02/2017	02/06/2017	99.980	100.020	100.0	1
KU	C1S	2075365	02/2017	02/06/2017	100.010	100.050	100.1	1

KU	C1S	2075366	02/2017	02/06/2017	100.000	100.010	100.0	1
KU	C1S	2075367	02/2017	02/06/2017	100.000	100.050	100.0	1
KU	C1S	2075368	02/2017	02/06/2017	100.010	100.010	100.0	1
KU	C1S	2075369	02/2017	02/06/2017	100.010	100.010	100.0	1
KU	C1S	2075370	02/2017	02/06/2017	100.010	100.010	100.0	1
KU	C1S	2075371	02/2017	02/06/2017	100.020	99.960	100.0	1
KU	C1S	2075372	02/2017	02/06/2017	100.000	100.000	100.0	1
KU	C1S	2075373	02/2017	02/06/2017	100.000	100.040	100.0	1
KU	C1S	2075374	02/2017	02/06/2017	100.020	99.980	100.0	1
KU	C1S	2075375	02/2017	02/06/2017	100.010	100.020	100.0	1
KU	C1S	2075376	02/2017	02/06/2017	100.010	100.020	100.0	1
KU	C1S	2075377	02/2017	02/06/2017	99.980	100.020	100.0	1
KU	C1S	2075378	02/2017	02/06/2017	99.980	100.050	100.0	1
KU	C1S	2075379	02/2017	02/06/2017	100.020	100.010	100.0	1
KU	C1S	2075380	02/2017	02/06/2017	100.010	100.070	100.0	1
KU	C1S	2075381	02/2017	02/06/2017	99.950	100.030	100.0	1
KU	C1S	2075382	02/2017	02/06/2017	100.020	100.040	100.0	1
KU	C1S	2075383	02/2017	02/06/2017	100.020	100.010	100.0	1
KU	C1S	2075384	02/2017	02/06/2017	99.980	100.010	100.1	1
KU	C1S	2075385	02/2017	02/06/2017	100.030	100.010	100.0	1
KU	C1S	2075386	02/2017	02/06/2017	100.000	100.000	100.1	1
KU	C1S	2075387	02/2017	02/06/2017	100.020	100.060	100.0	1
KU	C1S	2075388	02/2017	02/06/2017	99.980	100.060	100.0	1
KU	C1S	2075389	02/2017	02/06/2017	100.020	100.000	100.0	1
KU	C1S	2075390	02/2017	02/06/2017	99.980	100.030	100.2	1
KU	C1S	2075391	02/2017	02/06/2017	99.980	100.030	100.0	1
KU	C1S	2075392	02/2017	02/06/2017	100.000	100.050	100.0	1
KU	C1S	2075393	02/2017	02/06/2017	100.010	100.050	100.0	1
KU	C1S	2075394	02/2017	02/06/2017	100.030	99.910	99.9	1
KU	C1S	2075395	02/2017	02/06/2017	100.010	100.000	99.9	1
KU	C1S	2075396	02/2017	02/06/2017	99.980	100.050	100.1	1
KU	C1S	2075397	02/2017	02/06/2017	100.030	100.060	100.1	1
KU	C1S	2075398	02/2017	02/06/2017	100.010	100.030	100.0	1
KU	C1S	2075399	02/2017	02/06/2017	100.000	100.030	100.0	1
KU	C1S	2075400	02/2017	02/06/2017	100.010	99.980	100.0	1
KU	C1S	2075401	02/2017	02/06/2017	99.980	100.010	100.1	1
KU	C1S	2075402	02/2017	02/06/2017	100.010	99.950	100.0	1
KU	C1S	2075403	02/2017	02/06/2017	99.960	100.000	100.1	1
KU	C1S	2075404	02/2017	02/06/2017	99.990	99.990	100.0	1
KU	C1S	2075405	02/2017	02/06/2017	99.970	100.010	100.1	1
KU	C1S	2075406	02/2017	02/06/2017	99.990	100.010	100.0	1
KU	C1S	2075407	02/2017	02/06/2017	99.980	100.030	100.1	1



KU	C1S	2075408	02/2017	02/06/2017	100.010	100.020	100.0	1
KU	C1S	2075409	02/2017	02/06/2017	99.980	100.040	100.3	1
KU	C1S	2075410	02/2017	02/06/2017	99.990	99.960	99.9	1
KU	C1S	2075411	02/2017	02/06/2017	100.010	100.050	100.0	1
KU	C1S	2075412	02/2017	02/06/2017	100.010	100.030	100.0	1
KU	C1S	2075413	02/2017	02/06/2017	100.020	99.990	100.0	1
KU	C1S	2075414	02/2017	02/06/2017	100.020	100.030	100.0	1
KU	C1S	2075415	02/2017	02/06/2017	100.010	100.020	100.0	1
KU	C1S	2075416	02/2017	02/06/2017	100.010	100.030	100.1	1
KU	C1S	2075417	02/2017	02/06/2017	100.020	100.020	100.1	1
KU	C1S	2075418	02/2017	02/06/2017	100.020	100.000	100.0	1
KU	C1S	2075419	02/2017	02/06/2017	99.960	100.030	100.0	1
KU	C1S	2075420	02/2017	02/06/2017	100.020	99.980	100.0	1
KU	C1S	2075421	02/2017	02/06/2017	100.000	100.030	100.0	1
KU	C1S	2075422	02/2017	02/06/2017	100.010	100.020	100.0	1
KU	C1S	2075423	02/2017	02/06/2017	100.050	100.020	100.0	1
KU	C1S	2075424	02/2017	02/06/2017	100.010	99.990	100.0	1
KU	C1S	2075425	02/2017	02/06/2017	100.010	100.010	100.0	1
KU	C1S	2075426	02/2017	02/06/2017	100.010	99.960	100.0	1
KU	C1S	2075427	02/2017	02/06/2017	100.000	99.960	100.1	1
KU	C1S	2075428	02/2017	02/06/2017	99.990	100.020	100.0	1
KU	C1S	2075429	02/2017	02/06/2017	100.000	99.970	100.0	1
KU	C1S	2075430	02/2017	02/06/2017	99.980	100.000	100.0	1
KU	C1S	2075431	02/2017	02/06/2017	100.010	100.030	100.0	1
KU	C1S	2075432	02/2017	02/06/2017	99.990	100.020	100.0	1
KU	C1S	2075433	02/2017	02/06/2017	99.990	99.990	100.1	1
KU	C1S	2075434	02/2017	02/06/2017	100.000	100.010	100.0	1
KU	C1S	2075435	02/2017	02/06/2017	99.980	100.020	99.9	1
KU	C1S	2075436	02/2017	02/06/2017	100.040	100.050	100.1	1
KU	C1S	2075437	02/2017	02/06/2017	100.010	99.950	99.9	1
KU	C1S	2075438	02/2017	02/06/2017	99.990	100.010	100.0	1
KU	C1S	2075439	02/2017	02/06/2017	100.000	99.940	100.0	1
KU	C1S	2075440	02/2017	02/06/2017	99.980	100.030	100.0	1
KU	C1S	2075441	02/2017	02/06/2017	100.000	100.040	100.1	1
KU	C1S	2075442	02/2017	02/06/2017	100.000	99.970	99.9	1
KU	C1S	2075443	02/2017	02/06/2017	99.990	100.070	100.1	1
KU	C1S	2075444	02/2017	02/06/2017	99.980	99.940	100.0	1
KU	C1S	2075445	02/2017	02/06/2017	100.020	100.010	100.0	1
KU	C1S	2075446	02/2017	02/06/2017	100.000	100.040	100.0	1
KU	C1S	2075447	02/2017	02/06/2017	99.980	99.940	100.0	1
KU	C1S	2075448	02/2017	02/06/2017	99.960	100.040	100.0	1
KU	C1S	2075449	02/2017	02/06/2017	100.010	99.960	99.9	1

KU	C1S	2075450	02/2017	02/06/2017	99.990	99.950	100.0	1
KU	C1S	2075451	02/2017	02/06/2017	99.980	100.020	100.0	1
KU	C1S	2075452	02/2017	02/06/2017	100.020	99.990	100.0	1
KU	C1S	2075453	02/2017	02/06/2017	100.000	99.970	100.0	1
KU	C1S	2075454	02/2017	02/06/2017	100.020	100.000	100.0	1
KU	C1S	2075455	02/2017	02/06/2017	100.010	100.030	100.0	1
KU	C1S	2075456	02/2017	02/06/2017	100.000	100.010	100.0	1
KU	C1S	2075457	02/2017	02/06/2017	100.020	99.970	100.0	1
KU	C1S	2075458	02/2017	02/06/2017	100.020	100.000	100.0	1
KU	C1S	2075459	02/2017	02/06/2017	99.990	100.030	100.0	1
KU	C1S	2075460	02/2017	02/06/2017	99.990	99.990	100.0	1
KU	C1S	2075461	02/2017	02/06/2017	99.980	100.020	100.0	1
KU	C1S	2075462	02/2017	02/06/2017	99.990	99.980	99.9	1
KU	C1S	2075463	02/2017	02/06/2017	100.020	100.040	100.0	1
KU	C1S	2075464	02/2017	02/06/2017	100.010	100.020	100.0	1
KU	C1S	2075465	02/2017	02/06/2017	99.990	99.960	100.0	1
KU	C1S	2075466	02/2017	02/06/2017	100.040	100.030	100.0	1
KU	C1S	2075467	02/2017	02/06/2017	99.980	100.020	100.0	1
KU	C1S	2075468	02/2017	02/06/2017	99.980	100.030	100.1	1
KU	C1S	2075469	02/2017	02/06/2017	100.000	99.980	100.0	1
KU	C1S	2075470	02/2017	02/06/2017	100.000	99.960	99.9	1
KU	C1S	2075471	02/2017	02/06/2017	99.980	100.060	100.0	1
KU	C1S	2075472	02/2017	02/06/2017	100.020	100.010	100.0	1
KU	C1S	2075473	02/2017	02/06/2017	100.010	100.050	100.0	1
KU	C1S	2075474	02/2017	02/06/2017	99.970	100.020	100.0	1
KU	C1S	2075475	02/2017	02/06/2017	100.040	99.980	100.0	1
KU	C1S	2075476	02/2017	02/06/2017	100.010	99.980	100.0	1
KU	C1S	2075477	02/2017	02/06/2017	99.990	100.050	100.0	1
KU	C1S	2075478	02/2017	02/06/2017	99.980	99.940	99.9	1
KU	C1S	2075479	02/2017	02/06/2017	100.000	99.970	100.0	1
KU	C1S	2075480	02/2017	02/06/2017	100.010	100.020	100.0	1
KU	C1S	2075481	02/2017	02/06/2017	99.980	100.010	100.0	1
KU	C1S	2075482	02/2017	02/06/2017	99.990	99.960	100.0	1
KU	C1S	2075483	02/2017	02/06/2017	99.980	99.990	100.0	1
KU	C1S	2075484	02/2017	02/06/2017	100.030	99.990	100.0	1
KU	C1S	2075485	02/2017	02/06/2017	99.990	100.020	100.0	1
KU	C1S	2075486	02/2017	02/06/2017	100.010	100.040	100.0	1
KU	C1S	2075487	02/2017	02/06/2017	100.010	100.000	100.0	1
KU	C1S	2075488	02/2017	02/06/2017	99.970	100.030	100.0	1
KU	C1S	2075489	02/2017	02/06/2017	99.980	99.980	100.0	1
KU	C1S	2075490	02/2017	02/06/2017	100.010	99.960	99.9	1
KU	C1S	2075491	02/2017	02/06/2017	99.980	99.960	99.9	1

KU	C1S	2075492	02/2017	02/06/2017	100.030	99.990	100.0	1
KU	C1S	2075493	02/2017	02/06/2017	100.010	100.020	100.0	1
KU	C1S	2075494	02/2017	02/06/2017	100.020	100.000	100.0	1
KU	C1S	2075495	02/2017	02/06/2017	99.990	99.970	100.0	1
KU	C1S	2075496	02/2017	02/06/2017	100.040	100.020	100.0	1
KU	C1S	2075497	02/2017	02/06/2017	99.990	100.070	100.0	1
KU	C1S	2075498	02/2017	02/06/2017	100.010	99.940	99.9	1
KU	C1S	2075499	02/2017	02/06/2017	99.980	99.970	100.0	1
KU	C1S	2075500	02/2017	02/06/2017	100.010	99.970	100.0	1
KU	C1S	2075501	02/2017	02/06/2017	100.010	100.010	100.0	1
KU	C1S	2075502	02/2017	02/06/2017	99.970	99.940	100.0	1
KU	C1S	2075503	02/2017	02/06/2017	99.990	99.970	99.9	1
KU	C1S	2075504	02/2017	02/06/2017	99.990	100.010	100.0	1
KU	C1S	2075505	02/2017	02/06/2017	100.010	99.970	100.0	1
KU	C1S	2075506	02/2017	02/06/2017	99.990	100.010	100.0	1
KU	C1S	2075507	02/2017	02/06/2017	99.980	100.000	100.0	1
KU	C1S	2075508	02/2017	02/06/2017	100.000	100.040	100.0	1
KU	C1S	2075509	02/2017	02/06/2017	100.010	99.980	100.0	1
KU	C1S	2075510	02/2017	02/06/2017	100.020	100.000	99.9	1
KU	C1S	2075511	02/2017	02/06/2017	100.020	99.970	100.0	1
KU	C1S	2075512	02/2017	02/06/2017	100.000	100.010	100.0	1
KU	C1S	2075513	02/2017	02/06/2017	100.000	99.990	100.0	1
KU	C1S	2075514	02/2017	02/06/2017	100.000	100.020	100.0	1
KU	C1S	2075515	02/2017	02/06/2017	100.000	99.930	99.9	1
KU	C1S	2075516	02/2017	02/06/2017	100.030	100.090	100.0	1
KU	C1S	2075517	02/2017	02/06/2017	100.030	100.030	100.0	1
KU	C1S	2075518	02/2017	02/06/2017	100.060	100.030	100.0	1
KU	C1S	2075519	02/2017	02/06/2017	99.970	99.990	100.0	1
KU	C1S	2075520	02/2017	02/06/2017	99.980	100.000	100.0	1
KU	C1S	2075521	02/2017	02/06/2017	100.000	99.930	99.9	1
KU	C1S	2075522	02/2017	02/06/2017	100.010	100.010	100.0	1
KU	C1S	2075523	02/2017	02/06/2017	100.000	100.000	100.0	1
KU	C1S	2075524	02/2017	02/06/2017	100.010	100.040	100.0	1
KU	C1S	2075525	02/2017	02/06/2017	99.990	99.980	100.0	1
KU	C1S	2075526	02/2017	02/06/2017	99.980	99.970	100.0	1
KU	C1S	2075527	02/2017	02/06/2017	99.990	99.990	100.0	1
KU	C1S	2075528	02/2017	02/06/2017	99.970	100.000	100.1	1
KU	C1S	2075529	02/2017	02/06/2017	100.030	99.960	100.0	1
KU	C1S	2075530	02/2017	02/06/2017	100.000	100.000	100.0	1
KU	C1S	2075531	02/2017	02/06/2017	100.000	99.970	100.0	1
KU	C1S	2075532	02/2017	02/06/2017	99.990	100.050	100.0	1
KU	C1S	2075533	02/2017	02/06/2017	99.980	99.970	100.0	1

KU	C1S	2075576	02/2017	02/06/2017	100.040	99.960	100.0	1
KU	C1S	2075577	02/2017	02/06/2017	99.990	100.000	100.0	1
KU	C1S	2075578	02/2017	02/06/2017	100.050	100.010	100.0	1
KU	C1S	2075579	02/2017	02/06/2017	99.990	99.970	100.0	1
KU	C1S	2075580	02/2017	02/06/2017	100.010	99.970	100.0	1
KU	C1S	2075581	02/2017	02/06/2017	100.000	99.980	100.0	1
KU	C1S	2075582	02/2017	02/06/2017	99.960	99.960	100.0	1
KU	C1S	2075583	02/2017	02/06/2017	99.990	99.950	100.0	1
KU	C1S	2075584	02/2017	02/06/2017	99.980	99.980	100.0	1
KU	C1S	2075585	02/2017	02/06/2017	99.990	99.980	100.0	1
KU	C1S	2075586	02/2017	02/06/2017	99.950	99.990	100.0	1
KU	C1S	2075587	02/2017	02/06/2017	99.970	100.000	99.9	1
KU	C1S	2075588	02/2017	02/06/2017	100.000	100.020	100.0	1
KU	C1S	2075589	02/2017	02/06/2017	100.000	99.940	100.0	1
KU	C1S	2075590	02/2017	02/06/2017	100.020	99.970	100.0	1
KU	C1S	2075591	02/2017	02/06/2017	99.980	99.950	99.9	1
KU	C1S	2075592	02/2017	02/06/2017	100.020	99.980	100.0	1
KU	C1S	2075593	02/2017	02/06/2017	100.010	100.000	100.0	1
KU	C1S	2075594	02/2017	02/06/2017	99.960	100.010	100.0	1
KU	C1S	2075595	02/2017	02/06/2017	100.000	99.950	99.9	1
KU	C1S	2075596	02/2017	02/06/2017	100.020	100.000	100.0	1
KU	C1S	2075597	02/2017	02/06/2017	100.030	99.990	100.0	1
KU	C1S	2075598	02/2017	02/06/2017	100.020	99.980	100.0	1
KU	C1S	2075599	02/2017	02/06/2017	100.010	99.970	100.0	1
KU	C1S	2075600	02/2017	02/06/2017	99.990	99.970	100.0	1
KU	C1S	2075601	02/2017	02/06/2017	100.020	99.990	100.0	1
KU	C1S	2075602	02/2017	02/06/2017	99.960	100.000	100.0	1
KU	C1S	2075603	02/2017	02/06/2017	99.980	100.000	100.0	1
KU	C1S	2075604	02/2017	02/06/2017	99.970	99.940	100.0	1
KU	C1S	2075605	02/2017	02/06/2017	100.010	99.930	100.0	1
KU	C1S	2075606	02/2017	02/06/2017	100.020	99.980	100.0	1
KU	C1S	2075607	02/2017	02/06/2017	100.010	99.970	100.0	1
KU	C1S	2075608	02/2017	02/06/2017	99.980	99.990	100.0	1
KU	C1S	2075609	02/2017	02/06/2017	100.020	100.000	100.0	1
KU	C1S	2075610	02/2017	02/06/2017	99.990	99.980	100.0	1
KU	C1S	2075611	02/2017	02/06/2017	99.990	99.930	99.9	1
KU	C1S	2075612	02/2017	02/06/2017	100.000	100.010	100.0	1
KU	C1S	2075613	02/2017	02/06/2017	100.010	100.040	100.0	1
KU	C1S	2075614	02/2017	02/06/2017	99.990	99.960	100.0	1
KU	C1S	2075615	02/2017	02/06/2017	99.990	99.960	100.0	1
KU	C1S	2075616	02/2017	02/06/2017	99.970	99.960	100.0	1
KU	C1S	2075617	02/2017	02/06/2017	100.000	99.980	100.0	1

KU	C1S	2075618	02/2017	02/06/2017	99.980	99.970	100.0	1
KU	C1S	2075619	02/2017	02/06/2017	99.990	99.970	100.0	1
KU	C1S	2075620	02/2017	02/06/2017	100.010	100.000	100.0	1
KU	C1S	2075621	02/2017	02/06/2017	100.000	99.970	100.0	1
KU	C1S	2075622	02/2017	02/06/2017	100.010	99.980	99.9	1
KU	C1S	2075623	02/2017	02/06/2017	100.000	99.970	100.0	1
KU	C1S	2075624	02/2017	02/06/2017	100.010	99.970	99.9	1
KU	C1S	2075625	02/2017	02/06/2017	100.000	100.000	100.0	1
KU	C1S	2075626	02/2017	02/06/2017	99.990	99.950	100.0	1
KU	C1S	2075627	02/2017	02/06/2017	99.990	99.990	100.0	1
KU	C1S	2075628	02/2017	02/06/2017	99.980	99.970	99.9	1
KU	C1S	2075629	02/2017	02/06/2017	100.010	99.970	99.9	1
KU	C1S	2075630	02/2017	02/06/2017	100.000	99.980	99.9	1
KU	C1S	2075631	02/2017	02/06/2017	99.990	99.970	100.0	1
KU	C1S	2075632	02/2017	02/06/2017	100.010	99.970	99.9	1
KU	C1S	2075633	02/2017	02/06/2017	99.990	99.960	99.9	1
KU	C1S	2075634	02/2017	02/06/2017	99.990	99.980	100.0	1
KU	C1S	2075635	02/2017	02/06/2017	100.000	99.990	100.0	1
KU	C1S	2075636	02/2017	02/06/2017	100.030	99.940	100.0	1
KU	C1S	2075637	02/2017	02/06/2017	100.030	99.970	100.0	1
KU	C1S	2075638	02/2017	02/06/2017	99.950	99.960	100.0	1
KU	C1S	2075639	02/2017	02/06/2017	100.030	99.970	99.9	1
KU	C1S	2075640	02/2017	02/06/2017	99.990	99.960	100.0	1
KU	C1S	2075641	02/2017	02/06/2017	99.990	99.980	100.0	1
KU	C1S	2075642	02/2017	02/06/2017	99.970	99.970	100.0	1
KU	C1S	2075643	02/2017	02/06/2017	99.980	100.000	100.0	1
KU	C1S	2075644	02/2017	02/06/2017	99.970	99.990	100.0	1
KU	C1S	2075645	02/2017	02/06/2017	100.010	100.010	100.0	1
KU	C1S	2075646	02/2017	02/06/2017	99.990	99.980	100.0	1
KU	C1S	2075647	02/2017	02/06/2017	99.970	100.010	100.0	1
KU	C1S	2075648	02/2017	02/06/2017	100.000	99.960	100.0	1
KU	C1S	2075649	02/2017	02/06/2017	100.030	99.950	99.9	1
KU	C1S	2075650	02/2017	02/06/2017	99.980	99.930	100.1	1
KU	C1S	2075651	02/2017	02/06/2017	100.010	100.010	100.0	1
KU	C1S	2075652	02/2017	02/06/2017	100.000	99.980	100.0	1
KU	C1S	2075653	02/2017	02/06/2017	100.010	100.010	100.0	1
KU	C1S	2075654	02/2017	02/06/2017	99.970	99.980	99.9	1
KU	C1S	2075655	02/2017	02/06/2017	99.980	100.000	100.0	1
KU	C1S	2075656	02/2017	02/06/2017	99.980	99.960	100.0	1
KU	C1S	2075657	02/2017	02/06/2017	99.990	99.990	100.0	1
KU	C1S	2075658	02/2017	02/06/2017	99.990	99.990	100.0	1
KU	C1S	2075659	02/2017	02/06/2017	100.010	99.980	100.0	1

KU	C1S	2075660	02/2017	02/06/2017	100.010	99.980	100.0	1
KU	C1S	2075661	02/2017	02/06/2017	100.020	99.960	100.0	1
KU	C1S	2075662	02/2017	02/06/2017	100.000	99.980	99.9	1
KU	C1S	2075663	02/2017	02/06/2017	100.030	99.970	100.0	1
KU	C1S	2075664	02/2017	02/06/2017	100.010	99.960	100.0	1
KU	C1S	2075665	02/2017	02/06/2017	99.990	99.990	100.0	1
KU	C1S	2075666	02/2017	02/06/2017	99.980	100.000	100.0	1
KU	C1S	2075667	02/2017	02/06/2017	99.960	99.980	100.0	1
KU	C1S	2075668	02/2017	02/06/2017	99.990	100.000	100.0	1
KU	C1S	2075669	02/2017	02/06/2017	100.000	99.990	100.0	1
KU	C1S	2075670	02/2017	02/06/2017	100.010	99.990	100.0	1
KU	C1S	2075671	02/2017	02/06/2017	99.990	100.000	100.0	1
KU	C1S	2075672	02/2017	02/06/2017	100.010	99.980	100.0	1
KU	C1S	2075673	02/2017	02/06/2017	100.000	99.960	99.9	1
KU	C1S	2075674	02/2017	02/06/2017	99.990	100.010	100.0	1
KU	C1S	2075675	02/2017	02/06/2017	100.020	99.960	100.0	1
KU	C1S	2075676	02/2017	02/06/2017	99.980	99.950	100.0	1
KU	C1S	2075677	02/2017	02/06/2017	100.000	100.000	99.9	1
KU	C1S	2075678	02/2017	02/06/2017	100.000	100.000	100.0	1
KU	C1S	2075679	02/2017	02/06/2017	100.030	99.990	100.0	1
KU	C1S	2075680	02/2017	02/06/2017	100.030	99.970	100.0	1
KU	C1S	2075681	02/2017	02/06/2017	100.030	99.960	100.0	1
KU	C1S	2075682	02/2017	02/06/2017	99.980	100.000	100.0	1
KU	C1S	2075683	02/2017	02/06/2017	100.000	100.010	100.0	1
KU	C1S	2075684	02/2017	02/06/2017	100.040	99.960	100.0	1
KU	C1S	2075685	02/2017	02/06/2017	99.970	99.990	100.0	1
KU	C1S	2075686	02/2017	02/06/2017	99.980	99.970	99.9	1
KU	C1S	2075687	02/2017	02/06/2017	100.010	99.970	100.1	1
KU	C1S	2075688	02/2017	02/06/2017	100.020	99.970	99.9	1
KU	C1S	2075689	02/2017	02/06/2017	100.010	99.990	100.0	1
KU	C1S	2075690	02/2017	02/06/2017	100.010	99.950	100.0	1
KU	C1S	2075691	02/2017	02/06/2017	100.020	99.950	100.0	1
KU	C1S	2075692	02/2017	02/06/2017	99.970	99.980	100.0	1
KU	C1S	2075693	02/2017	02/06/2017	100.010	99.960	99.9	1
KU	C1S	2075694	02/2017	02/06/2017	100.020	99.980	99.9	1
KU	C1S	2075695	02/2017	02/06/2017	99.990	99.950	100.0	1
KU	C1S	2075696	02/2017	02/06/2017	99.990	99.950	99.9	1
KU	C1S	2075697	02/2017	02/06/2017	99.950	99.970	100.0	1
KU	C1S	2075698	02/2017	02/06/2017	99.990	99.980	100.0	1
KU	C1S	2075699	02/2017	02/06/2017	99.990	100.000	99.9	1
KU	C1S	2075700	02/2017	02/06/2017	100.000	99.970	100.0	1
KU	C1S	2075701	02/2017	02/06/2017	100.040	100.000	100.0	1

KU	C1S	2075702	02/2017	02/06/2017	99.950	100.000	100.0	1
KU	C1S	2075703	02/2017	02/06/2017	99.960	99.980	100.0	1
KU	C1S	2075704	02/2017	02/06/2017	100.000	99.940	99.9	1
KU	C1S	2075705	02/2017	02/06/2017	100.020	99.980	99.9	1
KU	C1S	2075706	02/2017	02/06/2017	100.000	99.970	100.0	1
KU	C1S	2075707	02/2017	02/06/2017	99.970	99.960	100.0	1
KU	C1S	2075708	02/2017	02/06/2017	100.010	99.960	100.0	1
KU	C1S	2075709	02/2017	02/06/2017	99.970	99.980	100.0	1
KU	C1S	2075710	02/2017	02/06/2017	99.980	99.980	100.0	1
KU	C1S	2075711	02/2017	02/06/2017	99.960	99.950	99.9	1
KU	C1S	2075712	02/2017	02/06/2017	99.970	100.000	100.0	1
KU	C1S	2075713	02/2017	02/06/2017	100.010	99.980	100.0	1
KU	C1S	2075714	02/2017	02/06/2017	100.030	99.970	100.0	1
KU	C1S	2075715	02/2017	02/06/2017	99.990	99.940	99.9	1
KU	C1S	2075716	02/2017	02/06/2017	100.010	100.000	100.0	1
KU	C1S	2075717	02/2017	02/06/2017	99.990	99.970	99.9	1
KU	C1S	2075718	02/2017	02/06/2017	100.010	99.940	100.0	1
KU	C1S	2075719	02/2017	02/06/2017	99.980	100.000	100.0	1
KU	C1S	2075720	02/2017	02/06/2017	100.000	100.010	100.0	1
KU	C1S	2075721	02/2017	02/06/2017	99.990	99.970	99.9	1
KU	C1S	2075722	02/2017	02/06/2017	100.000	99.990	100.0	1
KU	C1S	2075723	02/2017	02/06/2017	99.990	99.980	99.9	1
KU	C1S	2075724	02/2017	02/06/2017	100.010	100.010	100.0	1
KU	C1S	2075725	02/2017	02/06/2017	100.030	99.980	100.0	1
KU	C1S	2075726	02/2017	02/06/2017	100.000	99.970	100.0	1
KU	C1S	2075727	02/2017	02/06/2017	100.000	99.990	100.0	1
KU	C1S	2075728	02/2017	02/06/2017	99.990	99.940	100.0	1
KU	C1S	2075729	02/2017	02/06/2017	100.000	100.030	100.0	1
KU	C1S	2075730	02/2017	02/06/2017	100.020	99.990	100.0	1
KU	C1S	2075731	02/2017	02/06/2017	99.990	99.980	100.0	1
KU	C1S	2075732	02/2017	02/06/2017	100.010	99.940	100.0	1
KU	C1S	2075733	02/2017	02/06/2017	99.970	99.990	100.0	1
KU	C1S	2075734	02/2017	02/06/2017	100.000	100.040	100.0	1
KU	C1S	2075735	02/2017	02/06/2017	100.010	99.970	100.0	1
KU	C1S	2075736	02/2017	02/06/2017	100.010	100.010	100.0	1
KU	C1S	2075737	02/2017	02/06/2017	100.030	100.020	100.0	1
KU	C1S	2075738	02/2017	02/06/2017	99.990	100.010	100.0	1
KU	C1S	2075739	02/2017	02/06/2017	100.000	100.040	100.1	1
KU	C1S	2075740	02/2017	02/06/2017	100.000	100.050	100.0	1
KU	C1S	2075741	02/2017	02/06/2017	100.010	100.050	100.0	1
KU	C1S	2075742	02/2017	02/06/2017	100.030	99.990	100.0	1
KU	C1S	2075743	02/2017	02/06/2017	99.990	99.990	100.0	1

KU	C1S	2075744	02/2017	02/06/2017	99.940	99.970	100.0	1
KU	C1S	2075745	02/2017	02/06/2017	100.040	100.000	100.0	1
KU	C1S	2075746	02/2017	02/06/2017	100.000	99.990	100.0	1
KU	C1S	2075747	02/2017	02/06/2017	100.030	100.010	100.0	1
KU	C1S	2075748	02/2017	02/06/2017	100.030	99.910	100.1	1
KU	C1S	2075749	02/2017	02/06/2017	100.010	99.940	99.9	1
KU	C1S	2075750	02/2017	02/06/2017	100.010	99.960	100.0	1
KU	C1S	2075751	02/2017	02/06/2017	99.970	99.930	100.0	1
KU	C1S	2075752	02/2017	02/06/2017	99.980	100.010	100.0	1
KU	C1S	2075753	02/2017	02/06/2017	99.970	99.960	100.0	1
KU	C1S	2075754	02/2017	02/06/2017	99.980	99.970	100.0	1
KU	C1S	2075755	02/2017	02/06/2017	100.000	99.970	100.0	1
KU	C1S	2075756	02/2017	02/06/2017	99.970	99.950	100.0	1
KU	C1S	2075757	02/2017	02/06/2017	100.000	99.970	99.9	1
KU	C1S	2075758	02/2017	02/06/2017	100.020	100.010	99.9	1
KU	C1S	2075759	02/2017	02/06/2017	99.970	100.010	100.0	1
KU	C1S	2075760	02/2017	02/06/2017	99.990	100.040	100.0	1
KU	C1S	2075761	02/2017	02/06/2017	99.990	99.910	99.9	1
KU	C1S	2075762	02/2017	02/06/2017	100.000	100.020	100.0	1
KU	C1S	2075763	02/2017	02/06/2017	100.030	99.980	100.0	1
KU	C1S	2075764	02/2017	02/06/2017	100.010	99.990	99.9	1
KU	C1S	2075765	02/2017	02/06/2017	99.970	99.970	99.9	1
KU	C1S	2075766	02/2017	02/06/2017	100.000	99.960	99.9	1
KU	C1S	2075767	02/2017	02/06/2017	100.000	99.930	99.9	1
KU	C1S	2075768	02/2017	02/06/2017	99.950	99.980	100.0	1
KU	C1S	2075769	02/2017	02/06/2017	100.010	100.000	100.0	1
KU	C1S	2075770	02/2017	02/06/2017	100.010	99.980	99.9	1
KU	C1S	2075771	02/2017	02/06/2017	100.010	99.910	99.9	1
KU	C1S	2075772	02/2017	02/06/2017	99.980	99.970	99.9	1
KU	C1S	2075773	02/2017	02/06/2017	99.970	100.020	100.0	1
KU	C1S	2075774	02/2017	02/06/2017	100.020	99.980	100.0	1
KU	C1S	2075775	02/2017	02/06/2017	99.990	99.980	100.0	1
KU	C1S	2075776	02/2017	02/06/2017	99.990	100.040	100.0	1
KU	C1S	2075777	02/2017	02/06/2017	100.030	100.050	100.0	1
KU	C1S	2075778	02/2017	02/06/2017	99.980	100.010	100.0	1
KU	C1S	2075779	02/2017	02/06/2017	99.990	100.030	100.0	1
KU	C1S	2075780	02/2017	02/06/2017	100.020	99.990	99.9	1
KU	C1S	2075781	02/2017	02/06/2017	100.040	100.010	100.0	1
KU	C1S	2075782	02/2017	02/06/2017	100.000	99.930	100.0	1
KU	C1S	2075783	02/2017	02/06/2017	99.990	100.010	100.0	1
KU	C1S	2075784	02/2017	02/06/2017	99.990	100.040	100.0	1
KU	C1S	2075785	02/2017	02/06/2017	99.970	100.000	100.0	1



KU	C1S	2075786	02/2017	02/06/2017	100.030	100.020	100.0	1
KU	C1S	2075787	02/2017	02/06/2017	100.030	100.070	100.0	1
KU	C1S	2075788	02/2017	02/06/2017	100.000	100.040	100.0	1
KU	C1S	2075789	02/2017	02/06/2017	100.040	100.010	100.0	1
KU	C1S	2075790	02/2017	02/06/2017	100.000	100.000	100.0	1
KU	C1S	2075791	02/2017	02/06/2017	100.020	100.050	100.1	1
KU	C1S	2075792	02/2017	02/06/2017	100.010	100.040	100.0	1
KU	C1S	2075793	02/2017	02/06/2017	100.010	99.990	100.0	1
KU	C1S	2075794	02/2017	02/06/2017	100.020	99.980	100.1	1
KU	C1S	2075795	02/2017	02/06/2017	99.990	100.000	100.0	1
KU	C1S	2075796	02/2017	02/06/2017	99.950	99.990	100.0	1
KU	C1S	2075797	02/2017	02/06/2017	100.000	100.030	100.0	1
KU	C1S	2075798	02/2017	02/06/2017	100.010	100.010	100.0	1
KU	C1S	2075799	02/2017	02/06/2017	99.980	99.940	100.0	1
KU	C1S	2075800	02/2017	02/06/2017	100.000	99.980	100.1	1
KU	C1S	2075801	02/2017	02/06/2017	99.990	99.980	100.0	1
KU	C1S	2075802	02/2017	02/06/2017	100.030	100.040	100.0	1
KU	C1S	2075803	02/2017	02/06/2017	100.010	100.040	100.1	1
KU	C1S	2075804	02/2017	02/06/2017	100.000	100.010	100.1	1
KU	C1S	2075805	02/2017	02/06/2017	100.010	99.990	100.0	1
KU	C1S	2075806	02/2017	02/06/2017	100.010	99.980	100.1	1
KU	C1S	2075807	02/2017	02/06/2017	100.030	99.970	100.0	1
KU	C1S	2075808	02/2017	02/06/2017	99.970	100.040	100.0	1
KU	C1S	2075809	02/2017	02/06/2017	99.990	100.050	100.1	1
KU	C1S	2075810	02/2017	02/06/2017	99.980	99.990	100.0	1
KU	C1S	2075811	02/2017	02/06/2017	100.000	100.000	100.0	1
KU	C1S	2075812	02/2017	02/06/2017	100.000	100.000	99.9	1
KU	C1S	2075813	02/2017	02/06/2017	100.010	99.980	100.0	1
KU	C1S	2075814	02/2017	02/06/2017	100.000	99.950	100.0	1
KU	C1S	2075815	02/2017	02/06/2017	100.040	100.010	100.1	1
KU	C1S	2075816	02/2017	02/06/2017	100.000	100.010	100.0	1
KU	C1S	2075817	02/2017	02/06/2017	99.990	100.010	100.2	1
KU	C1S	2075818	02/2017	02/06/2017	100.030	99.990	100.0	1
KU	C1S	2075819	02/2017	02/06/2017	99.990	99.990	99.9	1
KU	C1S	2075820	02/2017	02/06/2017	100.020	99.950	100.0	1
KU	C1S	2075821	02/2017	02/06/2017	100.000	100.020	100.0	1
KU	C1S	2075822	02/2017	02/06/2017	99.980	99.980	100.0	1
KU	C1S	2075823	02/2017	02/06/2017	99.990	99.980	100.0	1
KU	C1S	2075824	02/2017	02/06/2017	100.000	100.010	100.0	1
KU	C1S	2075825	02/2017	02/06/2017	100.000	100.010	100.0	1
KU	C1S	2075826	02/2017	02/06/2017	100.020	100.010	100.0	1
KU	C1S	2075827	02/2017	02/06/2017	99.990	99.970	100.0	1

KU	C1S	2075828	02/2017	02/06/2017	100.000	99.980	100.0	1
KU	C1S	2075829	02/2017	02/06/2017	99.980	100.050	100.0	1
KU	C1S	2075830	02/2017	02/06/2017	99.960	100.000	100.0	1
KU	C1S	2075831	02/2017	02/06/2017	100.020	100.050	100.0	1
KU	C1S	2075832	02/2017	02/06/2017	99.970	99.910	99.9	1
KU	C1S	2075833	02/2017	02/06/2017	100.000	99.970	99.9	1
KU	C1S	2075834	02/2017	02/06/2017	99.990	99.990	100.0	1
KU	C1S	2075835	02/2017	02/06/2017	99.980	99.950	99.9	1
KU	C1S	2075836	02/2017	02/06/2017	100.000	99.990	100.0	1
KU	C1S	2075837	02/2017	02/06/2017	100.010	99.940	100.0	1
KU	C1S	2075838	02/2017	02/06/2017	99.960	99.940	99.9	1
KU	C1S	2075839	02/2017	02/06/2017	100.000	100.020	100.0	1
KU	C1S	2075840	02/2017	02/06/2017	100.010	99.980	100.0	1
KU	C1S	2075841	02/2017	02/06/2017	99.980	100.030	100.0	1
KU	C1S	2075842	02/2017	02/06/2017	99.970	100.000	100.0	1
KU	C1S	2075843	02/2017	02/06/2017	100.000	100.050	100.0	1
KU	C1S	2075844	02/2017	02/06/2017	99.990	99.970	100.0	1
KU	C1S	2075845	02/2017	02/06/2017	100.020	100.010	100.0	1
KU	C1S	2075846	02/2017	02/06/2017	100.050	99.990	100.0	1
KU	C1S	2075847	02/2017	02/06/2017	100.040	100.000	100.0	1
KU	C1S	2075848	02/2017	02/06/2017	100.010	99.950	99.9	1
KU	C1S	2075849	02/2017	02/06/2017	99.980	99.970	99.9	1
KU	C1S	2075850	02/2017	02/06/2017	100.020	99.990	100.0	1
KU	C1S	2075851	02/2017	02/06/2017	100.020	99.960	99.9	1
KU	C1S	2075852	02/2017	02/06/2017	100.010	100.000	100.1	1
KU	C1S	2075853	02/2017	02/06/2017	99.980	99.980	100.0	1
KU	C1S	2075854	02/2017	02/06/2017	99.990	99.970	100.0	1
KU	C1S	2075855	02/2017	02/06/2017	100.000	99.940	99.9	1
KU	C1S	2075856	02/2017	02/06/2017	99.980	99.960	100.0	1
KU	C1S	2075857	02/2017	02/06/2017	99.990	99.960	99.9	1
KU	C1S	2075858	02/2017	02/06/2017	100.020	100.010	100.0	1
KU	C1S	2075859	02/2017	02/06/2017	100.010	100.030	100.0	1
KU	C1S	2075860	02/2017	02/06/2017	100.020	99.910	99.9	1
KU	C1S	2075861	02/2017	02/06/2017	100.040	99.980	100.0	1
KU	C1S	2075862	02/2017	02/06/2017	100.010	99.910	100.0	1
KU	C1S	2075863	02/2017	02/06/2017	99.980	99.980	99.9	1
KU	C1S	2075864	02/2017	02/06/2017	99.970	99.990	100.0	1
KU	C1S	2075865	02/2017	02/06/2017	100.000	100.010	100.0	1
KU	C1S	2075866	02/2017	02/06/2017	99.990	99.990	100.0	1
KU	C1S	2075867	02/2017	02/06/2017	99.990	99.970	100.0	1
KU	C1S	2075868	02/2017	02/06/2017	100.000	100.000	100.0	1
KU	C1S	2075869	02/2017	02/06/2017	100.010	100.000	100.0	1

KU	C1S	2075870	02/2017	02/06/2017	100.000	99.920	100.0	1
KU	C1S	2075871	02/2017	02/06/2017	100.010	100.000	100.0	1
KU	C1S	2075872	02/2017	02/06/2017	99.990	99.900	100.1	1
KU	C1S	2075873	02/2017	02/06/2017	100.000	99.970	100.0	1
KU	C1S	2075874	02/2017	02/06/2017	100.000	100.020	100.0	1
KU	C1S	2075875	02/2017	02/06/2017	100.010	100.010	100.0	1
KU	C1S	2075876	02/2017	02/06/2017	100.010	99.980	100.0	1
KU	C1S	2075877	02/2017	02/06/2017	100.050	100.060	100.0	1
KU	C1S	2075878	02/2017	02/06/2017	100.020	100.010	100.0	1
KU	C1S	2075879	02/2017	02/06/2017	100.000	100.000	100.0	1
KU	C1S	2075880	02/2017	02/06/2017	100.000	99.980	100.0	1
KU	C1S	2075881	02/2017	02/06/2017	100.030	100.000	100.1	1
KU	C1S	2075882	02/2017	02/06/2017	100.060	99.940	100.0	1
KU	C1S	2075883	02/2017	02/06/2017	100.030	100.000	100.0	1
KU	C1S	2075884	02/2017	02/06/2017	100.020	99.990	100.0	1
KU	C1S	2075885	02/2017	02/06/2017	100.010	99.970	100.0	1
KU	C1S	2075886	02/2017	02/06/2017	100.020	99.970	100.1	1
KU	C1S	2075887	02/2017	02/06/2017	99.960	99.970	100.0	1
KU	C1S	2075888	02/2017	02/06/2017	99.980	99.960	100.0	1
KU	C1S	2075889	02/2017	02/06/2017	100.010	100.020	100.0	1
KU	C1S	2075890	02/2017	02/06/2017	99.990	99.990	100.0	1
KU	C1S	2075891	02/2017	02/06/2017	100.010	100.050	100.0	1
KU	C1S	2075892	02/2017	02/06/2017	100.020	99.960	100.0	1
KU	C1S	2075893	02/2017	02/06/2017	100.000	99.920	99.9	1
KU	C1S	2075894	02/2017	02/06/2017	100.030	99.960	99.9	1
KU	C1S	2075895	02/2017	02/06/2017	99.980	99.980	100.0	1
KU	C1S	2075896	02/2017	02/06/2017	99.990	99.980	100.0	1
KU	C1S	2075897	02/2017	02/06/2017	100.020	99.990	100.0	1
KU	C1S	2075898	02/2017	02/06/2017	99.990	100.010	100.0	1
KU	C1S	2075899	02/2017	02/06/2017	100.010	99.950	100.0	1
KU	C1S	2075900	02/2017	02/06/2017	100.020	99.990	100.1	1
KU	C1S	2075901	02/2017	02/06/2017	100.020	100.050	100.0	1
KU	C1S	2075902	02/2017	02/06/2017	100.020	100.070	100.0	1
KU	C1S	2075903	02/2017	02/06/2017	99.990	99.950	100.0	1
KU	C1S	2075904	02/2017	02/06/2017	99.970	99.990	100.0	1
KU	C1S	2075905	02/2017	02/06/2017	99.980	100.010	100.0	1
KU	C1S	2075906	02/2017	02/06/2017	100.000	99.950	100.0	1
KU	C1S	2075907	02/2017	02/06/2017	100.000	100.010	100.0	1
KU	C1S	2075908	02/2017	02/06/2017	100.030	99.990	100.0	1
KU	C1S	2075909	02/2017	02/06/2017	100.000	99.930	100.0	1
KU	C1S	2075910	02/2017	02/06/2017	99.990	99.990	100.0	1
KU	C1S	2075911	02/2017	02/06/2017	100.000	99.980	100.0	1

KU	C1S	2075912	02/2017	02/06/2017	100.030	100.030	100.0	1
KU	C1S	2075913	02/2017	02/06/2017	100.040	99.990	100.0	1
KU	C1S	2075914	02/2017	02/06/2017	100.000	100.010	100.0	1
KU	C1S	2075915	02/2017	02/06/2017	100.020	100.000	100.0	1
KU	C1S	2075916	02/2017	02/06/2017	100.010	100.020	100.0	1
KU	C1S	2075917	02/2017	02/06/2017	99.980	99.990	100.0	1
KU	C1S	2075918	02/2017	02/06/2017	99.980	99.980	100.0	1
KU	C1S	2075919	02/2017	02/06/2017	100.020	99.990	100.0	1
KU	C1S	2075920	02/2017	02/06/2017	100.020	100.000	100.0	1
KU	C1S	2075921	02/2017	02/06/2017	100.030	100.000	100.0	1
KU	C1S	2075922	02/2017	02/06/2017	100.030	99.920	100.0	1
KU	C1S	2075923	02/2017	02/06/2017	99.990	100.040	100.0	1
KU	C1S	2075924	02/2017	02/06/2017	99.990	100.020	100.0	1
KU	C1S	2075925	02/2017	02/06/2017	100.010	99.980	100.0	1
KU	C1S	2075926	02/2017	02/06/2017	100.020	99.990	100.0	1
KU	C1S	2075927	02/2017	02/06/2017	100.010	100.000	100.0	1
KU	C1S	2075928	02/2017	02/06/2017	99.980	100.000	100.0	1
KU	C1S	2075929	02/2017	02/06/2017	99.970	99.980	100.0	1
KU	C1S	2075930	02/2017	02/06/2017	99.990	100.010	100.0	1
KU	C1S	2075931	02/2017	02/06/2017	99.980	100.020	100.0	1
KU	C1S	2075932	02/2017	02/06/2017	99.980	99.980	100.0	1
KU	C1S	2075933	02/2017	02/06/2017	100.000	100.020	100.0	1
KU	C1S	2075934	02/2017	02/06/2017	100.020	99.990	100.0	1
KU	C1S	2075935	02/2017	02/06/2017	100.040	99.980	100.0	1
KU	C1S	2075936	02/2017	02/06/2017	100.000	99.980	100.0	1
KU	C1S	2075937	02/2017	02/06/2017	99.960	100.000	100.0	1
KU	C1S	2075938	02/2017	02/06/2017	100.000	100.010	100.0	1
KU	C1S	2075939	02/2017	02/06/2017	100.030	99.990	100.0	1
KU	C1S	2075940	02/2017	02/06/2017	99.960	100.010	100.0	1
KU	C1S	2075941	02/2017	02/06/2017	99.990	99.990	100.0	1
KU	C1S	2075942	02/2017	02/06/2017	100.010	100.030	100.0	1
KU	C1S	2075943	02/2017	02/06/2017	100.020	99.950	99.9	1
KU	C1S	2075944	02/2017	02/06/2017	99.990	99.980	100.0	1
KU	C1S	2075945	02/2017	02/06/2017	100.030	99.990	100.0	1
KU	C1S	2075946	02/2017	02/06/2017	100.000	100.010	100.1	1
KU	C1S	2075947	02/2017	02/06/2017	100.000	100.000	100.0	1
KU	C1S	2075948	02/2017	02/06/2017	100.000	99.940	99.9	1
KU	C1S	2075949	02/2017	02/06/2017	100.010	99.960	100.0	1
KU	C1S	2075950	02/2017	02/06/2017	99.980	99.990	100.0	1
KU	C1S	2075951	02/2017	02/06/2017	99.990	100.000	100.0	1
KU	C1S	2075952	02/2017	02/06/2017	99.970	100.020	100.1	1
KU	C1S	2075953	02/2017	02/06/2017	99.990	99.970	100.0	1

KU	C1S	2075954	02/2017	02/06/2017	100.010	99.980	100.0	1
KU	C1S	2075955	02/2017	02/06/2017	100.020	100.020	100.0	1
KU	C1S	2075956	02/2017	02/06/2017	99.990	100.020	100.0	1
KU	C1S	2075957	02/2017	02/06/2017	100.000	99.990	100.0	1
KU	C1S	2075958	02/2017	02/06/2017	100.000	100.020	100.0	1
KU	C1S	2075959	02/2017	02/06/2017	100.000	99.990	100.0	1
KU	C1S	2075960	02/2017	02/06/2017	99.980	99.980	100.0	1
KU	C1S	2075961	02/2017	02/06/2017	100.000	100.010	100.0	1
KU	C1S	2075962	02/2017	02/06/2017	99.990	100.030	100.0	1
KU	C1S	2075963	02/2017	02/06/2017	100.020	100.000	100.0	1
KU	C1S	2075964	02/2017	02/06/2017	99.990	100.000	100.0	1
KU	C1S	2075965	02/2017	02/06/2017	99.990	100.010	100.0	1
KU	C1S	2075966	02/2017	02/06/2017	99.990	100.000	100.0	1
KU	C1S	2075967	02/2017	02/06/2017	100.040	100.000	100.0	1
KU	C1S	2075968	02/2017	02/06/2017	99.970	99.980	99.9	1
KU	C1S	2075969	02/2017	02/06/2017	100.030	100.010	100.0	1
KU	C1S	2075970	02/2017	02/06/2017	100.020	100.000	100.0	1
KU	C1S	2075971	02/2017	02/06/2017	100.010	99.990	100.2	1
KU	C1S	2075972	02/2017	02/06/2017	99.970	99.990	100.1	1
KU	C1S	2075973	02/2017	02/06/2017	100.010	100.000	100.0	1
KU	C1S	2075974	02/2017	02/06/2017	100.030	100.030	100.0	1
KU	C1S	2075975	02/2017	02/06/2017	100.000	99.990	100.0	1
KU	C1S	2075976	02/2017	02/06/2017	100.000	100.010	100.0	1
KU	C1S	2075977	02/2017	02/06/2017	100.030	100.010	100.0	1
KU	C1S	2075978	02/2017	02/06/2017	100.020	100.030	100.0	1
KU	C1S	2075979	02/2017	02/06/2017	100.000	100.020	100.0	1
KU	C1S	2075980	02/2017	02/06/2017	100.000	100.010	100.0	1
KU	C1S	2075981	02/2017	02/06/2017	100.020	100.000	100.0	1
KU	C1S	2075982	02/2017	02/06/2017	100.010	100.020	100.0	1
KU	C1S	2075983	02/2017	02/06/2017	100.010	99.980	100.0	1
KU	C1S	2075984	02/2017	02/06/2017	99.980	100.030	100.0	1
KU	C1S	2075985	02/2017	02/06/2017	99.970	100.010	100.0	1
KU	C1S	2075986	02/2017	02/06/2017	99.990	100.000	100.0	1
KU	C1S	2075987	02/2017	02/06/2017	100.010	99.980	100.0	1
KU	C1S	2075988	02/2017	02/06/2017	100.010	100.010	100.0	1
KU	C1S	2075989	02/2017	02/06/2017	100.000	99.990	100.0	1
KU	C1S	2075990	02/2017	02/06/2017	99.970	99.990	100.0	1
KU	C1S	2075991	02/2017	02/06/2017	99.980	100.010	100.0	1
KU	C1S	2075992	02/2017	02/06/2017	100.000	100.000	100.1	1
KU	C1S	2075993	02/2017	02/06/2017	99.990	100.000	100.0	1
KU	C1S	2075994	02/2017	02/06/2017	100.010	99.980	100.0	1
KU	C1S	2075995	02/2017	02/06/2017	100.020	100.000	100.0	1

KU	C1S	2075996	02/2017	02/06/2017	99.970	100.000	100.0	1
KU	C1S	2075997	02/2017	02/06/2017	99.980	99.990	100.0	1
KU	C1S	2075998	02/2017	02/06/2017	99.970	100.000	100.0	1
KU	C1S	2075999	02/2017	02/06/2017	100.020	100.010	100.0	1
KU	C1S	2076000	02/2017	02/06/2017	99.990	99.990	100.0	1
KU	C1S	2076001	02/2017	02/06/2017	100.040	99.970	100.0	1
KU	C1S	2076002	02/2017	02/06/2017	99.970	100.000	100.0	1
KU	C1S	2076003	02/2017	02/06/2017	99.970	99.970	100.0	1
KU	C1S	2076004	02/2017	02/06/2017	100.030	100.000	100.0	1
KU	C1S	2076005	02/2017	02/06/2017	100.020	99.950	100.0	1
KU	C1S	2076006	02/2017	02/06/2017	99.990	99.980	99.9	1
KU	C1S	2076007	02/2017	02/06/2017	99.990	99.990	100.0	1
KU	C1S	2076008	02/2017	02/06/2017	100.030	99.980	100.0	1
KU	C1S	2076009	02/2017	02/06/2017	99.990	99.980	100.0	1
KU	C1S	2076010	02/2017	02/06/2017	100.000	100.020	100.0	1
KU	C1S	2076011	02/2017	02/06/2017	99.990	100.010	100.0	1
KU	C1S	2076012	02/2017	02/06/2017	100.010	100.010	100.0	1
KU	C1S	2076013	02/2017	02/06/2017	99.990	99.970	100.0	1
KU	C1S	2076014	02/2017	02/06/2017	100.000	100.000	100.0	1
KU	C1S	2076015	02/2017	02/06/2017	99.990	99.980	99.9	1
KU	C1S	2076016	02/2017	02/06/2017	100.050	100.000	100.0	1
KU	C1S	2076017	02/2017	02/06/2017	100.000	99.950	100.0	1
KU	C1S	2076018	02/2017	02/06/2017	100.000	100.020	100.1	1
KU	C1S	2076019	02/2017	02/06/2017	100.000	100.020	100.0	1
KU	C1S	2076020	02/2017	02/06/2017	99.990	100.000	100.0	1
KU	C1S	2076021	02/2017	02/06/2017	100.000	100.020	100.0	1
KU	C1S	2076022	02/2017	02/06/2017	99.980	99.990	100.0	1
KU	C1S	2076023	02/2017	02/06/2017	100.030	100.000	100.0	1
KU	C1S	2076024	02/2017	02/06/2017	99.980	100.000	100.0	1
KU	C1S	2076025	02/2017	02/06/2017	100.000	99.990	100.0	1
KU	C1S	2076026	02/2017	02/06/2017	99.990	100.020	100.0	1
KU	C1S	2076027	02/2017	02/06/2017	100.000	99.980	100.0	1
KU	C1S	2076028	02/2017	02/06/2017	99.980	99.990	100.0	1
KU	C1S	2076029	02/2017	02/06/2017	99.970	100.000	100.0	1
KU	C1S	2076030	02/2017	02/06/2017	99.980	99.960	99.9	1
KU	C1S	2076031	02/2017	02/06/2017	100.030	99.990	100.0	1
KU	C1S	2076032	02/2017	02/06/2017	99.990	100.040	100.0	1
KU	C1S	2076033	02/2017	02/06/2017	100.010	99.960	100.0	1
KU	C1S	2076034	02/2017	02/06/2017	100.020	99.990	100.0	1
KU	C1S	2076035	02/2017	02/06/2017	100.010	100.010	100.0	1
KU	C1S	2076036	02/2017	02/06/2017	99.990	99.990	100.0	1
KU	C1S	2076037	02/2017	02/06/2017	100.020	100.020	100.0	1

KU	C1S	2076038	02/2017	02/06/2017	100.000	99.970	100.0	1
KU	C1S	2076039	02/2017	02/06/2017	100.020	100.000	100.0	1
KU	C1S	2076040	02/2017	02/06/2017	100.030	100.000	100.0	1
KU	C1S	2076041	02/2017	02/06/2017	100.020	100.000	100.0	1
KU	C1S	2076042	02/2017	02/06/2017	100.000	100.020	100.0	1
KU	C1S	2076043	02/2017	02/06/2017	100.030	99.970	100.0	1
KU	C1S	2076044	02/2017	02/06/2017	100.020	100.030	100.0	1
KU	C1S	2076045	02/2017	02/06/2017	100.010	100.020	100.0	1
KU	C1S	2076046	02/2017	02/06/2017	99.990	100.020	100.0	1
KU	C1S	2076047	02/2017	02/06/2017	100.000	100.010	100.0	1
KU	C1S	2076048	02/2017	02/06/2017	99.980	100.000	100.0	1
KU	C1S	2076049	02/2017	02/06/2017	99.980	100.010	100.0	1
KU	C1S	2076050	02/2017	02/06/2017	100.010	99.970	100.0	1
KU	C1S	2076051	02/2017	02/06/2017	99.940	100.040	100.0	1
KU	C1S	2076052	02/2017	02/06/2017	100.030	99.990	100.0	1
KU	C1S	2076053	02/2017	02/06/2017	99.980	100.010	100.0	1
KU	C1S	2076054	02/2017	02/06/2017	100.020	100.000	100.0	1
KU	C1S	2076055	02/2017	02/06/2017	100.000	100.020	100.0	1
KU	C1S	2076056	02/2017	02/06/2017	100.000	99.970	100.0	1
KU	C1S	2076057	02/2017	02/06/2017	99.990	100.000	100.0	1
KU	C1S	2076058	02/2017	02/06/2017	99.990	100.020	100.0	1
KU	C1S	2076059	02/2017	02/06/2017	99.970	99.990	100.0	1
KU	C1S	2076060	02/2017	02/06/2017	100.010	99.980	100.0	1
KU	C1S	2076061	02/2017	02/06/2017	100.010	100.010	100.0	1
KU	C1S	2076062	02/2017	02/06/2017	99.990	99.920	99.9	1
KU	C1S	2076063	02/2017	02/06/2017	100.010	99.970	100.0	1
KU	C1S	2076064	02/2017	02/06/2017	99.990	100.020	100.1	1
KU	C1S	2076065	02/2017	02/06/2017	99.970	100.000	100.0	1
KU	C1S	2076066	02/2017	02/06/2017	99.980	99.990	100.0	1
KU	C1S	2076067	02/2017	02/06/2017	100.000	100.010	100.0	1
KU	C1S	2076068	02/2017	02/06/2017	100.010	100.000	100.0	1
KU	C1S	2076069	02/2017	02/06/2017	100.010	99.980	100.0	1
KU	C1S	2076070	02/2017	02/06/2017	99.970	99.990	100.0	1
KU	C1S	2076071	02/2017	02/06/2017	99.970	99.940	100.0	1
KU	C1S	2076072	02/2017	02/06/2017	100.040	100.010	100.0	1
KU	C1S	2076073	02/2017	02/06/2017	100.000	100.020	100.0	1
KU	C1S	2076074	02/2017	02/06/2017	100.010	100.000	100.1	1
KU	C1S	2076075	02/2017	02/06/2017	100.040	100.000	100.0	1
KU	C1S	2076076	02/2017	02/06/2017	99.990	99.970	99.9	1
KU	C1S	2076077	02/2017	02/06/2017	99.970	99.970	99.9	1
KU	C1S	2076078	02/2017	02/06/2017	100.040	99.980	100.0	1
KU	C1S	2076079	02/2017	02/06/2017	100.030	99.990	100.0	1

KU	C1S	2076080	02/2017	02/06/2017	100.000	100.000	100.0	1
KU	C1S	2076081	02/2017	02/06/2017	100.000	100.000	100.0	1
KU	C1S	2076082	02/2017	02/06/2017	99.980	100.000	100.0	1
KU	C1S	2076083	02/2017	02/06/2017	99.990	100.010	100.0	1
KU	C1S	2076084	02/2017	02/06/2017	100.040	100.020	100.0	1
KU	C1S	2076085	02/2017	02/06/2017	100.000	99.990	100.0	1
KU	C1S	2076086	02/2017	02/06/2017	100.000	100.000	100.0	1
KU	C1S	2076087	02/2017	02/06/2017	99.990	99.980	100.0	1
KU	C1S	2076088	02/2017	02/06/2017	100.000	99.990	100.0	1
KU	C1S	2076089	02/2017	02/06/2017	99.990	100.010	100.0	1
KU	C1S	2076090	02/2017	02/06/2017	100.030	100.000	99.9	1
KU	C1S	2076091	02/2017	02/06/2017	99.990	100.010	100.0	1
KU	C1S	2076092	02/2017	02/06/2017	100.010	100.010	100.0	1
KU	C1S	2076093	02/2017	02/06/2017	100.020	100.000	100.1	1
KU	C1S	2076094	02/2017	02/06/2017	99.990	100.030	100.0	1
KU	C1S	2076095	02/2017	02/06/2017	99.980	99.990	100.0	1
KU	C1S	2076096	02/2017	02/06/2017	100.000	100.010	100.0	1
KU	C1S	2076097	02/2017	02/06/2017	100.000	100.050	100.0	1
KU	C1S	2076098	02/2017	02/06/2017	100.000	100.000	100.0	1
KU	C1S	2076099	02/2017	02/06/2017	100.000	99.960	99.9	1
KU	C1S	2076100	02/2017	02/06/2017	100.000	99.990	100.0	1
KU	C1S	2076101	02/2017	02/06/2017	99.990	99.980	100.0	1
KU	C1S	2076102	02/2017	02/06/2017	100.000	100.000	100.0	1
KU	C1S	2076103	02/2017	02/06/2017	99.960	99.990	100.0	1
KU	C1S	2076104	02/2017	02/06/2017	100.010	99.990	100.0	1
KU	C1S	2076105	02/2017	02/06/2017	100.010	100.020	100.0	1
KU	C1S	2076106	02/2017	02/06/2017	100.000	100.010	100.0	1
KU	C1S	2076107	02/2017	02/06/2017	100.010	100.020	100.0	1
KU	C1S	2076108	02/2017	02/06/2017	99.970	100.010	100.0	1
KU	C1S	2076109	02/2017	02/06/2017	99.980	100.040	100.0	1
KU	C1S	2076110	02/2017	02/06/2017	100.010	99.940	100.0	1
KU	C1S	2076111	02/2017	02/06/2017	100.040	99.990	100.0	1
KU	C1S	2076112	02/2017	02/06/2017	99.990	99.980	100.0	1
KU	C1S	2076113	02/2017	02/06/2017	100.030	99.980	99.9	1
KU	C1S	2076114	02/2017	02/06/2017	100.020	100.020	100.0	1
KU	C1S	2076115	02/2017	02/06/2017	100.010	99.950	99.9	1
KU	C1S	2076116	02/2017	02/06/2017	100.020	99.970	100.0	1
KU	C1S	2076117	02/2017	02/06/2017	100.010	100.030	100.0	1
KU	C1S	2076118	02/2017	02/06/2017	100.000	99.980	100.0	1
KU	C1S	2076119	02/2017	02/06/2017	99.980	99.980	100.0	1
KU	C1S	2076120	02/2017	02/06/2017	100.010	100.000	100.0	1
KU	C1S	2076121	02/2017	02/06/2017	99.980	99.950	99.9	1



KU	C1S	2076122	02/2017	02/06/2017	99.980	99.970	100.0	1
KU	C1S	2076123	02/2017	02/06/2017	99.990	100.000	100.0	1
KU	C1S	2076124	02/2017	02/06/2017	100.010	99.950	100.0	1
KU	C1S	2076125	02/2017	02/06/2017	100.010	100.050	100.0	1
KU	C1S	2076126	02/2017	02/06/2017	100.020	100.010	100.0	1
KU	C1S	2076127	02/2017	02/06/2017	100.010	99.980	99.9	1
KU	C1S	2076128	02/2017	02/06/2017	100.050	99.990	100.0	1
KU	C1S	2076129	02/2017	02/06/2017	99.980	99.980	100.0	1
KU	C1S	2076130	02/2017	02/06/2017	100.010	100.020	100.0	1
KU	C1S	2076131	02/2017	02/06/2017	99.990	99.970	100.0	1
KU	C1S	2076132	02/2017	02/06/2017	100.010	100.000	100.0	1
KU	C1S	2076133	02/2017	02/06/2017	100.010	99.990	100.0	1
KU	C1S	2076134	02/2017	02/06/2017	99.980	100.010	100.0	1
KU	C1S	2076135	02/2017	02/06/2017	99.990	100.010	100.0	1
KU	C1S	2076136	02/2017	02/06/2017	100.010	99.960	99.9	1
KU	C1S	2076137	02/2017	02/06/2017	99.980	99.960	99.9	1
KU	C1S	2076138	02/2017	02/06/2017	100.030	100.040	100.0	1
KU	C1S	2076139	02/2017	02/06/2017	99.990	100.010	100.0	1
KU	C1S	2076140	02/2017	02/06/2017	99.970	99.980	100.0	1
KU	C1S	2076141	02/2017	02/06/2017	99.990	100.020	100.0	1
KU	C1S	2076142	02/2017	02/06/2017	99.980	99.980	100.0	1
KU	C1S	2076143	02/2017	02/06/2017	100.000	99.990	99.9	1
KU	C1S	2076144	02/2017	02/06/2017	100.000	100.010	100.0	1
KU	C1S	2076145	02/2017	02/06/2017	100.040	99.980	100.0	1
KU	C1S	2076146	02/2017	02/06/2017	99.950	100.010	100.0	1
KU	C1S	2076147	02/2017	02/06/2017	100.020	99.970	100.0	1
KU	C1S	2076148	02/2017	02/06/2017	100.010	100.000	100.0	1
KU	C1S	2076149	02/2017	02/06/2017	99.990	100.000	100.0	1
KU	C1S	2076150	02/2017	02/06/2017	100.030	100.000	100.0	1
KU	C1S	2076151	02/2017	02/06/2017	99.960	100.000	100.0	1
KU	C1S	2076152	02/2017	02/06/2017	99.970	100.000	100.0	1
KU	C1S	2076153	02/2017	02/06/2017	100.020	99.970	100.0	1
KU	C1S	2076154	02/2017	02/06/2017	99.980	99.970	100.0	1
KU	C1S	2076155	02/2017	02/06/2017	100.010	100.000	100.0	1
KU	C1S	2076156	02/2017	02/06/2017	100.020	99.990	100.0	1
KU	C1S	2076157	02/2017	02/06/2017	100.030	99.990	100.0	1
KU	C1S	2076158	02/2017	02/06/2017	100.000	100.000	100.0	1
KU	C1S	2076159	02/2017	02/06/2017	100.010	99.920	99.9	1
KU	C1S	2076160	02/2017	02/06/2017	100.030	100.070	100.0	1
KU	C1S	2076161	02/2017	02/06/2017	100.010	99.980	100.0	1
KU	C1S	2076162	02/2017	02/06/2017	99.970	100.000	100.0	1
KU	C1S	2076163	02/2017	02/06/2017	99.990	99.990	100.0	1

KU	C1S	2076164	02/2017	02/06/2017	100.010	99.950	99.9	1
KU	C1S	2076165	02/2017	02/06/2017	99.960	100.040	100.0	1
KU	C1S	2076166	02/2017	02/06/2017	99.950	99.940	99.9	1
KU	C1S	2076167	02/2017	02/06/2017	100.010	99.980	100.0	1
KU	C1S	2076168	02/2017	02/06/2017	100.040	99.970	100.0	1
KU	C1S	2076169	02/2017	02/06/2017	100.000	99.990	100.0	1
KU	C1S	2076170	02/2017	02/06/2017	100.030	99.980	100.0	1
KU	C1S	2076171	02/2017	02/06/2017	100.030	100.010	100.0	1
KU	C1S	2076172	02/2017	02/06/2017	100.020	100.000	100.0	1
KU	C1S	2076173	02/2017	02/06/2017	99.980	100.000	100.0	1
KU	C1S	2076174	02/2017	02/06/2017	99.980	100.000	100.0	1
KU	C1S	2076175	02/2017	02/06/2017	100.000	100.020	100.0	1
KU	C1S	2076176	02/2017	02/06/2017	100.010	100.000	100.0	1
KU	C1S	2076177	02/2017	02/06/2017	99.980	99.930	99.9	1
KU	C1S	2076178	02/2017	02/06/2017	100.020	99.990	99.9	1
KU	C1S	2076179	02/2017	02/06/2017	100.000	99.970	99.9	1
KU	C1S	2076180	02/2017	02/06/2017	100.040	99.980	100.0	1
KU	C1S	2076181	02/2017	02/06/2017	100.020	100.020	100.0	1
KU	C1S	2076182	02/2017	02/06/2017	100.000	100.000	100.0	1
KU	C1S	2076183	02/2017	02/06/2017	99.990	99.990	100.0	1
KU	C1S	2076184	02/2017	02/06/2017	100.010	99.930	99.9	1
KU	C1S	2076185	02/2017	02/06/2017	99.980	100.020	100.0	1
KU	C1S	2076186	02/2017	02/06/2017	100.040	100.010	100.0	1
KU	C1S	2076187	02/2017	02/06/2017	99.990	100.010	100.1	1
KU	C1S	2076188	02/2017	02/06/2017	100.020	99.990	100.0	1
KU	C1S	2076189	02/2017	02/06/2017	99.990	99.980	100.0	1
KU	C1S	2076190	02/2017	02/06/2017	100.050	100.000	100.0	1
KU	C1S	2076191	02/2017	02/06/2017	100.010	100.010	100.0	1
KU	C1S	2076192	02/2017	02/06/2017	99.990	99.950	100.0	1
KU	C1S	2076193	02/2017	02/06/2017	100.000	99.950	99.9	1
KU	C1S	2076194	02/2017	02/06/2017	100.000	99.990	99.9	1
KU	C1S	2076195	02/2017	02/06/2017	99.970	99.930	99.9	1
KU	C1S	2076196	02/2017	02/06/2017	99.980	100.020	100.0	1
KU	C1S	2076197	02/2017	02/06/2017	99.980	100.010	100.0	1
KU	C1S	2076198	02/2017	02/06/2017	100.010	99.960	100.0	1
KU	C1S	2076199	02/2017	02/06/2017	99.980	100.020	100.0	1
KU	C1S	2076200	02/2017	02/06/2017	100.000	100.020	100.0	1
KU	C1S	2076201	02/2017	02/06/2017	100.040	100.000	100.0	1
KU	C1S	2076202	02/2017	02/06/2017	100.020	100.000	100.0	1
KU	C1S	2076203	02/2017	02/06/2017	100.030	100.010	100.0	1
KU	C1S	2076204	02/2017	02/06/2017	100.010	99.920	99.9	1
KU	C1S	2076205	02/2017	02/06/2017	99.980	100.010	100.0	1

KU	C1S	2076206	02/2017	02/06/2017	100.010	100.020	100.1	1
KU	C1S	2076207	02/2017	02/06/2017	100.000	99.960	100.0	1
KU	C1S	2076208	02/2017	02/06/2017	99.990	99.980	100.0	1
KU	C1S	2076209	02/2017	02/06/2017	100.000	99.990	100.0	1
KU	C1S	2076210	02/2017	02/06/2017	99.990	100.000	100.0	1
KU	C1S	2076211	02/2017	02/06/2017	100.050	100.000	100.0	1
KU	C1S	2076212	02/2017	02/06/2017	99.950	100.010	100.0	1
KU	C1S	2076213	02/2017	02/06/2017	99.970	99.980	100.0	1
KU	C1S	2076214	02/2017	02/06/2017	100.030	99.950	100.0	1
KU	C1S	2076215	02/2017	02/06/2017	99.970	99.990	100.0	1
KU	C1S	2076216	02/2017	02/06/2017	100.000	100.000	100.0	1
KU	C1S	2076217	02/2017	02/06/2017	100.010	99.980	100.0	1
KU	C1S	2076218	02/2017	02/06/2017	100.020	99.970	100.0	1
KU	C1S	2076219	02/2017	02/06/2017	100.010	100.020	100.0	1
KU	C1S	2076220	02/2017	02/06/2017	100.000	100.010	100.0	1
KU	C1S	2076221	02/2017	02/06/2017	100.010	99.960	100.0	1
KU	C1S	2076222	02/2017	02/06/2017	100.020	100.040	100.0	1
KU	C1S	2076223	02/2017	02/06/2017	99.990	100.020	100.0	1
KU	C1S	2076224	02/2017	02/06/2017	99.990	100.050	100.0	1
KU	C1S	2076225	02/2017	02/06/2017	99.970	100.000	100.0	1
KU	C1S	2076226	02/2017	02/06/2017	99.980	100.020	100.0	1
KU	C1S	2076227	02/2017	02/06/2017	100.010	99.960	99.9	1
KU	C1S	2076228	02/2017	02/06/2017	100.000	99.990	100.0	1
KU	C1S	2076229	02/2017	02/06/2017	100.020	99.950	100.0	1
KU	C1S	2076230	02/2017	02/06/2017	100.010	99.970	100.0	1
KU	C1S	2076231	02/2017	02/06/2017	100.000	100.020	100.1	1
KU	C1S	2076232	02/2017	02/06/2017	100.020	99.960	100.0	1
KU	C1S	2076233	02/2017	02/06/2017	99.990	100.030	100.0	1
KU	C1S	2076234	02/2017	02/06/2017	100.020	99.970	100.0	1
KU	C1S	2076235	02/2017	02/06/2017	100.020	100.010	100.1	1
KU	C1S	2076236	02/2017	02/06/2017	100.000	100.020	100.0	1
KU	C1S	2076237	02/2017	02/06/2017	100.020	99.950	100.0	1
KU	C1S	2076238	02/2017	02/06/2017	99.990	100.000	100.0	1
KU	C1S	2076239	02/2017	02/06/2017	100.020	100.010	100.0	1
KU	C1S	2076240	02/2017	02/06/2017	99.990	100.000	100.0	1
KU	C1S	2076241	02/2017	02/06/2017	100.000	100.020	100.0	1
KU	C1S	2076242	02/2017	02/06/2017	100.000	99.980	100.0	1
KU	C1S	2076243	02/2017	02/06/2017	99.970	99.940	99.9	1
KU	C1S	2076244	02/2017	02/06/2017	99.980	99.990	100.0	1
KU	C1S	2076245	02/2017	02/06/2017	99.990	99.990	99.9	1
KU	C1S	2076246	02/2017	02/06/2017	100.010	100.040	100.0	1
KU	C1S	2076247	02/2017	02/06/2017	99.990	99.940	100.0	1

KU	C1S	2076248	02/2017	02/06/2017	100.020	100.000	100.0	1
KU	C1S	2076249	02/2017	02/06/2017	100.030	100.020	100.0	1
KU	C1S	2076250	02/2017	02/06/2017	100.030	100.020	100.0	1
KU	C1S	2076251	02/2017	02/06/2017	100.010	99.950	100.0	1
KU	C1S	2076252	02/2017	02/06/2017	100.000	100.020	100.0	1
KU	C1S	2076253	02/2017	02/06/2017	99.980	99.950	99.9	1
KU	C1S	2076254	02/2017	02/06/2017	99.990	100.000	100.1	1
KU	C1S	2076255	02/2017	02/06/2017	100.030	99.970	99.9	1
KU	C1S	2076256	02/2017	02/06/2017	100.010	100.010	100.0	1
KU	C1S	2076257	02/2017	02/06/2017	100.010	99.960	100.0	1
KU	C1S	2076258	02/2017	02/06/2017	99.960	100.010	100.0	1
KU	C1S	2076259	02/2017	02/06/2017	100.010	99.980	100.0	1
KU	C1S	2076260	02/2017	02/06/2017	100.020	100.020	100.0	1
KU	C1S	2076261	02/2017	02/06/2017	100.030	99.960	100.0	1
KU	C1S	2076262	02/2017	02/06/2017	100.010	99.980	99.9	1
KU	C1S	2076263	02/2017	02/06/2017	100.020	100.000	100.0	1
KU	C1S	2076264	02/2017	02/06/2017	100.010	100.020	100.0	1
KU	C1S	2076265	02/2017	02/06/2017	99.980	100.000	100.0	1
KU	C1S	2076266	02/2017	02/06/2017	100.020	100.020	100.0	1
KU	C1S	2076267	02/2017	02/06/2017	100.020	100.010	100.0	1
KU	C1S	2076268	02/2017	02/06/2017	100.010	100.010	100.0	1
KU	C1S	2076269	02/2017	02/06/2017	99.990	99.980	100.0	1
KU	C1S	2076270	02/2017	02/06/2017	100.000	100.010	100.0	1
KU	C1S	2076271	02/2017	02/06/2017	100.010	99.990	99.9	1
KU	C1S	2076272	02/2017	02/06/2017	99.980	99.960	100.0	1
KU	C1S	2076273	02/2017	02/06/2017	99.980	99.940	99.9	1
KU	C1S	2076274	02/2017	02/06/2017	99.990	99.980	100.1	1
KU	C1S	2076275	02/2017	02/06/2017	100.000	99.980	100.0	1
KU	C1S	2076276	02/2017	02/06/2017	100.010	100.000	100.0	1
KU	C1S	2076277	02/2017	02/06/2017	100.000	100.050	100.0	1
KU	C1S	2076278	02/2017	02/06/2017	100.020	99.990	99.9	1
KU	C1S	2076279	02/2017	02/06/2017	99.990	100.010	100.0	1
KU	C1S	2076280	02/2017	02/06/2017	99.990	99.980	100.0	1
KU	C1S	2076281	02/2017	02/06/2017	100.030	100.010	100.0	1
KU	C1S	2076282	02/2017	02/06/2017	99.960	99.990	100.1	1
KU	C1S	2076283	02/2017	02/06/2017	100.030	100.010	100.0	1
KU	C1S	2076284	02/2017	02/06/2017	100.020	100.030	100.0	1
KU	C1S	2076285	02/2017	02/06/2017	99.990	100.000	100.0	1
KU	C1S	2076286	02/2017	02/06/2017	100.010	99.990	100.0	1
KU	C1S	2076287	02/2017	02/06/2017	100.010	99.990	100.0	1
KU	C1S	2076288	02/2017	02/06/2017	100.010	100.020	100.0	1
KU	C1S	2076289	02/2017	02/06/2017	99.990	99.940	100.1	1

KU	C1S	2076290	02/2017	02/06/2017	100.000	99.930	99.9	1
KU	C1S	2076291	02/2017	02/06/2017	100.000	100.040	100.1	1
KU	C1S	2076292	02/2017	02/06/2017	100.040	100.000	100.0	1
KU	C1S	2076293	02/2017	02/06/2017	100.010	100.040	100.0	1
KU	C1S	2076294	02/2017	02/06/2017	100.000	99.980	99.9	1
KU	C1S	2076295	02/2017	02/06/2017	100.000	99.990	100.0	1
KU	C1S	2076296	02/2017	02/06/2017	100.000	100.000	100.0	1
KU	C1S	2076297	02/2017	02/06/2017	99.990	99.980	100.0	1
KU	C1S	2076298	02/2017	02/06/2017	100.030	100.010	100.0	1
KU	C1S	2076299	02/2017	02/06/2017	99.940	100.010	100.0	1
KU	C1S	2076300	02/2017	02/06/2017	99.990	100.020	100.0	1
KU	C1S	2076301	02/2017	02/06/2017	100.030	99.990	100.0	1
KU	C1S	2076302	02/2017	02/06/2017	100.020	99.930	99.9	1
KU	C1S	2076303	02/2017	02/06/2017	100.020	99.990	100.0	1
KU	C1S	2076304	02/2017	02/06/2017	99.990	99.960	100.0	1
KU	C1S	2076305	02/2017	02/06/2017	99.990	99.980	100.0	1
KU	C1S	2076306	02/2017	02/06/2017	100.050	99.960	100.0	1
KU	C1S	2076307	02/2017	02/06/2017	100.000	99.970	100.0	1
KU	C1S	2076308	02/2017	02/06/2017	100.030	99.970	100.0	1
KU	C1S	2076309	02/2017	02/06/2017	100.000	99.950	99.9	1
KU	C1S	2076310	02/2017	02/06/2017	100.020	99.940	99.9	1
KU	C1S	2076311	02/2017	02/06/2017	100.040	99.960	100.0	1
KU	C1S	2076312	02/2017	02/06/2017	99.970	99.950	100.0	1
KU	C1S	2076313	02/2017	02/06/2017	99.990	100.000	100.0	1
KU	C1S	2076314	02/2017	02/06/2017	99.980	100.000	100.0	1
KU	C1S	2076315	02/2017	02/06/2017	99.990	99.980	100.0	1
KU	C1S	2076316	02/2017	02/06/2017	100.000	99.970	99.9	1
KU	C1S	2076317	02/2017	02/06/2017	100.010	100.000	100.0	1
KU	C1S	2076318	02/2017	02/06/2017	100.020	99.990	100.0	1
KU	C1S	2076319	02/2017	02/06/2017	100.040	99.970	99.9	1
KU	C1S	2076320	02/2017	02/06/2017	99.990	99.970	99.9	1
KU	C1S	2076321	02/2017	02/06/2017	100.020	100.030	100.0	1
KU	C1S	2076322	02/2017	02/06/2017	99.990	99.930	99.9	1
KU	C1S	2076323	02/2017	02/06/2017	99.990	99.940	99.9	1
KU	C1S	2076324	02/2017	02/06/2017	100.000	99.950	100.0	1
KU	C1S	2076325	02/2017	02/06/2017	100.030	99.930	99.9	1
KU	C1S	2076326	02/2017	02/06/2017	100.010	99.930	99.9	1
KU	C1S	2076327	02/2017	02/06/2017	100.020	99.950	99.9	1
KU	C1S	2076328	02/2017	02/06/2017	99.970	100.000	100.0	1
KU	C1S	2076329	02/2017	02/06/2017	99.990	99.990	100.0	1
KU	C1S	2076330	02/2017	02/06/2017	100.030	100.030	100.0	1
KU	C1S	2076331	02/2017	02/06/2017	100.000	100.000	100.0	1

KU	C1S	2076332	02/2017	02/06/2017	99.990	99.960	100.1	1
KU	C1S	2076333	02/2017	02/06/2017	99.980	99.950	99.9	1
KU	C1S	2076334	02/2017	02/06/2017	99.980	99.970	100.2	1
KU	C1S	2076335	02/2017	02/06/2017	100.000	99.950	100.0	1
KU	C1S	2076336	02/2017	02/06/2017	99.990	100.000	100.0	1
KU	C1S	2076337	02/2017	02/06/2017	100.020	99.950	100.0	1
KU	C1S	2076338	02/2017	02/06/2017	100.010	99.950	100.0	1
KU	C1S	2076339	02/2017	02/06/2017	100.020	99.940	99.9	1
KU	C1S	2076340	02/2017	02/06/2017	100.000	100.010	100.0	1
KU	C1S	2076341	02/2017	02/06/2017	99.990	100.060	100.0	1
KU	C1S	2076342	02/2017	02/06/2017	100.040	100.030	100.0	1
KU	C1S	2076343	02/2017	02/06/2017	99.990	100.010	100.0	1
KU	C1S	2076344	02/2017	02/06/2017	100.010	100.000	100.0	1
KU	C1S	2076345	02/2017	02/06/2017	100.020	99.970	100.0	1
KU	C1S	2076346	02/2017	02/06/2017	100.040	100.010	100.0	1
KU	C1S	2076347	02/2017	02/06/2017	99.990	99.980	100.0	1
KU	C1S	2076348	02/2017	02/06/2017	100.000	100.010	100.0	1
KU	C1S	2076349	02/2017	02/06/2017	99.990	100.020	100.0	1
KU	C1S	2076350	02/2017	02/06/2017	99.970	100.000	100.0	1
KU	C1S	2076351	02/2017	02/06/2017	100.000	99.960	100.0	1
KU	C1S	2076352	02/2017	02/06/2017	99.980	99.960	100.0	1
KU	C1S	2076353	02/2017	02/06/2017	100.010	99.990	100.0	1
KU	C1S	2076354	02/2017	02/06/2017	100.000	99.950	100.0	1
KU	C1S	2076355	02/2017	02/06/2017	100.030	99.980	100.0	1
KU	C1S	2076356	02/2017	02/06/2017	99.980	100.010	100.0	1
KU	C1S	2076357	02/2017	02/06/2017	100.040	100.010	100.0	1
KU	C1S	2076358	02/2017	02/06/2017	100.000	100.010	100.0	1
KU	C1S	2076359	02/2017	02/06/2017	100.010	99.990	99.9	1
KU	C1S	2076360	02/2017	02/06/2017	99.990	99.980	100.0	1
KU	C1S	2076361	02/2017	02/06/2017	100.000	99.980	100.0	1
KU	C1S	2076362	02/2017	02/06/2017	99.980	100.030	100.0	1
KU	C1S	2076363	02/2017	02/06/2017	100.030	99.980	100.0	1
KU	C1S	2076364	02/2017	02/06/2017	99.980	100.020	100.0	1
KU	C1S	2076365	02/2017	02/06/2017	100.000	100.010	100.0	1
KU	C1S	2076366	02/2017	02/06/2017	99.990	99.980	100.0	1
KU	C1S	2076367	02/2017	02/06/2017	99.990	100.000	100.0	1
KU	C1S	2076368	02/2017	02/06/2017	99.980	99.980	100.0	1
KU	C1S	2076369	02/2017	02/06/2017	99.990	100.000	100.0	1
KU	C1S	2076370	02/2017	02/06/2017	100.040	99.990	100.0	1
KU	C1S	2076371	02/2017	02/06/2017	100.010	100.000	100.0	1
KU	C1S	2076372	02/2017	02/06/2017	99.990	99.960	100.0	1
KU	C1S	2076373	02/2017	02/06/2017	100.000	100.000	100.0	1

KU	C1S	2076374	02/2017	02/06/2017	100.010	100.000	100.0	1
KU	C1S	2076375	02/2017	02/06/2017	99.990	99.990	100.0	1
KU	C1S	2076376	02/2017	02/06/2017	100.000	100.000	100.1	1
KU	C1S	2076377	02/2017	02/06/2017	99.990	99.990	100.0	1
KU	C1S	2076378	02/2017	02/06/2017	100.020	99.980	100.0	1
KU	C1S	2076379	02/2017	02/06/2017	100.000	99.970	100.0	1
KU	C1S	2076380	02/2017	02/06/2017	100.010	99.980	100.0	1
KU	C1S	2076381	02/2017	02/06/2017	99.980	100.000	100.0	1
KU	C1S	2076382	02/2017	02/06/2017	99.970	100.000	100.0	1
KU	C1S	2076383	02/2017	02/06/2017	99.970	99.940	100.0	1
KU	C1S	2076384	02/2017	02/06/2017	100.010	99.970	99.9	1
KU	C1S	2076385	02/2017	02/06/2017	99.960	99.960	100.0	1
KU	C1S	2076386	02/2017	02/06/2017	99.980	99.950	99.9	1
KU	C1S	2076387	02/2017	02/06/2017	100.000	99.960	100.0	1
KU	C1S	2076388	02/2017	02/06/2017	100.000	99.920	100.0	1
KU	C1S	2076389	02/2017	02/06/2017	100.030	100.000	100.0	1
KU	C1S	2076390	02/2017	02/06/2017	99.980	99.980	100.0	1
KU	C1S	2076391	02/2017	02/06/2017	100.000	100.000	100.0	1
KU	C1S	2076392	02/2017	02/06/2017	99.980	99.980	100.0	1
KU	C1S	2076393	02/2017	02/06/2017	99.990	99.980	100.0	1
KU	C1S	2076394	02/2017	02/06/2017	100.010	100.020	100.0	1
KU	C1S	2076395	02/2017	02/06/2017	100.000	99.990	100.0	1
KU	C1S	2076396	02/2017	02/06/2017	100.020	100.000	100.0	1
KU	C1S	2076397	02/2017	02/06/2017	100.010	99.970	100.0	1
KU	C1S	2076398	02/2017	02/06/2017	100.020	99.990	100.0	1
KU	C1S	2076399	02/2017	02/06/2017	100.000	100.000	100.0	1
KU	C1S	2076400	02/2017	02/06/2017	100.030	99.990	100.0	1
KU	C1S	2076401	02/2017	02/06/2017	100.000	99.990	100.0	1
KU	C1S	2076402	02/2017	02/06/2017	100.010	100.000	100.0	1
KU	C1S	2076403	02/2017	02/06/2017	99.960	100.010	100.0	1
KU	C1S	2076404	02/2017	02/06/2017	100.000	100.000	100.0	1
KU	C1S	2076405	02/2017	02/06/2017	100.010	100.000	100.0	1
KU	C1S	2076406	02/2017	02/06/2017	99.950	100.020	100.1	1
KU	C1S	2076407	02/2017	02/06/2017	100.000	100.000	100.0	1
KU	C1S	2076408	02/2017	02/06/2017	100.000	100.000	100.0	1
KU	C1S	2076409	02/2017	02/06/2017	99.990	99.980	100.0	1
KU	C1S	2076410	02/2017	02/06/2017	100.000	100.000	100.1	1
KU	C1S	2076411	02/2017	02/06/2017	100.040	100.000	100.0	1
KU	C1S	2076412	02/2017	02/06/2017	100.010	99.990	100.0	1
KU	C1S	2076413	02/2017	02/06/2017	100.020	99.980	100.0	1
KU	C1S	2076414	02/2017	02/06/2017	100.000	100.010	100.0	1
KU	C1S	2076415	02/2017	02/06/2017	100.000	100.000	100.0	1

KU	C1S	2075534	02/2017	02/06/2017	99.970	100.030	100.0	1
KU	C1S	2075535	02/2017	02/06/2017	100.000	99.970	99.9	1
KU	C1S	2075536	02/2017	02/06/2017	100.020	99.970	99.9	1
KU	C1S	2075537	02/2017	02/06/2017	99.990	99.970	100.0	1
KU	C1S	2075538	02/2017	02/06/2017	100.000	99.980	100.0	1
KU	C1S	2075539	02/2017	02/06/2017	100.000	99.970	99.9	1
KU	C1S	2075540	02/2017	02/06/2017	100.010	99.980	100.0	1
KU	C1S	2075541	02/2017	02/06/2017	100.000	99.970	100.0	1
KU	C1S	2075542	02/2017	02/06/2017	100.020	99.950	100.0	1
KU	C1S	2075543	02/2017	02/06/2017	100.000	99.950	100.0	1
KU	C1S	2075544	02/2017	02/06/2017	100.010	99.930	99.9	1
KU	C1S	2075545	02/2017	02/06/2017	99.970	100.000	100.0	1
KU	C1S	2075546	02/2017	02/06/2017	100.030	100.010	100.0	1
KU	C1S	2075547	02/2017	02/06/2017	100.000	99.990	100.0	1
KU	C1S	2075548	02/2017	02/06/2017	100.020	99.980	100.0	1
KU	C1S	2075549	02/2017	02/06/2017	99.970	99.960	100.0	1
KU	C1S	2075550	02/2017	02/06/2017	99.990	100.000	100.0	1
KU	C1S	2075551	02/2017	02/06/2017	100.000	99.940	100.0	1
KU	C1S	2075552	02/2017	02/06/2017	99.980	100.030	100.0	1
KU	C1S	2075553	02/2017	02/06/2017	99.980	99.960	100.0	1
KU	C1S	2075554	02/2017	02/06/2017	99.950	99.980	99.9	1
KU	C1S	2075555	02/2017	02/06/2017	100.030	99.950	99.9	1
KU	C1S	2075556	02/2017	02/06/2017	100.000	99.940	100.0	1
KU	C1S	2075557	02/2017	02/06/2017	100.010	99.970	100.0	1
KU	C1S	2075558	02/2017	02/06/2017	100.020	99.960	100.0	1
KU	C1S	2075559	02/2017	02/06/2017	100.000	99.960	99.9	1
KU	C1S	2075560	02/2017	02/06/2017	99.970	99.940	99.9	1
KU	C1S	2075561	02/2017	02/06/2017	99.990	99.980	100.0	1
KU	C1S	2075562	02/2017	02/06/2017	100.010	100.000	100.0	1
KU	C1S	2075563	02/2017	02/06/2017	99.990	99.980	100.0	1
KU	C1S	2075564	02/2017	02/06/2017	100.000	100.020	100.0	1
KU	C1S	2075565	02/2017	02/06/2017	100.020	99.980	100.0	1
KU	C1S	2075566	02/2017	02/06/2017	100.000	99.960	99.9	1
KU	C1S	2075567	02/2017	02/06/2017	99.990	100.020	100.0	1
KU	C1S	2075568	02/2017	02/06/2017	100.020	99.970	100.0	1
KU	C1S	2075569	02/2017	02/06/2017	100.000	100.020	100.1	1
KU	C1S	2075570	02/2017	02/06/2017	100.010	100.020	100.0	1
KU	C1S	2075571	02/2017	02/06/2017	99.960	100.000	100.0	1
KU	C1S	2075572	02/2017	02/06/2017	100.010	99.980	100.1	1
KU	C1S	2075573	02/2017	02/06/2017	100.020	99.990	100.0	1
KU	C1S	2075574	02/2017	02/06/2017	99.990	99.970	100.0	1
KU	C1S	2075575	02/2017	02/06/2017	99.980	100.000	100.0	1



KU	C1S	2076416	02/2017	02/06/2017	99.990	100.010	100.0	1
KU	C1S	2076417	02/2017	02/06/2017	99.990	99.980	100.0	1
KU	C1S	2076418	02/2017	02/06/2017	100.010	99.990	100.0	1
KU	C1S	2076419	02/2017	02/06/2017	99.990	99.990	100.0	1
KU	C1S	2076420	02/2017	02/06/2017	100.010	99.950	99.9	1
KU	C1S	2076421	02/2017	02/06/2017	100.040	99.980	100.0	1
KU	C1S	2076422	02/2017	02/06/2017	99.980	100.000	100.0	1
KU	C1S	2076423	02/2017	02/06/2017	100.040	99.990	100.0	1
KU	C1S	2076424	02/2017	02/06/2017	100.010	99.920	100.0	1
KU	C1S	2076425	02/2017	02/06/2017	100.010	99.990	100.0	1
KU	C1S	2076426	02/2017	02/06/2017	100.010	99.990	100.0	1
KU	C1S	2076427	02/2017	02/06/2017	100.000	99.990	100.0	1
KU	C1S	2076428	02/2017	02/06/2017	100.000	99.980	100.0	1
KU	C1S	2076429	02/2017	02/06/2017	100.000	99.970	100.0	1
KU	C1S	2076430	02/2017	02/06/2017	100.000	100.000	99.9	1
KU	C1S	2076431	02/2017	02/06/2017	100.010	99.930	99.9	1
KU	C1S	2076432	02/2017	02/06/2017	100.000	99.990	100.0	1
KU	C1S	2076433	02/2017	02/06/2017	99.970	100.010	100.0	1
KU	C1S	2076434	02/2017	02/06/2017	100.010	99.960	99.9	1
KU	C1S	2076435	02/2017	02/06/2017	99.990	100.010	100.0	1
KU	C1S	2076436	02/2017	02/06/2017	99.970	99.990	100.0	1
KU	C1S	2076437	02/2017	02/06/2017	100.030	99.990	100.0	1
KU	C1S	2076438	02/2017	02/06/2017	100.000	99.930	99.9	1
KU	C1S	2076439	02/2017	02/06/2017	100.020	99.960	100.0	1
KU	C1S	2076440	02/2017	02/06/2017	100.000	99.970	100.0	1
KU	C1S	2076441	02/2017	02/06/2017	100.020	100.000	100.0	1
KU	C1S	2076442	02/2017	02/06/2017	100.000	99.950	100.0	1
KU	C1S	2076443	02/2017	02/06/2017	99.970	99.970	100.0	1
KU	C1S	2076444	02/2017	02/06/2017	99.980	100.000	100.0	1
KU	C1S	2076445	02/2017	02/06/2017	100.000	99.990	100.0	1
KU	C1S	2076446	02/2017	02/06/2017	100.010	99.990	100.0	1
KU	C1S	2076447	02/2017	02/06/2017	99.990	99.950	99.9	1
KU	C1S	2076448	02/2017	02/06/2017	100.020	100.020	100.0	1
KU	C1S	2076449	02/2017	02/06/2017	100.020	99.930	99.9	1
KU	C1S	2076450	02/2017	02/06/2017	99.990	100.030	100.1	1
KU	C1S	2076451	02/2017	02/06/2017	100.020	100.000	100.0	1
KU	C1S	2076452	02/2017	02/06/2017	99.980	99.960	100.0	1
KU	C1S	2076453	02/2017	02/06/2017	100.020	100.000	100.0	1
KU	C1S	2076454	02/2017	02/06/2017	100.010	99.960	99.9	1
KU	C1S	2076455	02/2017	02/06/2017	99.990	99.990	100.0	1
KU	C1S	2076456	02/2017	02/06/2017	100.010	100.010	100.0	1
KU	C1S	2076457	02/2017	02/06/2017	100.020	100.010	100.0	1

KU	C1S	2076458	02/2017	02/06/2017	100.000	99.980	99.9	1
KU	C1S	2076459	02/2017	02/06/2017	100.020	99.990	100.0	1
KU	C1S	2076460	02/2017	02/06/2017	99.970	99.980	100.0	1
KU	C1S	2076461	02/2017	02/06/2017	99.970	100.000	100.0	1
KU	C1S	2076462	02/2017	02/06/2017	99.980	99.960	99.9	1
KU	C1S	2076463	02/2017	02/06/2017	99.970	99.980	100.0	1
KU	C1S	2076464	02/2017	02/06/2017	99.990	99.960	100.0	1
KU	C1S	2076465	02/2017	02/06/2017	100.010	99.970	99.9	1
KU	C1S	2076466	02/2017	02/06/2017	99.970	100.020	100.0	1
KU	C1S	2076467	02/2017	02/06/2017	99.990	99.950	100.0	1
KU	C1S	2076468	02/2017	02/06/2017	100.020	100.000	100.0	1
KU	C1S	2076469	02/2017	02/06/2017	99.960	100.010	99.9	1
KU	C1S	2076470	02/2017	02/06/2017	99.990	100.010	100.0	1
KU	C1S	2076471	02/2017	02/06/2017	100.010	99.990	99.9	1
KU	C1S	2076472	02/2017	02/06/2017	99.980	100.010	100.0	1
KU	C1S	2076473	02/2017	02/06/2017	100.030	99.930	99.9	1
KU	C1S	2076474	02/2017	02/06/2017	99.950	100.000	100.0	1
KU	C1S	2076475	02/2017	02/06/2017	100.000	99.960	99.9	1
KU	C1S	2076476	02/2017	02/06/2017	100.010	99.950	99.9	1
KU	C1S	2076477	02/2017	02/06/2017	100.040	99.970	100.0	1
KU	C1S	2076478	02/2017	02/06/2017	99.980	99.970	100.0	1
KU	C1S	2076479	02/2017	02/06/2017	100.040	99.970	99.9	1
KU	C1S	2076480	02/2017	02/06/2017	100.020	99.970	100.0	1
KU	C1S	2076481	02/2017	02/06/2017	99.960	99.980	100.0	1
KU	C1S	2076482	02/2017	02/06/2017	100.000	99.990	99.9	1
KU	C1S	2076483	02/2017	02/06/2017	100.000	99.990	100.0	1
KU	C1S	2076484	02/2017	02/06/2017	100.010	100.000	100.0	1
KU	C1S	2076485	02/2017	02/06/2017	99.990	99.980	99.9	1
KU	C1S	2076486	02/2017	02/06/2017	100.010	99.980	100.0	1
KU	C1S	2076487	02/2017	02/06/2017	100.000	99.960	99.9	1
KU	C1S	2076488	02/2017	02/06/2017	99.960	99.960	99.9	1
KU	C1S	2076489	02/2017	02/06/2017	100.010	99.990	100.0	1
KU	C1S	2076490	02/2017	02/06/2017	99.980	99.960	100.0	1
KU	C1S	2076491	02/2017	02/06/2017	100.000	99.960	99.9	1
KU	C1S	2076492	02/2017	02/06/2017	100.010	100.010	100.0	1
KU	C1S	2076493	02/2017	02/06/2017	99.990	99.990	100.0	1
KU	C1S	2076494	02/2017	02/06/2017	99.980	99.980	100.0	1
KU	C1S	2076495	02/2017	02/06/2017	100.010	99.970	100.0	1
KU	C1S	2076496	02/2017	02/06/2017	99.990	99.940	99.9	1
KU	C1S	2076497	02/2017	02/06/2017	99.970	100.000	100.0	1
KU	C1S	2076498	02/2017	02/06/2017	100.000	100.000	100.0	1
KU	C1S	2076499	02/2017	02/06/2017	99.990	99.920	100.0	1

KU	C1S	2076500	02/2017	02/06/2017	100.010	99.970	99.9	1
KU	C1S	2076501	02/2017	02/06/2017	100.020	99.990	100.0	1
KU	C1S	2076502	02/2017	02/06/2017	99.960	99.950	99.9	1
KU	C1S	2076503	02/2017	02/06/2017	100.020	99.980	100.0	1
KU	C1S	2076504	02/2017	02/06/2017	100.000	100.010	100.0	1
KU	C1S	2076505	02/2017	02/06/2017	99.990	99.980	100.0	1
KU	C1S	2076506	02/2017	02/06/2017	100.000	99.940	100.0	1
KU	C1S	2076507	02/2017	02/06/2017	99.990	99.990	100.0	1
KU	C1S	2076508	02/2017	02/06/2017	99.980	99.960	100.0	1
KU	C1S	2076509	02/2017	02/06/2017	99.980	99.960	99.9	1
KU	C1S	2076510	02/2017	02/06/2017	100.020	99.930	99.9	1
KU	C1S	2076511	02/2017	02/06/2017	100.020	99.980	100.0	1
KU	C1S	2076512	02/2017	02/06/2017	99.980	99.990	100.0	1
KU	C1S	2076513	02/2017	02/06/2017	100.000	99.980	100.0	1
KU	C1S	2076514	02/2017	02/06/2017	99.990	99.990	100.0	1
KU	C1S	2076515	02/2017	02/06/2017	99.990	99.940	99.9	1
KU	C1S	2076516	02/2017	02/06/2017	100.000	99.970	100.0	1
KU	C1S	2076517	02/2017	02/06/2017	100.020	99.990	100.0	1
KU	C1S	2076518	02/2017	02/06/2017	99.990	100.000	100.0	1
KU	C1S	2076519	02/2017	02/06/2017	100.020	99.980	99.9	1
KU	C1S	2076520	02/2017	02/06/2017	100.000	99.980	100.0	1
KU	C1S	2076521	02/2017	02/06/2017	100.010	100.010	100.0	1
KU	C1S	2076522	02/2017	02/06/2017	100.030	99.980	100.0	1
KU	C1S	2076523	02/2017	02/06/2017	99.990	99.990	99.9	1
KU	C1S	2076524	02/2017	02/06/2017	100.000	99.970	100.0	1
KU	C1S	2076525	02/2017	02/06/2017	99.990	99.960	99.9	1
KU	C1S	2076526	02/2017	02/06/2017	100.020	99.960	99.9	1
KU	C1S	2076527	02/2017	02/06/2017	99.990	99.980	100.0	1
KU	C1S	2076528	02/2017	02/06/2017	99.970	100.000	100.0	1
KU	C1S	2076529	02/2017	02/06/2017	100.030	100.010	100.0	1
KU	C1S	2076530	02/2017	02/06/2017	100.000	100.020	100.0	1
KU	C1S	2076531	02/2017	02/06/2017	100.030	99.990	100.0	1
KU	C1S	2076532	02/2017	02/06/2017	99.990	99.980	100.0	1
KU	C1S	2076533	02/2017	02/06/2017	100.000	100.040	99.9	1
KU	C1S	2076534	02/2017	02/06/2017	100.020	99.980	100.0	1
KU	C1S	2076535	02/2017	02/06/2017	99.960	99.990	100.0	1
KU	C1S	2076536	02/2017	02/06/2017	99.990	99.990	100.0	1
KU	C1S	2076537	02/2017	02/06/2017	99.970	99.990	100.0	1
KU	C1S	2076538	02/2017	02/06/2017	100.020	99.970	100.0	1
KU	C1S	2076539	02/2017	02/06/2017	100.020	100.020	100.0	1
KU	C1S	2076540	02/2017	02/06/2017	100.010	99.970	100.0	1
KU	C1S	2076541	02/2017	02/06/2017	100.000	99.930	99.9	1

KU	C1S	2076542	02/2017	02/06/2017	99.960	100.000	100.0	1
KU	C1S	2076543	02/2017	02/06/2017	100.020	100.000	100.0	1
KU	C1S	2076544	02/2017	02/06/2017	100.000	100.030	100.0	1
KU	C1S	2076545	02/2017	02/06/2017	100.000	99.940	99.9	1
KU	C1S	2076546	02/2017	02/06/2017	99.990	99.980	100.0	1
KU	C1S	2076547	02/2017	02/06/2017	100.010	99.970	100.0	1
KU	C1S	2076548	02/2017	02/06/2017	100.010	99.990	100.0	1
KU	C1S	2076549	02/2017	02/06/2017	100.000	99.940	99.9	1
KU	C1S	2076550	02/2017	02/06/2017	100.010	100.000	100.0	1
KU	C1S	2076551	02/2017	02/06/2017	100.020	100.010	100.0	1
KU	C1S	2076552	02/2017	02/06/2017	100.030	99.970	99.9	1
KU	C1S	2076553	02/2017	02/06/2017	100.020	99.950	99.9	1
KU	C1S	2076554	02/2017	02/06/2017	100.000	99.970	100.0	1
KU	C1S	2076555	02/2017	02/06/2017	99.980	99.940	99.9	1
KU	C1S	2076556	02/2017	02/06/2017	100.010	99.990	100.0	1
KU	C1S	2076557	02/2017	02/06/2017	100.010	99.960	100.1	1
KU	C1S	2076558	02/2017	02/06/2017	100.050	99.940	100.0	1
KU	C1S	2076559	02/2017	02/06/2017	100.040	99.990	100.0	1
KU	C1S	2076560	02/2017	02/06/2017	100.020	99.930	99.9	1
KU	C1S	2076561	02/2017	02/06/2017	100.000	99.990	100.0	1
KU	C1S	2076562	02/2017	02/06/2017	99.980	99.970	100.0	1
KU	C1S	2076563	02/2017	02/06/2017	100.020	99.970	100.0	1
KU	C1S	2076564	02/2017	02/06/2017	99.970	99.960	99.9	1
KU	C1S	2076565	02/2017	02/06/2017	99.980	99.970	100.0	1
KU	C1S	2076566	02/2017	02/06/2017	100.010	100.010	100.0	1
KU	C1S	2076567	02/2017	02/06/2017	100.020	99.990	100.0	1
KU	C1S	2076568	02/2017	02/06/2017	100.020	99.950	99.9	1
KU	C1S	2076569	02/2017	02/06/2017	99.990	99.960	100.0	1
KU	C1S	2076570	02/2017	02/06/2017	99.990	99.980	100.0	1
KU	C1S	2076571	02/2017	02/06/2017	100.010	99.960	100.0	1
KU	C1S	2076572	02/2017	02/06/2017	99.990	99.980	100.0	1
KU	C1S	2076573	02/2017	02/06/2017	100.000	99.900	99.9	1
KU	C1S	2076574	02/2017	02/06/2017	99.990	99.980	100.0	1
KU	C1S	2076575	02/2017	02/06/2017	100.010	100.000	100.0	1
KU	C1S	2076576	02/2017	02/06/2017	100.010	99.980	100.0	1
KU	C1S	2076577	02/2017	02/06/2017	99.960	99.980	100.0	1
KU	C1S	2076578	02/2017	02/06/2017	100.030	100.000	100.0	1
KU	C1S	2076579	02/2017	02/06/2017	100.030	100.000	100.0	1
KU	C1S	2076580	02/2017	02/06/2017	100.010	100.020	100.0	1
KU	C1S	2076581	02/2017	02/06/2017	100.050	99.980	100.0	1
KU	C1S	2076582	02/2017	02/06/2017	100.000	99.980	100.0	1
KU	C1S	2076583	02/2017	02/06/2017	99.970	99.970	99.9	1

KU	C1S	2076584	02/2017	02/06/2017	99.980	100.020	100.0	1
KU	C1S	2076585	02/2017	02/06/2017	99.980	99.970	99.9	1
KU	C1S	2076586	02/2017	02/06/2017	100.010	99.980	100.0	1
KU	C1S	2076587	02/2017	02/06/2017	100.000	99.980	99.9	1
KU	C1S	2076588	02/2017	02/06/2017	100.020	99.990	100.0	1
KU	C1S	2076589	02/2017	02/06/2017	100.000	99.980	99.9	1
KU	C1S	2076590	02/2017	02/06/2017	100.020	99.910	99.9	1
KU	C1S	2076591	02/2017	02/06/2017	100.000	99.970	99.9	1
KU	C1S	2076592	02/2017	02/06/2017	100.010	100.010	100.0	1
KU	C1S	2076593	02/2017	02/06/2017	100.000	100.000	100.0	1
KU	C1S	2076594	02/2017	02/06/2017	100.020	99.980	100.0	1
KU	C1S	2076595	02/2017	02/06/2017	99.980	99.970	99.9	1
KU	C1S	2076596	02/2017	02/06/2017	99.990	100.010	100.0	1
KU	C1S	2076597	02/2017	02/06/2017	100.010	99.980	100.0	1
KU	C1S	2076598	02/2017	02/06/2017	99.990	99.990	100.0	1
KU	C1S	2076599	02/2017	02/06/2017	100.020	100.000	100.0	1
KU	C1S	2076600	02/2017	02/06/2017	100.000	100.000	100.0	1
KU	C1S	2076601	02/2017	02/06/2017	100.030	99.980	100.0	1
KU	C1S	2076602	02/2017	02/06/2017	100.010	99.970	99.9	1
KU	C1S	2076603	02/2017	02/06/2017	99.990	99.990	99.9	1
KU	C1S	2076604	02/2017	02/06/2017	100.000	99.980	100.0	1
KU	C1S	2076605	02/2017	02/06/2017	100.000	99.920	99.9	1
KU	C1S	2076606	02/2017	02/06/2017	99.980	100.010	100.0	1
KU	C1S	2076607	02/2017	02/06/2017	100.000	99.990	100.0	1
KU	C1S	2076608	02/2017	02/06/2017	100.020	100.000	100.0	1
KU	C1S	2076609	02/2017	02/06/2017	100.030	99.980	100.0	1
KU	C1S	2076610	02/2017	02/06/2017	100.000	99.990	100.0	1
KU	C1S	2076611	02/2017	02/06/2017	100.010	99.970	99.9	1
KU	C1S	2076612	02/2017	02/06/2017	100.010	99.980	100.0	1
KU	C1S	2076613	02/2017	02/06/2017	99.990	99.980	100.0	1
KU	C1S	2076614	02/2017	02/06/2017	99.970	99.960	99.9	1
KU	C1S	2076615	02/2017	02/06/2017	99.990	99.980	100.0	1
KU	C1S	2076616	02/2017	02/06/2017	100.010	100.000	100.0	1
KU	C1S	2076617	02/2017	02/06/2017	100.000	100.020	100.0	1
KU	C1S	2076618	02/2017	02/06/2017	99.990	100.010	100.0	1
KU	C1S	2076619	02/2017	02/06/2017	100.020	100.020	100.0	1
KU	C1S	2076620	02/2017	02/06/2017	99.990	99.980	100.0	1
KU	C1S	2076621	02/2017	02/06/2017	99.990	100.000	100.0	1
KU	C1S	2076622	02/2017	02/06/2017	99.990	100.000	100.0	1
KU	C1S	2076623	02/2017	02/06/2017	100.010	99.970	100.0	1
KU	C1S	2076624	02/2017	02/06/2017	99.950	99.960	100.0	1
KU	C1S	2076625	02/2017	02/06/2017	100.030	99.980	100.0	1

KU	C1S	2076626	02/2017	02/06/2017	100.000	99.950	99.9	1
KU	C1S	2076627	02/2017	02/06/2017	99.990	99.950	99.9	1
KU	C1S	2076628	02/2017	02/06/2017	100.010	99.990	100.0	1
KU	C1S	2076629	02/2017	02/06/2017	99.980	99.970	100.0	1
KU	C1S	2076630	02/2017	02/06/2017	99.990	99.980	100.0	1
KU	C1S	2076631	02/2017	02/06/2017	99.990	99.990	99.9	1
KU	C1S	2076632	02/2017	02/06/2017	100.010	100.020	100.0	1
KU	C1S	2076633	02/2017	02/06/2017	100.000	100.040	100.0	1
KU	C1S	2076634	02/2017	02/06/2017	100.020	99.970	100.0	1
KU	C1S	2076635	02/2017	02/06/2017	100.010	99.990	100.0	1
KU	C1S	2076636	02/2017	02/06/2017	100.030	99.970	100.0	1
KU	C1S	2076637	02/2017	02/06/2017	100.020	99.980	100.0	1
KU	C1S	2076638	02/2017	02/06/2017	100.000	99.960	100.0	1
KU	C1S	2076639	02/2017	02/06/2017	100.000	100.000	100.0	1
KU	C1S	2076640	02/2017	02/06/2017	100.010	100.020	100.0	1
KU	C1S	2076641	02/2017	02/06/2017	100.020	100.010	100.0	1
KU	C1S	2076642	02/2017	02/06/2017	100.000	99.930	100.0	1
KU	C1S	2076643	02/2017	02/06/2017	100.000	99.990	100.0	1
KU	C1S	2076644	02/2017	02/06/2017	100.010	99.980	99.9	1
KU	C1S	2076645	02/2017	02/06/2017	100.010	99.930	100.0	1
KU	C1S	2076646	02/2017	02/06/2017	99.970	99.990	100.0	1
KU	C1S	2076647	02/2017	02/06/2017	99.990	99.990	100.0	1
KU	C1S	2076648	02/2017	02/06/2017	100.000	99.970	99.9	1
KU	C1S	2076649	02/2017	02/06/2017	99.980	99.940	99.9	1
KU	C1S	2076650	02/2017	02/06/2017	100.000	99.960	100.0	1
KU	C1S	2076651	02/2017	02/06/2017	100.010	99.970	100.0	1
KU	C1S	2076652	02/2017	02/06/2017	100.010	100.000	100.0	1
KU	C1S	2076653	02/2017	02/06/2017	99.980	99.980	100.0	1
KU	C1S	2076654	02/2017	02/06/2017	99.990	100.000	99.9	1
KU	C1S	2076655	02/2017	02/06/2017	100.010	100.000	100.0	1
KU	C1S	2076656	02/2017	02/06/2017	99.960	99.970	100.0	1
KU	C1S	2076657	02/2017	02/06/2017	100.020	99.950	99.9	1
KU	C1S	2076658	02/2017	02/06/2017	100.000	99.960	100.0	1
KU	C1S	2076659	02/2017	02/06/2017	100.010	100.030	100.0	1
KU	C1S	2076660	02/2017	02/06/2017	100.010	99.980	99.9	1
KU	C1S	2076661	02/2017	02/06/2017	100.010	99.950	99.9	1
KU	C1S	2076662	02/2017	02/06/2017	100.030	100.040	100.0	1
KU	C1S	2076663	02/2017	02/06/2017	99.990	99.970	100.0	1
KU	C1S	2076664	02/2017	02/06/2017	99.990	99.940	99.9	1
KU	C1S	2076665	02/2017	02/06/2017	100.010	99.980	100.0	1
KU	C1S	2076666	02/2017	02/06/2017	99.990	100.000	100.0	1
KU	C1S	2076667	02/2017	02/06/2017	99.980	100.010	100.0	1

KU	C1S	2076668	02/2017	02/06/2017	99.990	100.010	100.0	1
KU	C1S	2076669	02/2017	02/06/2017	100.010	99.980	100.0	1
KU	C1S	2076670	02/2017	02/06/2017	100.000	100.000	100.0	1
KU	C1S	2076671	02/2017	02/06/2017	100.000	100.010	100.0	1
KU	C1S	2076672	02/2017	02/06/2017	100.000	99.990	100.0	1
KU	C1S	2076673	02/2017	02/06/2017	99.970	100.000	100.0	1
KU	C1S	2076674	02/2017	02/06/2017	99.980	99.980	100.0	1
KU	C1S	2076675	02/2017	02/06/2017	99.980	99.980	100.0	1
KU	C1S	2076676	02/2017	02/06/2017	100.010	99.990	100.0	1
KU	C1S	2076677	02/2017	02/06/2017	100.000	100.010	100.0	1
KU	C1S	2076678	02/2017	02/06/2017	100.000	99.990	100.0	1
KU	C1S	2076679	02/2017	02/06/2017	100.000	100.020	100.0	1
KU	C1S	2076680	02/2017	02/06/2017	100.000	99.980	100.0	1
KU	C1S	2076681	02/2017	02/06/2017	100.000	99.980	100.0	1
KU	C1S	2076682	02/2017	02/06/2017	100.000	99.950	100.0	1
KU	C1S	2076683	02/2017	02/06/2017	99.980	100.010	100.0	1
KU	C1S	2076684	02/2017	02/06/2017	99.980	99.970	100.0	1
KU	C1S	2076685	02/2017	02/06/2017	100.000	100.010	100.0	1
KU	C1S	2076686	02/2017	02/06/2017	100.000	99.930	99.9	1
KU	C1S	2076687	02/2017	02/06/2017	99.990	100.000	100.0	1
KU	C1S	2076688	02/2017	02/06/2017	99.970	100.020	100.0	1
KU	C1S	2076689	02/2017	02/06/2017	100.040	99.990	100.0	1
KU	C1S	2076690	02/2017	02/06/2017	100.000	99.970	100.0	1
KU	C1S	2076691	02/2017	02/06/2017	100.010	100.000	100.0	1
KU	C1S	2076692	02/2017	02/06/2017	99.990	100.030	100.0	1
KU	C1S	2076693	02/2017	02/06/2017	100.010	100.030	100.0	1
KU	C1S	2076694	02/2017	02/06/2017	100.000	100.010	100.0	1
KU	C1S	2076695	02/2017	02/06/2017	100.000	99.930	99.9	1
KU	C1S	2076696	02/2017	02/06/2017	100.000	99.990	100.0	1
KU	C1S	2076697	02/2017	02/06/2017	100.040	100.010	100.0	1
KU	C1S	2076698	02/2017	02/06/2017	99.980	100.000	100.0	1
KU	C1S	2076699	02/2017	02/06/2017	100.020	100.000	100.0	1
KU	C1S	2076700	03/2017	03/08/2017	99.990	99.960	99.9	1
KU	C1S	2076701	03/2017	03/08/2017	100.000	99.940	99.9	1
KU	C1S	2076702	03/2017	03/08/2017	99.990	99.980	100.0	1
KU	C1S	2076703	03/2017	03/08/2017	100.010	99.950	100.0	1
KU	C1S	2076704	03/2017	03/08/2017	99.990	100.000	100.0	1
KU	C1S	2076705	03/2017	03/08/2017	100.020	99.960	99.9	1
KU	C1S	2076706	03/2017	03/08/2017	99.990	99.950	100.0	1
KU	C1S	2076707	03/2017	03/08/2017	99.960	99.960	100.0	1
KU	C1S	2076708	03/2017	03/08/2017	99.980	99.960	99.9	1
KU	C1S	2076709	03/2017	03/08/2017	100.010	99.970	99.9	1

KU	C1S	2076710	03/2017	03/08/2017	99.990	99.950	99.9	1
KU	C1S	2076711	03/2017	03/08/2017	100.000	99.920	99.9	1
KU	C1S	2076712	03/2017	03/08/2017	100.000	99.890	99.9	1
KU	C1S	2076713	03/2017	03/08/2017	100.000	99.940	99.9	1
KU	C1S	2076714	03/2017	03/08/2017	99.980	99.990	100.0	1
KU	C1S	2076715	03/2017	03/08/2017	99.980	99.950	99.9	1
KU	C1S	2076716	03/2017	03/08/2017	100.020	99.960	100.0	1
KU	C1S	2076717	03/2017	03/08/2017	100.020	99.960	99.9	1
KU	C1S	2076718	03/2017	03/08/2017	99.990	99.940	99.9	1
KU	C1S	2076719	03/2017	03/08/2017	99.990	99.980	100.0	1
KU	C1S	2076720	03/2017	03/08/2017	100.010	99.970	99.9	1
KU	C1S	2076721	03/2017	03/08/2017	100.000	99.960	100.0	1
KU	C1S	2076722	03/2017	03/08/2017	100.000	100.010	100.0	1
KU	C1S	2076723	03/2017	03/08/2017	99.980	99.960	99.9	1
KU	C1S	2076724	03/2017	03/08/2017	100.000	99.970	99.9	1
KU	C1S	2076725	03/2017	03/08/2017	100.010	99.940	99.9	1
KU	C1S	2076726	03/2017	03/08/2017	100.000	99.930	99.9	1
KU	C1S	2076727	03/2017	03/08/2017	99.980	99.960	99.9	1
KU	C1S	2076728	03/2017	03/08/2017	100.010	99.990	100.0	1
KU	C1S	2076729	03/2017	03/08/2017	100.010	99.960	100.0	1
KU	C1S	2076730	03/2017	03/08/2017	99.980	99.980	100.0	1
KU	C1S	2076731	03/2017	03/08/2017	99.960	99.960	100.0	1
KU	C1S	2076732	03/2017	03/08/2017	100.000	100.010	100.0	1
KU	C1S	2076733	03/2017	03/08/2017	99.970	99.990	100.0	1
KU	C1S	2076734	03/2017	03/08/2017	100.020	99.980	100.0	1
KU	C1S	2076735	03/2017	03/08/2017	99.990	99.970	100.0	1
KU	C1S	2076736	03/2017	03/08/2017	100.010	99.950	99.9	1
KU	C1S	2076737	03/2017	03/08/2017	100.030	99.950	100.0	1
KU	C1S	2076738	03/2017	03/08/2017	100.040	100.000	100.0	1
KU	C1S	2076739	03/2017	03/08/2017	99.990	99.970	99.9	1
KU	C1S	2076740	03/2017	03/08/2017	100.010	100.000	100.0	1
KU	C1S	2076741	03/2017	03/08/2017	99.980	99.950	99.9	1
KU	C1S	2076742	03/2017	03/08/2017	100.000	99.960	100.0	1
KU	C1S	2076743	03/2017	03/08/2017	100.000	99.960	100.0	1
KU	C1S	2076744	03/2017	03/08/2017	100.080	99.940	99.9	1
KU	C1S	2076745	03/2017	03/08/2017	99.990	99.950	100.0	1
KU	C1S	2076746	03/2017	03/08/2017	100.030	99.950	100.0	1
KU	C1S	2076747	03/2017	03/08/2017	99.990	99.980	99.9	1
KU	C1S	2076748	03/2017	03/08/2017	99.980	99.970	100.0	1
KU	C1S	2076749	03/2017	03/08/2017	100.010	99.970	100.0	1
KU	C1S	2076750	03/2017	03/08/2017	99.960	99.950	100.0	1
KU	C1S	2076751	03/2017	03/08/2017	99.980	99.920	99.9	1



KU	C1S	2076752	03/2017	03/08/2017	99.970	99.980	100.0	1
KU	C1S	2076753	03/2017	03/08/2017	100.020	99.930	99.9	1
KU	C1S	2076754	03/2017	03/08/2017	99.990	99.970	99.9	1
KU	C1S	2076755	03/2017	03/08/2017	100.020	99.990	100.0	1
KU	C1S	2076756	03/2017	03/08/2017	99.990	99.970	100.0	1
KU	C1S	2076757	03/2017	03/08/2017	100.020	100.000	100.0	1
KU	C1S	2076758	03/2017	03/08/2017	100.010	100.030	100.0	1
KU	C1S	2076759	03/2017	03/08/2017	99.990	99.950	100.0	1
KU	C1S	2076760	03/2017	03/08/2017	100.000	99.950	99.9	1
KU	C1S	2076761	03/2017	03/08/2017	99.990	99.970	100.0	1
KU	C1S	2076762	03/2017	03/08/2017	100.020	99.980	100.0	1
KU	C1S	2076763	03/2017	03/08/2017	99.980	99.950	99.9	1
KU	C1S	2076764	03/2017	03/08/2017	100.010	100.010	100.0	1
KU	C1S	2076765	03/2017	03/08/2017	100.000	99.920	99.9	1
KU	C1S	2076766	03/2017	03/08/2017	100.010	99.920	99.9	1
KU	C1S	2076767	03/2017	03/08/2017	100.020	99.930	99.9	1
KU	C1S	2076768	03/2017	03/08/2017	100.010	99.910	100.0	1
KU	C1S	2076769	03/2017	03/08/2017	100.030	99.890	99.9	1
KU	C1S	2076770	03/2017	03/08/2017	100.010	99.950	100.0	1
KU	C1S	2076771	03/2017	03/08/2017	100.000	99.880	99.9	1
KU	C1S	2076772	03/2017	03/08/2017	99.990	99.920	99.9	1
KU	C1S	2076773	03/2017	03/08/2017	99.990	99.980	100.0	1
KU	C1S	2076774	03/2017	03/08/2017	100.040	99.950	99.9	1
KU	C1S	2076775	03/2017	03/08/2017	100.030	99.970	99.9	1
KU	C1S	2076776	03/2017	03/08/2017	99.980	99.940	99.9	1
KU	C1S	2076777	03/2017	03/08/2017	100.010	99.950	100.0	1
KU	C1S	2076778	03/2017	03/08/2017	100.020	99.970	100.0	1
KU	C1S	2076779	03/2017	03/08/2017	99.980	99.940	99.9	1
KU	C1S	2076780	03/2017	03/08/2017	100.000	99.930	99.9	1
KU	C1S	2076781	03/2017	03/08/2017	100.040	99.930	100.0	1
KU	C1S	2076782	03/2017	03/08/2017	100.020	99.930	99.9	1
KU	C1S	2076783	03/2017	03/08/2017	99.970	99.960	100.0	1
KU	C1S	2076784	03/2017	03/08/2017	100.010	99.930	99.9	1
KU	C1S	2076785	03/2017	03/08/2017	99.980	99.920	100.0	1
KU	C1S	2076786	03/2017	03/08/2017	100.010	99.950	100.0	1
KU	C1S	2076787	03/2017	03/08/2017	100.020	99.930	100.0	1
KU	C1S	2076788	03/2017	03/08/2017	100.000	99.970	99.9	1
KU	C1S	2076789	03/2017	03/08/2017	100.000	99.930	99.9	1
KU	C1S	2076790	03/2017	03/08/2017	100.000	99.940	100.0	1
KU	C1S	2076791	03/2017	03/08/2017	99.990	99.880	99.9	1
KU	C1S	2076792	03/2017	03/08/2017	100.020	99.970	100.0	1
KU	C1S	2076793	03/2017	03/08/2017	100.020	99.960	100.0	1

KU	C1S	2076794	03/2017	03/08/2017	99.990	99.940	100.0	1
KU	C1S	2076795	03/2017	03/08/2017	99.990	99.950	99.9	1
KU	C1S	2076796	03/2017	03/08/2017	100.020	99.990	100.0	1
KU	C1S	2076797	03/2017	03/08/2017	99.990	99.990	100.0	1
KU	C1S	2076798	03/2017	03/08/2017	100.000	99.940	99.9	1
KU	C1S	2076799	03/2017	03/08/2017	100.020	99.960	100.0	1
KU	C1S	2076800	03/2017	03/08/2017	100.020	99.930	100.0	1
KU	C1S	2076801	03/2017	03/08/2017	100.020	99.940	100.0	1
KU	C1S	2076802	03/2017	03/08/2017	100.000	99.980	100.0	1
KU	C1S	2076803	03/2017	03/08/2017	99.980	99.930	99.9	1
KU	C1S	2076804	03/2017	03/08/2017	100.020	99.900	99.9	1
KU	C1S	2076805	03/2017	03/08/2017	99.960	99.930	100.0	1
KU	C1S	2076806	03/2017	03/08/2017	100.010	99.880	99.9	1
KU	C1S	2076807	03/2017	03/08/2017	99.990	99.950	100.0	1
KU	C1S	2076808	03/2017	03/08/2017	100.010	99.990	100.0	1
KU	C1S	2076809	03/2017	03/08/2017	99.970	99.970	99.9	1
KU	C1S	2076810	03/2017	03/08/2017	100.000	99.960	99.9	1
KU	C1S	2076811	03/2017	03/08/2017	100.010	99.950	100.0	1
KU	C1S	2076812	03/2017	03/08/2017	99.960	99.950	100.0	1
KU	C1S	2076813	03/2017	03/08/2017	99.990	100.000	99.9	1
KU	C1S	2076814	03/2017	03/08/2017	100.000	99.930	100.0	1
KU	C1S	2076815	03/2017	03/08/2017	99.970	99.940	100.0	1
KU	C1S	2076816	03/2017	03/08/2017	100.020	99.950	100.0	1
KU	C1S	2076817	03/2017	03/08/2017	99.990	99.990	100.0	1
KU	C1S	2076818	03/2017	03/08/2017	99.980	99.970	100.0	1
KU	C1S	2076819	03/2017	03/08/2017	100.000	99.970	100.0	1
KU	C1S	2076820	03/2017	03/08/2017	100.020	99.990	100.0	1
KU	C1S	2076821	03/2017	03/08/2017	100.000	99.960	99.9	1
KU	C1S	2076822	03/2017	03/08/2017	100.020	99.990	100.0	1
KU	C1S	2076823	03/2017	03/08/2017	100.030	99.970	100.0	1
KU	C1S	2076824	03/2017	03/08/2017	100.020	99.970	99.9	1
KU	C1S	2076825	03/2017	03/08/2017	99.980	99.970	100.0	1
KU	C1S	2076826	03/2017	03/08/2017	100.010	99.930	100.0	1
KU	C1S	2076827	03/2017	03/08/2017	100.010	99.970	99.9	1
KU	C1S	2076828	03/2017	03/08/2017	99.970	100.020	100.0	1
KU	C1S	2076829	03/2017	03/08/2017	100.000	99.970	100.0	1
KU	C1S	2076830	03/2017	03/08/2017	99.990	99.980	100.0	1
KU	C1S	2076831	03/2017	03/08/2017	100.050	99.930	100.0	1
KU	C1S	2076832	03/2017	03/08/2017	99.970	99.960	100.0	1
KU	C1S	2076833	03/2017	03/08/2017	100.000	99.970	99.9	1
KU	C1S	2076834	03/2017	03/08/2017	100.000	99.970	100.0	1
KU	C1S	2076835	03/2017	03/08/2017	100.000	99.950	99.9	1

KU	C1S	2076836	03/2017	03/08/2017	100.010	99.960	100.0	1
KU	C1S	2076837	03/2017	03/08/2017	100.000	99.970	100.0	1
KU	C1S	2076838	03/2017	03/08/2017	99.980	99.940	99.9	1
KU	C1S	2076839	03/2017	03/08/2017	99.990	99.960	99.9	1
KU	C1S	2076840	03/2017	03/08/2017	100.010	99.990	100.0	1
KU	C1S	2076841	03/2017	03/08/2017	99.980	99.980	100.0	1
KU	C1S	2076842	03/2017	03/08/2017	99.990	99.950	100.0	1
KU	C1S	2076843	03/2017	03/08/2017	100.010	99.970	100.0	1
KU	C1S	2076844	03/2017	03/08/2017	100.000	99.960	100.0	1
KU	C1S	2076845	03/2017	03/08/2017	100.000	99.990	100.0	1
KU	C1S	2076846	03/2017	03/08/2017	99.980	99.950	99.9	1
KU	C1S	2076847	03/2017	03/08/2017	100.020	99.970	100.0	1
KU	C1S	2076848	03/2017	03/08/2017	100.040	99.960	99.9	1
KU	C1S	2076849	03/2017	03/08/2017	100.010	99.960	99.9	1
KU	C1S	2076850	03/2017	03/08/2017	99.970	99.970	99.9	1
KU	C1S	2076851	03/2017	03/08/2017	100.020	99.980	99.9	1
KU	C1S	2076852	03/2017	03/08/2017	100.010	99.990	100.0	1
KU	C1S	2076853	03/2017	03/08/2017	100.000	99.930	99.9	1
KU	C1S	2076854	03/2017	03/08/2017	99.990	100.020	99.9	1
KU	C1S	2076855	03/2017	03/08/2017	100.030	99.960	99.9	1
KU	C1S	2076856	03/2017	03/08/2017	99.970	100.000	99.9	1
KU	C1S	2076857	03/2017	03/08/2017	100.020	100.000	100.0	1
KU	C1S	2076858	03/2017	03/08/2017	99.990	99.920	99.9	1
KU	C1S	2076859	03/2017	03/08/2017	100.010	99.960	100.0	1
KU	C1S	2076860	03/2017	03/08/2017	100.010	100.020	100.0	1
KU	C1S	2076861	03/2017	03/08/2017	100.010	99.960	99.9	1
KU	C1S	2076862	03/2017	03/08/2017	100.000	99.980	99.9	1
KU	C1S	2076863	03/2017	03/08/2017	100.010	99.970	100.0	1
KU	C1S	2076864	03/2017	03/08/2017	100.010	100.000	100.0	1
KU	C1S	2076865	03/2017	03/08/2017	100.030	99.960	99.9	1
KU	C1S	2076866	03/2017	03/08/2017	100.030	99.970	99.9	1
KU	C1S	2076867	03/2017	03/08/2017	100.030	99.950	100.0	1
KU	C1S	2076868	03/2017	03/08/2017	99.980	99.950	100.0	1
KU	C1S	2076869	03/2017	03/08/2017	100.000	99.950	99.9	1
KU	C1S	2076870	03/2017	03/08/2017	100.000	99.980	100.0	1
KU	C1S	2076871	03/2017	03/08/2017	99.990	99.980	100.0	1
KU	C1S	2076872	03/2017	03/08/2017	100.010	100.010	100.0	1
KU	C1S	2076873	03/2017	03/08/2017	100.010	100.010	100.0	1
KU	C1S	2076874	03/2017	03/08/2017	100.000	99.990	100.0	1
KU	C1S	2076875	03/2017	03/08/2017	100.010	99.970	99.9	1
KU	C1S	2076876	03/2017	03/08/2017	100.030	100.030	100.0	1
KU	C1S	2076877	03/2017	03/08/2017	100.000	100.030	100.0	1

KU	C1S	2076878	03/2017	03/08/2017	100.010	99.950	100.0	1
KU	C1S	2076879	03/2017	03/08/2017	100.020	99.960	99.9	1
KU	C1S	2076880	03/2017	03/08/2017	100.010	100.000	100.0	1
KU	C1S	2076881	03/2017	03/08/2017	99.970	100.000	99.9	1
KU	C1S	2076882	03/2017	03/08/2017	100.000	99.980	100.0	1
KU	C1S	2076883	03/2017	03/08/2017	99.990	99.960	99.9	1
KU	C1S	2076884	03/2017	03/08/2017	99.960	100.000	100.0	1
KU	C1S	2076885	03/2017	03/08/2017	100.000	99.950	100.0	1
KU	C1S	2076886	03/2017	03/08/2017	99.970	99.980	100.0	1
KU	C1S	2076887	03/2017	03/08/2017	100.020	99.980	100.0	1
KU	C1S	2076888	03/2017	03/08/2017	99.990	99.950	99.9	1
KU	C1S	2076889	03/2017	03/08/2017	99.990	99.960	99.9	1
KU	C1S	2076890	03/2017	03/08/2017	100.020	99.950	99.9	1
KU	C1S	2076891	03/2017	03/08/2017	99.980	99.960	100.0	1
KU	C1S	2076892	03/2017	03/08/2017	100.030	99.950	99.9	1
KU	C1S	2076893	03/2017	03/08/2017	99.990	99.960	99.9	1
KU	C1S	2076894	03/2017	03/08/2017	99.960	99.930	99.9	1
KU	C1S	2076895	03/2017	03/08/2017	99.970	99.990	100.0	1
KU	C1S	2076896	03/2017	03/08/2017	99.980	100.000	99.9	1
KU	C1S	2076897	03/2017	03/08/2017	100.020	99.980	100.0	1
KU	C1S	2076898	03/2017	03/08/2017	100.010	99.950	99.9	1
KU	C1S	2076899	03/2017	03/08/2017	100.010	99.950	99.9	1
KU	C1S	2076900	03/2017	03/08/2017	99.990	99.960	100.0	1
KU	C1S	2076901	03/2017	03/08/2017	100.010	99.940	99.9	1
KU	C1S	2076902	03/2017	03/08/2017	100.010	99.960	99.9	1
KU	C1S	2076903	03/2017	03/08/2017	99.980	99.940	99.9	1
KU	C1S	2076904	03/2017	03/08/2017	100.000	99.940	100.0	1
KU	C1S	2076905	03/2017	03/08/2017	99.980	100.000	100.0	1
KU	C1S	2076906	03/2017	03/08/2017	99.980	99.970	100.0	1
KU	C1S	2076907	03/2017	03/08/2017	100.010	99.960	99.9	1
KU	C1S	2076908	03/2017	03/08/2017	99.990	99.930	99.9	1
KU	C1S	2076909	03/2017	03/08/2017	100.000	99.970	99.9	1
KU	C1S	2076910	03/2017	03/08/2017	99.960	100.010	100.0	1
KU	C1S	2076911	03/2017	03/08/2017	100.010	99.940	99.9	1
KU	C1S	2076912	03/2017	03/08/2017	99.970	99.960	99.9	1
KU	C1S	2076913	03/2017	03/08/2017	99.970	99.930	99.9	1
KU	C1S	2076914	03/2017	03/08/2017	100.000	99.960	100.0	1
KU	C1S	2076915	03/2017	03/08/2017	100.000	100.020	99.9	1
KU	C1S	2076916	03/2017	03/08/2017	99.990	99.940	99.9	1
KU	C1S	2076917	03/2017	03/08/2017	99.960	99.940	99.9	1
KU	C1S	2076918	03/2017	03/08/2017	99.990	99.990	100.0	1
KU	C1S	2076919	03/2017	03/08/2017	99.990	99.980	99.9	1

KU	C1S	2076920	03/2017	03/08/2017	99.980	99.960	99.9	1
KU	C1S	2076921	03/2017	03/08/2017	100.030	99.940	100.0	1
KU	C1S	2076922	03/2017	03/08/2017	99.970	99.940	99.9	1
KU	C1S	2076923	03/2017	03/08/2017	99.980	99.980	99.9	1
KU	C1S	2076924	03/2017	03/08/2017	100.020	99.970	99.9	1
KU	C1S	2076925	03/2017	03/08/2017	100.020	99.990	100.0	1
KU	C1S	2076926	03/2017	03/08/2017	100.010	99.940	99.9	1
KU	C1S	2076927	03/2017	03/08/2017	100.000	99.990	99.9	1
KU	C1S	2076928	03/2017	03/08/2017	100.010	99.920	99.9	1
KU	C1S	2076929	03/2017	03/08/2017	100.010	99.970	99.9	1
KU	C1S	2076930	03/2017	03/08/2017	99.970	99.960	99.9	1
KU	C1S	2076931	03/2017	03/08/2017	99.980	99.980	100.0	1
KU	C1S	2076932	03/2017	03/08/2017	100.030	99.940	99.9	1
KU	C1S	2076933	03/2017	03/08/2017	100.030	99.930	99.9	1
KU	C1S	2076934	03/2017	03/08/2017	99.990	99.980	99.9	1
KU	C1S	2076935	03/2017	03/08/2017	100.000	99.990	99.9	1
KU	C1S	2076936	03/2017	03/08/2017	99.990	99.990	100.0	1
KU	C1S	2076937	03/2017	03/08/2017	100.000	99.980	100.0	1
KU	C1S	2076938	03/2017	03/08/2017	100.010	99.930	99.9	1
KU	C1S	2076939	03/2017	03/08/2017	100.000	99.960	99.9	1
KU	C1S	2076940	03/2017	03/08/2017	100.020	99.960	99.9	1
KU	C1S	2076941	03/2017	03/08/2017	100.030	99.950	99.9	1
KU	C1S	2076942	03/2017	03/08/2017	100.010	100.010	99.9	1
KU	C1S	2076943	03/2017	03/08/2017	100.030	99.980	99.9	1
KU	C1S	2076944	03/2017	03/08/2017	100.000	99.960	99.9	1
KU	C1S	2076945	03/2017	03/08/2017	100.020	99.980	99.9	1
KU	C1S	2076946	03/2017	03/08/2017	99.990	99.980	99.9	1
KU	C1S	2076947	03/2017	03/08/2017	100.010	99.960	99.9	1
KU	C1S	2076948	03/2017	03/08/2017	99.990	99.960	100.0	1
KU	C1S	2076949	03/2017	03/08/2017	99.970	99.970	99.9	1
KU	C1S	2076950	03/2017	03/08/2017	100.030	99.950	99.9	1
KU	C1S	2076951	03/2017	03/08/2017	99.990	99.990	100.0	1
KU	C1S	2076952	03/2017	03/08/2017	100.000	99.950	99.9	1
KU	C1S	2076953	03/2017	03/08/2017	100.000	99.980	99.9	1
KU	C1S	2076954	03/2017	03/08/2017	99.990	99.980	100.0	1
KU	C1S	2076955	03/2017	03/08/2017	100.000	99.980	100.0	1
KU	C1S	2076956	03/2017	03/08/2017	100.010	99.930	99.9	1
KU	C1S	2076957	03/2017	03/08/2017	99.990	99.940	100.0	1
KU	C1S	2076958	03/2017	03/08/2017	99.990	99.950	100.0	1
KU	C1S	2076959	03/2017	03/08/2017	99.970	99.940	100.0	1
KU	C1S	2076960	03/2017	03/08/2017	100.000	99.940	100.0	1
KU	C1S	2076961	03/2017	03/08/2017	99.990	99.970	100.0	1

KU	C1S	2076962	03/2017	03/08/2017	99.990	99.990	99.9	1
KU	C1S	2076963	03/2017	03/08/2017	99.980	99.940	99.9	1
KU	C1S	2076964	03/2017	03/08/2017	100.020	99.930	100.0	1
KU	C1S	2076965	03/2017	03/08/2017	99.980	99.950	99.9	1
KU	C1S	2076966	03/2017	03/08/2017	100.000	99.920	100.0	1
KU	C1S	2076967	03/2017	03/08/2017	100.000	99.960	99.9	1
KU	C1S	2076968	03/2017	03/08/2017	100.020	99.960	100.0	1
KU	C1S	2076969	03/2017	03/08/2017	100.000	99.960	99.9	1
KU	C1S	2076970	03/2017	03/08/2017	100.010	99.980	99.9	1
KU	C1S	2076971	03/2017	03/08/2017	99.980	99.980	100.0	1
KU	C1S	2076972	03/2017	03/08/2017	100.000	99.960	100.0	1
KU	C1S	2076973	03/2017	03/08/2017	100.000	99.940	99.9	1
KU	C1S	2076974	03/2017	03/08/2017	100.000	99.970	100.0	1
KU	C1S	2076975	03/2017	03/08/2017	100.020	99.930	99.9	1
KU	C1S	2076976	03/2017	03/08/2017	100.000	99.960	99.9	1
KU	C1S	2076977	03/2017	03/08/2017	100.010	99.980	99.9	1
KU	C1S	2076978	03/2017	03/08/2017	100.020	99.930	99.9	1
KU	C1S	2076979	03/2017	03/08/2017	100.020	99.970	100.0	1
KU	C1S	2076980	03/2017	03/08/2017	99.990	99.980	99.9	1
KU	C1S	2076981	03/2017	03/08/2017	100.000	99.970	99.9	1
KU	C1S	2076982	03/2017	03/08/2017	99.970	99.940	99.9	1
KU	C1S	2076983	03/2017	03/08/2017	100.020	99.980	100.0	1
KU	C1S	2076984	03/2017	03/08/2017	99.980	99.960	99.9	1
KU	C1S	2076985	03/2017	03/08/2017	100.000	99.960	99.9	1
KU	C1S	2076986	03/2017	03/08/2017	100.030	99.940	99.9	1
KU	C1S	2076987	03/2017	03/08/2017	100.010	100.010	100.0	1
KU	C1S	2076988	03/2017	03/08/2017	100.010	99.980	100.0	1
KU	C1S	2076989	03/2017	03/08/2017	100.020	99.940	99.9	1
KU	C1S	2076990	03/2017	03/08/2017	100.010	99.970	99.9	1
KU	C1S	2076991	03/2017	03/08/2017	100.020	99.940	99.9	1
KU	C1S	2076992	03/2017	03/08/2017	99.960	99.950	99.9	1
KU	C1S	2076993	03/2017	03/08/2017	100.010	99.960	100.0	1
KU	C1S	2076994	03/2017	03/08/2017	100.020	99.990	99.9	1
KU	C1S	2076995	03/2017	03/08/2017	100.000	99.960	99.9	1
KU	C1S	2076996	03/2017	03/08/2017	100.050	99.950	99.9	1
KU	C1S	2076997	03/2017	03/08/2017	100.000	100.010	100.0	1
KU	C1S	2076998	03/2017	03/08/2017	100.020	99.990	100.0	1
KU	C1S	2076999	03/2017	03/08/2017	100.010	99.970	100.0	1
KU	C1S	2077000	03/2017	03/08/2017	100.020	99.970	99.9	1
KU	C1S	2077001	03/2017	03/08/2017	100.030	99.940	99.9	1
KU	C1S	2077002	03/2017	03/08/2017	100.010	99.970	99.9	1
KU	C1S	2077003	03/2017	03/08/2017	99.980	99.960	99.9	1

KU	C1S	2077004	03/2017	03/08/2017	100.000	99.930	99.9	1
KU	C1S	2077005	03/2017	03/08/2017	99.960	99.950	100.0	1
KU	C1S	2077006	03/2017	03/08/2017	100.010	99.980	99.9	1
KU	C1S	2077007	03/2017	03/08/2017	99.990	99.950	99.9	1
KU	C1S	2077008	03/2017	03/08/2017	100.000	99.960	99.9	1
KU	C1S	2077009	03/2017	03/08/2017	100.070	99.960	100.0	1
KU	C1S	2077010	03/2017	03/08/2017	99.970	100.000	99.9	1
KU	C1S	2077011	03/2017	03/08/2017	99.990	99.990	100.0	1
KU	C1S	2077012	03/2017	03/08/2017	100.010	99.920	99.9	1
KU	C1S	2077013	03/2017	03/08/2017	100.020	99.970	100.0	1
KU	C1S	2077014	03/2017	03/08/2017	99.990	99.930	99.9	1
KU	C1S	2077015	03/2017	03/08/2017	99.980	99.940	99.9	1
KU	C1S	2077016	03/2017	03/08/2017	100.000	99.990	100.0	1
KU	C1S	2077017	03/2017	03/08/2017	99.980	99.960	100.0	1
KU	C1S	2077018	03/2017	03/08/2017	100.020	99.920	99.9	1
KU	C1S	2077019	03/2017	03/08/2017	99.990	99.960	99.9	1
KU	C1S	2077020	03/2017	03/08/2017	100.010	99.920	99.9	1
KU	C1S	2077021	03/2017	03/08/2017	100.000	99.940	99.9	1
KU	C1S	2077022	03/2017	03/08/2017	100.000	99.950	99.9	1
KU	C1S	2077023	03/2017	03/08/2017	100.000	99.970	100.0	1
KU	C1S	2077024	03/2017	03/08/2017	99.990	99.970	100.0	1
KU	C1S	2077025	03/2017	03/08/2017	100.030	99.940	100.0	1
KU	C1S	2077026	03/2017	03/08/2017	99.980	99.960	100.0	1
KU	C1S	2077027	03/2017	03/08/2017	99.980	99.960	100.0	1
KU	C1S	2077028	03/2017	03/08/2017	99.950	99.970	99.9	1
KU	C1S	2077029	03/2017	03/08/2017	99.980	99.970	99.9	1
KU	C1S	2077030	03/2017	03/08/2017	100.020	99.970	99.9	1
KU	C1S	2077031	03/2017	03/08/2017	99.980	99.970	100.0	1
KU	C1S	2077032	03/2017	03/08/2017	99.980	99.970	100.0	1
KU	C1S	2077033	03/2017	03/08/2017	100.000	99.990	100.0	1
KU	C1S	2077034	03/2017	03/08/2017	100.000	99.970	100.0	1
KU	C1S	2077035	03/2017	03/08/2017	99.990	99.990	100.0	1
KU	C1S	2077036	03/2017	03/08/2017	99.950	100.000	100.0	1
KU	C1S	2077037	03/2017	03/08/2017	100.010	100.040	100.0	1
KU	C1S	2077038	03/2017	03/08/2017	100.010	100.080	100.0	1
KU	C1S	2077039	03/2017	03/08/2017	100.010	100.030	100.0	1
KU	C1S	2077040	03/2017	03/08/2017	100.000	100.010	100.0	1
KU	C1S	2077041	03/2017	03/08/2017	99.990	100.050	100.0	1
KU	C1S	2077042	03/2017	03/08/2017	99.980	99.990	100.0	1
KU	C1S	2077043	03/2017	03/08/2017	100.050	100.050	100.0	1
KU	C1S	2077044	03/2017	03/08/2017	100.000	100.010	100.0	1
KU	C1S	2077045	03/2017	03/08/2017	100.020	99.880	99.9	1

KU	C1S	2077046	03/2017	03/08/2017	100.010	100.010	100.1	1
KU	C1S	2077047	03/2017	03/08/2017	100.030	100.010	100.0	1
KU	C1S	2077048	03/2017	03/08/2017	99.960	100.030	100.0	1
KU	C1S	2077049	03/2017	03/08/2017	100.000	100.050	100.0	1
KU	C1S	2077050	03/2017	03/08/2017	100.020	99.980	99.9	1
KU	C1S	2077051	03/2017	03/08/2017	100.020	99.980	100.0	1
KU	C1S	2077052	03/2017	03/08/2017	99.980	99.990	100.0	1
KU	C1S	2077053	03/2017	03/08/2017	99.970	99.950	100.0	1
KU	C1S	2077054	03/2017	03/08/2017	100.010	100.030	100.0	1
KU	C1S	2077055	03/2017	03/08/2017	99.980	100.040	100.0	1
KU	C1S	2077056	03/2017	03/08/2017	100.010	99.990	100.0	1
KU	C1S	2077057	03/2017	03/08/2017	99.970	100.020	100.0	1
KU	C1S	2077058	03/2017	03/08/2017	99.980	100.000	100.0	1
KU	C1S	2077059	03/2017	03/08/2017	99.970	100.010	100.0	1
KU	C1S	2077060	03/2017	03/08/2017	100.000	100.030	100.0	1
KU	C1S	2077061	03/2017	03/08/2017	100.010	100.010	100.0	1
KU	C1S	2077062	03/2017	03/08/2017	100.020	99.990	100.0	1
KU	C1S	2077063	03/2017	03/08/2017	100.010	99.990	100.0	1
KU	C1S	2077064	03/2017	03/08/2017	100.030	100.010	100.0	1
KU	C1S	2077065	03/2017	03/08/2017	100.000	100.020	100.0	1
KU	C1S	2077066	03/2017	03/08/2017	100.010	99.960	100.0	1
KU	C1S	2077067	03/2017	03/08/2017	100.010	99.970	99.9	1
KU	C1S	2077068	03/2017	03/08/2017	100.040	99.870	99.9	1
KU	C1S	2077069	03/2017	03/08/2017	99.990	99.970	100.0	1
KU	C1S	2077070	03/2017	03/08/2017	99.990	100.010	100.0	1
KU	C1S	2077071	03/2017	03/08/2017	100.040	99.970	100.1	1
KU	C1S	2077072	03/2017	03/08/2017	99.980	99.910	99.9	1
KU	C1S	2077073	03/2017	03/08/2017	100.000	100.040	100.0	1
KU	C1S	2077074	03/2017	03/08/2017	99.980	99.990	99.9	1
KU	C1S	2077075	03/2017	03/08/2017	100.000	99.950	99.9	1
KU	C1S	2077076	03/2017	03/08/2017	100.000	100.040	100.0	1
KU	C1S	2077077	03/2017	03/08/2017	99.980	100.050	100.0	1
KU	C1S	2077078	03/2017	03/08/2017	99.990	100.020	100.0	1
KU	C1S	2077079	03/2017	03/08/2017	100.020	99.990	99.9	1
KU	C1S	2077080	03/2017	03/08/2017	99.970	100.040	100.0	1
KU	C1S	2077081	03/2017	03/08/2017	100.000	100.030	100.0	1
KU	C1S	2077082	03/2017	03/08/2017	100.020	100.030	100.0	1
KU	C1S	2077083	03/2017	03/08/2017	99.980	99.970	99.9	1
KU	C1S	2077084	03/2017	03/08/2017	100.030	100.010	100.0	1
KU	C1S	2077085	03/2017	03/08/2017	100.010	99.990	99.9	1
KU	C1S	2077086	03/2017	03/08/2017	99.970	100.000	100.0	1
KU	C1S	2077087	03/2017	03/08/2017	100.020	100.040	100.0	1



KU	C1S	2077088	03/2017	03/08/2017	100.000	99.970	100.0	1
KU	C1S	2077089	03/2017	03/08/2017	100.020	100.030	100.0	1
KU	C1S	2077090	03/2017	03/08/2017	100.010	100.020	100.0	1
KU	C1S	2077091	03/2017	03/08/2017	100.020	100.000	100.0	1
KU	C1S	2077092	03/2017	03/08/2017	99.990	100.020	100.0	1
KU	C1S	2077093	03/2017	03/08/2017	99.990	99.950	100.0	1
KU	C1S	2077094	03/2017	03/08/2017	99.960	100.050	100.1	1
KU	C1S	2077095	03/2017	03/08/2017	99.970	100.030	100.0	1
KU	C1S	2077096	03/2017	03/08/2017	99.990	100.030	100.0	1
KU	C1S	2077097	03/2017	03/08/2017	100.020	100.020	100.0	1
KU	C1S	2077098	03/2017	03/08/2017	100.000	100.010	100.0	1
KU	C1S	2077099	03/2017	03/08/2017	99.980	99.970	99.9	1
KU	C1S	2077100	03/2017	03/08/2017	100.030	100.040	100.0	1
KU	C1S	2077101	03/2017	03/08/2017	100.010	100.050	100.0	1
KU	C1S	2077102	03/2017	03/08/2017	99.980	99.970	100.0	1
KU	C1S	2077103	03/2017	03/08/2017	99.970	100.000	100.0	1
KU	C1S	2077104	03/2017	03/08/2017	100.010	100.000	100.0	1
KU	C1S	2077105	03/2017	03/08/2017	100.030	99.990	100.0	1
KU	C1S	2077106	03/2017	03/08/2017	100.020	100.020	100.0	1
KU	C1S	2077107	03/2017	03/08/2017	99.970	100.010	100.0	1
KU	C1S	2077108	03/2017	03/08/2017	99.970	99.980	100.0	1
KU	C1S	2077109	03/2017	03/08/2017	100.000	100.040	100.0	1
KU	C1S	2077110	03/2017	03/08/2017	100.000	100.020	100.0	1
KU	C1S	2077111	03/2017	03/08/2017	100.020	100.030	100.0	1
KU	C1S	2077112	03/2017	03/08/2017	99.990	100.020	100.0	1
KU	C1S	2077113	03/2017	03/08/2017	100.030	100.010	100.0	1
KU	C1S	2077114	03/2017	03/08/2017	99.980	99.980	100.0	1
KU	C1S	2077115	03/2017	03/08/2017	100.030	99.940	100.0	1
KU	C1S	2077116	03/2017	03/08/2017	100.020	99.980	100.0	1
KU	C1S	2077117	03/2017	03/08/2017	99.980	100.070	100.0	1
KU	C1S	2077118	03/2017	03/08/2017	100.000	100.000	100.0	1
KU	C1S	2077119	03/2017	03/08/2017	100.010	100.010	100.0	1
KU	C1S	2077120	03/2017	03/08/2017	99.970	99.960	100.0	1
KU	C1S	2077121	03/2017	03/08/2017	100.010	99.970	100.0	1
KU	C1S	2077122	03/2017	03/08/2017	100.030	100.010	100.0	1
KU	C1S	2077123	03/2017	03/08/2017	99.980	99.980	100.0	1
KU	C1S	2077124	03/2017	03/08/2017	99.980	99.920	100.0	1
KU	C1S	2077125	03/2017	03/08/2017	99.990	100.020	100.0	1
KU	C1S	2077126	03/2017	03/08/2017	100.000	99.990	100.0	1
KU	C1S	2077127	03/2017	03/08/2017	100.000	99.940	100.0	1
KU	C1S	2077128	03/2017	03/08/2017	99.970	100.020	100.0	1
KU	C1S	2077129	03/2017	03/08/2017	99.990	99.980	100.0	1

KU	C1S	2077130	03/2017	03/08/2017	100.040	99.990	100.0	1
KU	C1S	2077131	03/2017	03/08/2017	99.950	100.010	100.0	1
KU	C1S	2077132	03/2017	03/08/2017	100.000	100.000	100.0	1
KU	C1S	2077133	03/2017	03/08/2017	100.000	99.990	100.0	1
KU	C1S	2077134	03/2017	03/08/2017	100.000	100.040	100.0	1
KU	C1S	2077135	03/2017	03/08/2017	100.000	100.010	100.0	1
KU	C1S	2077136	03/2017	03/08/2017	100.000	100.010	100.0	1
KU	C1S	2077137	03/2017	03/08/2017	99.960	100.000	100.0	1
KU	C1S	2077138	03/2017	03/08/2017	99.980	99.980	100.0	1
KU	C1S	2077139	03/2017	03/08/2017	99.970	99.970	100.0	1
KU	C1S	2077140	03/2017	03/08/2017	100.000	100.020	100.0	1
KU	C1S	2077141	03/2017	03/08/2017	99.960	99.940	100.0	1
KU	C1S	2077142	03/2017	03/08/2017	99.980	99.960	100.0	1
KU	C1S	2077143	03/2017	03/08/2017	100.040	100.000	100.0	1
KU	C1S	2077144	03/2017	03/08/2017	100.020	99.980	99.9	1
KU	C1S	2077145	03/2017	03/08/2017	100.010	99.980	100.0	1
KU	C1S	2077146	03/2017	03/08/2017	99.990	100.020	100.0	1
KU	C1S	2077147	03/2017	03/08/2017	100.020	99.890	99.9	1
KU	C1S	2077148	03/2017	03/08/2017	99.990	99.940	99.9	1
KU	C1S	2077149	03/2017	03/08/2017	100.010	100.000	100.0	1
KU	C1S	2077150	03/2017	03/08/2017	99.970	100.000	100.0	1
KU	C1S	2077151	03/2017	03/08/2017	100.020	99.940	100.0	1
KU	C1S	2077152	03/2017	03/08/2017	100.000	99.940	100.0	1
KU	C1S	2077153	03/2017	03/08/2017	100.000	100.000	100.0	1
KU	C1S	2077154	03/2017	03/08/2017	99.970	99.970	99.9	1
KU	C1S	2077155	03/2017	03/08/2017	100.010	100.010	100.0	1
KU	C1S	2077156	03/2017	03/08/2017	100.010	100.000	100.0	1
KU	C1S	2077157	03/2017	03/08/2017	99.970	99.980	100.0	1
KU	C1S	2077158	03/2017	03/08/2017	100.000	100.000	99.9	1
KU	C1S	2077159	03/2017	03/08/2017	100.020	99.980	100.0	1
KU	C1S	2077160	03/2017	03/08/2017	99.990	100.000	99.9	1
KU	C1S	2077161	03/2017	03/08/2017	99.980	99.960	100.0	1
KU	C1S	2077162	03/2017	03/08/2017	99.990	99.980	100.0	1
KU	C1S	2077163	03/2017	03/08/2017	99.990	99.960	100.0	1
KU	C1S	2077164	03/2017	03/08/2017	100.010	100.020	100.0	1
KU	C1S	2077165	03/2017	03/08/2017	99.980	100.020	100.0	1
KU	C1S	2077166	03/2017	03/08/2017	100.020	99.940	99.9	1
KU	C1S	2077167	03/2017	03/08/2017	100.020	99.980	99.9	1
KU	C1S	2077168	03/2017	03/08/2017	100.000	99.950	99.9	1
KU	C1S	2077169	03/2017	03/08/2017	99.990	99.980	100.0	1
KU	C1S	2077170	03/2017	03/08/2017	99.990	100.010	100.0	1
KU	C1S	2077171	03/2017	03/08/2017	99.990	100.020	100.0	1

KU	C1S	2077172	03/2017	03/08/2017	99.980	100.000	100.0	1
KU	C1S	2077173	03/2017	03/08/2017	100.030	99.980	100.0	1
KU	C1S	2077174	03/2017	03/08/2017	100.020	100.010	100.0	1
KU	C1S	2077175	03/2017	03/08/2017	100.010	100.030	100.0	1
KU	C1S	2077176	03/2017	03/08/2017	99.980	99.990	100.0	1
KU	C1S	2077177	03/2017	03/08/2017	99.990	100.010	100.0	1
KU	C1S	2077178	03/2017	03/08/2017	100.030	99.910	99.9	1
KU	C1S	2077179	03/2017	03/08/2017	99.980	100.010	100.0	1
KU	C1S	2077540	08/2017	08/04/2017	99.990	99.960	100.0	1
KU	C1S	2077541	08/2017	08/04/2017	99.990	99.950	100.0	1
KU	C1S	2077542	08/2017	08/04/2017	100.010	99.980	100.0	1
KU	C1S	2077543	08/2017	08/04/2017	99.990	99.970	100.0	1
KU	C1S	2077544	08/2017	08/04/2017	99.980	99.990	100.0	1
KU	C1S	2077545	08/2017	08/04/2017	99.990	99.950	100.0	1
KU	C1S	2077546	08/2017	08/04/2017	100.000	100.000	100.1	1
KU	C1S	2077547	08/2017	08/04/2017	99.990	99.980	100.0	1
KU	C1S	2077548	08/2017	08/04/2017	99.990	100.020	100.1	1
KU	C1S	2077549	08/2017	08/04/2017	99.990	99.990	100.1	1
KU	C1S	2077550	08/2017	08/04/2017	100.000	99.990	100.1	1
KU	C1S	2077551	08/2017	08/04/2017	99.990	99.970	100.0	1
KU	C1S	2077552	08/2017	08/04/2017	100.010	99.960	100.0	1
KU	C1S	2077553	08/2017	08/04/2017	99.980	99.940	100.0	1
KU	C1S	2077554	08/2017	08/04/2017	99.990	99.990	100.1	1
KU	C1S	2077555	08/2017	08/04/2017	99.990	99.950	100.0	1
KU	C1S	2077556	08/2017	08/04/2017	99.990	99.930	100.0	1
KU	C1S	2077557	08/2017	08/04/2017	99.990	99.950	100.0	1
KU	C1S	2077558	08/2017	08/04/2017	99.990	100.010	100.0	1
KU	C1S	2077559	08/2017	08/04/2017	99.990	100.010	100.1	1
KU	C1S	2077560	08/2017	08/04/2017	100.000	99.970	100.0	1
KU	C1S	2077561	08/2017	08/04/2017	99.990	99.930	100.0	1
KU	C1S	2077562	08/2017	08/04/2017	99.990	99.960	100.0	1
KU	C1S	2077563	08/2017	08/04/2017	100.000	99.970	100.0	1
KU	C1S	2077564	08/2017	08/04/2017	100.000	99.940	100.0	1
KU	C1S	2077565	08/2017	08/04/2017	100.000	99.950	100.0	1
KU	C1S	2077566	08/2017	08/04/2017	100.000	99.960	100.0	1
KU	C1S	2077567	08/2017	08/04/2017	100.010	99.970	100.0	1
KU	C1S	2077568	08/2017	08/04/2017	100.000	99.970	100.0	1
KU	C1S	2077569	08/2017	08/04/2017	100.000	99.930	100.0	1
KU	C1S	2077570	08/2017	08/04/2017	99.990	99.930	100.0	1
KU	C1S	2077571	08/2017	08/04/2017	99.990	99.930	100.0	1
KU	C1S	2077572	08/2017	08/04/2017	100.000	99.940	100.0	1
KU	C1S	2077573	08/2017	08/04/2017	99.990	99.960	100.0	1

KU	C1S	2077574	08/2017	08/04/2017	99.990	99.950	100.0	1
KU	C1S	2077575	08/2017	08/04/2017	99.990	99.960	100.0	1
KU	C1S	2077576	08/2017	08/04/2017	100.000	99.950	100.0	1
KU	C1S	2077577	08/2017	08/04/2017	100.000	99.950	100.0	1
KU	C1S	2077578	08/2017	08/04/2017	99.990	99.950	100.0	1
KU	C1S	2077579	08/2017	08/04/2017	99.990	99.960	100.0	1
KU	C1S	2077580	08/2017	08/04/2017	100.000	99.960	100.0	1
KU	C1S	2077581	08/2017	08/04/2017	100.000	99.970	100.0	1
KU	C1S	2077582	08/2017	08/04/2017	100.000	99.980	100.0	1
KU	C1S	2077583	08/2017	08/04/2017	99.990	99.970	100.0	1
KU	C1S	2077584	08/2017	08/04/2017	100.000	99.950	100.0	1
KU	C1S	2077585	08/2017	08/04/2017	99.990	99.940	100.0	1
KU	C1S	2077586	08/2017	08/04/2017	99.990	99.980	100.0	1
KU	C1S	2077587	08/2017	08/04/2017	99.990	99.960	100.0	1
KU	C1S	2077588	08/2017	08/04/2017	99.990	100.010	100.1	1
KU	C1S	2077589	08/2017	08/04/2017	100.000	99.910	100.0	1
KU	C1S	2077590	08/2017	08/04/2017	99.990	99.950	100.0	1
KU	C1S	2077591	08/2017	08/04/2017	99.990	99.950	100.0	1
KU	C1S	2077592	08/2017	08/04/2017	99.990	99.960	100.0	1
KU	C1S	2077593	08/2017	08/04/2017	100.000	99.960	100.0	1
KU	C1S	2077594	08/2017	08/04/2017	99.990	99.960	100.0	1
KU	C1S	2077595	08/2017	08/04/2017	99.990	99.970	100.0	1
KU	C1S	2077596	08/2017	08/04/2017	99.990	99.970	100.0	1
KU	C1S	2077597	08/2017	08/04/2017	99.990	99.910	100.0	1
KU	C1S	2077598	08/2017	08/04/2017	100.000	99.960	100.0	1
KU	C1S	2077599	08/2017	08/04/2017	100.000	99.920	100.0	1
KU	C1S	2077600	08/2017	08/04/2017	99.990	99.960	100.0	1
KU	C1S	2077601	08/2017	08/04/2017	99.990	99.930	100.0	1
KU	C1S	2077602	08/2017	08/04/2017	100.000	99.940	100.0	1
KU	C1S	2077603	08/2017	08/04/2017	99.990	99.960	100.0	1
KU	C1S	2077604	08/2017	08/04/2017	99.990	99.930	100.0	1
KU	C1S	2077605	08/2017	08/04/2017	100.000	99.950	100.0	1
KU	C1S	2077606	08/2017	08/04/2017	99.990	99.930	100.0	1
KU	C1S	2077607	08/2017	08/04/2017	100.000	99.970	100.0	1
KU	C1S	2077608	08/2017	08/04/2017	100.000	99.960	100.0	1
KU	C1S	2077609	08/2017	08/04/2017	99.990	99.950	100.0	1
KU	C1S	2077610	08/2017	08/04/2017	99.990	99.920	100.0	1
KU	C1S	2077611	08/2017	08/04/2017	99.990	99.950	100.0	1
KU	C1S	2077612	08/2017	08/04/2017	99.990	99.970	100.0	1
KU	C1S	2077613	08/2017	08/04/2017	100.000	99.950	100.0	1
KU	C1S	2077614	08/2017	08/04/2017	99.990	99.960	100.0	1
KU	C1S	2077615	08/2017	08/04/2017	100.000	100.010	100.0	1

KU	C1S	2077616	08/2017	08/04/2017	99.990	99.930	100.0	1
KU	C1S	2077617	08/2017	08/04/2017	100.000	99.960	100.0	1
KU	C1S	2077618	08/2017	08/04/2017	99.990	99.960	100.0	1
KU	C1S	2077619	08/2017	08/04/2017	100.000	99.950	100.0	1
KU	C1S	2077620	08/2017	08/04/2017	100.000	99.990	100.1	1
KU	C1S	2077621	08/2017	08/04/2017	100.000	99.920	100.0	1
KU	C1S	2077622	08/2017	08/04/2017	100.000	99.950	100.0	1
KU	C1S	2077623	08/2017	08/04/2017	100.000	99.990	100.1	1
KU	C1S	2077624	08/2017	08/04/2017	100.000	99.980	100.1	1
KU	C1S	2077625	08/2017	08/04/2017	99.990	99.980	100.0	1
KU	C1S	2077626	08/2017	08/04/2017	99.990	99.950	100.0	1
KU	C1S	2077627	08/2017	08/04/2017	100.000	99.990	100.0	1
KU	C1S	2077628	08/2017	08/04/2017	100.000	99.990	100.1	1
KU	C1S	2077629	08/2017	08/04/2017	100.000	99.970	100.1	1
KU	C1S	2077630	08/2017	08/04/2017	100.000	99.980	100.0	1
KU	C1S	2077631	08/2017	08/04/2017	99.990	99.960	100.1	1
KU	C1S	2077632	08/2017	08/04/2017	100.000	100.010	100.0	1
KU	C1S	2077633	08/2017	08/04/2017	99.990	99.970	100.1	1
KU	C1S	2077634	08/2017	08/04/2017	99.990	99.970	100.0	1
KU	C1S	2077635	08/2017	08/04/2017	99.990	99.990	100.0	1
KU	C1S	2077852	11/2017	11/02/2017	99.960	100.030	100.0	1
KU	C1S	2077853	11/2017	11/02/2017	99.950	100.000	100.0	1
KU	C1S	2077854	11/2017	11/02/2017	100.040	99.940	100.0	1
KU	C1S	2077855	11/2017	11/02/2017	99.970	100.040	100.0	1
KU	C1S	2077856	11/2017	11/02/2017	99.970	100.000	100.0	1
KU	C1S	2077857	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2077858	11/2017	11/02/2017	100.020	100.020	100.0	1
KU	C1S	2077859	11/2017	11/02/2017	100.010	100.050	100.0	1
KU	C1S	2077860	11/2017	11/02/2017	99.990	99.950	100.0	1
KU	C1S	2077861	11/2017	11/02/2017	99.970	100.010	100.0	1
KU	C1S	2077862	11/2017	11/02/2017	100.020	100.010	100.0	1
KU	C1S	2077863	11/2017	11/02/2017	99.990	100.000	100.0	1
KU	C1S	2077864	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2077865	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2077866	11/2017	11/02/2017	100.020	99.980	100.0	1
KU	C1S	2077867	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2077868	11/2017	11/02/2017	100.030	100.010	100.0	1
KU	C1S	2077869	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2077870	11/2017	11/02/2017	100.000	99.960	100.0	1
KU	C1S	2077871	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2077872	11/2017	11/02/2017	99.970	99.990	100.0	1
KU	C1S	2077873	11/2017	11/02/2017	100.010	99.970	99.9	1

KU	C1S	2077874	11/2017	11/02/2017	100.010	100.010	100.0	1
KU	C1S	2077875	11/2017	11/02/2017	100.020	99.990	99.9	1
KU	C1S	2077876	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2077877	11/2017	11/02/2017	99.990	100.000	100.0	1
KU	C1S	2077878	11/2017	11/02/2017	99.990	99.960	99.9	1
KU	C1S	2077879	11/2017	11/02/2017	100.020	100.020	100.0	1
KU	C1S	2077880	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2077881	11/2017	11/02/2017	100.020	99.950	99.9	1
KU	C1S	2077882	11/2017	11/02/2017	100.000	99.990	99.9	1
KU	C1S	2077883	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2077884	11/2017	11/02/2017	100.020	99.930	100.0	1
KU	C1S	2077885	11/2017	11/02/2017	100.030	99.990	100.0	1
KU	C1S	2077886	11/2017	11/02/2017	99.990	99.950	99.9	1
KU	C1S	2077887	11/2017	11/02/2017	99.990	99.960	100.0	1
KU	C1S	2077888	11/2017	11/02/2017	100.020	99.980	100.0	1
KU	C1S	2077889	11/2017	11/02/2017	99.970	99.980	100.0	1
KU	C1S	2077890	11/2017	11/02/2017	100.020	99.970	100.0	1
KU	C1S	2077891	11/2017	11/02/2017	100.030	99.990	99.9	1
KU	C1S	2077892	11/2017	11/02/2017	100.010	99.960	100.0	1
KU	C1S	2077893	11/2017	11/02/2017	99.980	99.980	99.9	1
KU	C1S	2077894	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2077895	11/2017	11/02/2017	100.010	100.010	100.0	1
KU	C1S	2077896	11/2017	11/02/2017	99.990	100.010	100.0	1
KU	C1S	2077897	11/2017	11/02/2017	99.970	99.930	99.9	1
KU	C1S	2077898	11/2017	11/02/2017	99.970	99.990	99.9	1
KU	C1S	2077899	11/2017	11/02/2017	100.000	99.970	99.9	1
KU	C1S	2077900	11/2017	11/02/2017	100.010	99.990	99.9	1
KU	C1S	2077901	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2077902	11/2017	11/02/2017	99.990	99.980	99.9	1
KU	C1S	2077903	11/2017	11/02/2017	99.990	100.000	100.0	1
KU	C1S	2077904	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2077905	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2077906	11/2017	11/02/2017	99.990	100.000	100.0	1
KU	C1S	2077907	11/2017	11/02/2017	100.020	100.020	100.0	1
KU	C1S	2077908	11/2017	11/02/2017	100.020	99.990	100.0	1
KU	C1S	2077909	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2077910	11/2017	11/02/2017	100.040	100.020	100.0	1
KU	C1S	2077911	11/2017	11/02/2017	100.030	99.990	100.0	1
KU	C1S	2077912	11/2017	11/02/2017	100.040	99.980	100.0	1
KU	C1S	2077913	11/2017	11/02/2017	99.990	99.980	99.9	1
KU	C1S	2077914	11/2017	11/02/2017	99.960	99.960	100.0	1
KU	C1S	2077915	11/2017	11/02/2017	99.980	99.950	99.9	1

KU	C1S	2077916	11/2017	11/02/2017	99.960	99.980	99.9	1
KU	C1S	2077917	11/2017	11/02/2017	100.020	99.940	100.0	1
KU	C1S	2077918	11/2017	11/02/2017	99.950	100.020	100.0	1
KU	C1S	2077919	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2077920	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2077921	11/2017	11/02/2017	100.020	100.000	99.9	1
KU	C1S	2077922	11/2017	11/02/2017	100.010	99.970	99.9	1
KU	C1S	2077923	11/2017	11/02/2017	100.010	99.960	100.0	1
KU	C1S	2077924	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2077925	11/2017	11/02/2017	99.970	99.960	99.9	1
KU	C1S	2077926	11/2017	11/02/2017	100.030	99.960	100.0	1
KU	C1S	2077927	11/2017	11/02/2017	100.020	100.010	100.0	1
KU	C1S	2077928	11/2017	11/02/2017	100.020	99.980	100.0	1
KU	C1S	2077929	11/2017	11/02/2017	100.000	99.960	100.0	1
KU	C1S	2077930	11/2017	11/02/2017	100.030	99.960	99.9	1
KU	C1S	2077931	11/2017	11/02/2017	100.000	100.020	100.0	1
KU	C1S	2077932	11/2017	11/02/2017	99.990	100.000	100.0	1
KU	C1S	2077933	11/2017	11/02/2017	100.000	100.000	99.9	1
KU	C1S	2077934	11/2017	11/02/2017	99.990	100.000	100.0	1
KU	C1S	2077935	11/2017	11/02/2017	100.000	100.010	100.0	1
KU	C1S	2077936	11/2017	11/02/2017	100.020	99.980	100.0	1
KU	C1S	2077937	11/2017	11/02/2017	100.020	100.010	100.0	1
KU	C1S	2077938	11/2017	11/02/2017	100.020	100.020	100.1	1
KU	C1S	2077939	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2077940	11/2017	11/02/2017	100.000	99.980	99.9	1
KU	C1S	2077941	11/2017	11/02/2017	100.030	99.970	100.0	1
KU	C1S	2077942	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2077943	11/2017	11/02/2017	99.970	99.930	99.9	1
KU	C1S	2077944	11/2017	11/02/2017	99.990	99.970	99.9	1
KU	C1S	2077945	11/2017	11/02/2017	99.990	99.970	99.9	1
KU	C1S	2077946	11/2017	11/02/2017	99.990	99.980	99.9	1
KU	C1S	2077947	11/2017	11/02/2017	99.980	99.960	99.9	1
KU	C1S	2077948	11/2017	11/02/2017	99.980	99.970	100.0	1
KU	C1S	2077949	11/2017	11/02/2017	100.010	99.950	99.9	1
KU	C1S	2077950	11/2017	11/02/2017	99.990	99.990	99.9	1
KU	C1S	2077951	11/2017	11/02/2017	99.980	100.030	100.0	1
KU	C1S	2077952	11/2017	11/02/2017	99.980	100.000	99.9	1
KU	C1S	2077953	11/2017	11/02/2017	100.020	99.970	100.0	1
KU	C1S	2077954	11/2017	11/02/2017	99.970	99.970	99.9	1
KU	C1S	2077955	11/2017	11/02/2017	99.990	99.960	99.9	1
KU	C1S	2077956	11/2017	11/02/2017	99.970	100.020	100.0	1
KU	C1S	2077957	11/2017	11/02/2017	100.010	99.970	99.9	1

KU	C1S	2077958	11/2017	11/02/2017	99.980	99.970	100.0	1
KU	C1S	2077959	11/2017	11/02/2017	100.030	100.020	100.0	1
KU	C1S	2077960	11/2017	11/02/2017	99.980	99.950	99.9	1
KU	C1S	2077961	11/2017	11/02/2017	100.010	99.950	100.0	1
KU	C1S	2077962	11/2017	11/02/2017	99.980	100.000	99.9	1
KU	C1S	2077963	11/2017	11/02/2017	100.020	99.940	100.0	1
KU	C1S	2077964	11/2017	11/02/2017	100.000	99.960	99.9	1
KU	C1S	2077965	11/2017	11/02/2017	100.020	100.040	100.0	1
KU	C1S	2077966	11/2017	11/02/2017	100.020	99.940	99.9	1
KU	C1S	2077967	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2077968	11/2017	11/02/2017	100.020	99.980	100.0	1
KU	C1S	2077969	11/2017	11/02/2017	100.020	99.970	100.0	1
KU	C1S	2077970	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2077971	11/2017	11/02/2017	99.990	99.980	99.9	1
KU	C1S	2077972	11/2017	11/02/2017	100.020	99.940	99.9	1
KU	C1S	2077973	11/2017	11/02/2017	99.990	99.950	99.9	1
KU	C1S	2077974	11/2017	11/02/2017	99.980	99.990	100.0	1
KU	C1S	2077975	11/2017	11/02/2017	100.010	99.940	100.0	1
KU	C1S	2077976	11/2017	11/02/2017	100.000	99.970	99.9	1
KU	C1S	2077977	11/2017	11/02/2017	100.020	99.970	100.0	1
KU	C1S	2077978	11/2017	11/02/2017	99.960	99.970	100.0	1
KU	C1S	2077979	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2077980	11/2017	11/02/2017	99.980	99.960	100.0	1
KU	C1S	2077981	11/2017	11/02/2017	99.980	99.960	100.0	1
KU	C1S	2077982	11/2017	11/02/2017	100.040	100.000	100.0	1
KU	C1S	2077983	11/2017	11/02/2017	99.980	99.950	100.0	1
KU	C1S	2077984	11/2017	11/02/2017	100.020	100.010	100.0	1
KU	C1S	2077985	11/2017	11/02/2017	100.010	99.950	99.9	1
KU	C1S	2077986	11/2017	11/02/2017	99.960	100.000	100.0	1
KU	C1S	2077987	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2077988	11/2017	11/02/2017	100.020	99.980	100.0	1
KU	C1S	2077989	11/2017	11/02/2017	100.000	100.010	100.0	1
KU	C1S	2077990	11/2017	11/02/2017	99.980	99.960	100.0	1
KU	C1S	2077991	11/2017	11/02/2017	100.010	99.940	100.0	1
KU	C1S	2077992	11/2017	11/02/2017	100.040	99.980	99.9	1
KU	C1S	2077993	11/2017	11/02/2017	99.970	99.990	100.0	1
KU	C1S	2077994	11/2017	11/02/2017	100.010	99.960	99.9	1
KU	C1S	2077995	11/2017	11/02/2017	100.000	99.980	99.9	1
KU	C1S	2077996	11/2017	11/02/2017	99.980	99.930	99.9	1
KU	C1S	2077997	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2077998	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2077999	11/2017	11/02/2017	100.030	99.980	99.9	1



KU	C1S	2078000	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2078001	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2078002	11/2017	11/02/2017	100.020	99.980	100.0	1
KU	C1S	2078003	11/2017	11/02/2017	100.010	100.010	100.0	1
KU	C1S	2078004	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2078005	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2078006	11/2017	11/02/2017	99.980	99.970	99.9	1
KU	C1S	2078007	11/2017	11/02/2017	99.980	99.960	100.0	1
KU	C1S	2078008	11/2017	11/02/2017	100.010	99.940	100.0	1
KU	C1S	2078009	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2078010	11/2017	11/02/2017	99.980	100.000	99.9	1
KU	C1S	2078011	11/2017	11/02/2017	99.970	99.970	99.9	1
KU	C1S	2078012	11/2017	11/02/2017	100.000	100.020	100.0	1
KU	C1S	2078013	11/2017	11/02/2017	100.020	99.970	99.9	1
KU	C1S	2078014	11/2017	11/02/2017	99.990	99.960	99.9	1
KU	C1S	2078015	11/2017	11/02/2017	100.000	99.960	100.0	1
KU	C1S	2078016	11/2017	11/02/2017	99.980	99.980	99.9	1
KU	C1S	2078017	11/2017	11/02/2017	100.040	99.960	100.0	1
KU	C1S	2078018	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2078019	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2078020	11/2017	11/02/2017	100.000	99.960	99.9	1
KU	C1S	2078021	11/2017	11/02/2017	100.010	99.980	99.9	1
KU	C1S	2078022	11/2017	11/02/2017	100.050	99.950	99.9	1
KU	C1S	2078023	11/2017	11/02/2017	99.990	99.960	99.9	1
KU	C1S	2078024	11/2017	11/02/2017	99.990	100.010	100.0	1
KU	C1S	2078025	11/2017	11/02/2017	99.980	99.980	99.9	1
KU	C1S	2078026	11/2017	11/02/2017	99.980	99.970	99.9	1
KU	C1S	2078027	11/2017	11/02/2017	100.000	99.960	100.0	1
KU	C1S	2078028	11/2017	11/02/2017	99.970	99.980	100.0	1
KU	C1S	2078029	11/2017	11/02/2017	100.020	100.000	100.0	1
KU	C1S	2078030	11/2017	11/02/2017	99.990	100.010	100.0	1
KU	C1S	2078031	11/2017	11/02/2017	100.020	99.960	99.9	1
KU	C1S	2078032	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2078033	11/2017	11/02/2017	100.010	99.960	100.0	1
KU	C1S	2078034	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2078035	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2078036	11/2017	11/02/2017	100.040	100.010	100.0	1
KU	C1S	2078037	11/2017	11/02/2017	100.010	100.030	100.0	1
KU	C1S	2078038	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2078039	11/2017	11/02/2017	100.010	99.950	99.9	1
KU	C1S	2078040	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2078041	11/2017	11/02/2017	100.010	99.950	100.0	1

KU	C1S	2078042	11/2017	11/02/2017	100.040	99.950	100.0	1
KU	C1S	2078043	11/2017	11/02/2017	99.990	99.960	99.9	1
KU	C1S	2078044	11/2017	11/02/2017	99.990	99.940	99.9	1
KU	C1S	2078045	11/2017	11/02/2017	99.990	99.950	100.0	1
KU	C1S	2078046	11/2017	11/02/2017	99.970	100.020	100.0	1
KU	C1S	2078047	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2078048	11/2017	11/02/2017	100.010	100.010	100.0	1
KU	C1S	2078049	11/2017	11/02/2017	99.970	100.010	100.0	1
KU	C1S	2078050	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2078051	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2078052	11/2017	11/02/2017	100.010	99.920	99.9	1
KU	C1S	2078053	11/2017	11/02/2017	99.960	100.000	99.9	1
KU	C1S	2078054	11/2017	11/02/2017	99.980	100.000	100.0	1
KU	C1S	2078055	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2078056	11/2017	11/02/2017	100.030	100.040	100.0	1
KU	C1S	2078057	11/2017	11/02/2017	99.970	99.940	99.9	1
KU	C1S	2078058	11/2017	11/02/2017	100.010	99.950	100.0	1
KU	C1S	2078059	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2078060	11/2017	11/02/2017	100.010	99.980	99.9	1
KU	C1S	2078061	11/2017	11/02/2017	100.000	99.960	100.0	1
KU	C1S	2078062	11/2017	11/02/2017	100.000	99.960	99.9	1
KU	C1S	2078063	11/2017	11/02/2017	99.970	99.930	100.0	1
KU	C1S	2078064	11/2017	11/02/2017	100.020	99.960	99.9	1
KU	C1S	2078065	11/2017	11/02/2017	100.020	99.960	100.0	1
KU	C1S	2078066	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2078067	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2078068	11/2017	11/02/2017	99.980	99.980	100.0	1
KU	C1S	2078069	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2078070	11/2017	11/02/2017	100.020	100.010	100.0	1
KU	C1S	2078071	11/2017	11/02/2017	100.020	99.950	99.9	1
KU	C1S	2078072	11/2017	11/02/2017	100.030	99.960	99.9	1
KU	C1S	2078073	11/2017	11/02/2017	100.050	99.990	99.9	1
KU	C1S	2078074	11/2017	11/02/2017	99.980	99.990	100.0	1
KU	C1S	2078075	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2078076	11/2017	11/02/2017	99.970	100.020	100.0	1
KU	C1S	2078077	11/2017	11/02/2017	100.030	99.970	100.0	1
KU	C1S	2078078	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2078079	11/2017	11/02/2017	100.020	99.990	100.0	1
KU	C1S	2078080	11/2017	11/02/2017	100.020	99.950	99.9	1
KU	C1S	2078081	11/2017	11/02/2017	99.970	99.930	99.9	1
KU	C1S	2078082	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2078083	11/2017	11/02/2017	100.020	100.000	100.0	1

KU	C1S	2078084	11/2017	11/02/2017	99.990	100.020	100.0	1
KU	C1S	2078085	11/2017	11/02/2017	99.990	99.950	100.0	1
KU	C1S	2078086	11/2017	11/02/2017	99.990	99.960	100.0	1
KU	C1S	2078087	11/2017	11/02/2017	99.940	99.970	99.9	1
KU	C1S	2078088	11/2017	11/02/2017	100.030	100.010	99.9	1
KU	C1S	2078089	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2078090	11/2017	11/02/2017	100.020	99.950	99.9	1
KU	C1S	2078091	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2078092	11/2017	11/02/2017	100.030	99.990	100.0	1
KU	C1S	2078093	11/2017	11/02/2017	99.970	100.020	100.0	1
KU	C1S	2078094	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2078095	11/2017	11/02/2017	100.020	99.940	100.0	1
KU	C1S	2078096	11/2017	11/02/2017	99.970	99.930	99.9	1
KU	C1S	2078097	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2078098	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2078099	11/2017	11/02/2017	100.030	99.960	99.9	1
KU	C1S	2078100	11/2017	11/02/2017	99.990	100.000	100.0	1
KU	C1S	2078101	11/2017	11/02/2017	99.990	100.000	100.0	1
KU	C1S	2078102	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2078103	11/2017	11/02/2017	99.990	99.960	99.9	1
KU	C1S	2078104	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2078105	11/2017	11/02/2017	100.030	100.000	100.0	1
KU	C1S	2078106	11/2017	11/02/2017	100.000	100.020	100.0	1
KU	C1S	2078107	11/2017	11/02/2017	100.020	99.960	100.0	1
KU	C1S	2078108	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2078109	11/2017	11/02/2017	99.970	100.010	100.0	1
KU	C1S	2078110	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2078111	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2078112	11/2017	11/02/2017	100.040	99.970	99.9	1
KU	C1S	2078113	11/2017	11/02/2017	99.990	100.000	100.0	1
KU	C1S	2078114	11/2017	11/02/2017	99.980	99.970	100.0	1
KU	C1S	2078115	11/2017	11/02/2017	100.010	99.960	99.9	1
KU	C1S	2078116	11/2017	11/02/2017	100.020	99.960	100.0	1
KU	C1S	2078117	11/2017	11/02/2017	100.000	99.960	100.0	1
KU	C1S	2078118	11/2017	11/02/2017	99.970	99.970	100.0	1
KU	C1S	2078119	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2078120	11/2017	11/02/2017	100.000	100.010	100.0	1
KU	C1S	2078121	11/2017	11/02/2017	99.990	100.010	100.0	1
KU	C1S	2078122	11/2017	11/02/2017	99.980	99.980	100.0	1
KU	C1S	2078123	11/2017	11/02/2017	99.990	100.030	100.0	1
KU	C1S	2078124	11/2017	11/02/2017	100.030	100.000	100.0	1
KU	C1S	2078125	11/2017	11/02/2017	100.020	99.970	99.9	1

KU	C1S	2078126	11/2017	11/02/2017	99.990	99.980	99.9	1
KU	C1S	2078127	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2078128	11/2017	11/02/2017	100.000	99.990	99.9	1
KU	C1S	2078129	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2078130	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2078131	11/2017	11/02/2017	100.000	100.030	100.0	1
KU	C1S	2078132	11/2017	11/02/2017	99.990	99.960	99.9	1
KU	C1S	2078133	11/2017	11/02/2017	99.980	99.980	99.9	1
KU	C1S	2078134	11/2017	11/02/2017	99.990	100.010	100.0	1
KU	C1S	2078135	11/2017	11/02/2017	99.970	99.980	100.0	1
KU	C1S	2078136	11/2017	11/02/2017	99.990	100.010	100.0	1
KU	C1S	2078137	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2078138	11/2017	11/02/2017	99.980	100.010	100.0	1
KU	C1S	2078139	11/2017	11/02/2017	100.000	100.000	100.0	1
KU	C1S	2078140	11/2017	11/02/2017	99.970	100.010	100.0	1
KU	C1S	2078141	11/2017	11/02/2017	100.030	99.980	100.0	1
KU	C1S	2078142	11/2017	11/02/2017	100.000	100.020	100.0	1
KU	C1S	2078143	11/2017	11/02/2017	100.000	100.000	100.0	1
KU	C1S	2078144	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2078145	11/2017	11/02/2017	100.010	100.000	99.9	1
KU	C1S	2078146	11/2017	11/02/2017	99.980	99.980	100.0	1
KU	C1S	2078147	11/2017	11/02/2017	100.020	99.980	100.0	1
KU	C1S	2078148	11/2017	11/02/2017	99.980	99.950	99.9	1
KU	C1S	2078149	11/2017	11/02/2017	99.990	100.040	100.0	1
KU	C1S	2078150	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2078151	11/2017	11/02/2017	100.060	99.990	100.0	1
KU	C1S	2078152	11/2017	11/02/2017	100.040	99.990	100.0	1
KU	C1S	2078153	11/2017	11/02/2017	100.020	100.000	100.0	1
KU	C1S	2078154	11/2017	11/02/2017	100.030	99.980	100.0	1
KU	C1S	2078155	11/2017	11/02/2017	100.020	100.030	100.0	1
KU	C1S	2078156	11/2017	11/02/2017	100.000	100.000	100.0	1
KU	C1S	2078157	11/2017	11/02/2017	99.990	100.020	99.9	1
KU	C1S	2078158	11/2017	11/02/2017	100.050	100.000	100.0	1
KU	C1S	2078159	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2078160	11/2017	11/02/2017	99.990	99.960	100.0	1
KU	C1S	2078161	11/2017	11/02/2017	99.980	100.000	100.0	1
KU	C1S	2078162	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2078163	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2078164	11/2017	11/02/2017	99.980	100.010	100.0	1
KU	C1S	2078165	11/2017	11/02/2017	99.970	100.000	100.0	1
KU	C1S	2078166	11/2017	11/02/2017	100.010	99.930	100.0	1
KU	C1S	2078167	11/2017	11/02/2017	100.000	99.990	100.0	1

KU	C1S	2078168	11/2017	11/02/2017	100.010	100.010	100.0	1
KU	C1S	2078169	11/2017	11/02/2017	100.010	99.950	100.0	1
KU	C1S	2078170	11/2017	11/02/2017	99.980	100.030	100.0	1
KU	C1S	2078171	11/2017	11/02/2017	100.010	100.000	99.9	1
KU	C1S	2078172	11/2017	11/02/2017	99.960	99.940	99.9	1
KU	C1S	2078173	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2078174	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2078175	11/2017	11/02/2017	100.030	100.010	100.0	1
KU	C1S	2078176	11/2017	11/02/2017	100.040	99.990	100.0	1
KU	C1S	2078177	11/2017	11/02/2017	100.000	99.960	100.0	1
KU	C1S	2078178	11/2017	11/02/2017	100.040	99.970	99.9	1
KU	C1S	2078179	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2078180	11/2017	11/02/2017	99.970	100.000	100.0	1
KU	C1S	2078181	11/2017	11/02/2017	99.970	99.990	100.0	1
KU	C1S	2078182	11/2017	11/02/2017	99.980	99.960	100.0	1
KU	C1S	2078183	11/2017	11/02/2017	100.000	100.010	100.0	1
KU	C1S	2078184	11/2017	11/02/2017	99.980	99.990	100.0	1
KU	C1S	2078185	11/2017	11/02/2017	100.000	99.960	99.9	1
KU	C1S	2078186	11/2017	11/02/2017	100.010	100.010	100.0	1
KU	C1S	2078187	11/2017	11/02/2017	99.980	99.960	99.9	1
KU	C1S	2078188	11/2017	11/02/2017	99.990	99.940	100.0	1
KU	C1S	2078189	11/2017	11/02/2017	100.010	99.980	99.9	1
KU	C1S	2078190	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2078191	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2078192	11/2017	11/02/2017	99.990	100.000	99.9	1
KU	C1S	2078193	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2078194	11/2017	11/02/2017	99.990	100.010	100.0	1
KU	C1S	2078195	11/2017	11/02/2017	100.000	100.030	100.0	1
KU	C1S	2078196	11/2017	11/02/2017	99.990	100.000	100.0	1
KU	C1S	2078197	11/2017	11/02/2017	99.980	99.980	100.0	1
KU	C1S	2078198	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2078199	11/2017	11/02/2017	100.000	100.020	100.0	1
KU	C1S	2078200	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2078201	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2078202	11/2017	11/02/2017	99.990	99.950	99.9	1
KU	C1S	2078203	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2078204	11/2017	11/02/2017	99.960	99.980	100.0	1
KU	C1S	2078205	11/2017	11/02/2017	100.030	99.980	100.0	1
KU	C1S	2078206	11/2017	11/02/2017	99.990	99.940	100.0	1
KU	C1S	2078207	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2078208	11/2017	11/02/2017	99.990	100.020	100.0	1
KU	C1S	2078209	11/2017	11/02/2017	100.030	99.980	100.0	1

KU	C1S	2078210	11/2017	11/02/2017	100.030	99.980	100.0	1
KU	C1S	2078211	11/2017	11/02/2017	100.020	100.040	100.0	1
KU	C1S	2078212	11/2017	11/02/2017	99.980	100.000	100.0	1
KU	C1S	2078213	11/2017	11/02/2017	100.010	100.010	100.0	1
KU	C1S	2078214	11/2017	11/02/2017	99.990	99.960	100.0	1
KU	C1S	2078215	11/2017	11/02/2017	100.000	100.000	100.0	1
KU	C1S	2078216	11/2017	11/02/2017	99.990	100.000	99.9	1
KU	C1S	2078217	11/2017	11/02/2017	100.020	99.990	100.0	1
KU	C1S	2078218	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2078219	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2078220	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2078221	11/2017	11/02/2017	100.020	100.010	100.0	1
KU	C1S	2078222	11/2017	11/02/2017	100.020	99.960	100.0	1
KU	C1S	2078223	11/2017	11/02/2017	100.000	99.960	100.0	1
KU	C1S	2078224	11/2017	11/02/2017	100.000	100.010	100.0	1
KU	C1S	2078225	11/2017	11/02/2017	100.010	100.010	100.0	1
KU	C1S	2078226	11/2017	11/02/2017	99.970	99.910	99.9	1
KU	C1S	2078227	11/2017	11/02/2017	99.990	100.000	100.0	1
KU	C1S	2078228	11/2017	11/02/2017	99.980	99.940	99.9	1
KU	C1S	2078229	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2078230	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2078231	11/2017	11/02/2017	100.010	100.030	100.0	1
KU	C1S	2078232	11/2017	11/02/2017	100.010	100.040	100.0	1
KU	C1S	2078233	11/2017	11/02/2017	99.980	99.990	100.0	1
KU	C1S	2078234	11/2017	11/02/2017	100.000	100.030	100.0	1
KU	C1S	2078235	11/2017	11/02/2017	99.980	99.950	99.9	1
KU	C1S	2078236	11/2017	11/02/2017	99.990	100.020	100.0	1
KU	C1S	2078237	11/2017	11/02/2017	100.010	100.010	100.0	1
KU	C1S	2078238	11/2017	11/02/2017	99.990	100.010	100.0	1
KU	C1S	2078239	11/2017	11/02/2017	100.020	100.040	100.0	1
KU	C1S	2078240	11/2017	11/02/2017	99.990	100.030	100.0	1
KU	C1S	2078241	11/2017	11/02/2017	99.990	100.020	100.0	1
KU	C1S	2078242	11/2017	11/02/2017	99.990	100.050	100.0	1
KU	C1S	2078243	11/2017	11/02/2017	99.980	100.030	100.0	1
KU	C1S	2078244	11/2017	11/02/2017	100.030	99.970	100.0	1
KU	C1S	2078245	11/2017	11/02/2017	100.020	99.990	100.0	1
KU	C1S	2078246	11/2017	11/02/2017	99.990	99.980	99.9	1
KU	C1S	2078247	11/2017	11/02/2017	99.980	100.020	100.0	1
KU	C1S	2078248	11/2017	11/02/2017	100.000	99.940	100.0	1
KU	C1S	2078249	11/2017	11/02/2017	100.000	99.940	99.9	1
KU	C1S	2078250	11/2017	11/02/2017	100.040	100.040	100.0	1
KU	C1S	2078251	11/2017	11/02/2017	99.960	99.930	100.0	1

KU	C1S	2078252	11/2017	11/02/2017	100.030	100.020	100.0	1
KU	C1S	2078253	11/2017	11/02/2017	99.990	100.040	100.0	1
KU	C1S	2078254	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2078255	11/2017	11/02/2017	100.040	100.040	100.0	1
KU	C1S	2078256	11/2017	11/02/2017	100.020	99.890	99.9	1
KU	C1S	2078257	11/2017	11/02/2017	100.000	99.950	99.9	1
KU	C1S	2078258	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2078259	11/2017	11/02/2017	100.010	100.040	100.0	1
KU	C1S	2078260	11/2017	11/02/2017	100.010	99.940	100.0	1
KU	C1S	2078261	11/2017	11/02/2017	100.020	99.950	100.0	1
KU	C1S	2078262	11/2017	11/02/2017	100.020	100.040	100.0	1
KU	C1S	2078263	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2078264	11/2017	11/02/2017	100.000	100.010	100.0	1
KU	C1S	2078265	11/2017	11/02/2017	100.020	100.030	100.0	1
KU	C1S	2078266	11/2017	11/02/2017	99.990	100.010	100.0	1
KU	C1S	2078267	11/2017	11/02/2017	100.010	99.990	99.9	1
KU	C1S	2078268	11/2017	11/02/2017	99.990	100.010	100.0	1
KU	C1S	2078269	11/2017	11/02/2017	99.990	100.050	100.0	1
KU	C1S	2078270	11/2017	11/02/2017	99.980	100.030	100.0	1
KU	C1S	2078271	11/2017	11/02/2017	99.970	100.060	100.0	1
KU	C1S	2078272	11/2017	11/02/2017	100.000	99.950	99.9	1
KU	C1S	2078273	11/2017	11/02/2017	100.010	100.010	100.0	1
KU	C1S	2078274	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2078275	11/2017	11/02/2017	100.000	100.040	100.0	1
KU	C1S	2078276	11/2017	11/02/2017	100.020	99.940	99.9	1
KU	C1S	2078277	11/2017	11/02/2017	100.020	99.950	99.9	1
KU	C1S	2078278	11/2017	11/02/2017	100.020	99.970	100.0	1
KU	C1S	2078279	11/2017	11/02/2017	99.990	100.030	100.0	1
KU	C1S	2078280	11/2017	11/02/2017	100.010	99.990	99.9	1
KU	C1S	2078281	11/2017	11/02/2017	100.020	99.960	99.9	1
KU	C1S	2078282	11/2017	11/02/2017	100.020	100.030	100.0	1
KU	C1S	2078283	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2078284	11/2017	11/02/2017	99.980	100.020	100.0	1
KU	C1S	2078285	11/2017	11/02/2017	100.030	99.910	99.9	1
KU	C1S	2078286	11/2017	11/02/2017	99.980	100.020	100.0	1
KU	C1S	2078287	11/2017	11/02/2017	99.990	100.020	100.0	1
KU	C1S	2078288	11/2017	11/02/2017	99.990	100.000	100.0	1
KU	C1S	2078289	11/2017	11/02/2017	100.020	100.030	100.0	1
KU	C1S	2078290	11/2017	11/02/2017	100.040	99.970	100.0	1
KU	C1S	2078291	11/2017	11/02/2017	99.990	99.960	100.0	1
KU	C1S	2078292	11/2017	11/02/2017	99.990	99.950	100.0	1
KU	C1S	2078293	11/2017	11/02/2017	100.010	100.000	100.0	1

KU	C1S	2078294	11/2017	11/02/2017	99.970	99.990	100.0	1
KU	C1S	2078295	11/2017	11/02/2017	99.970	100.040	100.0	1
KU	C1S	2078296	11/2017	11/02/2017	100.010	100.030	100.0	1
KU	C1S	2078297	11/2017	11/02/2017	99.970	100.020	100.0	1
KU	C1S	2078298	11/2017	11/02/2017	100.020	99.970	100.0	1
KU	C1S	2078299	11/2017	11/02/2017	100.000	99.950	99.9	1
KU	C1S	2078300	11/2017	11/02/2017	100.000	100.050	100.0	1
KU	C1S	2078301	11/2017	11/02/2017	99.990	99.930	99.9	1
KU	C1S	2078302	11/2017	11/02/2017	100.000	100.040	100.0	1
KU	C1S	2078303	11/2017	11/02/2017	100.010	99.970	99.9	1
KU	C1S	2078304	11/2017	11/02/2017	99.970	100.020	100.0	1
KU	C1S	2078305	11/2017	11/02/2017	99.990	100.000	100.0	1
KU	C1S	2078306	11/2017	11/02/2017	99.980	99.930	99.9	1
KU	C1S	2078307	11/2017	11/02/2017	100.010	99.960	100.0	1
KU	C1S	2078308	11/2017	11/02/2017	100.000	100.040	100.0	1
KU	C1S	2078309	11/2017	11/02/2017	99.990	100.020	100.0	1
KU	C1S	2078310	11/2017	11/02/2017	100.000	100.020	100.0	1
KU	C1S	2078311	11/2017	11/02/2017	99.980	100.010	100.1	1
KU	C1S	2078312	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2078313	11/2017	11/02/2017	100.030	100.020	99.9	1
KU	C1S	2078314	11/2017	11/02/2017	100.000	99.960	100.0	1
KU	C1S	2078315	11/2017	11/02/2017	99.970	99.990	99.9	1
KU	C1S	2078316	11/2017	11/02/2017	100.040	99.940	99.9	1
KU	C1S	2078317	11/2017	11/02/2017	100.020	99.950	99.9	1
KU	C1S	2078318	11/2017	11/02/2017	100.010	100.020	100.0	1
KU	C1S	2078319	11/2017	11/02/2017	100.010	99.930	99.9	1
KU	C1S	2078320	11/2017	11/02/2017	99.980	99.960	99.9	1
KU	C1S	2078321	11/2017	11/02/2017	99.980	100.020	100.0	1
KU	C1S	2078322	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2078323	11/2017	11/02/2017	99.990	99.950	99.9	1
KU	C1S	2078324	11/2017	11/02/2017	99.960	99.960	100.0	1
KU	C1S	2078325	11/2017	11/02/2017	99.990	100.030	100.0	1
KU	C1S	2078326	11/2017	11/02/2017	100.000	99.950	100.0	1
KU	C1S	2078327	11/2017	11/02/2017	99.990	100.030	100.0	1
KU	C1S	2078328	11/2017	11/02/2017	100.020	100.030	100.0	1
KU	C1S	2078329	11/2017	11/02/2017	100.010	100.040	100.0	1
KU	C1S	2078330	11/2017	11/02/2017	100.030	100.030	100.0	1
KU	C1S	2078331	11/2017	11/02/2017	100.030	99.960	99.9	1
KU	C1S	2078332	11/2017	11/02/2017	100.000	99.930	100.0	1
KU	C1S	2078333	11/2017	11/02/2017	100.020	100.030	100.0	1
KU	C1S	2078334	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2078335	11/2017	11/02/2017	100.000	100.000	100.0	1



KU	C1S	2078336	11/2017	11/02/2017	99.970	100.010	100.0	1
KU	C1S	2078337	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2078338	11/2017	11/02/2017	99.980	99.970	100.0	1
KU	C1S	2078339	11/2017	11/02/2017	99.980	100.030	100.0	1
KU	C1S	2078340	11/2017	11/02/2017	100.000	100.030	100.0	1
KU	C1S	2078341	11/2017	11/02/2017	100.020	99.980	100.0	1
KU	C1S	2078342	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2078343	11/2017	11/02/2017	99.990	99.940	100.0	1
KU	C1S	2078344	11/2017	11/02/2017	100.040	99.970	100.0	1
KU	C1S	2078345	11/2017	11/02/2017	99.970	100.000	100.0	1
KU	C1S	2078346	11/2017	11/02/2017	100.000	100.020	100.0	1
KU	C1S	2078347	11/2017	11/02/2017	99.960	99.990	99.9	1
KU	C1S	2078348	11/2017	11/02/2017	99.980	100.010	100.1	1
KU	C1S	2078349	11/2017	11/02/2017	100.030	100.020	100.0	1
KU	C1S	2078350	11/2017	11/02/2017	99.990	99.950	99.9	1
KU	C1S	2078351	11/2017	11/02/2017	99.970	99.980	100.0	1
KU	C1S	2078352	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2078353	11/2017	11/02/2017	99.980	100.030	100.0	1
KU	C1S	2078354	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2078355	11/2017	11/02/2017	100.010	99.970	99.9	1
KU	C1S	2078356	11/2017	11/02/2017	100.010	99.950	99.9	1
KU	C1S	2078357	11/2017	11/02/2017	100.000	100.020	100.0	1
KU	C1S	2078358	11/2017	11/02/2017	100.020	99.970	100.0	1
KU	C1S	2078359	11/2017	11/02/2017	99.980	99.960	100.0	1
KU	C1S	2078360	11/2017	11/02/2017	99.990	99.970	99.9	1
KU	C1S	2078361	11/2017	11/02/2017	99.980	100.040	100.0	1
KU	C1S	2078362	11/2017	11/02/2017	100.000	100.040	100.0	1
KU	C1S	2078363	11/2017	11/02/2017	100.010	99.920	99.9	1
KU	C1S	2078364	11/2017	11/02/2017	100.000	100.000	100.0	1
KU	C1S	2078365	11/2017	11/02/2017	100.010	99.940	99.9	1
KU	C1S	2078366	11/2017	11/02/2017	100.010	100.010	100.0	1
KU	C1S	2078367	11/2017	11/02/2017	100.010	100.030	100.0	1
KU	C1S	2078368	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2078369	11/2017	11/02/2017	100.000	100.020	100.0	1
KU	C1S	2078370	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2078371	11/2017	11/02/2017	100.010	100.030	100.0	1
KU	C1S	2078372	11/2017	11/02/2017	99.980	100.000	100.0	1
KU	C1S	2078373	11/2017	11/02/2017	100.010	100.050	100.0	1
KU	C1S	2078374	11/2017	11/02/2017	99.980	100.020	100.0	1
KU	C1S	2078375	11/2017	11/02/2017	100.010	100.010	100.0	1
KU	C1S	2078376	11/2017	11/02/2017	100.010	99.950	99.9	1
KU	C1S	2078377	11/2017	11/02/2017	99.990	100.000	100.0	1

KU	C1S	2078378	11/2017	11/02/2017	100.010	100.010	100.0	1
KU	C1S	2078379	11/2017	11/02/2017	99.980	100.040	100.0	1
KU	C1S	2078380	11/2017	11/02/2017	99.980	99.960	100.0	1
KU	C1S	2078381	11/2017	11/02/2017	99.960	99.980	100.0	1
KU	C1S	2078382	11/2017	11/02/2017	99.970	99.990	100.0	1
KU	C1S	2078383	11/2017	11/02/2017	100.010	99.960	100.0	1
KU	C1S	2078384	11/2017	11/02/2017	100.030	100.010	100.0	1
KU	C1S	2078385	11/2017	11/02/2017	99.980	100.050	100.0	1
KU	C1S	2078386	11/2017	11/02/2017	100.020	100.030	100.0	1
KU	C1S	2078387	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2078388	11/2017	11/02/2017	99.980	100.000	99.9	1
KU	C1S	2078389	11/2017	11/02/2017	100.040	99.980	100.0	1
KU	C1S	2078390	11/2017	11/02/2017	100.010	100.030	100.0	1
KU	C1S	2078391	11/2017	11/02/2017	100.010	100.030	100.0	1
KU	C1S	2078392	11/2017	11/02/2017	100.020	99.940	99.9	1
KU	C1S	2078393	11/2017	11/02/2017	100.010	99.930	100.0	1
KU	C1S	2078394	11/2017	11/02/2017	100.010	99.960	100.0	1
KU	C1S	2078395	11/2017	11/02/2017	99.990	100.020	100.0	1
KU	C1S	2078396	11/2017	11/02/2017	99.980	99.960	100.0	1
KU	C1S	2078397	11/2017	11/02/2017	100.010	100.030	100.0	1
KU	C1S	2078398	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2078399	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2078400	11/2017	11/02/2017	99.990	99.970	99.9	1
KU	C1S	2078401	11/2017	11/02/2017	99.980	100.010	100.0	1
KU	C1S	2078402	11/2017	11/02/2017	100.010	100.010	100.1	1
KU	C1S	2078403	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2078404	11/2017	11/02/2017	100.000	100.050	100.0	1
KU	C1S	2078405	11/2017	11/02/2017	100.020	100.030	100.0	1
KU	C1S	2078406	11/2017	11/02/2017	100.020	99.940	99.9	1
KU	C1S	2078407	11/2017	11/02/2017	100.040	99.990	100.0	1
KU	C1S	2078408	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2078409	11/2017	11/02/2017	99.980	100.020	100.0	1
KU	C1S	2078410	11/2017	11/02/2017	100.020	99.970	99.9	1
KU	C1S	2078411	11/2017	11/02/2017	100.010	99.960	100.1	1
KU	C1S	2078412	11/2017	11/02/2017	99.990	99.960	99.9	1
KU	C1S	2078413	11/2017	11/02/2017	99.990	100.040	100.0	1
KU	C1S	2078414	11/2017	11/02/2017	100.010	100.040	100.0	1
KU	C1S	2078415	11/2017	11/02/2017	99.990	100.020	100.0	1
KU	C1S	2078416	11/2017	11/02/2017	100.030	100.040	100.0	1
KU	C1S	2078417	11/2017	11/02/2017	100.020	100.040	100.0	1
KU	C1S	2078418	11/2017	11/02/2017	100.020	100.020	100.0	1
KU	C1S	2078419	11/2017	11/02/2017	99.970	100.020	100.0	1

KU	C1S	2078420	11/2017	11/02/2017	100.020	100.000	100.0	1
KU	C1S	2078421	11/2017	11/02/2017	99.990	99.930	99.9	1
KU	C1S	2078422	11/2017	11/02/2017	100.020	99.940	100.0	1
KU	C1S	2078423	11/2017	11/02/2017	100.040	99.960	99.9	1
KU	C1S	2078424	11/2017	11/02/2017	99.950	100.040	100.0	1
KU	C1S	2078425	11/2017	11/02/2017	99.940	100.030	100.0	1
KU	C1S	2078426	11/2017	11/02/2017	100.000	99.970	99.9	1
KU	C1S	2078427	11/2017	11/02/2017	99.970	100.010	100.0	1
KU	C1S	2078428	11/2017	11/02/2017	100.010	99.930	99.9	1
KU	C1S	2078429	11/2017	11/02/2017	99.970	99.990	100.0	1
KU	C1S	2078430	11/2017	11/02/2017	100.000	100.040	100.0	1
KU	C1S	2078431	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2078432	11/2017	11/02/2017	99.990	99.950	100.0	1
KU	C1S	2078433	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2078434	11/2017	11/02/2017	99.990	99.960	99.9	1
KU	C1S	2078435	11/2017	11/02/2017	100.010	99.950	99.9	1
KU	C1S	2078436	11/2017	11/02/2017	99.990	99.920	99.9	1
KU	C1S	2078437	11/2017	11/02/2017	100.000	99.950	99.9	1
KU	C1S	2078438	11/2017	11/02/2017	100.020	100.000	100.0	1
KU	C1S	2078439	11/2017	11/02/2017	100.000	99.970	99.9	1
KU	C1S	2078440	11/2017	11/02/2017	100.000	100.030	100.0	1
KU	C1S	2078441	11/2017	11/02/2017	99.980	99.970	100.0	1
KU	C1S	2078442	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2078443	11/2017	11/02/2017	99.990	100.020	100.0	1
KU	C1S	2078444	11/2017	11/02/2017	100.020	100.020	100.0	1
KU	C1S	2078445	11/2017	11/02/2017	100.040	99.980	100.0	1
KU	C1S	2078446	11/2017	11/02/2017	99.990	99.940	99.9	1
KU	C1S	2078447	11/2017	11/02/2017	100.000	100.040	100.0	1
KU	C1S	2078448	11/2017	11/02/2017	100.000	99.940	99.9	1
KU	C1S	2078449	11/2017	11/02/2017	99.970	99.970	99.9	1
KU	C1S	2078450	11/2017	11/02/2017	99.960	99.980	100.0	1
KU	C1S	2078451	11/2017	11/02/2017	99.970	100.020	100.0	1
KU	C1S	2078452	11/2017	11/02/2017	100.010	100.030	100.0	1
KU	C1S	2078453	11/2017	11/02/2017	99.990	100.030	100.0	1
KU	C1S	2078454	11/2017	11/02/2017	100.020	99.950	99.9	1
KU	C1S	2078455	11/2017	11/02/2017	100.020	99.960	100.0	1
KU	C1S	2078456	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2078457	11/2017	11/02/2017	99.990	100.030	100.0	1
KU	C1S	2078458	11/2017	11/02/2017	100.030	100.000	100.0	1
KU	C1S	2078459	11/2017	11/02/2017	99.990	100.040	100.0	1
KU	C1S	2078460	11/2017	11/02/2017	100.010	100.020	100.0	1
KU	C1S	2078461	11/2017	11/02/2017	99.980	100.000	100.0	1

KU	C1S	2078462	11/2017	11/02/2017	100.030	100.010	100.0	1
KU	C1S	2078463	11/2017	11/02/2017	100.010	99.980	99.9	1
KU	C1S	2078464	11/2017	11/02/2017	99.980	99.970	99.9	1
KU	C1S	2078465	11/2017	11/02/2017	100.010	100.010	100.0	1
KU	C1S	2078466	11/2017	11/02/2017	100.010	100.020	100.0	1
KU	C1S	2078467	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2078468	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2078469	11/2017	11/02/2017	100.020	100.030	100.0	1
KU	C1S	2078470	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2078471	11/2017	11/02/2017	99.980	100.010	100.0	1
KU	C1S	2078472	11/2017	11/02/2017	100.000	99.920	99.9	1
KU	C1S	2078473	11/2017	11/02/2017	100.000	100.010	100.0	1
KU	C1S	2078474	11/2017	11/02/2017	100.030	99.920	99.9	1
KU	C1S	2078475	11/2017	11/02/2017	100.000	99.940	99.9	1
KU	C1S	2078476	11/2017	11/02/2017	100.050	99.970	100.0	1
KU	C1S	2078477	11/2017	11/02/2017	100.030	100.010	100.0	1
KU	C1S	2078478	11/2017	11/02/2017	99.980	99.990	99.9	1
KU	C1S	2078479	11/2017	11/02/2017	100.000	99.930	99.9	1
KU	C1S	2078480	11/2017	11/02/2017	100.070	100.010	100.0	1
KU	C1S	2078481	11/2017	11/02/2017	100.000	100.050	100.0	1
KU	C1S	2078482	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2078483	11/2017	11/02/2017	99.990	100.010	100.0	1
KU	C1S	2078484	11/2017	11/02/2017	100.040	99.990	100.0	1
KU	C1S	2078485	11/2017	11/02/2017	100.010	99.950	100.0	1
KU	C1S	2078486	11/2017	11/02/2017	99.990	100.030	100.0	1
KU	C1S	2078487	11/2017	11/02/2017	100.030	99.970	100.0	1
KU	C1S	2078488	11/2017	11/02/2017	100.020	100.000	100.0	1
KU	C1S	2078489	11/2017	11/02/2017	100.040	100.020	100.0	1
KU	C1S	2078490	11/2017	11/02/2017	100.000	100.040	100.1	1
KU	C1S	2078491	11/2017	11/02/2017	99.990	100.030	100.0	1
KU	C1S	2078492	11/2017	11/02/2017	99.990	100.030	100.1	1
KU	C1S	2078493	11/2017	11/02/2017	99.980	99.940	99.9	1
KU	C1S	2078494	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2078495	11/2017	11/02/2017	99.990	99.980	99.9	1
KU	C1S	2078496	11/2017	11/02/2017	100.010	100.020	100.0	1
KU	C1S	2078497	11/2017	11/02/2017	99.990	100.030	100.0	1
KU	C1S	2078498	11/2017	11/02/2017	99.970	99.960	99.9	1
KU	C1S	2078499	11/2017	11/02/2017	100.010	100.020	100.0	1
KU	C1S	2078500	11/2017	11/02/2017	100.010	99.970	99.9	1
KU	C1S	2078501	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2078502	11/2017	11/02/2017	99.980	100.030	100.0	1
KU	C1S	2078503	11/2017	11/02/2017	100.010	99.940	100.0	1

KU	C1S	2078504	11/2017	11/02/2017	100.020	100.030	100.0	1
KU	C1S	2078505	11/2017	11/02/2017	99.990	100.010	100.0	1
KU	C1S	2078506	11/2017	11/02/2017	100.010	100.020	100.0	1
KU	C1S	2078507	11/2017	11/02/2017	100.010	99.950	99.9	1
KU	C1S	2078508	11/2017	11/02/2017	100.000	99.960	100.0	1
KU	C1S	2078509	11/2017	11/02/2017	100.000	99.930	99.9	1
KU	C1S	2078510	11/2017	11/02/2017	99.950	100.030	100.0	1
KU	C1S	2078511	11/2017	11/02/2017	100.000	100.020	100.0	1
KU	C1S	2078512	11/2017	11/02/2017	100.010	100.010	100.0	1
KU	C1S	2078513	11/2017	11/02/2017	99.990	100.010	100.0	1
KU	C1S	2078514	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2078515	11/2017	11/02/2017	99.980	99.900	99.8	1
KU	C1S	2078516	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2078517	11/2017	11/02/2017	100.010	99.940	100.0	1
KU	C1S	2078518	11/2017	11/02/2017	100.020	100.040	100.0	1
KU	C1S	2078519	11/2017	11/02/2017	100.030	99.960	99.9	1
KU	C1S	2078520	11/2017	11/02/2017	100.000	100.040	100.0	1
KU	C1S	2078521	11/2017	11/02/2017	100.040	100.060	100.1	1
KU	C1S	2078522	11/2017	11/02/2017	99.970	99.970	100.0	1
KU	C1S	2078523	11/2017	11/02/2017	99.990	100.000	100.0	1
KU	C1S	2078524	11/2017	11/02/2017	99.980	99.940	100.0	1
KU	C1S	2078525	11/2017	11/02/2017	99.960	99.930	99.9	1
KU	C1S	2078526	11/2017	11/02/2017	100.010	100.040	100.0	1
KU	C1S	2078527	11/2017	11/02/2017	100.020	99.980	99.9	1
KU	C1S	2078528	11/2017	11/02/2017	99.960	99.950	100.0	1
KU	C1S	2078529	11/2017	11/02/2017	100.000	100.000	100.0	1
KU	C1S	2078530	11/2017	11/02/2017	99.990	100.040	100.0	1
KU	C1S	2078531	11/2017	11/02/2017	100.010	99.970	99.9	1
KU	C1S	2078532	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2078533	11/2017	11/02/2017	100.010	100.060	100.0	1
KU	C1S	2078534	11/2017	11/02/2017	100.050	99.960	99.9	1
KU	C1S	2078535	11/2017	11/02/2017	99.990	99.930	99.9	1
KU	C1S	2078536	11/2017	11/02/2017	100.020	99.980	100.0	1
KU	C1S	2078537	11/2017	11/02/2017	100.000	99.950	100.0	1
KU	C1S	2078538	11/2017	11/02/2017	99.980	99.980	100.0	1
KU	C1S	2078539	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2078540	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2078541	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2078542	11/2017	11/02/2017	100.000	100.010	100.0	1
KU	C1S	2078543	11/2017	11/02/2017	99.990	100.020	100.1	1
KU	C1S	2078544	11/2017	11/02/2017	99.940	99.980	99.9	1
KU	C1S	2078545	11/2017	11/02/2017	99.980	100.020	100.0	1

KU	C1S	2078546	11/2017	11/02/2017	100.020	100.030	100.0	1
KU	C1S	2078547	11/2017	11/02/2017	100.000	100.020	100.0	1
KU	C1S	2078548	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2078549	11/2017	11/02/2017	99.990	100.030	100.0	1
KU	C1S	2078550	11/2017	11/02/2017	99.970	99.960	100.0	1
KU	C1S	2078551	11/2017	11/02/2017	100.010	99.950	99.9	1
KU	C1S	2078552	11/2017	11/02/2017	100.000	99.970	99.9	1
KU	C1S	2078553	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2078554	11/2017	11/02/2017	100.010	99.970	99.9	1
KU	C1S	2078555	11/2017	11/02/2017	99.990	100.010	100.0	1
KU	C1S	2078556	11/2017	11/02/2017	100.060	99.980	99.9	1
KU	C1S	2078557	11/2017	11/02/2017	99.990	99.930	99.9	1
KU	C1S	2078558	11/2017	11/02/2017	100.020	99.970	100.0	1
KU	C1S	2078559	11/2017	11/02/2017	99.990	100.000	100.0	1
KU	C1S	2078560	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2078561	11/2017	11/02/2017	99.990	100.050	100.0	1
KU	C1S	2078562	11/2017	11/02/2017	100.020	99.990	100.0	1
KU	C1S	2078563	11/2017	11/02/2017	99.990	100.050	100.0	1
KU	C1S	2078564	11/2017	11/02/2017	99.980	100.020	100.0	1
KU	C1S	2078565	11/2017	11/02/2017	100.000	99.940	100.0	1
KU	C1S	2078566	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2078567	11/2017	11/02/2017	100.010	100.010	100.0	1
KU	C1S	2078568	11/2017	11/02/2017	99.990	100.000	100.0	1
KU	C1S	2078569	11/2017	11/02/2017	100.000	99.980	99.9	1
KU	C1S	2078570	11/2017	11/02/2017	99.980	99.960	100.0	1
KU	C1S	2078571	11/2017	11/02/2017	99.980	100.030	100.0	1
KU	C1S	2078572	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2078573	11/2017	11/02/2017	100.020	99.990	100.0	1
KU	C1S	2078574	11/2017	11/02/2017	100.020	99.980	100.0	1
KU	C1S	2078575	11/2017	11/02/2017	99.990	100.030	100.0	1
KU	C1S	2078576	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2078577	11/2017	11/02/2017	99.970	99.950	100.0	1
KU	C1S	2078578	11/2017	11/02/2017	99.960	99.990	100.0	1
KU	C1S	2078579	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2078580	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2078581	11/2017	11/02/2017	100.020	99.970	100.0	1
KU	C1S	2078582	11/2017	11/02/2017	100.000	99.910	99.9	1
KU	C1S	2078583	11/2017	11/02/2017	99.970	99.980	100.0	1
KU	C1S	2078584	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2078585	11/2017	11/02/2017	99.980	100.010	100.0	1
KU	C1S	2078586	11/2017	11/02/2017	99.990	100.030	100.0	1
KU	C1S	2078587	11/2017	11/02/2017	100.010	99.990	100.0	1

KU	C1S	2078588	11/2017	11/02/2017	99.990	100.010	100.0	1
KU	C1S	2078589	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2078590	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2078591	11/2017	11/02/2017	100.020	100.000	99.9	1
KU	C1S	2078592	11/2017	11/02/2017	99.980	100.000	100.0	1
KU	C1S	2078593	11/2017	11/02/2017	99.960	99.960	100.0	1
KU	C1S	2078594	11/2017	11/02/2017	100.000	100.000	100.0	1
KU	C1S	2078595	11/2017	11/02/2017	100.000	100.020	100.0	1
KU	C1S	2078596	11/2017	11/02/2017	99.980	99.970	100.0	1
KU	C1S	2078597	11/2017	11/02/2017	100.050	99.990	100.0	1
KU	C1S	2078598	11/2017	11/02/2017	99.980	99.990	100.0	1
KU	C1S	2078599	11/2017	11/02/2017	100.010	100.000	99.9	1
KU	C1S	2078600	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2078601	11/2017	11/02/2017	100.000	99.960	99.9	1
KU	C1S	2078602	11/2017	11/02/2017	99.980	99.990	100.0	1
KU	C1S	2078603	11/2017	11/02/2017	100.000	100.000	100.0	1
KU	C1S	2078604	11/2017	11/02/2017	99.980	99.950	100.0	1
KU	C1S	2078605	11/2017	11/02/2017	99.950	99.950	100.0	1
KU	C1S	2078606	11/2017	11/02/2017	100.020	99.960	100.0	1
KU	C1S	2078607	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2078608	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2078609	11/2017	11/02/2017	100.030	99.980	100.0	1
KU	C1S	2078610	11/2017	11/02/2017	99.990	100.000	100.0	1
KU	C1S	2078611	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2078612	11/2017	11/02/2017	100.030	99.980	100.0	1
KU	C1S	2078613	11/2017	11/02/2017	100.000	99.900	99.9	1
KU	C1S	2078614	11/2017	11/02/2017	100.020	100.000	100.0	1
KU	C1S	2078615	11/2017	11/02/2017	100.000	100.000	100.0	1
KU	C1S	2078616	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2078617	11/2017	11/02/2017	99.990	100.000	100.0	1
KU	C1S	2078618	11/2017	11/02/2017	100.020	99.970	99.9	1
KU	C1S	2078619	11/2017	11/02/2017	100.050	99.970	99.9	1
KU	C1S	2078620	11/2017	11/02/2017	100.020	99.980	100.0	1
KU	C1S	2078621	11/2017	11/02/2017	100.020	99.970	99.9	1
KU	C1S	2078622	11/2017	11/02/2017	99.990	100.000	100.0	1
KU	C1S	2078623	11/2017	11/02/2017	99.980	99.970	100.0	1
KU	C1S	2078624	11/2017	11/02/2017	100.020	99.960	99.9	1
KU	C1S	2078625	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2078626	11/2017	11/02/2017	100.010	100.030	100.0	1
KU	C1S	2078627	11/2017	11/02/2017	99.990	100.010	100.0	1
KU	C1S	2078628	11/2017	11/02/2017	100.020	99.970	100.0	1
KU	C1S	2078629	11/2017	11/02/2017	99.950	99.930	100.0	1

KU	C1S	2078630	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2078631	11/2017	11/02/2017	99.990	100.000	100.0	1
KU	C1S	2078632	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2078633	11/2017	11/02/2017	100.040	99.980	100.0	1
KU	C1S	2078634	11/2017	11/02/2017	100.030	100.020	100.0	1
KU	C1S	2078635	11/2017	11/02/2017	99.980	99.980	100.0	1
KU	C1S	2078636	11/2017	11/02/2017	100.010	99.930	100.0	1
KU	C1S	2078637	11/2017	11/02/2017	99.980	99.960	100.0	1
KU	C1S	2078638	11/2017	11/02/2017	99.980	99.980	100.0	1
KU	C1S	2078639	11/2017	11/02/2017	99.990	100.000	100.0	1
KU	C1S	2078640	11/2017	11/02/2017	99.970	99.960	100.0	1
KU	C1S	2078641	11/2017	11/02/2017	100.020	99.980	100.0	1
KU	C1S	2078642	11/2017	11/02/2017	99.940	100.000	100.0	1
KU	C1S	2078643	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2078644	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2078645	11/2017	11/02/2017	99.980	99.970	100.0	1
KU	C1S	2078646	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2078647	11/2017	11/02/2017	100.020	100.000	100.0	1
KU	C1S	2078648	11/2017	11/02/2017	100.020	99.980	99.9	1
KU	C1S	2078649	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2078650	11/2017	11/02/2017	99.980	100.000	100.0	1
KU	C1S	2078651	11/2017	11/02/2017	99.980	99.990	100.0	1
KU	C1S	2078652	11/2017	11/02/2017	100.020	99.950	100.0	1
KU	C1S	2078653	11/2017	11/02/2017	99.990	100.000	100.0	1
KU	C1S	2078654	11/2017	11/02/2017	99.940	100.000	99.9	1
KU	C1S	2078655	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2078656	11/2017	11/02/2017	100.000	100.000	100.0	1
KU	C1S	2078657	11/2017	11/02/2017	100.010	100.010	100.0	1
KU	C1S	2078658	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2078659	11/2017	11/02/2017	100.000	99.950	99.9	1
KU	C1S	2078660	11/2017	11/02/2017	99.980	100.000	100.0	1
KU	C1S	2078661	11/2017	11/02/2017	99.990	99.980	99.9	1
KU	C1S	2078662	11/2017	11/02/2017	100.030	99.970	100.0	1
KU	C1S	2078663	11/2017	11/02/2017	99.990	99.960	100.0	1
KU	C1S	2078664	11/2017	11/02/2017	99.970	99.990	100.0	1
KU	C1S	2078665	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2078666	11/2017	11/02/2017	99.990	99.940	99.9	1
KU	C1S	2078667	11/2017	11/02/2017	99.990	99.960	100.0	1
KU	C1S	2078668	11/2017	11/02/2017	100.000	99.960	99.9	1
KU	C1S	2078669	11/2017	11/02/2017	100.020	99.960	99.9	1
KU	C1S	2078670	11/2017	11/02/2017	99.990	100.020	99.9	1
KU	C1S	2078671	11/2017	11/02/2017	99.980	99.960	99.9	1



KU	C1S	2078672	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2078673	11/2017	11/02/2017	99.970	99.990	100.0	1
KU	C1S	2078674	11/2017	11/02/2017	100.010	99.980	99.9	1
KU	C1S	2078675	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2078676	11/2017	11/02/2017	99.980	99.990	100.0	1
KU	C1S	2078677	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2078678	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2078679	11/2017	11/02/2017	99.960	99.980	100.0	1
KU	C1S	2078680	11/2017	11/02/2017	100.020	100.000	100.0	1
KU	C1S	2078681	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2078682	11/2017	11/02/2017	99.990	99.940	99.9	1
KU	C1S	2078683	11/2017	11/02/2017	100.000	99.970	99.9	1
KU	C1S	2078684	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2078685	11/2017	11/02/2017	100.000	100.000	100.0	1
KU	C1S	2078686	11/2017	11/02/2017	99.990	99.930	99.9	1
KU	C1S	2078687	11/2017	11/02/2017	100.030	100.000	100.0	1
KU	C1S	2078688	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2078689	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2078690	11/2017	11/02/2017	100.020	99.970	99.9	1
KU	C1S	2078691	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2078692	11/2017	11/02/2017	100.020	100.000	100.0	1
KU	C1S	2078693	11/2017	11/02/2017	100.000	99.920	99.9	1
KU	C1S	2078694	11/2017	11/02/2017	100.010	99.960	100.0	1
KU	C1S	2078695	11/2017	11/02/2017	100.020	99.970	100.0	1
KU	C1S	2078696	11/2017	11/02/2017	99.990	99.970	99.9	1
KU	C1S	2078697	11/2017	11/02/2017	99.950	99.930	100.0	1
KU	C1S	2078698	11/2017	11/02/2017	99.990	99.950	99.9	1
KU	C1S	2078699	11/2017	11/02/2017	99.980	100.010	100.0	1
KU	C1S	2078700	11/2017	11/02/2017	100.020	99.960	99.9	1
KU	C1S	2078701	11/2017	11/02/2017	100.000	99.960	100.0	1
KU	C1S	2078702	11/2017	11/02/2017	100.010	99.960	99.9	1
KU	C1S	2078703	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2078704	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2078705	11/2017	11/02/2017	99.970	99.990	100.0	1
KU	C1S	2078706	11/2017	11/02/2017	100.010	99.950	99.9	1
KU	C1S	2078707	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2078708	11/2017	11/02/2017	99.980	100.010	100.0	1
KU	C1S	2078709	11/2017	11/02/2017	100.040	99.990	100.0	1
KU	C1S	2078710	11/2017	11/02/2017	99.980	99.990	100.0	1
KU	C1S	2078711	11/2017	11/02/2017	99.990	100.020	100.0	1
KU	C1S	2078712	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2078713	11/2017	11/02/2017	99.980	99.970	100.0	1

KU	C1S	2078714	11/2017	11/02/2017	100.010	99.920	99.9	1
KU	C1S	2078715	11/2017	11/02/2017	99.990	99.950	100.0	1
KU	C1S	2078716	11/2017	11/02/2017	100.010	99.910	99.9	1
KU	C1S	2078717	11/2017	11/02/2017	99.980	100.000	100.0	1
KU	C1S	2078718	11/2017	11/02/2017	100.010	99.950	100.0	1
KU	C1S	2078719	11/2017	11/02/2017	100.030	99.980	99.9	1
KU	C1S	2078720	11/2017	11/02/2017	100.030	99.980	99.9	1
KU	C1S	2078721	11/2017	11/02/2017	100.000	99.980	99.9	1
KU	C1S	2078722	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2078723	11/2017	11/02/2017	99.990	100.000	100.0	1
KU	C1S	2078724	11/2017	11/02/2017	100.000	100.000	100.0	1
KU	C1S	2078725	11/2017	11/02/2017	100.000	100.000	100.0	1
KU	C1S	2078726	11/2017	11/02/2017	100.030	99.960	99.9	1
KU	C1S	2078727	11/2017	11/02/2017	100.020	100.020	100.0	1
KU	C1S	2078728	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2078729	11/2017	11/02/2017	99.980	99.990	100.0	1
KU	C1S	2078730	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2078731	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2078732	11/2017	11/02/2017	99.990	100.000	100.0	1
KU	C1S	2078733	11/2017	11/02/2017	100.010	99.950	99.9	1
KU	C1S	2078734	11/2017	11/02/2017	100.030	99.990	100.0	1
KU	C1S	2078735	11/2017	11/02/2017	99.990	100.010	99.9	1
KU	C1S	2078736	11/2017	11/02/2017	100.020	99.950	99.9	1
KU	C1S	2078737	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2078738	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2078739	11/2017	11/02/2017	100.020	99.980	100.0	1
KU	C1S	2078740	11/2017	11/02/2017	100.010	99.970	99.9	1
KU	C1S	2078741	11/2017	11/02/2017	100.040	100.000	100.0	1
KU	C1S	2078742	11/2017	11/02/2017	100.000	99.920	100.0	1
KU	C1S	2078743	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2078744	11/2017	11/02/2017	100.000	99.970	99.9	1
KU	C1S	2078745	11/2017	11/02/2017	99.980	99.960	99.9	1
KU	C1S	2078746	11/2017	11/02/2017	99.970	99.960	99.9	1
KU	C1S	2078747	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2078748	11/2017	11/02/2017	100.040	99.950	100.0	1
KU	C1S	2078749	11/2017	11/02/2017	100.040	99.950	99.9	1
KU	C1S	2078750	11/2017	11/02/2017	100.000	100.030	100.0	1
KU	C1S	2078751	11/2017	11/02/2017	100.010	99.980	99.9	1
KU	C1S	2078752	11/2017	11/02/2017	100.000	100.000	100.0	1
KU	C1S	2078753	11/2017	11/02/2017	100.000	100.000	100.0	1
KU	C1S	2078754	11/2017	11/02/2017	99.990	99.980	99.9	1
KU	C1S	2078755	11/2017	11/02/2017	100.030	99.970	99.9	1

KU	C1S	2078756	11/2017	11/02/2017	100.030	99.970	99.9	1
KU	C1S	2078757	11/2017	11/02/2017	100.000	99.970	99.9	1
KU	C1S	2078758	11/2017	11/02/2017	100.000	100.000	100.0	1
KU	C1S	2078759	11/2017	11/02/2017	100.000	99.990	99.9	1
KU	C1S	2078760	11/2017	11/02/2017	100.010	100.010	100.0	1
KU	C1S	2078761	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2078762	11/2017	11/02/2017	99.990	99.950	99.9	1
KU	C1S	2078763	11/2017	11/02/2017	99.990	99.950	99.9	1
KU	C1S	2078764	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2078765	11/2017	11/02/2017	99.950	99.970	100.0	1
KU	C1S	2078766	11/2017	11/02/2017	100.020	99.990	99.9	1
KU	C1S	2078767	11/2017	11/02/2017	100.020	99.980	100.0	1
KU	C1S	2078768	11/2017	11/02/2017	100.000	99.960	99.9	1
KU	C1S	2078769	11/2017	11/02/2017	99.990	99.910	99.9	1
KU	C1S	2078770	11/2017	11/02/2017	99.990	100.010	100.0	1
KU	C1S	2078771	11/2017	11/02/2017	100.010	100.000	99.9	1
KU	C1S	2078772	11/2017	11/02/2017	99.990	100.000	100.0	1
KU	C1S	2078773	11/2017	11/02/2017	99.970	99.970	99.9	1
KU	C1S	2078774	11/2017	11/02/2017	100.010	99.940	99.9	1
KU	C1S	2078775	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2078776	11/2017	11/02/2017	99.980	99.950	99.9	1
KU	C1S	2078777	11/2017	11/02/2017	100.030	99.960	100.0	1
KU	C1S	2078778	11/2017	11/02/2017	100.000	99.940	100.0	1
KU	C1S	2078779	11/2017	11/02/2017	100.010	99.950	99.9	1
KU	C1S	2078780	11/2017	11/02/2017	100.020	99.950	100.0	1
KU	C1S	2078781	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2078782	11/2017	11/02/2017	100.010	99.930	99.9	1
KU	C1S	2078783	11/2017	11/02/2017	99.990	99.940	100.0	1
KU	C1S	2078784	11/2017	11/02/2017	99.980	100.020	100.0	1
KU	C1S	2078785	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2078786	11/2017	11/02/2017	100.030	100.000	100.0	1
KU	C1S	2078787	11/2017	11/02/2017	99.990	100.000	100.0	1
KU	C1S	2078788	11/2017	11/02/2017	100.000	100.000	100.0	1
KU	C1S	2078789	11/2017	11/02/2017	99.980	99.950	100.0	1
KU	C1S	2078790	11/2017	11/02/2017	99.970	99.970	100.0	1
KU	C1S	2078791	11/2017	11/02/2017	100.000	100.000	100.0	1
KU	C1S	2078792	11/2017	11/02/2017	100.010	99.970	99.9	1
KU	C1S	2078793	11/2017	11/02/2017	100.020	99.960	100.0	1
KU	C1S	2078794	11/2017	11/02/2017	100.020	100.000	100.0	1
KU	C1S	2078795	11/2017	11/02/2017	100.000	99.960	100.0	1
KU	C1S	2078796	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2078797	11/2017	11/02/2017	100.010	99.970	100.0	1

KU	C1S	2078798	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2078799	11/2017	11/02/2017	99.980	99.960	99.9	1
KU	C1S	2078800	11/2017	11/02/2017	100.020	99.950	99.9	1
KU	C1S	2078801	11/2017	11/02/2017	100.020	99.990	100.0	1
KU	C1S	2078802	11/2017	11/02/2017	99.990	99.920	100.0	1
KU	C1S	2078803	11/2017	11/02/2017	100.020	99.950	100.0	1
KU	C1S	2078804	11/2017	11/02/2017	99.980	99.950	99.9	1
KU	C1S	2078805	11/2017	11/02/2017	100.030	99.980	99.9	1
KU	C1S	2078806	11/2017	11/02/2017	99.970	99.940	99.9	1
KU	C1S	2078807	11/2017	11/02/2017	100.010	99.960	100.0	1
KU	C1S	2078808	11/2017	11/02/2017	100.020	99.950	100.0	1
KU	C1S	2078809	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2078810	11/2017	11/02/2017	100.020	99.980	100.0	1
KU	C1S	2078811	11/2017	11/02/2017	100.070	99.970	99.9	1
KU	C1S	2078812	11/2017	11/02/2017	100.010	99.960	99.9	1
KU	C1S	2078813	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2078814	11/2017	11/02/2017	100.000	99.960	100.0	1
KU	C1S	2078815	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2078816	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2078817	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2078818	11/2017	11/02/2017	100.020	99.960	100.0	1
KU	C1S	2078819	11/2017	11/02/2017	100.000	99.950	100.0	1
KU	C1S	2078820	11/2017	11/02/2017	99.990	99.960	99.9	1
KU	C1S	2078821	11/2017	11/02/2017	99.990	99.940	99.9	1
KU	C1S	2078822	11/2017	11/02/2017	100.000	99.960	99.9	1
KU	C1S	2078823	11/2017	11/02/2017	99.950	99.970	99.9	1
KU	C1S	2078824	11/2017	11/02/2017	100.020	99.970	100.0	1
KU	C1S	2078825	11/2017	11/02/2017	99.970	99.920	99.9	1
KU	C1S	2078826	11/2017	11/02/2017	99.990	100.000	100.0	1
KU	C1S	2078827	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2078828	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2078829	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2078830	11/2017	11/02/2017	99.980	99.960	99.9	1
KU	C1S	2078831	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2078832	11/2017	11/02/2017	100.010	99.950	100.0	1
KU	C1S	2078833	11/2017	11/02/2017	99.960	100.010	100.0	1
KU	C1S	2078834	11/2017	11/02/2017	99.990	99.950	99.9	1
KU	C1S	2078835	11/2017	11/02/2017	100.020	99.970	99.9	1
KU	C1S	2078836	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2078837	11/2017	11/02/2017	100.010	99.940	100.0	1
KU	C1S	2078838	11/2017	11/02/2017	99.980	99.980	100.0	1
KU	C1S	2078839	11/2017	11/02/2017	99.980	100.000	100.0	1

KU	C1S	2078840	11/2017	11/02/2017	100.010	100.010	100.0	1
KU	C1S	2078841	11/2017	11/02/2017	99.990	99.940	99.9	1
KU	C1S	2078842	11/2017	11/02/2017	100.040	99.950	99.9	1
KU	C1S	2078843	11/2017	11/02/2017	100.020	100.010	100.0	1
KU	C1S	2078844	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2078845	11/2017	11/02/2017	99.990	100.000	100.0	1
KU	C1S	2078846	11/2017	11/02/2017	100.020	99.940	99.9	1
KU	C1S	2078847	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2078848	11/2017	11/02/2017	100.040	99.970	100.0	1
KU	C1S	2078849	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2078850	11/2017	11/02/2017	99.990	99.940	100.0	1
KU	C1S	2078851	11/2017	11/02/2017	99.980	100.010	100.0	1
KU	C1S	2078852	11/2017	11/02/2017	99.960	99.970	100.0	1
KU	C1S	2078853	11/2017	11/02/2017	100.020	100.000	100.0	1
KU	C1S	2078854	11/2017	11/02/2017	99.990	99.950	100.0	1
KU	C1S	2078855	11/2017	11/02/2017	100.050	99.940	100.0	1
KU	C1S	2078856	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2078857	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2078858	11/2017	11/02/2017	99.980	99.950	100.0	1
KU	C1S	2078859	11/2017	11/02/2017	100.010	99.960	100.0	1
KU	C1S	2078860	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2078861	11/2017	11/02/2017	100.000	99.920	100.0	1
KU	C1S	2078862	11/2017	11/02/2017	100.010	99.980	99.9	1
KU	C1S	2078863	11/2017	11/02/2017	100.010	99.950	99.9	1
KU	C1S	2078864	11/2017	11/02/2017	99.970	99.970	100.0	1
KU	C1S	2078865	11/2017	11/02/2017	99.990	100.010	100.0	1
KU	C1S	2078866	11/2017	11/02/2017	100.010	99.960	99.9	1
KU	C1S	2078867	11/2017	11/02/2017	100.000	100.000	99.9	1
KU	C1S	2078868	11/2017	11/02/2017	99.960	100.030	100.0	1
KU	C1S	2078869	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2078870	11/2017	11/02/2017	99.980	99.960	100.0	1
KU	C1S	2078871	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2078872	11/2017	11/02/2017	100.020	99.980	100.0	1
KU	C1S	2078873	11/2017	11/02/2017	100.010	99.980	99.9	1
KU	C1S	2078874	11/2017	11/02/2017	99.960	99.980	100.0	1
KU	C1S	2078875	11/2017	11/02/2017	99.960	99.960	99.9	1
KU	C1S	2078876	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2078877	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2078878	11/2017	11/02/2017	100.010	99.950	100.0	1
KU	C1S	2078879	11/2017	11/02/2017	100.020	99.980	100.0	1
KU	C1S	2078880	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2078881	11/2017	11/02/2017	100.000	99.990	100.0	1

KU	C1S	2078882	11/2017	11/02/2017	99.960	99.960	100.0	1
KU	C1S	2078883	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2078884	11/2017	11/02/2017	100.020	99.970	100.0	1
KU	C1S	2078885	11/2017	11/02/2017	100.010	99.960	100.0	1
KU	C1S	2078886	11/2017	11/02/2017	99.980	100.010	100.0	1
KU	C1S	2078887	11/2017	11/02/2017	100.000	99.980	100.1	1
KU	C1S	2078888	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2078889	11/2017	11/02/2017	99.990	99.930	100.0	1
KU	C1S	2078890	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2078891	11/2017	11/02/2017	99.990	99.950	100.0	1
KU	C1S	2078892	11/2017	11/02/2017	99.960	99.950	100.0	1
KU	C1S	2078893	11/2017	11/02/2017	100.000	99.940	100.0	1
KU	C1S	2078894	11/2017	11/02/2017	100.020	99.970	100.0	1
KU	C1S	2078895	11/2017	11/02/2017	99.990	99.960	100.0	1
KU	C1S	2078896	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2078897	11/2017	11/02/2017	100.020	99.940	100.0	1
KU	C1S	2078898	11/2017	11/02/2017	100.020	99.980	100.0	1
KU	C1S	2078899	11/2017	11/02/2017	100.010	100.020	100.0	1
KU	C1S	2078900	11/2017	11/02/2017	99.960	99.940	100.0	1
KU	C1S	2078901	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2078902	11/2017	11/02/2017	100.020	99.950	100.0	1
KU	C1S	2078903	11/2017	11/02/2017	99.990	99.910	99.9	1
KU	C1S	2078904	11/2017	11/02/2017	100.040	99.940	100.0	1
KU	C1S	2078905	11/2017	11/02/2017	100.010	100.010	100.0	1
KU	C1S	2078906	11/2017	11/02/2017	99.990	99.940	99.9	1
KU	C1S	2078907	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2078908	11/2017	11/02/2017	99.950	99.980	99.9	1
KU	C1S	2078909	11/2017	11/02/2017	99.970	99.990	100.0	1
KU	C1S	2078910	11/2017	11/02/2017	100.030	99.940	99.9	1
KU	C1S	2078911	11/2017	11/02/2017	99.970	99.970	100.0	1
KU	C1S	2078912	11/2017	11/02/2017	100.040	100.050	100.0	1
KU	C1S	2078913	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2078914	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2078915	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2078916	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2078917	11/2017	11/02/2017	99.970	99.960	100.0	1
KU	C1S	2078918	11/2017	11/02/2017	100.060	100.010	100.0	1
KU	C1S	2078919	11/2017	11/02/2017	99.990	99.950	100.0	1
KU	C1S	2078920	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2078921	11/2017	11/02/2017	100.000	99.970	99.9	1
KU	C1S	2078922	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2078923	11/2017	11/02/2017	99.990	99.990	100.0	1

KU	C1S	2078924	11/2017	11/02/2017	99.980	99.950	99.9	1
KU	C1S	2078925	11/2017	11/02/2017	100.010	99.930	100.0	1
KU	C1S	2078926	11/2017	11/02/2017	99.990	99.960	100.0	1
KU	C1S	2078927	11/2017	11/02/2017	100.020	99.970	100.0	1
KU	C1S	2078928	11/2017	11/02/2017	99.970	99.960	100.0	1
KU	C1S	2078929	11/2017	11/02/2017	100.020	99.960	100.0	1
KU	C1S	2078930	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2078931	11/2017	11/02/2017	100.020	100.000	100.0	1
KU	C1S	2078932	11/2017	11/02/2017	100.050	99.990	100.0	1
KU	C1S	2078933	11/2017	11/02/2017	99.990	99.960	99.9	1
KU	C1S	2078934	11/2017	11/02/2017	99.990	99.960	99.9	1
KU	C1S	2078935	11/2017	11/02/2017	99.950	99.950	100.0	1
KU	C1S	2078936	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2078937	11/2017	11/02/2017	100.000	99.960	99.9	1
KU	C1S	2078938	11/2017	11/02/2017	100.010	99.930	99.9	1
KU	C1S	2078939	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2078940	11/2017	11/02/2017	99.990	99.960	99.9	1
KU	C1S	2078941	11/2017	11/02/2017	100.000	99.960	100.0	1
KU	C1S	2078942	11/2017	11/02/2017	99.990	99.950	100.0	1
KU	C1S	2078943	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2078944	11/2017	11/02/2017	100.010	99.940	100.0	1
KU	C1S	2078945	11/2017	11/02/2017	99.980	100.000	100.0	1
KU	C1S	2078946	11/2017	11/02/2017	100.000	99.960	100.0	1
KU	C1S	2078947	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2078948	11/2017	11/02/2017	100.030	100.000	100.0	1
KU	C1S	2078949	11/2017	11/02/2017	99.990	99.950	99.9	1
KU	C1S	2078950	11/2017	11/02/2017	100.030	99.990	100.0	1
KU	C1S	2078951	11/2017	11/02/2017	99.970	100.000	100.0	1
KU	C1S	2078952	11/2017	11/02/2017	99.960	99.990	100.0	1
KU	C1S	2078953	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2078954	11/2017	11/02/2017	99.990	99.960	99.9	1
KU	C1S	2078955	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2078956	11/2017	11/02/2017	99.990	99.950	100.0	1
KU	C1S	2078957	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2078958	11/2017	11/02/2017	100.010	99.930	100.0	1
KU	C1S	2078959	11/2017	11/02/2017	100.000	99.940	100.0	1
KU	C1S	2078960	11/2017	11/02/2017	99.980	99.980	100.0	1
KU	C1S	2078961	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2078962	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2078963	11/2017	11/02/2017	100.020	99.970	100.0	1
KU	C1S	2078964	11/2017	11/02/2017	100.020	99.990	100.0	1
KU	C1S	2078965	11/2017	11/02/2017	100.000	99.990	100.0	1

KU	C1S	2078966	11/2017	11/02/2017	100.020	99.930	100.0	1
KU	C1S	2078967	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2078968	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2078969	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2078970	11/2017	11/02/2017	100.000	100.000	100.0	1
KU	C1S	2078971	11/2017	11/02/2017	100.000	99.950	100.0	1
KU	C1S	2078972	11/2017	11/02/2017	99.990	100.030	100.0	1
KU	C1S	2078973	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2078974	11/2017	11/02/2017	100.000	100.010	100.0	1
KU	C1S	2078975	11/2017	11/02/2017	99.990	100.020	100.0	1
KU	C1S	2078976	11/2017	11/02/2017	99.980	99.980	100.0	1
KU	C1S	2078977	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2078978	11/2017	11/02/2017	100.030	99.960	99.9	1
KU	C1S	2078979	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2078980	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2078981	11/2017	11/02/2017	100.030	99.980	100.0	1
KU	C1S	2078982	11/2017	11/02/2017	100.000	100.000	100.0	1
KU	C1S	2078983	11/2017	11/02/2017	99.980	99.950	100.0	1
KU	C1S	2078984	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2078985	11/2017	11/02/2017	100.020	99.970	100.0	1
KU	C1S	2078986	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2078987	11/2017	11/02/2017	100.040	99.990	100.0	1
KU	C1S	2078988	11/2017	11/02/2017	99.990	100.010	100.0	1
KU	C1S	2078989	11/2017	11/02/2017	100.030	99.940	99.9	1
KU	C1S	2078990	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2078991	11/2017	11/02/2017	99.980	100.020	100.0	1
KU	C1S	2078992	11/2017	11/02/2017	99.960	99.970	100.0	1
KU	C1S	2078993	11/2017	11/02/2017	100.030	100.010	100.0	1
KU	C1S	2078994	11/2017	11/02/2017	99.970	100.000	100.0	1
KU	C1S	2078995	11/2017	11/02/2017	99.980	100.000	99.9	1
KU	C1S	2078996	11/2017	11/02/2017	100.020	99.930	99.9	1
KU	C1S	2078997	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2078998	11/2017	11/02/2017	99.990	99.940	100.0	1
KU	C1S	2078999	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2079000	11/2017	11/02/2017	99.980	100.000	100.0	1
KU	C1S	2079001	11/2017	11/02/2017	100.000	99.940	99.9	1
KU	C1S	2079002	11/2017	11/02/2017	99.990	99.940	99.9	1
KU	C1S	2079003	11/2017	11/02/2017	100.040	100.030	100.0	1
KU	C1S	2079004	11/2017	11/02/2017	99.990	99.990	99.9	1
KU	C1S	2079005	11/2017	11/02/2017	100.030	100.000	100.0	1
KU	C1S	2079006	11/2017	11/02/2017	99.970	99.960	99.9	1
KU	C1S	2079007	11/2017	11/02/2017	100.000	99.920	99.9	1



KU	C1S	2079008	11/2017	11/02/2017	99.990	99.960	99.9	1
KU	C1S	2079009	11/2017	11/02/2017	99.980	99.950	99.9	1
KU	C1S	2079010	11/2017	11/02/2017	100.000	99.980	99.9	1
KU	C1S	2079011	11/2017	11/02/2017	100.000	100.000	100.0	1
KU	C1S	2079012	11/2017	11/02/2017	99.960	99.990	100.0	1
KU	C1S	2079013	11/2017	11/02/2017	99.980	99.980	99.9	1
KU	C1S	2079014	11/2017	11/02/2017	100.010	100.020	100.0	1
KU	C1S	2079015	11/2017	11/02/2017	100.010	99.950	100.0	1
KU	C1S	2079016	11/2017	11/02/2017	99.980	100.000	100.0	1
KU	C1S	2079017	11/2017	11/02/2017	99.990	100.020	100.0	1
KU	C1S	2079018	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2079019	11/2017	11/02/2017	100.020	99.970	100.0	1
KU	C1S	2079020	11/2017	11/02/2017	100.000	99.960	99.9	1
KU	C1S	2079021	11/2017	11/02/2017	100.020	99.990	100.0	1
KU	C1S	2079022	11/2017	11/02/2017	99.980	99.980	100.1	1
KU	C1S	2079023	11/2017	11/02/2017	99.980	99.930	99.9	1
KU	C1S	2079024	11/2017	11/02/2017	100.020	99.950	100.0	1
KU	C1S	2079025	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2079026	11/2017	11/02/2017	100.000	99.950	100.0	1
KU	C1S	2079027	11/2017	11/02/2017	100.000	99.960	100.0	1
KU	C1S	2079028	11/2017	11/02/2017	100.010	99.950	100.0	1
KU	C1S	2079029	11/2017	11/02/2017	100.060	99.990	99.9	1
KU	C1S	2079030	11/2017	11/02/2017	100.010	99.960	99.9	1
KU	C1S	2079031	11/2017	11/02/2017	99.980	99.950	99.9	1
KU	C1S	2079032	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2079033	11/2017	11/02/2017	100.020	99.970	100.0	1
KU	C1S	2079034	11/2017	11/02/2017	100.010	99.960	100.0	1
KU	C1S	2079035	11/2017	11/02/2017	100.000	99.960	100.0	1
KU	C1S	2079036	11/2017	11/02/2017	99.980	99.970	99.9	1
KU	C1S	2079037	11/2017	11/02/2017	100.020	99.980	100.0	1
KU	C1S	2079038	11/2017	11/02/2017	100.010	99.960	99.9	1
KU	C1S	2079039	11/2017	11/02/2017	100.000	99.970	99.9	1
KU	C1S	2079040	11/2017	11/02/2017	99.960	99.970	99.9	1
KU	C1S	2079041	11/2017	11/02/2017	100.010	99.950	100.0	1
KU	C1S	2079042	11/2017	11/02/2017	100.050	99.960	100.0	1
KU	C1S	2079043	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2079044	11/2017	11/02/2017	100.030	99.990	100.0	1
KU	C1S	2079045	11/2017	11/02/2017	100.010	99.960	100.0	1
KU	C1S	2079046	11/2017	11/02/2017	100.020	99.990	100.0	1
KU	C1S	2079047	11/2017	11/02/2017	100.000	100.000	100.0	1
KU	C1S	2079048	11/2017	11/02/2017	100.010	99.980	99.9	1
KU	C1S	2079049	11/2017	11/02/2017	99.980	99.980	99.9	1

KU	C1S	2079050	11/2017	11/02/2017	100.030	99.960	100.0	1
KU	C1S	2079051	11/2017	11/02/2017	99.970	99.930	99.9	1
KU	C1S	2079052	11/2017	11/02/2017	100.020	99.940	99.9	1
KU	C1S	2079053	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2079054	11/2017	11/02/2017	100.010	99.930	99.9	1
KU	C1S	2079055	11/2017	11/02/2017	100.020	99.980	99.9	1
KU	C1S	2079056	11/2017	11/02/2017	100.020	99.990	100.0	1
KU	C1S	2079057	11/2017	11/02/2017	99.970	100.020	100.0	1
KU	C1S	2079058	11/2017	11/02/2017	99.980	99.960	100.0	1
KU	C1S	2079059	11/2017	11/02/2017	99.970	99.930	99.9	1
KU	C1S	2079060	11/2017	11/02/2017	100.000	99.940	99.9	1
KU	C1S	2079061	11/2017	11/02/2017	99.990	99.920	99.9	1
KU	C1S	2079062	11/2017	11/02/2017	100.040	99.950	100.0	1
KU	C1S	2079063	11/2017	11/02/2017	99.980	99.980	100.0	1
KU	C1S	2079064	11/2017	11/02/2017	100.020	99.990	100.0	1
KU	C1S	2079065	11/2017	11/02/2017	100.000	99.960	100.0	1
KU	C1S	2079066	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2079067	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2079068	11/2017	11/02/2017	99.990	99.970	99.9	1
KU	C1S	2079069	11/2017	11/02/2017	100.010	99.970	99.9	1
KU	C1S	2079070	11/2017	11/02/2017	99.960	100.010	100.0	1
KU	C1S	2079071	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2079072	11/2017	11/02/2017	99.990	100.010	100.0	1
KU	C1S	2079073	11/2017	11/02/2017	99.970	100.030	100.0	1
KU	C1S	2079074	11/2017	11/02/2017	100.040	99.980	100.0	1
KU	C1S	2079075	11/2017	11/02/2017	99.990	99.950	99.9	1
KU	C1S	2079076	11/2017	11/02/2017	99.970	100.020	100.0	1
KU	C1S	2079077	11/2017	11/02/2017	99.980	99.920	100.0	1
KU	C1S	2079078	11/2017	11/02/2017	100.000	99.950	99.9	1
KU	C1S	2079079	11/2017	11/02/2017	100.020	99.990	100.0	1
KU	C1S	2079080	11/2017	11/02/2017	100.000	99.950	99.9	1
KU	C1S	2079081	11/2017	11/02/2017	99.950	99.980	100.0	1
KU	C1S	2079082	11/2017	11/02/2017	100.020	99.980	100.0	1
KU	C1S	2079083	11/2017	11/02/2017	100.020	99.990	100.0	1
KU	C1S	2079084	11/2017	11/02/2017	100.020	99.920	99.9	1
KU	C1S	2079085	11/2017	11/02/2017	100.020	100.050	100.0	1
KU	C1S	2079086	11/2017	11/02/2017	99.960	99.990	100.0	1
KU	C1S	2079087	11/2017	11/02/2017	100.020	99.960	100.0	1
KU	C1S	2079088	11/2017	11/02/2017	100.000	99.960	100.0	1
KU	C1S	2079089	11/2017	11/02/2017	99.980	99.980	100.0	1
KU	C1S	2079090	11/2017	11/02/2017	99.990	99.990	99.9	1
KU	C1S	2079091	11/2017	11/02/2017	99.990	99.990	100.0	1

KU	C1S	2079092	11/2017	11/02/2017	99.980	99.980	100.0	1
KU	C1S	2079093	11/2017	11/02/2017	99.960	99.920	99.9	1
KU	C1S	2079094	11/2017	11/02/2017	99.970	99.980	99.9	1
KU	C1S	2079095	11/2017	11/02/2017	99.960	99.980	100.0	1
KU	C1S	2079096	11/2017	11/02/2017	99.980	100.000	100.0	1
KU	C1S	2079097	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2079098	11/2017	11/02/2017	99.980	99.970	99.9	1
KU	C1S	2079099	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2079100	11/2017	11/02/2017	100.000	99.950	100.0	1
KU	C1S	2079101	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2079102	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2079103	11/2017	11/02/2017	99.980	99.950	99.9	1
KU	C1S	2079104	11/2017	11/02/2017	99.980	99.980	100.0	1
KU	C1S	2079105	11/2017	11/02/2017	99.980	100.020	100.0	1
KU	C1S	2079106	11/2017	11/02/2017	100.020	99.930	99.9	1
KU	C1S	2079107	11/2017	11/02/2017	100.020	99.970	100.0	1
KU	C1S	2079108	11/2017	11/02/2017	99.990	100.010	100.0	1
KU	C1S	2079109	11/2017	11/02/2017	100.000	100.000	100.0	1
KU	C1S	2079110	11/2017	11/02/2017	100.020	100.020	100.0	1
KU	C1S	2079111	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2079112	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2079113	11/2017	11/02/2017	100.030	99.940	99.9	1
KU	C1S	2079114	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2079115	11/2017	11/02/2017	99.970	99.950	99.9	1
KU	C1S	2079116	11/2017	11/02/2017	100.020	100.010	100.0	1
KU	C1S	2079117	11/2017	11/02/2017	100.010	99.960	99.9	1
KU	C1S	2079118	11/2017	11/02/2017	100.030	99.940	99.9	1
KU	C1S	2079119	11/2017	11/02/2017	99.980	100.000	99.9	1
KU	C1S	2079120	11/2017	11/02/2017	99.980	99.970	99.9	1
KU	C1S	2079121	11/2017	11/02/2017	99.990	99.920	99.9	1
KU	C1S	2079122	11/2017	11/02/2017	100.000	99.950	99.9	1
KU	C1S	2079123	11/2017	11/02/2017	99.970	99.970	99.9	1
KU	C1S	2079124	11/2017	11/02/2017	99.990	99.970	99.9	1
KU	C1S	2079125	11/2017	11/02/2017	99.980	99.940	99.9	1
KU	C1S	2079126	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2079127	11/2017	11/02/2017	100.010	99.950	100.0	1
KU	C1S	2079128	11/2017	11/02/2017	100.020	99.940	99.9	1
KU	C1S	2079129	11/2017	11/02/2017	100.010	99.960	99.9	1
KU	C1S	2079130	11/2017	11/02/2017	99.990	99.950	99.9	1
KU	C1S	2079131	11/2017	11/02/2017	100.050	99.960	100.0	1
KU	C1S	2079132	11/2017	11/02/2017	99.990	99.950	99.9	1
KU	C1S	2079133	11/2017	11/02/2017	100.000	99.970	100.0	1

KU	C1S	2079134	11/2017	11/02/2017	100.000	100.000	99.9	1
KU	C1S	2079135	11/2017	11/02/2017	100.010	99.970	99.9	1
KU	C1S	2079136	11/2017	11/02/2017	99.980	100.010	100.0	1
KU	C1S	2079137	11/2017	11/02/2017	100.010	99.970	99.9	1
KU	C1S	2079138	11/2017	11/02/2017	100.010	99.950	99.9	1
KU	C1S	2079139	11/2017	11/02/2017	100.040	99.970	99.9	1
KU	C1S	2079140	11/2017	11/02/2017	100.040	100.020	100.0	1
KU	C1S	2079141	11/2017	11/02/2017	100.030	100.000	100.0	1
KU	C1S	2079142	11/2017	11/02/2017	100.000	99.940	99.9	1
KU	C1S	2079143	11/2017	11/02/2017	100.000	100.020	100.0	1
KU	C1S	2079144	11/2017	11/02/2017	100.010	99.970	99.9	1
KU	C1S	2079145	11/2017	11/02/2017	100.010	99.950	99.9	1
KU	C1S	2079146	11/2017	11/02/2017	99.970	99.950	99.9	1
KU	C1S	2079147	11/2017	11/02/2017	99.970	99.980	100.0	1
KU	C1S	2079148	11/2017	11/02/2017	100.000	99.960	99.9	1
KU	C1S	2079149	11/2017	11/02/2017	100.000	99.990	99.9	1
KU	C1S	2079150	11/2017	11/02/2017	99.990	99.960	100.0	1
KU	C1S	2079151	11/2017	11/02/2017	99.970	99.910	99.9	1
KU	C1S	2079152	11/2017	11/02/2017	99.990	99.980	99.9	1
KU	C1S	2079153	11/2017	11/02/2017	99.980	99.950	99.9	1
KU	C1S	2079154	11/2017	11/02/2017	100.020	99.980	99.9	1
KU	C1S	2079155	11/2017	11/02/2017	100.000	99.990	99.9	1
KU	C1S	2079156	11/2017	11/02/2017	100.020	100.020	100.0	1
KU	C1S	2079157	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2079158	11/2017	11/02/2017	100.000	99.970	99.9	1
KU	C1S	2079159	11/2017	11/02/2017	100.010	99.940	99.9	1
KU	C1S	2079160	11/2017	11/02/2017	100.010	99.940	99.9	1
KU	C1S	2079161	11/2017	11/02/2017	100.030	99.980	100.0	1
KU	C1S	2079162	11/2017	11/02/2017	100.010	99.950	99.9	1
KU	C1S	2079163	11/2017	11/02/2017	100.010	99.990	99.9	1
KU	C1S	2079164	11/2017	11/02/2017	99.990	99.950	100.0	1
KU	C1S	2079165	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2079166	11/2017	11/02/2017	100.010	99.970	99.9	1
KU	C1S	2079167	11/2017	11/02/2017	100.020	99.930	99.9	1
KU	C1S	2079168	11/2017	11/02/2017	100.020	99.980	100.0	1
KU	C1S	2079169	11/2017	11/02/2017	100.060	99.970	100.0	1
KU	C1S	2079170	11/2017	11/02/2017	100.010	99.990	99.9	1
KU	C1S	2079171	11/2017	11/02/2017	99.990	99.940	99.9	1
KU	C1S	2079172	11/2017	11/02/2017	99.980	99.950	99.9	1
KU	C1S	2079173	11/2017	11/02/2017	99.960	99.930	99.9	1
KU	C1S	2079174	11/2017	11/02/2017	100.010	99.940	99.9	1
KU	C1S	2079175	11/2017	11/02/2017	99.990	99.950	99.9	1

KU	C1S	2079176	11/2017	11/02/2017	99.970	99.980	100.0	1
KU	C1S	2079177	11/2017	11/02/2017	100.000	99.910	99.9	1
KU	C1S	2079178	11/2017	11/02/2017	100.020	99.970	99.9	1
KU	C1S	2079179	11/2017	11/02/2017	99.950	99.960	100.0	1
KU	C1S	2079180	11/2017	11/02/2017	100.000	99.950	99.9	1
KU	C1S	2079181	11/2017	11/02/2017	99.990	99.940	99.9	1
KU	C1S	2079182	11/2017	11/02/2017	100.010	99.930	99.9	1
KU	C1S	2079183	11/2017	11/02/2017	100.020	99.930	99.9	1
KU	C1S	2079184	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2079185	11/2017	11/02/2017	100.050	99.990	100.0	1
KU	C1S	2079186	11/2017	11/02/2017	100.020	99.990	100.0	1
KU	C1S	2079187	11/2017	11/02/2017	99.990	99.910	99.9	1
KU	C1S	2079188	11/2017	11/02/2017	99.970	99.940	99.9	1
KU	C1S	2079189	11/2017	11/02/2017	100.000	99.950	99.9	1
KU	C1S	2079190	11/2017	11/02/2017	100.050	99.960	100.0	1
KU	C1S	2079191	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2079192	11/2017	11/02/2017	99.980	99.920	99.9	1
KU	C1S	2079193	11/2017	11/02/2017	100.030	99.990	100.0	1
KU	C1S	2079194	11/2017	11/02/2017	99.980	100.020	100.0	1
KU	C1S	2079195	11/2017	11/02/2017	100.010	99.970	99.9	1
KU	C1S	2079196	11/2017	11/02/2017	100.020	99.980	100.0	1
KU	C1S	2079197	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2079198	11/2017	11/02/2017	100.020	99.950	99.9	1
KU	C1S	2079199	11/2017	11/02/2017	100.010	99.930	99.9	1
KU	C1S	2079200	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2079201	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2079202	11/2017	11/02/2017	100.030	99.960	100.0	1
KU	C1S	2079203	11/2017	11/02/2017	100.000	100.000	100.0	1
KU	C1S	2079204	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2079205	11/2017	11/02/2017	100.010	99.960	99.9	1
KU	C1S	2079206	11/2017	11/02/2017	100.040	99.940	99.9	1
KU	C1S	2079207	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2079208	11/2017	11/02/2017	99.980	99.930	99.9	1
KU	C1S	2079209	11/2017	11/02/2017	100.000	100.000	99.9	1
KU	C1S	2079210	11/2017	11/02/2017	100.040	99.980	100.0	1
KU	C1S	2079211	11/2017	11/02/2017	100.050	99.980	100.1	1
KU	C1S	2079212	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2079213	11/2017	11/02/2017	99.950	99.940	99.9	1
KU	C1S	2079214	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2079215	11/2017	11/02/2017	100.000	99.960	99.9	1
KU	C1S	2079216	11/2017	11/02/2017	99.970	99.930	99.9	1
KU	C1S	2079217	11/2017	11/02/2017	99.960	99.970	100.0	1

KU	C1S	2079218	11/2017	11/02/2017	100.020	100.010	100.0	1
KU	C1S	2079219	11/2017	11/02/2017	99.990	99.920	99.9	1
KU	C1S	2079220	11/2017	11/02/2017	99.990	100.010	100.0	1
KU	C1S	2079221	11/2017	11/02/2017	100.020	99.940	99.9	1
KU	C1S	2079222	11/2017	11/02/2017	100.000	99.990	99.9	1
KU	C1S	2079223	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2079224	11/2017	11/02/2017	100.040	100.000	100.0	1
KU	C1S	2079225	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2079226	11/2017	11/02/2017	99.990	99.960	99.9	1
KU	C1S	2079227	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2079228	11/2017	11/02/2017	99.970	99.980	100.1	1
KU	C1S	2079229	11/2017	11/02/2017	99.990	99.950	100.0	1
KU	C1S	2079230	11/2017	11/02/2017	100.010	99.920	99.9	1
KU	C1S	2079231	11/2017	11/02/2017	100.000	99.950	99.9	1
KU	C1S	2079232	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2079233	11/2017	11/02/2017	100.000	99.960	99.9	1
KU	C1S	2079234	11/2017	11/02/2017	100.010	99.950	100.0	1
KU	C1S	2079235	11/2017	11/02/2017	100.050	99.930	99.9	1
KU	C1S	2079236	11/2017	11/02/2017	100.030	99.980	100.0	1
KU	C1S	2079237	11/2017	11/02/2017	99.980	99.960	99.9	1
KU	C1S	2079238	11/2017	11/02/2017	99.990	99.940	100.1	1
KU	C1S	2079239	11/2017	11/02/2017	100.040	99.950	100.0	1
KU	C1S	2079240	11/2017	11/02/2017	100.010	99.960	99.9	1
KU	C1S	2079241	11/2017	11/02/2017	99.990	100.000	100.0	1
KU	C1S	2079242	11/2017	11/02/2017	99.980	99.910	99.9	1
KU	C1S	2079243	11/2017	11/02/2017	99.990	99.980	99.9	1
KU	C1S	2079244	11/2017	11/02/2017	99.980	99.960	100.0	1
KU	C1S	2079245	11/2017	11/02/2017	100.030	99.970	100.0	1
KU	C1S	2079246	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2079247	11/2017	11/02/2017	100.030	99.990	100.0	1
KU	C1S	2079248	11/2017	11/02/2017	100.000	99.980	99.9	1
KU	C1S	2079249	11/2017	11/02/2017	100.000	100.000	99.9	1
KU	C1S	2079250	11/2017	11/02/2017	99.960	99.950	99.9	1
KU	C1S	2079251	11/2017	11/02/2017	100.030	99.930	99.9	1
KU	C1S	2079252	11/2017	11/02/2017	100.000	99.970	99.9	1
KU	C1S	2079253	11/2017	11/02/2017	99.980	99.960	99.9	1
KU	C1S	2079254	11/2017	11/02/2017	99.980	99.960	99.9	1
KU	C1S	2079255	11/2017	11/02/2017	100.010	99.920	100.0	1
KU	C1S	2079256	11/2017	11/02/2017	99.990	99.960	100.0	1
KU	C1S	2079257	11/2017	11/02/2017	99.980	99.970	100.0	1
KU	C1S	2079258	11/2017	11/02/2017	99.970	99.940	99.9	1
KU	C1S	2079259	11/2017	11/02/2017	100.000	99.960	100.0	1

KU	C1S	2079260	11/2017	11/02/2017	100.010	99.940	99.9	1
KU	C1S	2079261	11/2017	11/02/2017	99.980	99.950	99.9	1
KU	C1S	2079262	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2079263	11/2017	11/02/2017	99.990	99.960	99.9	1
KU	C1S	2079264	11/2017	11/02/2017	100.000	99.940	99.9	1
KU	C1S	2079265	11/2017	11/02/2017	100.010	99.970	99.9	1
KU	C1S	2079266	11/2017	11/02/2017	99.980	99.940	99.9	1
KU	C1S	2079267	11/2017	11/02/2017	100.010	99.940	99.9	1
KU	C1S	2079268	11/2017	11/02/2017	100.000	99.940	100.0	1
KU	C1S	2079269	11/2017	11/02/2017	100.000	100.010	100.0	1
KU	C1S	2079270	11/2017	11/02/2017	99.990	99.970	99.9	1
KU	C1S	2079271	11/2017	11/02/2017	100.020	99.940	99.9	1
KU	C1S	2079272	11/2017	11/02/2017	100.020	99.970	100.0	1
KU	C1S	2079273	11/2017	11/02/2017	100.010	99.950	99.9	1
KU	C1S	2079274	11/2017	11/02/2017	100.000	99.990	99.9	1
KU	C1S	2079275	11/2017	11/02/2017	99.990	99.970	99.9	1
KU	C1S	2079276	11/2017	11/02/2017	100.010	99.960	99.9	1
KU	C1S	2079277	11/2017	11/02/2017	100.000	99.950	99.9	1
KU	C1S	2079278	11/2017	11/02/2017	99.990	99.940	99.9	1
KU	C1S	2079279	11/2017	11/02/2017	100.050	99.930	99.9	1
KU	C1S	2079280	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2079281	11/2017	11/02/2017	100.020	99.920	100.2	1
KU	C1S	2079282	11/2017	11/02/2017	100.020	99.960	99.9	1
KU	C1S	2079283	11/2017	11/02/2017	100.010	99.940	100.2	1
KU	C1S	2079284	11/2017	11/02/2017	100.010	99.960	99.9	1
KU	C1S	2079285	11/2017	11/02/2017	100.040	99.970	99.9	1
KU	C1S	2079286	11/2017	11/02/2017	100.030	99.990	100.0	1
KU	C1S	2079287	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2079288	11/2017	11/02/2017	100.020	99.920	99.9	1
KU	C1S	2079289	11/2017	11/02/2017	100.010	99.960	99.9	1
KU	C1S	2079290	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2079291	11/2017	11/02/2017	100.000	99.990	99.9	1
KU	C1S	2079292	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2079293	11/2017	11/02/2017	100.030	99.980	100.0	1
KU	C1S	2079294	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2079295	11/2017	11/02/2017	100.030	99.940	100.0	1
KU	C1S	2079296	11/2017	11/02/2017	99.960	99.930	100.0	1
KU	C1S	2079297	11/2017	11/02/2017	100.050	99.930	100.0	1
KU	C1S	2079298	11/2017	11/02/2017	100.000	99.950	100.0	1
KU	C1S	2079299	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2079300	11/2017	11/02/2017	99.970	100.010	100.0	1
KU	C1S	2079301	11/2017	11/02/2017	99.990	100.000	100.0	1

KU	C1S	2079302	11/2017	11/02/2017	100.010	99.980	99.9	1
KU	C1S	2079303	11/2017	11/02/2017	99.980	99.990	100.0	1
KU	C1S	2079304	11/2017	11/02/2017	99.990	99.920	99.9	1
KU	C1S	2079305	11/2017	11/02/2017	99.970	100.000	100.0	1
KU	C1S	2079306	11/2017	11/02/2017	100.000	99.980	99.9	1
KU	C1S	2079307	11/2017	11/02/2017	100.000	100.020	100.0	1
KU	C1S	2079308	11/2017	11/02/2017	99.970	100.010	100.0	1
KU	C1S	2079309	11/2017	11/02/2017	100.020	99.980	100.0	1
KU	C1S	2079310	11/2017	11/02/2017	100.020	99.960	100.0	1
KU	C1S	2079311	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2079312	11/2017	11/02/2017	99.960	99.990	100.0	1
KU	C1S	2079313	11/2017	11/02/2017	99.990	100.000	100.0	1
KU	C1S	2079314	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2079315	11/2017	11/02/2017	99.980	100.000	100.0	1
KU	C1S	2079316	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2079317	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2079318	11/2017	11/02/2017	100.000	100.010	100.0	1
KU	C1S	2079319	11/2017	11/02/2017	99.990	99.960	100.0	1
KU	C1S	2079320	11/2017	11/02/2017	100.000	99.950	99.9	1
KU	C1S	2079321	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2079322	11/2017	11/02/2017	100.020	100.010	100.0	1
KU	C1S	2079323	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2079324	11/2017	11/02/2017	99.980	100.020	100.0	1
KU	C1S	2079325	11/2017	11/02/2017	100.010	99.960	100.0	1
KU	C1S	2079326	11/2017	11/02/2017	99.980	100.000	100.0	1
KU	C1S	2079327	11/2017	11/02/2017	99.980	100.000	100.0	1
KU	C1S	2079328	11/2017	11/02/2017	99.990	100.030	100.0	1
KU	C1S	2079329	11/2017	11/02/2017	100.020	99.980	100.0	1
KU	C1S	2079330	11/2017	11/02/2017	100.000	100.000	100.0	1
KU	C1S	2079331	11/2017	11/02/2017	100.010	99.960	100.0	1
KU	C1S	2079332	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2079333	11/2017	11/02/2017	100.050	99.940	99.9	1
KU	C1S	2079334	11/2017	11/02/2017	100.000	100.000	100.0	1
KU	C1S	2079335	11/2017	11/02/2017	99.980	99.950	100.0	1
KU	C1S	2079336	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2079337	11/2017	11/02/2017	100.040	100.010	100.0	1
KU	C1S	2079338	11/2017	11/02/2017	100.000	100.020	100.0	1
KU	C1S	2079339	11/2017	11/02/2017	100.040	99.990	100.0	1
KU	C1S	2079340	11/2017	11/02/2017	100.040	99.990	100.0	1
KU	C1S	2079341	11/2017	11/02/2017	100.010	100.010	100.0	1
KU	C1S	2079342	11/2017	11/02/2017	100.040	99.980	100.0	1
KU	C1S	2079343	11/2017	11/02/2017	99.960	100.010	100.1	1



KU	C1S	2079344	11/2017	11/02/2017	100.020	100.010	100.0	1
KU	C1S	2079345	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2079346	11/2017	11/02/2017	99.980	99.980	100.0	1
KU	C1S	2079347	11/2017	11/02/2017	99.950	100.020	100.0	1
KU	C1S	2079348	11/2017	11/02/2017	100.020	100.050	100.0	1
KU	C1S	2079349	11/2017	11/02/2017	99.990	100.040	100.0	1
KU	C1S	2079350	11/2017	11/02/2017	99.990	100.060	100.0	1
KU	C1S	2079351	11/2017	11/02/2017	99.980	100.020	100.0	1
KU	C1S	2079352	11/2017	11/02/2017	99.990	100.030	100.0	1
KU	C1S	2079353	11/2017	11/02/2017	100.030	99.990	100.0	1
KU	C1S	2079354	11/2017	11/02/2017	100.020	100.000	100.0	1
KU	C1S	2079355	11/2017	11/02/2017	100.020	99.980	100.0	1
KU	C1S	2079356	11/2017	11/02/2017	99.990	100.020	100.0	1
KU	C1S	2079357	11/2017	11/02/2017	100.010	99.990	99.9	1
KU	C1S	2079358	11/2017	11/02/2017	100.020	100.000	100.0	1
KU	C1S	2079359	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2079360	11/2017	11/02/2017	100.040	100.030	100.0	1
KU	C1S	2079361	11/2017	11/02/2017	100.000	100.050	100.0	1
KU	C1S	2079362	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2079363	11/2017	11/02/2017	100.010	100.000	99.9	1
KU	C1S	2079364	11/2017	11/02/2017	99.950	100.000	100.0	1
KU	C1S	2079365	11/2017	11/02/2017	99.990	99.970	99.9	1
KU	C1S	2079366	11/2017	11/02/2017	100.020	99.960	100.0	1
KU	C1S	2079367	11/2017	11/02/2017	100.000	100.070	100.0	1
KU	C1S	2079368	11/2017	11/02/2017	99.980	100.000	100.0	1
KU	C1S	2079369	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2079370	11/2017	11/02/2017	100.020	99.970	100.0	1
KU	C1S	2079371	11/2017	11/02/2017	100.030	100.010	100.0	1
KU	C1S	2079372	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2079373	11/2017	11/02/2017	100.020	100.000	100.0	1
KU	C1S	2079374	11/2017	11/02/2017	99.970	100.010	100.0	1
KU	C1S	2079375	11/2017	11/02/2017	100.040	100.040	100.0	1
KU	C1S	2079376	11/2017	11/02/2017	100.020	100.000	100.0	1
KU	C1S	2079377	11/2017	11/02/2017	100.020	100.000	99.9	1
KU	C1S	2079378	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2079379	11/2017	11/02/2017	100.000	100.030	100.0	1
KU	C1S	2079380	11/2017	11/02/2017	100.070	100.050	100.0	1
KU	C1S	2079381	11/2017	11/02/2017	100.010	100.010	100.0	1
KU	C1S	2079382	11/2017	11/02/2017	100.010	100.070	100.0	1
KU	C1S	2079383	11/2017	11/02/2017	99.980	99.990	100.0	1
KU	C1S	2079384	11/2017	11/02/2017	99.990	100.000	100.0	1
KU	C1S	2079385	11/2017	11/02/2017	99.980	100.000	100.0	1

KU	C1S	2079386	11/2017	11/02/2017	99.960	100.000	100.0	1
KU	C1S	2079387	11/2017	11/02/2017	100.000	100.070	100.0	1
KU	C1S	2079388	11/2017	11/02/2017	100.020	100.010	100.0	1
KU	C1S	2079389	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2079390	11/2017	11/02/2017	100.010	100.010	100.0	1
KU	C1S	2079391	11/2017	11/02/2017	100.010	100.020	100.0	1
KU	C1S	2079392	11/2017	11/02/2017	99.990	100.020	100.0	1
KU	C1S	2079393	11/2017	11/02/2017	99.980	99.990	100.0	1
KU	C1S	2079394	11/2017	11/02/2017	100.030	99.970	100.0	1
KU	C1S	2079395	11/2017	11/02/2017	99.990	100.020	100.0	1
KU	C1S	2079396	11/2017	11/02/2017	100.010	100.020	100.0	1
KU	C1S	2079397	11/2017	11/02/2017	99.990	100.010	100.0	1
KU	C1S	2079398	11/2017	11/02/2017	99.970	100.000	100.0	1
KU	C1S	2079399	11/2017	11/02/2017	99.980	100.030	100.0	1
KU	C1S	2079400	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2079401	11/2017	11/02/2017	100.010	100.010	99.9	1
KU	C1S	2079402	11/2017	11/02/2017	100.010	100.030	100.0	1
KU	C1S	2079403	11/2017	11/02/2017	99.980	99.980	100.0	1
KU	C1S	2079404	11/2017	11/02/2017	100.010	100.010	100.0	1
KU	C1S	2079405	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2079406	11/2017	11/02/2017	100.000	100.010	100.0	1
KU	C1S	2079407	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2079408	11/2017	11/02/2017	100.020	100.010	99.9	1
KU	C1S	2079409	11/2017	11/02/2017	100.000	100.020	100.0	1
KU	C1S	2079410	11/2017	11/02/2017	100.000	100.050	100.0	1
KU	C1S	2079411	11/2017	11/02/2017	100.010	100.020	100.0	1
KU	C1S	2079412	11/2017	11/02/2017	100.000	99.950	99.9	1
KU	C1S	2079413	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2079414	11/2017	11/02/2017	99.990	100.020	100.0	1
KU	C1S	2079415	11/2017	11/02/2017	99.990	100.000	100.0	1
KU	C1S	2079416	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2079417	11/2017	11/02/2017	99.970	100.020	100.0	1
KU	C1S	2079418	11/2017	11/02/2017	100.020	99.980	100.0	1
KU	C1S	2079419	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2079420	11/2017	11/02/2017	100.010	99.890	99.9	1
KU	C1S	2079421	11/2017	11/02/2017	100.010	100.020	100.0	1
KU	C1S	2079422	11/2017	11/02/2017	100.040	99.990	100.0	1
KU	C1S	2079423	11/2017	11/02/2017	99.990	100.030	100.0	1
KU	C1S	2079424	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2079425	11/2017	11/02/2017	99.990	100.000	100.0	1
KU	C1S	2079426	11/2017	11/02/2017	100.000	100.010	99.9	1
KU	C1S	2079427	11/2017	11/02/2017	100.010	99.970	100.0	1

KU	C1S	2079428	11/2017	11/02/2017	99.970	100.020	100.0	1
KU	C1S	2079429	11/2017	11/02/2017	100.000	100.010	100.0	1
KU	C1S	2079430	11/2017	11/02/2017	99.980	100.020	100.0	1
KU	C1S	2079431	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2079432	11/2017	11/02/2017	100.000	100.000	100.0	1
KU	C1S	2079433	11/2017	11/02/2017	99.980	99.990	100.0	1
KU	C1S	2079434	11/2017	11/02/2017	99.980	100.000	99.9	1
KU	C1S	2079435	11/2017	11/02/2017	100.010	100.020	100.0	1
KU	C1S	2079436	11/2017	11/02/2017	99.980	99.960	99.9	1
KU	C1S	2079437	11/2017	11/02/2017	99.990	100.050	100.0	1
KU	C1S	2079438	11/2017	11/02/2017	99.970	100.000	100.0	1
KU	C1S	2079439	11/2017	11/02/2017	100.040	100.010	100.0	1
KU	C1S	2079440	11/2017	11/02/2017	100.000	100.050	100.0	1
KU	C1S	2079441	11/2017	11/02/2017	100.030	99.980	100.0	1
KU	C1S	2079442	11/2017	11/02/2017	99.990	100.000	100.0	1
KU	C1S	2079443	11/2017	11/02/2017	99.990	100.020	100.0	1
KU	C1S	2079444	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2079445	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2079446	11/2017	11/02/2017	100.040	99.990	100.0	1
KU	C1S	2079447	11/2017	11/02/2017	100.030	99.960	100.0	1
KU	C1S	2079448	11/2017	11/02/2017	99.960	99.940	99.9	1
KU	C1S	2079449	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2079450	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2079451	11/2017	11/02/2017	100.010	100.060	100.0	1
KU	C1S	2079452	11/2017	11/02/2017	100.010	100.050	100.0	1
KU	C1S	2079453	11/2017	11/02/2017	100.000	100.010	100.0	1
KU	C1S	2079454	11/2017	11/02/2017	100.020	99.980	100.0	1
KU	C1S	2079455	11/2017	11/02/2017	100.010	99.990	99.9	1
KU	C1S	2079456	11/2017	11/02/2017	100.020	100.040	100.0	1
KU	C1S	2079457	11/2017	11/02/2017	99.990	100.010	100.0	1
KU	C1S	2079458	11/2017	11/02/2017	99.990	99.960	99.9	1
KU	C1S	2079459	11/2017	11/02/2017	99.990	100.010	100.0	1
KU	C1S	2079460	11/2017	11/02/2017	100.000	99.990	99.9	1
KU	C1S	2079461	11/2017	11/02/2017	100.020	100.040	100.0	1
KU	C1S	2079462	11/2017	11/02/2017	100.020	100.010	100.0	1
KU	C1S	2079463	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2079464	11/2017	11/02/2017	100.000	100.050	100.0	1
KU	C1S	2079465	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2079466	11/2017	11/02/2017	99.990	100.000	100.0	1
KU	C1S	2079467	11/2017	11/02/2017	99.990	100.020	100.0	1
KU	C1S	2079468	11/2017	11/02/2017	99.960	100.000	100.0	1
KU	C1S	2079469	11/2017	11/02/2017	100.000	99.960	100.0	1

KU	C1S	2079470	11/2017	11/02/2017	100.020	99.960	100.0	1
KU	C1S	2079471	11/2017	11/02/2017	99.980	100.050	100.1	1
KU	C1S	2079472	11/2017	11/02/2017	100.030	100.010	100.0	1
KU	C1S	2079473	11/2017	11/02/2017	99.940	100.040	100.1	1
KU	C1S	2079474	11/2017	11/02/2017	100.010	100.010	100.0	1
KU	C1S	2079475	11/2017	11/02/2017	100.010	99.950	100.0	1
KU	C1S	2079476	11/2017	11/02/2017	100.030	100.050	100.0	1
KU	C1S	2079477	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2079478	11/2017	11/02/2017	100.010	100.020	100.0	1
KU	C1S	2079479	11/2017	11/02/2017	100.020	99.990	100.0	1
KU	C1S	2079480	11/2017	11/02/2017	99.970	100.020	100.0	1
KU	C1S	2079481	11/2017	11/02/2017	100.030	100.010	100.0	1
KU	C1S	2079482	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2079483	11/2017	11/02/2017	100.020	99.960	99.9	1
KU	C1S	2079484	11/2017	11/02/2017	100.020	99.980	100.0	1
KU	C1S	2079485	11/2017	11/02/2017	100.010	100.030	100.0	1
KU	C1S	2079486	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2079487	11/2017	11/02/2017	100.020	100.020	100.0	1
KU	C1S	2079488	11/2017	11/02/2017	100.010	100.010	100.0	1
KU	C1S	2079489	11/2017	11/02/2017	99.980	99.990	100.0	1
KU	C1S	2079490	11/2017	11/02/2017	100.030	99.990	100.0	1
KU	C1S	2079491	11/2017	11/02/2017	100.020	100.020	100.0	1
KU	C1S	2079492	11/2017	11/02/2017	100.020	99.980	100.0	1
KU	C1S	2079493	11/2017	11/02/2017	100.010	99.950	100.0	1
KU	C1S	2079494	11/2017	11/02/2017	100.020	99.910	99.9	1
KU	C1S	2079495	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2079496	11/2017	11/02/2017	99.970	99.970	100.0	1
KU	C1S	2079497	11/2017	11/02/2017	99.980	100.060	100.1	1
KU	C1S	2079498	11/2017	11/02/2017	100.000	100.010	100.0	1
KU	C1S	2079499	11/2017	11/02/2017	100.020	100.060	100.0	1
KU	C1S	2079500	11/2017	11/02/2017	99.980	100.020	100.0	1
KU	C1S	2079501	11/2017	11/02/2017	100.020	99.990	99.9	1
KU	C1S	2079502	11/2017	11/02/2017	100.010	100.030	100.0	1
KU	C1S	2079503	11/2017	11/02/2017	99.980	100.010	100.1	1
KU	C1S	2079504	11/2017	11/02/2017	100.000	100.030	100.0	1
KU	C1S	2079505	11/2017	11/02/2017	100.000	100.010	100.0	1
KU	C1S	2079506	11/2017	11/02/2017	99.980	99.990	100.0	1
KU	C1S	2079507	11/2017	11/02/2017	99.970	100.040	100.0	1
KU	C1S	2079508	11/2017	11/02/2017	99.980	99.990	100.0	1
KU	C1S	2079509	11/2017	11/02/2017	99.990	100.050	100.0	1
KU	C1S	2079510	11/2017	11/02/2017	100.020	100.030	100.0	1
KU	C1S	2079511	11/2017	11/02/2017	100.000	100.010	100.0	1

KU	C1S	2079512	11/2017	11/02/2017	99.980	100.020	100.0	1
KU	C1S	2079513	11/2017	11/02/2017	100.010	100.040	100.0	1
KU	C1S	2079514	11/2017	11/02/2017	99.980	100.000	100.0	1
KU	C1S	2079515	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2079516	11/2017	11/02/2017	100.020	99.920	100.0	1
KU	C1S	2079517	11/2017	11/02/2017	99.980	100.000	100.0	1
KU	C1S	2079518	11/2017	11/02/2017	99.960	99.980	100.0	1
KU	C1S	2079519	11/2017	11/02/2017	99.970	100.060	100.0	1
KU	C1S	2079520	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2079521	11/2017	11/02/2017	99.980	99.980	100.0	1
KU	C1S	2079522	11/2017	11/02/2017	99.980	99.950	100.0	1
KU	C1S	2079523	11/2017	11/02/2017	100.020	100.050	100.0	1
KU	C1S	2079524	11/2017	11/02/2017	99.980	100.030	100.0	1
KU	C1S	2079525	11/2017	11/02/2017	99.990	100.010	100.0	1
KU	C1S	2079526	11/2017	11/02/2017	100.040	100.010	100.0	1
KU	C1S	2079527	11/2017	11/02/2017	99.990	100.020	100.0	1
KU	C1S	2079528	11/2017	11/02/2017	99.980	100.010	100.0	1
KU	C1S	2079529	11/2017	11/02/2017	100.000	100.020	100.0	1
KU	C1S	2079530	11/2017	11/02/2017	99.960	99.980	100.0	1
KU	C1S	2079531	11/2017	11/02/2017	99.950	100.020	100.0	1
KU	C1S	2079532	11/2017	11/02/2017	99.990	99.950	100.0	1
KU	C1S	2079533	11/2017	11/02/2017	99.990	99.950	100.0	1
KU	C1S	2079534	11/2017	11/02/2017	99.980	99.910	99.9	1
KU	C1S	2079535	11/2017	11/02/2017	99.990	99.950	99.9	1
KU	C1S	2079536	11/2017	11/02/2017	99.990	99.960	100.0	1
KU	C1S	2079537	11/2017	11/02/2017	99.980	99.970	100.0	1
KU	C1S	2079538	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2079539	11/2017	11/02/2017	99.970	99.940	99.9	1
KU	C1S	2079540	11/2017	11/02/2017	100.020	100.010	100.0	1
KU	C1S	2079541	11/2017	11/02/2017	99.970	100.010	100.0	1
KU	C1S	2079542	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2079543	11/2017	11/02/2017	100.030	99.970	99.9	1
KU	C1S	2079544	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2079545	11/2017	11/02/2017	100.050	99.950	100.0	1
KU	C1S	2079546	11/2017	11/02/2017	99.990	99.960	100.0	1
KU	C1S	2079547	11/2017	11/02/2017	99.970	99.980	99.9	1
KU	C1S	2079548	11/2017	11/02/2017	99.990	99.960	99.9	1
KU	C1S	2079549	11/2017	11/02/2017	99.980	99.970	100.0	1
KU	C1S	2079550	11/2017	11/02/2017	100.040	99.970	99.9	1
KU	C1S	2079551	11/2017	11/02/2017	99.990	100.010	100.0	1
KU	C1S	2079552	11/2017	11/02/2017	100.010	99.970	99.9	1
KU	C1S	2079553	11/2017	11/02/2017	100.000	99.960	100.0	1

KU	C1S	2079554	11/2017	11/02/2017	100.010	99.960	99.9	1
KU	C1S	2079555	11/2017	11/02/2017	99.980	99.980	100.0	1
KU	C1S	2079556	11/2017	11/02/2017	100.020	99.950	100.0	1
KU	C1S	2079557	11/2017	11/02/2017	99.990	100.000	100.0	1
KU	C1S	2079558	11/2017	11/02/2017	99.990	99.910	99.9	1
KU	C1S	2079559	11/2017	11/02/2017	100.030	99.990	100.0	1
KU	C1S	2079560	11/2017	11/02/2017	99.990	99.940	99.9	1
KU	C1S	2079561	11/2017	11/02/2017	99.980	99.930	99.9	1
KU	C1S	2079562	11/2017	11/02/2017	100.020	100.000	100.0	1
KU	C1S	2079563	11/2017	11/02/2017	99.970	99.950	100.0	1
KU	C1S	2079564	11/2017	11/02/2017	100.000	100.010	100.0	1
KU	C1S	2079565	11/2017	11/02/2017	99.980	99.980	100.0	1
KU	C1S	2079566	11/2017	11/02/2017	100.000	100.000	99.9	1
KU	C1S	2079567	11/2017	11/02/2017	100.010	99.950	99.9	1
KU	C1S	2079568	11/2017	11/02/2017	99.990	100.010	100.0	1
KU	C1S	2079569	11/2017	11/02/2017	100.000	99.920	99.9	1
KU	C1S	2079570	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2079571	11/2017	11/02/2017	100.010	99.930	100.0	1
KU	C1S	2079572	11/2017	11/02/2017	99.990	99.960	100.0	1
KU	C1S	2079573	11/2017	11/02/2017	100.030	99.990	100.0	1
KU	C1S	2079574	11/2017	11/02/2017	100.020	99.980	100.0	1
KU	C1S	2079575	11/2017	11/02/2017	100.030	99.960	99.9	1
KU	C1S	2079576	11/2017	11/02/2017	99.950	99.930	99.9	1
KU	C1S	2079577	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2079578	11/2017	11/02/2017	100.000	100.000	100.0	1
KU	C1S	2079579	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2079580	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2079581	11/2017	11/02/2017	100.010	99.960	99.9	1
KU	C1S	2079582	11/2017	11/02/2017	100.030	99.970	100.0	1
KU	C1S	2079583	11/2017	11/02/2017	99.990	99.950	99.9	1
KU	C1S	2079584	11/2017	11/02/2017	100.010	99.950	99.9	1
KU	C1S	2079585	11/2017	11/02/2017	99.940	100.010	100.0	1
KU	C1S	2079586	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2079587	11/2017	11/02/2017	100.000	99.980	99.9	1
KU	C1S	2079588	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2079589	11/2017	11/02/2017	100.030	99.970	99.9	1
KU	C1S	2079590	11/2017	11/02/2017	99.980	100.000	100.0	1
KU	C1S	2079591	11/2017	11/02/2017	99.980	99.970	100.0	1
KU	C1S	2079592	11/2017	11/02/2017	100.000	99.950	100.0	1
KU	C1S	2079593	11/2017	11/02/2017	99.980	99.970	99.9	1
KU	C1S	2079594	11/2017	11/02/2017	99.990	100.000	100.0	1
KU	C1S	2079595	11/2017	11/02/2017	99.980	99.950	99.9	1

KU	C1S	2079596	11/2017	11/02/2017	100.000	100.000	100.0	1
KU	C1S	2079597	11/2017	11/02/2017	100.000	99.980	99.9	1
KU	C1S	2079598	11/2017	11/02/2017	99.980	99.970	99.9	1
KU	C1S	2079599	11/2017	11/02/2017	100.010	99.980	99.9	1
KU	C1S	2079600	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2079601	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2079602	11/2017	11/02/2017	99.990	99.970	99.9	1
KU	C1S	2079603	11/2017	11/02/2017	99.980	99.970	100.0	1
KU	C1S	2079604	11/2017	11/02/2017	100.000	99.990	99.9	1
KU	C1S	2079605	11/2017	11/02/2017	100.030	100.020	100.0	1
KU	C1S	2079606	11/2017	11/02/2017	99.990	99.960	100.0	1
KU	C1S	2079607	11/2017	11/02/2017	100.020	99.940	99.9	1
KU	C1S	2079608	11/2017	11/02/2017	100.010	99.950	100.1	1
KU	C1S	2079609	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2079610	11/2017	11/02/2017	100.020	99.980	100.0	1
KU	C1S	2079611	11/2017	11/02/2017	100.000	100.060	100.0	1
KU	C1S	2079612	11/2017	11/02/2017	99.990	99.940	99.9	1
KU	C1S	2079613	11/2017	11/02/2017	100.010	99.940	100.0	1
KU	C1S	2079614	11/2017	11/02/2017	100.000	99.940	99.9	1
KU	C1S	2079615	11/2017	11/02/2017	99.970	100.000	99.9	1
KU	C1S	2079616	11/2017	11/02/2017	100.010	100.010	100.0	1
KU	C1S	2079617	11/2017	11/02/2017	100.010	99.960	99.9	1
KU	C1S	2079618	11/2017	11/02/2017	99.980	99.940	99.9	1
KU	C1S	2079619	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2079620	11/2017	11/02/2017	99.980	100.020	100.0	1
KU	C1S	2079621	11/2017	11/02/2017	100.030	99.940	99.9	1
KU	C1S	2079622	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2079623	11/2017	11/02/2017	99.970	99.990	100.0	1
KU	C1S	2079624	11/2017	11/02/2017	100.000	100.030	100.0	1
KU	C1S	2079625	11/2017	11/02/2017	100.030	100.000	100.0	1
KU	C1S	2079626	11/2017	11/02/2017	99.980	99.980	100.0	1
KU	C1S	2079627	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2079628	11/2017	11/02/2017	100.010	99.960	100.0	1
KU	C1S	2079629	11/2017	11/02/2017	99.960	99.990	100.0	1
KU	C1S	2079630	11/2017	11/02/2017	99.970	99.950	100.0	1
KU	C1S	2079631	11/2017	11/02/2017	100.020	99.980	100.0	1
KU	C1S	2079632	11/2017	11/02/2017	100.030	99.930	100.0	1
KU	C1S	2079633	11/2017	11/02/2017	99.990	99.950	99.9	1
KU	C1S	2079634	11/2017	11/02/2017	100.050	99.980	100.0	1
KU	C1S	2079635	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2079636	11/2017	11/02/2017	100.030	99.990	100.0	1
KU	C1S	2079637	11/2017	11/02/2017	99.960	99.940	100.0	1

KU	C1S	2079638	11/2017	11/02/2017	100.000	99.960	100.0	1
KU	C1S	2079639	11/2017	11/02/2017	100.000	100.000	100.0	1
KU	C1S	2079640	11/2017	11/02/2017	100.030	99.960	99.9	1
KU	C1S	2079641	11/2017	11/02/2017	99.990	99.920	99.9	1
KU	C1S	2079642	11/2017	11/02/2017	99.990	100.020	100.0	1
KU	C1S	2079643	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2079644	11/2017	11/02/2017	100.040	99.950	99.9	1
KU	C1S	2079645	11/2017	11/02/2017	99.980	100.000	100.0	1
KU	C1S	2079646	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2079647	11/2017	11/02/2017	99.960	99.940	99.9	1
KU	C1S	2079648	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2079649	11/2017	11/02/2017	99.980	99.970	100.0	1
KU	C1S	2079650	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2079651	11/2017	11/02/2017	99.990	99.960	100.0	1
KU	C1S	2079652	11/2017	11/02/2017	99.990	100.020	100.0	1
KU	C1S	2079653	11/2017	11/02/2017	100.020	99.930	99.9	1
KU	C1S	2079654	11/2017	11/02/2017	100.010	99.940	99.9	1
KU	C1S	2079655	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2079656	11/2017	11/02/2017	99.960	99.990	100.0	1
KU	C1S	2079657	11/2017	11/02/2017	100.000	99.950	99.9	1
KU	C1S	2079658	11/2017	11/02/2017	99.980	99.980	100.0	1
KU	C1S	2079659	11/2017	11/02/2017	100.000	99.960	100.0	1
KU	C1S	2079660	11/2017	11/02/2017	99.990	99.950	99.9	1
KU	C1S	2079661	11/2017	11/02/2017	100.020	99.940	99.9	1
KU	C1S	2079662	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2079663	11/2017	11/02/2017	100.000	99.950	99.9	1
KU	C1S	2079664	11/2017	11/02/2017	99.970	100.000	100.0	1
KU	C1S	2079665	11/2017	11/02/2017	99.990	100.020	100.0	1
KU	C1S	2079666	11/2017	11/02/2017	100.010	99.940	100.0	1
KU	C1S	2079667	11/2017	11/02/2017	99.980	99.980	99.9	1
KU	C1S	2079668	11/2017	11/02/2017	99.990	99.900	99.9	1
KU	C1S	2079669	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2079670	11/2017	11/02/2017	100.010	99.930	99.9	1
KU	C1S	2079671	11/2017	11/02/2017	100.010	99.930	100.0	1
KU	C1S	2079672	11/2017	11/02/2017	100.000	99.970	99.9	1
KU	C1S	2079673	11/2017	11/02/2017	100.000	99.990	99.9	1
KU	C1S	2079674	11/2017	11/02/2017	99.970	99.950	99.9	1
KU	C1S	2079675	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2079676	11/2017	11/02/2017	100.010	99.950	99.9	1
KU	C1S	2079677	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2079678	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2079679	11/2017	11/02/2017	100.000	99.960	99.9	1



KU	C1S	2079680	11/2017	11/02/2017	99.960	99.960	100.0	1
KU	C1S	2079681	11/2017	11/02/2017	99.980	99.970	99.9	1
KU	C1S	2079682	11/2017	11/02/2017	99.990	99.950	99.9	1
KU	C1S	2079683	11/2017	11/02/2017	100.000	99.950	100.0	1
KU	C1S	2079684	11/2017	11/02/2017	100.010	99.950	100.0	1
KU	C1S	2079685	11/2017	11/02/2017	99.990	99.960	100.0	1
KU	C1S	2079686	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2079687	11/2017	11/02/2017	99.980	99.950	99.9	1
KU	C1S	2079688	11/2017	11/02/2017	100.010	99.950	99.9	1
KU	C1S	2079689	11/2017	11/02/2017	100.020	99.950	99.9	1
KU	C1S	2079690	11/2017	11/02/2017	100.020	99.930	99.9	1
KU	C1S	2079691	11/2017	11/02/2017	100.000	99.950	99.9	1
KU	C1S	2079692	11/2017	11/02/2017	99.960	99.970	99.9	1
KU	C1S	2079693	11/2017	11/02/2017	99.990	99.970	99.9	1
KU	C1S	2079694	11/2017	11/02/2017	99.990	99.950	99.9	1
KU	C1S	2079695	11/2017	11/02/2017	100.010	99.950	100.0	1
KU	C1S	2079696	11/2017	11/02/2017	100.020	99.920	99.9	1
KU	C1S	2079697	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2079698	11/2017	11/02/2017	99.990	99.960	99.9	1
KU	C1S	2079699	11/2017	11/02/2017	99.970	99.960	100.0	1
KU	C1S	2079700	11/2017	11/02/2017	99.990	99.940	99.9	1
KU	C1S	2079701	11/2017	11/02/2017	99.970	99.950	99.9	1
KU	C1S	2079702	11/2017	11/02/2017	100.020	99.960	99.9	1
KU	C1S	2079703	11/2017	11/02/2017	100.000	100.010	100.0	1
KU	C1S	2079704	11/2017	11/02/2017	100.020	99.990	100.0	1
KU	C1S	2079705	11/2017	11/02/2017	100.020	99.990	99.9	1
KU	C1S	2079706	11/2017	11/02/2017	99.990	99.930	100.0	1
KU	C1S	2079707	11/2017	11/02/2017	100.030	99.960	99.9	1
KU	C1S	2079708	11/2017	11/02/2017	100.000	99.950	100.0	1
KU	C1S	2079709	11/2017	11/02/2017	100.020	100.020	100.0	1
KU	C1S	2079710	11/2017	11/02/2017	99.990	99.960	100.0	1
KU	C1S	2079711	11/2017	11/02/2017	100.030	99.990	100.0	1
KU	C1S	2079712	11/2017	11/02/2017	100.000	99.960	99.9	1
KU	C1S	2079713	11/2017	11/02/2017	100.030	99.980	100.0	1
KU	C1S	2079714	11/2017	11/02/2017	99.990	99.990	99.9	1
KU	C1S	2079715	11/2017	11/02/2017	99.970	99.960	99.9	1
KU	C1S	2079716	11/2017	11/02/2017	99.990	99.970	99.9	1
KU	C1S	2079717	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2079718	11/2017	11/02/2017	99.990	100.020	100.0	1
KU	C1S	2079719	11/2017	11/02/2017	100.020	100.010	100.0	1
KU	C1S	2079720	11/2017	11/02/2017	99.960	99.930	99.9	1
KU	C1S	2079721	11/2017	11/02/2017	99.980	99.940	100.0	1

KU	C1S	2079722	11/2017	11/02/2017	100.020	99.970	100.0	1
KU	C1S	2079723	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2079724	11/2017	11/02/2017	100.020	99.960	100.0	1
KU	C1S	2079725	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2079726	11/2017	11/02/2017	100.000	99.960	99.9	1
KU	C1S	2079727	11/2017	11/02/2017	99.980	99.960	100.0	1
KU	C1S	2079728	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2079729	11/2017	11/02/2017	100.040	100.000	100.0	1
KU	C1S	2079730	11/2017	11/02/2017	99.990	99.970	99.9	1
KU	C1S	2079731	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2079732	11/2017	11/02/2017	100.030	99.960	100.0	1
KU	C1S	2079733	11/2017	11/02/2017	100.020	100.000	100.0	1
KU	C1S	2079734	11/2017	11/02/2017	100.000	100.000	100.0	1
KU	C1S	2079735	11/2017	11/02/2017	100.050	99.970	100.0	1
KU	C1S	2079736	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2079737	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2079738	11/2017	11/02/2017	99.980	99.960	100.0	1
KU	C1S	2079739	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2079740	11/2017	11/02/2017	100.030	99.980	100.0	1
KU	C1S	2079741	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2079742	11/2017	11/02/2017	100.020	99.970	100.0	1
KU	C1S	2079743	11/2017	11/02/2017	99.960	99.950	99.9	1
KU	C1S	2079744	11/2017	11/02/2017	99.980	99.960	99.9	1
KU	C1S	2079745	11/2017	11/02/2017	100.000	99.960	99.9	1
KU	C1S	2079746	11/2017	11/02/2017	99.980	99.980	99.9	1
KU	C1S	2079747	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2079748	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2079749	11/2017	11/02/2017	99.970	99.940	100.0	1
KU	C1S	2079750	11/2017	11/02/2017	100.000	100.020	100.0	1
KU	C1S	2079751	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2079752	11/2017	11/02/2017	100.030	100.000	100.0	1
KU	C1S	2079753	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2079754	11/2017	11/02/2017	99.970	99.950	99.9	1
KU	C1S	2079755	11/2017	11/02/2017	100.030	99.980	100.0	1
KU	C1S	2079756	11/2017	11/02/2017	99.980	99.990	100.0	1
KU	C1S	2079757	11/2017	11/02/2017	99.980	99.960	99.9	1
KU	C1S	2079758	11/2017	11/02/2017	99.960	99.990	100.0	1
KU	C1S	2079759	11/2017	11/02/2017	100.020	100.000	100.0	1
KU	C1S	2079760	11/2017	11/02/2017	99.970	100.020	100.0	1
KU	C1S	2079761	11/2017	11/02/2017	99.990	100.020	100.0	1
KU	C1S	2079762	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2079763	11/2017	11/02/2017	100.000	99.990	100.0	1

KU	C1S	2079764	11/2017	11/02/2017	100.010	99.990	99.9	1
KU	C1S	2079765	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2079766	11/2017	11/02/2017	99.990	100.010	99.9	1
KU	C1S	2079767	11/2017	11/02/2017	100.020	100.010	100.0	1
KU	C1S	2079768	11/2017	11/02/2017	100.000	100.000	100.0	1
KU	C1S	2079769	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2079770	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2079771	11/2017	11/02/2017	100.020	100.010	100.0	1
KU	C1S	2079772	11/2017	11/02/2017	100.050	99.980	100.0	1
KU	C1S	2079773	11/2017	11/02/2017	99.980	99.940	99.9	1
KU	C1S	2079774	11/2017	11/02/2017	99.970	99.970	100.0	1
KU	C1S	2079775	11/2017	11/02/2017	99.980	100.010	100.0	1
KU	C1S	2079776	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2079777	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2079778	11/2017	11/02/2017	100.010	99.960	100.0	1
KU	C1S	2079779	11/2017	11/02/2017	100.000	99.990	99.9	1
KU	C1S	2079780	11/2017	11/02/2017	99.970	99.990	100.0	1
KU	C1S	2079781	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2079782	11/2017	11/02/2017	100.020	100.000	100.0	1
KU	C1S	2079783	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2079784	11/2017	11/02/2017	100.000	100.020	100.0	1
KU	C1S	2079785	11/2017	11/02/2017	100.020	99.940	100.0	1
KU	C1S	2079786	11/2017	11/02/2017	100.000	99.960	99.9	1
KU	C1S	2079787	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2079788	11/2017	11/02/2017	100.000	99.950	100.0	1
KU	C1S	2079789	11/2017	11/02/2017	99.990	99.970	99.9	1
KU	C1S	2079790	11/2017	11/02/2017	100.000	100.000	99.9	1
KU	C1S	2079791	11/2017	11/02/2017	100.020	99.940	100.0	1
KU	C1S	2079792	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2079793	11/2017	11/02/2017	100.030	100.000	99.9	1
KU	C1S	2079794	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2079795	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2079796	11/2017	11/02/2017	99.980	99.970	100.0	1
KU	C1S	2079797	11/2017	11/02/2017	100.000	99.950	99.9	1
KU	C1S	2079798	11/2017	11/02/2017	100.000	100.000	100.0	1
KU	C1S	2079799	11/2017	11/02/2017	99.980	100.000	100.0	1
KU	C1S	2079800	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2079801	11/2017	11/02/2017	99.970	99.970	99.9	1
KU	C1S	2079802	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2079803	11/2017	11/02/2017	99.990	99.950	100.0	1
KU	C1S	2079804	11/2017	11/02/2017	99.980	99.990	100.0	1
KU	C1S	2079805	11/2017	11/02/2017	100.010	99.950	99.9	1

KU	C1S	2079806	11/2017	11/02/2017	99.950	99.960	100.0	1
KU	C1S	2079807	11/2017	11/02/2017	100.020	100.000	100.0	1
KU	C1S	2079808	11/2017	11/02/2017	100.020	99.940	99.9	1
KU	C1S	2079809	11/2017	11/02/2017	100.000	99.940	99.9	1
KU	C1S	2079810	11/2017	11/02/2017	99.980	99.940	99.9	1
KU	C1S	2079811	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2079812	11/2017	11/02/2017	99.980	99.990	100.0	1
KU	C1S	2079813	11/2017	11/02/2017	100.040	99.980	99.9	1
KU	C1S	2079814	11/2017	11/02/2017	100.020	99.980	100.0	1
KU	C1S	2079815	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2079816	11/2017	11/02/2017	100.040	100.000	100.0	1
KU	C1S	2079817	11/2017	11/02/2017	100.030	99.930	99.9	1
KU	C1S	2079818	11/2017	11/02/2017	100.000	100.000	100.0	1
KU	C1S	2079819	11/2017	11/02/2017	100.040	99.980	100.0	1
KU	C1S	2079820	11/2017	11/02/2017	99.980	99.990	99.9	1
KU	C1S	2079821	11/2017	11/02/2017	100.000	100.030	100.0	1
KU	C1S	2079822	11/2017	11/02/2017	99.980	99.970	100.0	1
KU	C1S	2079823	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2079824	11/2017	11/02/2017	99.990	99.970	99.9	1
KU	C1S	2079825	11/2017	11/02/2017	99.990	100.000	100.0	1
KU	C1S	2079826	11/2017	11/02/2017	100.030	99.970	99.9	1
KU	C1S	2079827	11/2017	11/02/2017	99.990	100.020	100.0	1
KU	C1S	2079828	11/2017	11/02/2017	100.010	100.040	100.0	1
KU	C1S	2079829	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2079830	11/2017	11/02/2017	100.010	99.960	100.0	1
KU	C1S	2079831	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2079832	11/2017	11/02/2017	99.990	99.940	100.0	1
KU	C1S	2079833	11/2017	11/02/2017	100.040	100.010	100.0	1
KU	C1S	2079834	11/2017	11/02/2017	99.990	99.970	99.9	1
KU	C1S	2079835	11/2017	11/02/2017	100.000	100.000	100.0	1
KU	C1S	2079836	11/2017	11/02/2017	99.980	99.940	100.0	1
KU	C1S	2079837	11/2017	11/02/2017	100.010	100.010	100.0	1
KU	C1S	2079838	11/2017	11/02/2017	99.950	99.970	100.0	1
KU	C1S	2079839	11/2017	11/02/2017	99.990	100.000	100.0	1
KU	C1S	2079840	11/2017	11/02/2017	99.990	99.940	100.0	1
KU	C1S	2079841	11/2017	11/02/2017	100.020	99.930	99.9	1
KU	C1S	2079842	11/2017	11/02/2017	99.960	99.950	100.0	1
KU	C1S	2079843	11/2017	11/02/2017	100.010	99.960	100.0	1
KU	C1S	2079844	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2079845	11/2017	11/02/2017	100.000	100.050	100.0	1
KU	C1S	2079846	11/2017	11/02/2017	99.980	99.990	100.0	1
KU	C1S	2079847	11/2017	11/02/2017	99.960	99.960	100.0	1

KU	C1S	2079848	11/2017	11/02/2017	100.050	99.990	100.0	1
KU	C1S	2079849	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2079850	11/2017	11/02/2017	99.980	99.980	100.0	1
KU	C1S	2079851	11/2017	11/02/2017	100.030	100.020	100.0	1
KU	C1S	2079852	11/2017	11/02/2017	99.970	99.950	99.9	1
KU	C1S	2079853	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2079854	11/2017	11/02/2017	99.940	99.960	100.0	1
KU	C1S	2079855	11/2017	11/02/2017	100.000	99.960	100.0	1
KU	C1S	2079856	11/2017	11/02/2017	100.010	100.010	100.0	1
KU	C1S	2079857	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2079858	11/2017	11/02/2017	100.010	99.970	99.9	1
KU	C1S	2079859	11/2017	11/02/2017	100.020	99.990	100.0	1
KU	C1S	2079860	11/2017	11/02/2017	100.000	99.940	99.9	1
KU	C1S	2079861	11/2017	11/02/2017	99.950	100.000	100.0	1
KU	C1S	2079862	11/2017	11/02/2017	99.990	100.020	100.0	1
KU	C1S	2079863	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2079864	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2079865	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2079866	11/2017	11/02/2017	99.980	99.980	100.0	1
KU	C1S	2079867	11/2017	11/02/2017	99.980	100.010	100.0	1
KU	C1S	2079868	11/2017	11/02/2017	100.020	99.980	100.0	1
KU	C1S	2079869	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2079870	11/2017	11/02/2017	99.960	99.980	100.0	1
KU	C1S	2079871	11/2017	11/02/2017	100.000	100.010	100.0	1
KU	C1S	2079872	11/2017	11/02/2017	100.010	99.950	100.0	1
KU	C1S	2079873	11/2017	11/02/2017	100.000	100.010	100.0	1
KU	C1S	2079874	11/2017	11/02/2017	99.990	100.010	100.0	1
KU	C1S	2079875	11/2017	11/02/2017	100.020	99.930	99.9	1
KU	C1S	2079876	11/2017	11/02/2017	100.000	100.040	100.0	1
KU	C1S	2079877	11/2017	11/02/2017	99.980	99.970	100.0	1
KU	C1S	2079878	11/2017	11/02/2017	100.000	100.000	100.0	1
KU	C1S	2079879	11/2017	11/02/2017	99.990	100.020	100.0	1
KU	C1S	2079880	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2079881	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2079882	11/2017	11/02/2017	99.980	99.940	99.9	1
KU	C1S	2079883	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2079884	11/2017	11/02/2017	100.030	99.990	100.0	1
KU	C1S	2079885	11/2017	11/02/2017	99.980	99.970	99.9	1
KU	C1S	2079886	11/2017	11/02/2017	100.010	99.940	100.0	1
KU	C1S	2079887	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2079888	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2079889	11/2017	11/02/2017	100.050	99.990	100.0	1

KU	C1S	2079890	11/2017	11/02/2017	100.000	99.940	99.9	1
KU	C1S	2079891	11/2017	11/02/2017	99.970	99.980	100.0	1
KU	C1S	2079892	11/2017	11/02/2017	100.010	100.020	100.0	1
KU	C1S	2079893	11/2017	11/02/2017	99.990	99.980	99.9	1
KU	C1S	2079894	11/2017	11/02/2017	100.040	99.990	100.0	1
KU	C1S	2079895	11/2017	11/02/2017	99.970	99.970	99.9	1
KU	C1S	2079896	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2079897	11/2017	11/02/2017	99.970	100.000	100.0	1
KU	C1S	2079898	11/2017	11/02/2017	100.010	99.990	99.9	1
KU	C1S	2079899	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2079900	11/2017	11/02/2017	99.980	99.940	99.9	1
KU	C1S	2079901	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2079902	11/2017	11/02/2017	99.950	99.980	100.1	1
KU	C1S	2079903	11/2017	11/02/2017	99.980	99.980	99.9	1
KU	C1S	2079904	11/2017	11/02/2017	99.980	100.000	100.0	1
KU	C1S	2079905	11/2017	11/02/2017	100.010	99.950	100.0	1
KU	C1S	2079906	11/2017	11/02/2017	99.990	99.920	99.9	1
KU	C1S	2079907	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2079908	11/2017	11/02/2017	100.000	100.000	100.0	1
KU	C1S	2079909	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2079910	11/2017	11/02/2017	99.990	100.040	100.0	1
KU	C1S	2079911	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2079912	11/2017	11/02/2017	100.000	99.960	99.9	1
KU	C1S	2079913	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2079914	11/2017	11/02/2017	100.030	100.040	100.0	1
KU	C1S	2079915	11/2017	11/02/2017	100.020	99.970	99.9	1
KU	C1S	2079916	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2079917	11/2017	11/02/2017	99.990	100.010	100.0	1
KU	C1S	2079918	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2079919	11/2017	11/02/2017	100.030	99.930	99.9	1
KU	C1S	2079920	11/2017	11/02/2017	99.990	100.000	100.0	1
KU	C1S	2079921	11/2017	11/02/2017	99.990	99.950	100.0	1
KU	C1S	2079922	11/2017	11/02/2017	100.000	99.960	99.9	1
KU	C1S	2079923	11/2017	11/02/2017	100.000	99.970	99.9	1
KU	C1S	2079924	11/2017	11/02/2017	99.990	99.970	99.9	1
KU	C1S	2079925	11/2017	11/02/2017	100.040	99.980	100.0	1
KU	C1S	2079926	11/2017	11/02/2017	100.010	100.030	100.0	1
KU	C1S	2079927	11/2017	11/02/2017	100.010	99.970	99.9	1
KU	C1S	2079928	11/2017	11/02/2017	100.000	99.960	99.9	1
KU	C1S	2079929	11/2017	11/02/2017	100.030	99.970	100.0	1
KU	C1S	2079930	11/2017	11/02/2017	100.070	99.950	99.9	1
KU	C1S	2079931	11/2017	11/02/2017	100.040	99.970	100.0	1

KU	C1S	2079932	11/2017	11/02/2017	100.020	99.940	99.9	1
KU	C1S	2079933	11/2017	11/02/2017	100.010	99.960	100.0	1
KU	C1S	2079934	11/2017	11/02/2017	100.020	99.930	99.9	1
KU	C1S	2079935	11/2017	11/02/2017	100.020	99.960	99.9	1
KU	C1S	2079936	11/2017	11/02/2017	99.970	99.980	100.0	1
KU	C1S	2079937	11/2017	11/02/2017	100.000	99.960	99.9	1
KU	C1S	2079938	11/2017	11/02/2017	99.970	99.990	100.0	1
KU	C1S	2079939	11/2017	11/02/2017	100.000	99.950	99.9	1
KU	C1S	2079940	11/2017	11/02/2017	100.010	99.980	99.9	1
KU	C1S	2079941	11/2017	11/02/2017	100.020	99.920	99.9	1
KU	C1S	2079942	11/2017	11/02/2017	99.980	99.940	99.9	1
KU	C1S	2079943	11/2017	11/02/2017	100.050	99.990	100.0	1
KU	C1S	2079944	11/2017	11/02/2017	100.010	99.980	99.9	1
KU	C1S	2079945	11/2017	11/02/2017	99.970	100.010	100.0	1
KU	C1S	2079946	11/2017	11/02/2017	100.010	99.940	99.9	1
KU	C1S	2079947	11/2017	11/02/2017	99.980	99.930	99.9	1
KU	C1S	2079948	11/2017	11/02/2017	100.020	99.990	100.0	1
KU	C1S	2079949	11/2017	11/02/2017	99.990	99.910	99.9	1
KU	C1S	2079950	11/2017	11/02/2017	99.990	100.010	99.9	1
KU	C1S	2079951	11/2017	11/02/2017	100.000	99.970	99.9	1
KU	C1S	2079952	11/2017	11/02/2017	99.960	99.970	100.0	1
KU	C1S	2079953	11/2017	11/02/2017	100.010	99.980	99.9	1
KU	C1S	2079954	11/2017	11/02/2017	100.010	99.990	99.9	1
KU	C1S	2079955	11/2017	11/02/2017	100.010	99.970	99.9	1
KU	C1S	2079956	11/2017	11/02/2017	100.020	100.010	100.0	1
KU	C1S	2079957	11/2017	11/02/2017	100.020	99.990	100.0	1
KU	C1S	2079958	11/2017	11/02/2017	99.990	100.000	100.0	1
KU	C1S	2079959	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2079960	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2079961	11/2017	11/02/2017	99.990	99.960	99.9	1
KU	C1S	2079962	11/2017	11/02/2017	99.980	99.960	100.0	1
KU	C1S	2079963	11/2017	11/02/2017	99.990	99.980	99.9	1
KU	C1S	2079964	11/2017	11/02/2017	100.030	99.980	99.9	1
KU	C1S	2079965	11/2017	11/02/2017	100.010	99.930	100.0	1
KU	C1S	2079966	11/2017	11/02/2017	99.990	99.990	99.9	1
KU	C1S	2079967	11/2017	11/02/2017	99.990	99.960	100.0	1
KU	C1S	2079968	11/2017	11/02/2017	100.000	99.910	99.9	1
KU	C1S	2079969	11/2017	11/02/2017	100.020	100.000	100.0	1
KU	C1S	2079970	11/2017	11/02/2017	100.020	99.980	99.9	1
KU	C1S	2079971	11/2017	11/02/2017	100.030	99.930	99.9	1
KU	C1S	2079972	11/2017	11/02/2017	100.000	99.950	99.9	1
KU	C1S	2079973	11/2017	11/02/2017	100.020	99.940	100.0	1

KU	C1S	2079974	11/2017	11/02/2017	100.040	99.990	99.9	1
KU	C1S	2079975	11/2017	11/02/2017	100.040	100.010	100.0	1
KU	C1S	2079976	11/2017	11/02/2017	99.990	99.920	99.9	1
KU	C1S	2079977	11/2017	11/02/2017	100.000	99.970	99.9	1
KU	C1S	2079978	11/2017	11/02/2017	100.000	99.940	100.0	1
KU	C1S	2079979	11/2017	11/02/2017	100.000	100.010	100.0	1
KU	C1S	2079980	11/2017	11/02/2017	100.000	99.960	100.0	1
KU	C1S	2079981	11/2017	11/02/2017	100.040	99.990	100.0	1
KU	C1S	2079982	11/2017	11/02/2017	100.020	99.970	99.9	1
KU	C1S	2079983	11/2017	11/02/2017	99.990	99.980	99.9	1
KU	C1S	2079984	11/2017	11/02/2017	100.020	99.980	100.0	1
KU	C1S	2079985	11/2017	11/02/2017	100.020	100.000	100.0	1
KU	C1S	2079986	11/2017	11/02/2017	99.970	100.000	99.9	1
KU	C1S	2079987	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2079988	11/2017	11/02/2017	100.020	100.000	100.0	1
KU	C1S	2079989	11/2017	11/02/2017	99.990	100.000	99.9	1
KU	C1S	2079990	11/2017	11/02/2017	99.990	100.010	99.9	1
KU	C1S	2079991	11/2017	11/02/2017	99.980	99.980	99.9	1
KU	C1S	2079992	11/2017	11/02/2017	99.970	99.990	99.9	1
KU	C1S	2079993	11/2017	11/02/2017	100.000	100.020	100.0	1
KU	C1S	2079994	11/2017	11/02/2017	100.000	100.000	99.9	1
KU	C1S	2079995	11/2017	11/02/2017	100.020	99.970	99.9	1
KU	C1S	2079996	11/2017	11/02/2017	100.020	99.980	100.0	1
KU	C1S	2079997	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2079998	11/2017	11/02/2017	100.020	100.000	100.0	1
KU	C1S	2079999	11/2017	11/02/2017	99.980	99.990	100.0	1
KU	C1S	2080000	11/2017	11/02/2017	99.980	99.990	100.0	1
KU	C1S	2080001	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2080002	11/2017	11/02/2017	100.000	99.990	99.9	1
KU	C1S	2080003	11/2017	11/02/2017	100.010	99.980	99.9	1
KU	C1S	2080004	11/2017	11/02/2017	100.000	100.010	100.0	1
KU	C1S	2080005	11/2017	11/02/2017	100.040	99.960	100.0	1
KU	C1S	2080006	11/2017	11/02/2017	100.050	99.990	99.9	1
KU	C1S	2080007	11/2017	11/02/2017	99.980	100.030	100.0	1
KU	C1S	2080008	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2080009	11/2017	11/02/2017	100.020	99.960	99.9	1
KU	C1S	2080010	11/2017	11/02/2017	99.990	100.010	100.0	1
KU	C1S	2080011	11/2017	11/02/2017	100.010	99.960	100.0	1
KU	C1S	2080012	11/2017	11/02/2017	99.980	100.010	100.0	1
KU	C1S	2080013	11/2017	11/02/2017	100.020	100.000	100.0	1
KU	C1S	2080014	11/2017	11/02/2017	99.980	99.970	100.0	1
KU	C1S	2080015	11/2017	11/02/2017	100.010	99.980	100.0	1



KU	C1S	2080016	11/2017	11/02/2017	99.950	100.020	99.9	1
KU	C1S	2080017	11/2017	11/02/2017	99.980	99.980	100.0	1
KU	C1S	2080018	11/2017	11/02/2017	99.970	99.960	99.9	1
KU	C1S	2080019	11/2017	11/02/2017	99.980	99.940	99.9	1
KU	C1S	2080020	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2080021	11/2017	11/02/2017	100.010	99.930	99.9	1
KU	C1S	2080022	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2080023	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2080024	11/2017	11/02/2017	99.960	99.930	99.9	1
KU	C1S	2080025	11/2017	11/02/2017	99.980	99.940	99.9	1
KU	C1S	2080026	11/2017	11/02/2017	100.010	99.940	99.9	1
KU	C1S	2080027	11/2017	11/02/2017	99.980	99.990	100.0	1
KU	C1S	2080028	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2080029	11/2017	11/02/2017	99.990	99.980	99.9	1
KU	C1S	2080030	11/2017	11/02/2017	100.020	99.980	100.0	1
KU	C1S	2080031	11/2017	11/02/2017	100.000	99.960	100.0	1
KU	C1S	2080032	11/2017	11/02/2017	100.020	99.980	99.9	1
KU	C1S	2080033	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2080034	11/2017	11/02/2017	100.020	100.010	100.0	1
KU	C1S	2080035	11/2017	11/02/2017	99.970	99.970	100.0	1
KU	C1S	2080036	11/2017	11/02/2017	100.020	99.990	100.0	1
KU	C1S	2080037	11/2017	11/02/2017	100.000	99.950	100.0	1
KU	C1S	2080038	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2080039	11/2017	11/02/2017	100.020	99.980	100.0	1
KU	C1S	2080040	11/2017	11/02/2017	100.010	99.940	99.9	1
KU	C1S	2080041	11/2017	11/02/2017	99.990	100.000	100.0	1
KU	C1S	2080042	11/2017	11/02/2017	100.020	99.970	100.0	1
KU	C1S	2080043	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2080044	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2080045	11/2017	11/02/2017	100.010	99.980	99.9	1
KU	C1S	2080046	11/2017	11/02/2017	99.980	99.990	100.0	1
KU	C1S	2080047	11/2017	11/02/2017	100.050	100.050	100.0	1
KU	C1S	2080048	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2080049	11/2017	11/02/2017	100.010	99.980	99.9	1
KU	C1S	2080050	11/2017	11/02/2017	99.980	100.020	100.0	1
KU	C1S	2080051	11/2017	11/02/2017	99.980	99.980	99.9	1
KU	C1S	2080052	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2080053	11/2017	11/02/2017	99.980	99.970	99.9	1
KU	C1S	2080054	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2080055	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2080056	11/2017	11/02/2017	100.000	99.960	99.9	1
KU	C1S	2080057	11/2017	11/02/2017	100.000	99.980	100.0	1

KU	C1S	2080058	11/2017	11/02/2017	99.960	99.950	100.0	1
KU	C1S	2080059	11/2017	11/02/2017	99.960	99.960	100.0	1
KU	C1S	2080060	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2080061	11/2017	11/02/2017	100.040	99.980	100.0	1
KU	C1S	2080062	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2080063	11/2017	11/02/2017	100.000	100.000	100.0	1
KU	C1S	2080064	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2080065	11/2017	11/02/2017	99.980	99.960	100.0	1
KU	C1S	2080066	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2080067	11/2017	11/02/2017	100.000	99.980	99.9	1
KU	C1S	2080068	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2080069	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2080070	11/2017	11/02/2017	99.980	99.970	100.0	1
KU	C1S	2080071	11/2017	11/02/2017	100.010	99.990	99.9	1
KU	C1S	2080072	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2080073	11/2017	11/02/2017	100.000	99.950	100.0	1
KU	C1S	2080074	11/2017	11/02/2017	99.970	99.980	99.9	1
KU	C1S	2080075	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2080076	11/2017	11/02/2017	99.980	99.950	99.9	1
KU	C1S	2080077	11/2017	11/02/2017	100.000	100.010	100.0	1
KU	C1S	2080078	11/2017	11/02/2017	99.960	99.990	100.0	1
KU	C1S	2080079	11/2017	11/02/2017	99.970	99.990	100.0	1
KU	C1S	2080080	11/2017	11/02/2017	100.020	99.980	100.0	1
KU	C1S	2080081	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2080082	11/2017	11/02/2017	99.970	100.000	100.0	1
KU	C1S	2080083	11/2017	11/02/2017	100.000	100.010	100.0	1
KU	C1S	2080084	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2080085	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2080086	11/2017	11/02/2017	100.020	100.000	100.0	1
KU	C1S	2080087	11/2017	11/02/2017	100.030	100.000	100.0	1
KU	C1S	2080088	11/2017	11/02/2017	100.010	100.030	100.0	1
KU	C1S	2080089	11/2017	11/02/2017	99.990	100.010	100.0	1
KU	C1S	2080090	11/2017	11/02/2017	99.970	100.010	100.0	1
KU	C1S	2080091	11/2017	11/02/2017	99.990	100.010	99.9	1
KU	C1S	2080092	11/2017	11/02/2017	99.990	100.010	100.0	1
KU	C1S	2080093	11/2017	11/02/2017	100.030	99.950	100.0	1
KU	C1S	2080094	11/2017	11/02/2017	99.980	99.990	100.0	1
KU	C1S	2080095	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2080096	11/2017	11/02/2017	100.020	99.950	100.0	1
KU	C1S	2080097	11/2017	11/02/2017	100.000	100.010	100.0	1
KU	C1S	2080098	11/2017	11/02/2017	100.010	100.030	100.0	1
KU	C1S	2080099	11/2017	11/02/2017	100.020	99.980	100.0	1

KU	C1S	2080100	11/2017	11/02/2017	99.980	100.010	100.0	1
KU	C1S	2080101	11/2017	11/02/2017	99.980	100.000	100.0	1
KU	C1S	2080102	11/2017	11/02/2017	99.990	100.000	100.0	1
KU	C1S	2080103	11/2017	11/02/2017	100.010	99.950	99.9	1
KU	C1S	2080104	11/2017	11/02/2017	99.980	99.950	99.9	1
KU	C1S	2080105	11/2017	11/02/2017	100.040	100.000	99.9	1
KU	C1S	2080106	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2080107	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2080108	11/2017	11/02/2017	99.970	100.010	100.0	1
KU	C1S	2080109	11/2017	11/02/2017	99.990	100.020	99.9	1
KU	C1S	2080110	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2080111	11/2017	11/02/2017	100.010	99.940	100.0	1
KU	C1S	2080112	11/2017	11/02/2017	100.010	99.930	99.9	1
KU	C1S	2080113	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2080114	11/2017	11/02/2017	99.980	99.950	100.0	1
KU	C1S	2080115	11/2017	11/02/2017	100.020	99.960	99.9	1
KU	C1S	2080116	11/2017	11/02/2017	99.980	100.010	100.0	1
KU	C1S	2080117	11/2017	11/02/2017	100.010	99.930	99.9	1
KU	C1S	2080118	11/2017	11/02/2017	100.000	100.010	100.0	1
KU	C1S	2080119	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2080120	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2080121	11/2017	11/02/2017	100.020	99.970	99.9	1
KU	C1S	2080122	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2080123	11/2017	11/02/2017	99.970	100.030	99.9	1
KU	C1S	2080124	11/2017	11/02/2017	100.020	99.990	100.0	1
KU	C1S	2080125	11/2017	11/02/2017	99.990	100.010	100.0	1
KU	C1S	2080126	11/2017	11/02/2017	100.020	99.970	100.0	1
KU	C1S	2080127	11/2017	11/02/2017	100.030	99.980	100.0	1
KU	C1S	2080128	11/2017	11/02/2017	100.000	100.000	100.0	1
KU	C1S	2080129	11/2017	11/02/2017	100.020	100.000	100.0	1
KU	C1S	2080130	11/2017	11/02/2017	99.980	99.970	100.0	1
KU	C1S	2080131	11/2017	11/02/2017	100.040	99.990	100.0	1
KU	C1S	2080132	11/2017	11/02/2017	99.990	99.950	100.0	1
KU	C1S	2080133	11/2017	11/02/2017	99.980	99.990	100.0	1
KU	C1S	2080134	11/2017	11/02/2017	99.990	99.960	100.0	1
KU	C1S	2080135	11/2017	11/02/2017	100.010	99.960	100.0	1
KU	C1S	2080136	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2080137	11/2017	11/02/2017	100.010	99.940	99.9	1
KU	C1S	2080138	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2080139	11/2017	11/02/2017	100.000	100.000	100.0	1
KU	C1S	2080140	11/2017	11/02/2017	100.020	99.990	100.0	1
KU	C1S	2080141	11/2017	11/02/2017	100.020	100.030	100.0	1

KU	C1S	2080142	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2080143	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2080144	11/2017	11/02/2017	100.020	99.990	100.0	1
KU	C1S	2080145	11/2017	11/02/2017	100.000	99.990	99.9	1
KU	C1S	2080146	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2080147	11/2017	11/02/2017	99.990	99.960	100.0	1
KU	C1S	2080148	11/2017	11/02/2017	100.020	99.990	100.0	1
KU	C1S	2080149	11/2017	11/02/2017	99.980	100.000	100.0	1
KU	C1S	2080150	11/2017	11/02/2017	99.990	99.960	99.9	1
KU	C1S	2080151	11/2017	11/02/2017	100.000	99.950	99.9	1
KU	C1S	2080152	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2080153	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2080154	11/2017	11/02/2017	100.010	99.960	100.0	1
KU	C1S	2080155	11/2017	11/02/2017	100.010	99.960	100.0	1
KU	C1S	2080156	11/2017	11/02/2017	99.990	100.030	100.0	1
KU	C1S	2080157	11/2017	11/02/2017	100.000	99.940	99.9	1
KU	C1S	2080158	11/2017	11/02/2017	99.990	99.960	99.9	1
KU	C1S	2080159	11/2017	11/02/2017	99.990	99.940	99.9	1
KU	C1S	2080160	11/2017	11/02/2017	100.000	99.960	99.9	1
KU	C1S	2080161	11/2017	11/02/2017	100.040	100.000	100.0	1
KU	C1S	2080162	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2080163	11/2017	11/02/2017	100.000	99.960	100.0	1
KU	C1S	2080164	11/2017	11/02/2017	100.020	99.960	99.9	1
KU	C1S	2080165	11/2017	11/02/2017	100.010	100.010	100.0	1
KU	C1S	2080166	11/2017	11/02/2017	100.020	99.990	100.0	1
KU	C1S	2080167	11/2017	11/02/2017	99.970	100.010	100.0	1
KU	C1S	2080168	11/2017	11/02/2017	99.980	99.990	100.0	1
KU	C1S	2080169	11/2017	11/02/2017	100.020	99.980	100.0	1
KU	C1S	2080170	11/2017	11/02/2017	100.030	99.940	100.0	1
KU	C1S	2080171	11/2017	11/02/2017	99.980	99.940	100.0	1
KU	C1S	2080172	11/2017	11/02/2017	100.000	99.950	100.0	1
KU	C1S	2080173	11/2017	11/02/2017	100.040	99.990	100.0	1
KU	C1S	2080174	11/2017	11/02/2017	100.030	99.970	99.9	1
KU	C1S	2080175	11/2017	11/02/2017	100.010	99.920	99.9	1
KU	C1S	2080176	11/2017	11/02/2017	99.970	99.970	100.0	1
KU	C1S	2080177	11/2017	11/02/2017	100.020	99.960	100.0	1
KU	C1S	2080178	11/2017	11/02/2017	99.990	99.950	99.9	1
KU	C1S	2080179	11/2017	11/02/2017	100.020	100.030	100.0	1
KU	C1S	2080180	11/2017	11/02/2017	99.970	99.990	100.0	1
KU	C1S	2080181	11/2017	11/02/2017	99.970	99.960	100.0	1
KU	C1S	2080182	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2080183	11/2017	11/02/2017	100.010	99.920	100.0	1

KU	C1S	2080184	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2080185	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2080186	11/2017	11/02/2017	100.010	99.930	99.9	1
KU	C1S	2080187	11/2017	11/02/2017	100.000	99.950	100.0	1
KU	C1S	2080188	11/2017	11/02/2017	99.960	99.980	100.0	1
KU	C1S	2080189	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2080190	11/2017	11/02/2017	100.020	99.980	100.0	1
KU	C1S	2080191	11/2017	11/02/2017	99.990	99.950	100.0	1
KU	C1S	2080192	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2080193	11/2017	11/02/2017	99.980	100.000	100.0	1
KU	C1S	2080194	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2080195	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2080196	11/2017	11/02/2017	100.050	100.010	100.0	1
KU	C1S	2080197	11/2017	11/02/2017	100.030	99.960	100.0	1
KU	C1S	2080198	11/2017	11/02/2017	100.010	99.960	100.0	1
KU	C1S	2080199	11/2017	11/02/2017	100.040	99.990	100.0	1
KU	C1S	2080200	11/2017	11/02/2017	100.020	99.940	99.9	1
KU	C1S	2080201	11/2017	11/02/2017	100.000	99.930	100.0	1
KU	C1S	2080202	11/2017	11/02/2017	100.010	99.940	99.9	1
KU	C1S	2080203	11/2017	11/02/2017	100.010	100.040	100.0	1
KU	C1S	2080204	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2080205	11/2017	11/02/2017	99.990	99.970	99.9	1
KU	C1S	2080206	11/2017	11/02/2017	100.020	100.000	100.0	1
KU	C1S	2080207	11/2017	11/02/2017	100.000	99.980	99.9	1
KU	C1S	2080208	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2080209	11/2017	11/02/2017	99.990	100.020	100.0	1
KU	C1S	2080210	11/2017	11/02/2017	99.990	99.950	99.9	1
KU	C1S	2080211	11/2017	11/02/2017	99.990	100.010	100.0	1
KU	C1S	2080212	11/2017	11/02/2017	100.030	99.960	100.0	1
KU	C1S	2080213	11/2017	11/02/2017	100.020	99.960	100.0	1
KU	C1S	2080214	11/2017	11/02/2017	99.970	99.950	100.0	1
KU	C1S	2080215	11/2017	11/02/2017	100.000	100.030	100.0	1
KU	C1S	2080216	11/2017	11/02/2017	100.020	99.970	100.0	1
KU	C1S	2080217	11/2017	11/02/2017	100.010	99.960	100.0	1
KU	C1S	2080218	11/2017	11/02/2017	100.000	100.000	100.1	1
KU	C1S	2080219	11/2017	11/02/2017	100.000	99.930	100.0	1
KU	C1S	2080220	11/2017	11/02/2017	100.010	100.010	100.0	1
KU	C1S	2080221	11/2017	11/02/2017	100.030	99.940	99.9	1
KU	C1S	2080222	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2080223	11/2017	11/02/2017	99.990	100.020	100.0	1
KU	C1S	2080224	11/2017	11/02/2017	99.970	99.920	99.9	1
KU	C1S	2080225	11/2017	11/02/2017	99.980	99.980	100.0	1

KU	C1S	2080226	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2080227	11/2017	11/02/2017	99.990	99.950	99.9	1
KU	C1S	2080228	11/2017	11/02/2017	100.020	99.960	99.9	1
KU	C1S	2080229	11/2017	11/02/2017	99.990	99.950	99.9	1
KU	C1S	2080230	11/2017	11/02/2017	100.010	99.980	99.9	1
KU	C1S	2080231	11/2017	11/02/2017	100.020	99.990	100.0	1
KU	C1S	2080232	11/2017	11/02/2017	99.980	100.010	100.0	1
KU	C1S	2080233	11/2017	11/02/2017	99.980	99.950	99.9	1
KU	C1S	2080234	11/2017	11/02/2017	100.030	99.950	99.9	1
KU	C1S	2080235	11/2017	11/02/2017	99.990	99.960	100.0	1
KU	C1S	2080236	11/2017	11/02/2017	99.970	100.010	100.0	1
KU	C1S	2080237	11/2017	11/02/2017	99.990	99.970	99.9	1
KU	C1S	2080238	11/2017	11/02/2017	99.970	100.000	100.0	1
KU	C1S	2080239	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2080240	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2080241	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2080242	11/2017	11/02/2017	100.000	99.970	99.9	1
KU	C1S	2080243	11/2017	11/02/2017	99.990	100.010	100.0	1
KU	C1S	2080244	11/2017	11/02/2017	99.990	99.980	99.9	1
KU	C1S	2080245	11/2017	11/02/2017	100.000	100.010	100.0	1
KU	C1S	2080246	11/2017	11/02/2017	99.990	99.950	99.9	1
KU	C1S	2080247	11/2017	11/02/2017	100.030	99.930	99.9	1
KU	C1S	2080248	11/2017	11/02/2017	100.010	99.970	99.9	1
KU	C1S	2080249	11/2017	11/02/2017	99.960	99.990	99.9	1
KU	C1S	2080250	11/2017	11/02/2017	99.980	99.960	100.0	1
KU	C1S	2080251	11/2017	11/02/2017	100.010	100.010	99.9	1
KU	C1S	2080252	11/2017	11/02/2017	100.050	99.980	100.0	1
KU	C1S	2080253	11/2017	11/02/2017	99.980	100.010	100.0	1
KU	C1S	2080254	11/2017	11/02/2017	100.020	99.970	100.0	1
KU	C1S	2080255	11/2017	11/02/2017	100.000	100.020	100.0	1
KU	C1S	2080256	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2080257	11/2017	11/02/2017	100.020	99.940	100.0	1
KU	C1S	2080258	11/2017	11/02/2017	100.010	99.960	100.0	1
KU	C1S	2080259	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2080260	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2080261	11/2017	11/02/2017	100.000	99.950	100.0	1
KU	C1S	2080262	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2080263	11/2017	11/02/2017	100.020	99.960	100.0	1
KU	C1S	2080264	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2080265	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2080266	11/2017	11/02/2017	99.950	99.980	100.0	1
KU	C1S	2080267	11/2017	11/02/2017	99.970	99.970	100.0	1

KU	C1S	2080268	11/2017	11/02/2017	99.970	100.000	100.0	1
KU	C1S	2080269	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2080270	11/2017	11/02/2017	100.000	99.960	99.9	1
KU	C1S	2080271	11/2017	11/02/2017	100.000	99.930	100.0	1
KU	C1S	2080272	11/2017	11/02/2017	100.020	100.050	100.0	1
KU	C1S	2080273	11/2017	11/02/2017	99.980	100.010	100.0	1
KU	C1S	2080274	11/2017	11/02/2017	100.020	100.030	100.0	1
KU	C1S	2080275	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2080276	11/2017	11/02/2017	100.050	99.930	99.8	1
KU	C1S	2080277	11/2017	11/02/2017	99.960	99.960	100.0	1
KU	C1S	2080278	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2080279	11/2017	11/02/2017	100.030	99.980	100.0	1
KU	C1S	2080280	11/2017	11/02/2017	100.020	99.990	100.0	1
KU	C1S	2080281	11/2017	11/02/2017	100.020	99.970	100.0	1
KU	C1S	2080282	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2080283	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2080284	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2080285	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2080286	11/2017	11/02/2017	100.030	99.930	99.9	1
KU	C1S	2080287	11/2017	11/02/2017	100.020	99.960	100.0	1
KU	C1S	2080288	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2080289	11/2017	11/02/2017	99.970	100.000	100.0	1
KU	C1S	2080290	11/2017	11/02/2017	99.990	100.020	100.0	1
KU	C1S	2080291	11/2017	11/02/2017	99.980	100.020	100.0	1
KU	C1S	2080292	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2080293	11/2017	11/02/2017	99.940	100.000	100.0	1
KU	C1S	2080294	11/2017	11/02/2017	100.010	100.060	100.0	1
KU	C1S	2080295	11/2017	11/02/2017	99.980	100.020	100.0	1
KU	C1S	2080296	11/2017	11/02/2017	99.990	100.030	100.0	1
KU	C1S	2080297	11/2017	11/02/2017	99.980	99.990	100.0	1
KU	C1S	2080298	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2080299	11/2017	11/02/2017	100.020	99.990	99.9	1
KU	C1S	2080300	11/2017	11/02/2017	100.010	100.010	100.0	1
KU	C1S	2080301	11/2017	11/02/2017	99.990	100.010	100.0	1
KU	C1S	2080302	11/2017	11/02/2017	99.990	100.030	100.0	1
KU	C1S	2080303	11/2017	11/02/2017	100.010	99.970	99.9	1
KU	C1S	2080304	11/2017	11/02/2017	100.000	99.970	99.9	1
KU	C1S	2080305	11/2017	11/02/2017	99.960	100.030	100.0	1
KU	C1S	2080306	11/2017	11/02/2017	100.020	100.000	100.0	1
KU	C1S	2080307	11/2017	11/02/2017	99.990	99.950	99.9	1
KU	C1S	2080308	11/2017	11/02/2017	100.000	100.020	100.0	1
KU	C1S	2080309	11/2017	11/02/2017	100.040	100.010	100.0	1

KU	C1S	2080310	11/2017	11/02/2017	99.970	99.980	100.0	1
KU	C1S	2080311	11/2017	11/02/2017	100.010	100.030	100.0	1
KU	C1S	2080312	11/2017	11/02/2017	100.000	99.990	99.9	1
KU	C1S	2080313	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2080314	11/2017	11/02/2017	100.010	100.030	100.0	1
KU	C1S	2080315	11/2017	11/02/2017	100.020	99.990	99.9	1
KU	C1S	2080316	11/2017	11/02/2017	99.960	99.960	100.0	1
KU	C1S	2080317	11/2017	11/02/2017	100.050	100.010	100.0	1
KU	C1S	2080318	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2080319	11/2017	11/02/2017	100.020	99.990	100.0	1
KU	C1S	2080320	11/2017	11/02/2017	100.020	99.990	100.0	1
KU	C1S	2080321	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2080322	11/2017	11/02/2017	99.980	99.920	99.9	1
KU	C1S	2080323	11/2017	11/02/2017	100.020	99.990	100.0	1
KU	C1S	2080324	11/2017	11/02/2017	100.040	99.960	100.0	1
KU	C1S	2080325	11/2017	11/02/2017	99.990	99.960	99.9	1
KU	C1S	2080326	11/2017	11/02/2017	99.960	99.960	99.9	1
KU	C1S	2080327	11/2017	11/02/2017	100.000	99.960	99.9	1
KU	C1S	2080328	11/2017	11/02/2017	100.020	100.010	100.0	1
KU	C1S	2080329	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2080330	11/2017	11/02/2017	100.010	100.010	100.0	1
KU	C1S	2080331	11/2017	11/02/2017	100.040	100.010	99.9	1
KU	C1S	2080332	11/2017	11/02/2017	100.000	99.980	99.9	1
KU	C1S	2080333	11/2017	11/02/2017	100.050	100.010	100.0	1
KU	C1S	2080334	11/2017	11/02/2017	100.000	99.980	99.9	1
KU	C1S	2080335	11/2017	11/02/2017	99.980	99.990	100.0	1
KU	C1S	2080336	11/2017	11/02/2017	100.010	100.010	100.0	1
KU	C1S	2080337	11/2017	11/02/2017	99.980	100.050	100.0	1
KU	C1S	2080338	11/2017	11/02/2017	100.010	99.940	99.9	1
KU	C1S	2080339	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2080340	11/2017	11/02/2017	99.990	100.010	100.0	1
KU	C1S	2080341	11/2017	11/02/2017	99.980	99.990	100.0	1
KU	C1S	2080342	11/2017	11/02/2017	100.000	99.960	100.0	1
KU	C1S	2080343	11/2017	11/02/2017	100.000	100.020	100.0	1
KU	C1S	2080344	11/2017	11/02/2017	100.020	99.970	100.0	1
KU	C1S	2080345	11/2017	11/02/2017	100.020	99.980	100.0	1
KU	C1S	2080346	11/2017	11/02/2017	100.000	100.010	100.0	1
KU	C1S	2080347	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2080348	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2080349	11/2017	11/02/2017	100.000	99.950	100.0	1
KU	C1S	2080350	11/2017	11/02/2017	99.980	99.990	99.9	1
KU	C1S	2080351	11/2017	11/02/2017	99.970	100.030	100.0	1



KU	C1S	2080352	11/2017	11/02/2017	99.980	99.980	100.1	1
KU	C1S	2080353	11/2017	11/02/2017	99.990	99.950	99.9	1
KU	C1S	2080354	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2080355	11/2017	11/02/2017	100.010	100.020	99.9	1
KU	C1S	2080356	11/2017	11/02/2017	100.020	100.010	100.0	1
KU	C1S	2080357	11/2017	11/02/2017	99.980	99.960	100.0	1
KU	C1S	2080358	11/2017	11/02/2017	100.000	100.010	100.0	1
KU	C1S	2080359	11/2017	11/02/2017	99.990	100.010	100.0	1
KU	C1S	2080360	11/2017	11/02/2017	99.920	99.990	100.0	1
KU	C1S	2080361	11/2017	11/02/2017	99.990	99.980	99.9	1
KU	C1S	2080362	11/2017	11/02/2017	100.010	99.930	100.0	1
KU	C1S	2080363	11/2017	11/02/2017	100.030	99.970	100.0	1
KU	C1S	2080364	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2080365	11/2017	11/02/2017	100.000	99.940	99.9	1
KU	C1S	2080366	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2080367	11/2017	11/02/2017	100.030	99.990	100.0	1
KU	C1S	2080368	11/2017	11/02/2017	100.040	100.010	100.0	1
KU	C1S	2080369	11/2017	11/02/2017	100.000	100.050	100.0	1
KU	C1S	2080370	11/2017	11/02/2017	99.980	99.930	99.9	1
KU	C1S	2080371	11/2017	11/02/2017	100.000	99.950	99.9	1
KU	C1S	2080372	11/2017	11/02/2017	100.000	99.920	99.9	1
KU	C1S	2080373	11/2017	11/02/2017	99.980	99.960	99.9	1
KU	C1S	2080374	11/2017	11/02/2017	99.970	100.030	100.0	1
KU	C1S	2080375	11/2017	11/02/2017	99.990	100.000	100.0	1
KU	C1S	2080376	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2080377	11/2017	11/02/2017	100.020	99.980	100.0	1
KU	C1S	2080378	11/2017	11/02/2017	99.990	99.960	100.0	1
KU	C1S	2080379	11/2017	11/02/2017	100.020	99.970	100.0	1
KU	C1S	2080380	11/2017	11/02/2017	99.970	99.990	100.0	1
KU	C1S	2080381	11/2017	11/02/2017	100.000	99.950	100.0	1
KU	C1S	2080382	11/2017	11/02/2017	99.970	100.020	100.0	1
KU	C1S	2080383	11/2017	11/02/2017	100.020	100.010	100.0	1
KU	C1S	2080384	11/2017	11/02/2017	100.000	99.940	99.9	1
KU	C1S	2080385	11/2017	11/02/2017	100.050	100.030	100.0	1
KU	C1S	2080386	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2080387	11/2017	11/02/2017	100.010	100.010	100.0	1
KU	C1S	2080388	11/2017	11/02/2017	99.980	99.990	100.0	1
KU	C1S	2080389	11/2017	11/02/2017	100.020	99.960	99.9	1
KU	C1S	2080390	11/2017	11/02/2017	99.960	99.990	100.0	1
KU	C1S	2080391	11/2017	11/02/2017	100.020	99.990	100.0	1
KU	C1S	2080392	11/2017	11/02/2017	99.980	99.970	99.9	1
KU	C1S	2080393	11/2017	11/02/2017	100.000	100.030	100.0	1

KU	C1S	2080394	11/2017	11/02/2017	99.980	100.000	100.0	1
KU	C1S	2080395	11/2017	11/02/2017	100.030	99.960	99.9	1
KU	C1S	2080396	11/2017	11/02/2017	100.000	100.020	100.0	1
KU	C1S	2080397	11/2017	11/02/2017	100.030	100.000	100.0	1
KU	C1S	2080398	11/2017	11/02/2017	100.000	99.960	100.0	1
KU	C1S	2080399	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2080400	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2080401	11/2017	11/02/2017	100.030	100.030	100.0	1
KU	C1S	2080402	11/2017	11/02/2017	99.970	99.950	100.0	1
KU	C1S	2080403	11/2017	11/02/2017	99.970	99.990	100.0	1
KU	C1S	2080404	11/2017	11/02/2017	99.950	100.000	100.0	1
KU	C1S	2080405	11/2017	11/02/2017	100.010	99.940	99.9	1
KU	C1S	2080406	11/2017	11/02/2017	100.000	100.030	100.0	1
KU	C1S	2080407	11/2017	11/02/2017	99.970	100.010	100.0	1
KU	C1S	2080408	11/2017	11/02/2017	99.940	99.960	100.0	1
KU	C1S	2080409	11/2017	11/02/2017	100.030	99.950	99.9	1
KU	C1S	2080410	11/2017	11/02/2017	100.000	100.000	100.0	1
KU	C1S	2080411	11/2017	11/02/2017	100.010	100.010	100.0	1
KU	C1S	2080412	11/2017	11/02/2017	100.010	100.010	100.0	1
KU	C1S	2080413	11/2017	11/02/2017	99.980	99.990	100.0	1
KU	C1S	2080414	11/2017	11/02/2017	100.020	99.970	100.0	1
KU	C1S	2080415	11/2017	11/02/2017	100.070	99.960	100.0	1
KU	C1S	2080416	11/2017	11/02/2017	99.990	100.020	100.0	1
KU	C1S	2080417	11/2017	11/02/2017	100.020	99.990	100.0	1
KU	C1S	2080418	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2080419	11/2017	11/02/2017	100.010	100.020	100.0	1
KU	C1S	2080420	11/2017	11/02/2017	99.980	99.970	100.0	1
KU	C1S	2080421	11/2017	11/02/2017	100.010	99.960	100.0	1
KU	C1S	2080422	11/2017	11/02/2017	99.970	99.950	100.0	1
KU	C1S	2080423	11/2017	11/02/2017	100.000	100.000	100.0	1
KU	C1S	2080424	11/2017	11/02/2017	99.970	100.010	99.9	1
KU	C1S	2080425	11/2017	11/02/2017	100.000	99.950	100.0	1
KU	C1S	2080426	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2080427	11/2017	11/02/2017	100.000	99.940	99.9	1
KU	C1S	2080428	11/2017	11/02/2017	100.000	99.970	99.9	1
KU	C1S	2080429	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2080430	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2080431	11/2017	11/02/2017	100.020	99.990	100.0	1
KU	C1S	2080432	11/2017	11/02/2017	100.010	99.970	99.9	1
KU	C1S	2080433	11/2017	11/02/2017	99.990	99.960	100.0	1
KU	C1S	2080434	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2080435	11/2017	11/02/2017	99.990	99.940	99.9	1

KU	C1S	2080436	11/2017	11/02/2017	99.990	99.970	99.9	1
KU	C1S	2080437	11/2017	11/02/2017	100.020	100.000	100.0	1
KU	C1S	2080438	11/2017	11/02/2017	100.030	99.990	99.9	1
KU	C1S	2080439	11/2017	11/02/2017	100.020	99.970	99.9	1
KU	C1S	2080440	11/2017	11/02/2017	99.980	99.980	100.0	1
KU	C1S	2080441	11/2017	11/02/2017	100.020	99.960	99.9	1
KU	C1S	2080442	11/2017	11/02/2017	100.010	100.010	99.9	1
KU	C1S	2080443	11/2017	11/02/2017	99.940	100.030	100.0	1
KU	C1S	2080444	11/2017	11/02/2017	99.980	100.010	100.0	1
KU	C1S	2080445	11/2017	11/02/2017	100.010	100.010	100.0	1
KU	C1S	2080446	11/2017	11/02/2017	99.960	99.970	99.9	1
KU	C1S	2080447	11/2017	11/02/2017	99.990	100.010	100.0	1
KU	C1S	2080448	11/2017	11/02/2017	99.970	99.950	99.9	1
KU	C1S	2080449	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2080450	11/2017	11/02/2017	99.960	99.990	100.0	1
KU	C1S	2080451	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2080452	11/2017	11/02/2017	100.000	100.020	100.0	1
KU	C1S	2080453	11/2017	11/02/2017	99.970	99.990	99.9	1
KU	C1S	2080454	11/2017	11/02/2017	100.010	99.990	99.9	1
KU	C1S	2080455	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2080456	11/2017	11/02/2017	100.000	100.010	100.0	1
KU	C1S	2080457	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2080458	11/2017	11/02/2017	99.990	99.980	99.9	1
KU	C1S	2080459	11/2017	11/02/2017	100.000	99.960	99.9	1
KU	C1S	2080460	11/2017	11/02/2017	99.960	99.980	99.9	1
KU	C1S	2080461	11/2017	11/02/2017	99.990	100.000	100.0	1
KU	C1S	2080462	11/2017	11/02/2017	100.000	100.000	100.0	1
KU	C1S	2080463	11/2017	11/02/2017	100.030	99.930	99.9	1
KU	C1S	2080464	11/2017	11/02/2017	100.050	100.000	100.0	1
KU	C1S	2080465	11/2017	11/02/2017	100.000	100.040	100.0	1
KU	C1S	2080466	11/2017	11/02/2017	99.990	99.980	99.9	1
KU	C1S	2080467	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2080468	11/2017	11/02/2017	99.990	100.000	99.9	1
KU	C1S	2080469	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2080470	11/2017	11/02/2017	100.000	99.940	99.9	1
KU	C1S	2080471	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2080472	11/2017	11/02/2017	100.030	100.000	100.0	1
KU	C1S	2080473	11/2017	11/02/2017	100.010	99.970	99.9	1
KU	C1S	2080474	11/2017	11/02/2017	99.990	99.950	100.0	1
KU	C1S	2080475	11/2017	11/02/2017	99.970	100.020	100.0	1
KU	C1S	2080476	11/2017	11/02/2017	100.020	99.970	99.9	1
KU	C1S	2080477	11/2017	11/02/2017	100.010	100.010	100.0	1

KU	C1S	2080478	11/2017	11/02/2017	99.990	100.000	100.0	1
KU	C1S	2080479	11/2017	11/02/2017	99.980	99.980	100.0	1
KU	C1S	2080480	11/2017	11/02/2017	100.020	99.960	99.9	1
KU	C1S	2080481	11/2017	11/02/2017	100.000	100.000	100.0	1
KU	C1S	2080482	11/2017	11/02/2017	100.020	99.980	100.0	1
KU	C1S	2080483	11/2017	11/02/2017	99.970	99.940	99.9	1
KU	C1S	2080484	11/2017	11/02/2017	99.980	99.950	99.9	1
KU	C1S	2080485	11/2017	11/02/2017	99.970	99.940	100.0	1
KU	C1S	2080486	11/2017	11/02/2017	100.020	99.940	99.9	1
KU	C1S	2080487	11/2017	11/02/2017	100.010	99.930	99.9	1
KU	C1S	2080488	11/2017	11/02/2017	100.020	99.930	100.0	1
KU	C1S	2080489	11/2017	11/02/2017	99.960	99.940	99.9	1
KU	C1S	2080490	11/2017	11/02/2017	99.980	99.950	100.1	1
KU	C1S	2080491	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2080492	11/2017	11/02/2017	100.010	99.910	99.9	1
KU	C1S	2080493	11/2017	11/02/2017	99.990	99.980	100.1	1
KU	C1S	2080494	11/2017	11/02/2017	99.980	99.960	99.9	1
KU	C1S	2080495	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2080496	11/2017	11/02/2017	99.970	99.950	100.0	1
KU	C1S	2080497	11/2017	11/02/2017	99.980	99.930	100.0	1
KU	C1S	2080498	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2080499	11/2017	11/02/2017	99.980	99.970	100.0	1
KU	C1S	2080500	11/2017	11/02/2017	100.000	99.950	99.9	1
KU	C1S	2080501	11/2017	11/02/2017	99.980	99.940	99.9	1
KU	C1S	2080502	11/2017	11/02/2017	99.980	99.920	99.9	1
KU	C1S	2080503	11/2017	11/02/2017	100.030	99.970	100.1	1
KU	C1S	2080504	11/2017	11/02/2017	100.030	99.900	99.9	1
KU	C1S	2080505	11/2017	11/02/2017	99.990	99.900	99.9	1
KU	C1S	2080506	11/2017	11/02/2017	100.010	99.930	100.0	1
KU	C1S	2080507	11/2017	11/02/2017	100.010	99.960	99.9	1
KU	C1S	2080508	11/2017	11/02/2017	100.030	99.950	99.9	1
KU	C1S	2080509	11/2017	11/02/2017	100.040	99.890	99.9	1
KU	C1S	2080510	11/2017	11/02/2017	100.030	99.930	99.9	1
KU	C1S	2080511	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2080512	11/2017	11/02/2017	100.030	99.910	99.9	1
KU	C1S	2080513	11/2017	11/02/2017	100.000	99.910	99.9	1
KU	C1S	2080514	11/2017	11/02/2017	100.000	99.940	99.9	1
KU	C1S	2080515	11/2017	11/02/2017	100.010	99.930	99.9	1
KU	C1S	2080516	11/2017	11/02/2017	100.010	99.970	99.9	1
KU	C1S	2080517	11/2017	11/02/2017	100.020	99.930	99.9	1
KU	C1S	2080518	11/2017	11/02/2017	99.970	99.980	99.9	1
KU	C1S	2080519	11/2017	11/02/2017	99.970	99.920	99.9	1

KU	C1S	2080520	11/2017	11/02/2017	100.010	99.910	100.0	1
KU	C1S	2080521	11/2017	11/02/2017	99.960	99.960	100.0	1
KU	C1S	2080522	11/2017	11/02/2017	99.990	99.980	99.9	1
KU	C1S	2080523	11/2017	11/02/2017	100.000	99.960	100.0	1
KU	C1S	2080524	11/2017	11/02/2017	99.990	99.920	100.0	1
KU	C1S	2080525	11/2017	11/02/2017	100.020	99.950	99.9	1
KU	C1S	2080526	11/2017	11/02/2017	100.010	99.950	100.0	1
KU	C1S	2080527	11/2017	11/02/2017	99.990	99.910	99.9	1
KU	C1S	2080528	11/2017	11/02/2017	100.020	99.970	100.0	1
KU	C1S	2080529	11/2017	11/02/2017	100.010	99.920	99.9	1
KU	C1S	2080530	11/2017	11/02/2017	99.970	99.940	100.0	1
KU	C1S	2080531	11/2017	11/02/2017	100.000	99.960	99.9	1
KU	C1S	2080532	11/2017	11/02/2017	100.000	99.950	100.0	1
KU	C1S	2080533	11/2017	11/02/2017	100.010	99.940	99.9	1
KU	C1S	2080534	11/2017	11/02/2017	100.040	99.930	99.9	1
KU	C1S	2080535	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2080536	11/2017	11/02/2017	100.000	99.960	100.0	1
KU	C1S	2080537	11/2017	11/02/2017	99.990	99.960	99.9	1
KU	C1S	2080538	11/2017	11/02/2017	99.990	99.930	99.9	1
KU	C1S	2080539	11/2017	11/02/2017	99.970	99.940	100.0	1
KU	C1S	2080540	11/2017	11/02/2017	100.030	99.990	100.0	1
KU	C1S	2080541	11/2017	11/02/2017	100.010	99.930	99.9	1
KU	C1S	2080542	11/2017	11/02/2017	100.010	99.970	99.9	1
KU	C1S	2080543	11/2017	11/02/2017	99.990	99.960	100.0	1
KU	C1S	2080544	11/2017	11/02/2017	100.030	99.920	99.9	1
KU	C1S	2080545	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2080546	11/2017	11/02/2017	100.020	99.920	99.9	1
KU	C1S	2080547	11/2017	11/02/2017	99.980	99.960	99.9	1
KU	C1S	2080548	11/2017	11/02/2017	99.970	99.950	100.0	1
KU	C1S	2080549	11/2017	11/02/2017	100.030	99.980	99.9	1
KU	C1S	2080550	11/2017	11/02/2017	100.030	99.990	100.0	1
KU	C1S	2080551	11/2017	11/02/2017	100.010	99.950	100.0	1
KU	C1S	2080552	11/2017	11/02/2017	99.980	99.940	99.9	1
KU	C1S	2080553	11/2017	11/02/2017	99.960	99.960	99.9	1
KU	C1S	2080554	11/2017	11/02/2017	99.980	99.940	99.9	1
KU	C1S	2080555	11/2017	11/02/2017	100.010	99.970	99.9	1
KU	C1S	2080556	11/2017	11/02/2017	100.000	99.920	100.0	1
KU	C1S	2080557	11/2017	11/02/2017	100.020	99.980	99.9	1
KU	C1S	2080558	11/2017	11/02/2017	100.000	99.940	100.0	1
KU	C1S	2080559	11/2017	11/02/2017	99.990	99.920	99.9	1
KU	C1S	2080560	11/2017	11/02/2017	99.980	99.940	100.0	1
KU	C1S	2080561	11/2017	11/02/2017	100.010	99.960	99.9	1

KU	C1S	2080562	11/2017	11/02/2017	100.040	99.900	99.9	1
KU	C1S	2080563	11/2017	11/02/2017	99.980	99.990	99.9	1
KU	C1S	2080564	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2080565	11/2017	11/02/2017	100.000	99.920	100.1	1
KU	C1S	2080566	11/2017	11/02/2017	100.050	99.910	99.9	1
KU	C1S	2080567	11/2017	11/02/2017	100.010	99.990	99.9	1
KU	C1S	2080568	11/2017	11/02/2017	99.990	99.960	99.9	1
KU	C1S	2080569	11/2017	11/02/2017	100.020	99.960	99.9	1
KU	C1S	2080570	11/2017	11/02/2017	99.960	99.960	99.9	1
KU	C1S	2080571	11/2017	11/02/2017	100.000	100.000	100.0	1
KU	C1S	2080572	11/2017	11/02/2017	100.020	99.950	100.0	1
KU	C1S	2080573	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2080574	11/2017	11/02/2017	100.000	99.940	99.9	1
KU	C1S	2080575	11/2017	11/02/2017	100.000	99.950	99.9	1
KU	C1S	2080576	11/2017	11/02/2017	100.030	99.990	100.0	1
KU	C1S	2080577	11/2017	11/02/2017	100.030	99.960	99.9	1
KU	C1S	2080578	11/2017	11/02/2017	99.980	99.970	99.9	1
KU	C1S	2080579	11/2017	11/02/2017	99.980	99.970	100.0	1
KU	C1S	2080580	11/2017	11/02/2017	100.060	99.970	100.0	1
KU	C1S	2080581	11/2017	11/02/2017	99.990	99.900	99.9	1
KU	C1S	2080582	11/2017	11/02/2017	99.990	99.960	100.0	1
KU	C1S	2080583	11/2017	11/02/2017	99.990	99.970	99.9	1
KU	C1S	2080584	11/2017	11/02/2017	100.030	99.980	100.0	1
KU	C1S	2080585	11/2017	11/02/2017	99.990	99.980	99.9	1
KU	C1S	2080586	11/2017	11/02/2017	99.990	99.930	100.0	1
KU	C1S	2080587	11/2017	11/02/2017	99.990	99.940	99.9	1
KU	C1S	2080588	11/2017	11/02/2017	99.960	99.980	100.0	1
KU	C1S	2080589	11/2017	11/02/2017	100.000	99.960	100.0	1
KU	C1S	2080590	11/2017	11/02/2017	99.990	99.920	99.9	1
KU	C1S	2080591	11/2017	11/02/2017	100.000	99.950	99.9	1
KU	C1S	2080592	11/2017	11/02/2017	99.980	99.910	99.9	1
KU	C1S	2080593	11/2017	11/02/2017	100.000	99.950	100.0	1
KU	C1S	2080594	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2080595	11/2017	11/02/2017	100.000	100.000	100.0	1
KU	C1S	2080596	11/2017	11/02/2017	99.970	99.960	99.9	1
KU	C1S	2080597	11/2017	11/02/2017	99.970	99.960	100.0	1
KU	C1S	2080598	11/2017	11/02/2017	100.020	99.930	99.9	1
KU	C1S	2080599	11/2017	11/02/2017	100.000	99.960	100.0	1
KU	C1S	2080600	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2080601	11/2017	11/02/2017	100.000	99.960	99.9	1
KU	C1S	2080602	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2080603	11/2017	11/02/2017	100.010	99.970	99.9	1

KU	C1S	2080604	11/2017	11/02/2017	100.030	99.980	100.0	1
KU	C1S	2080605	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2080606	11/2017	11/02/2017	100.000	99.940	100.0	1
KU	C1S	2080607	11/2017	11/02/2017	100.020	99.950	100.0	1
KU	C1S	2080608	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2080609	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2080610	11/2017	11/02/2017	99.980	99.940	99.9	1
KU	C1S	2080611	11/2017	11/02/2017	100.010	99.920	100.0	1
KU	C1S	2080612	11/2017	11/02/2017	100.000	99.930	99.9	1
KU	C1S	2080613	11/2017	11/02/2017	100.020	99.980	100.0	1
KU	C1S	2080614	11/2017	11/02/2017	99.990	99.950	100.0	1
KU	C1S	2080615	11/2017	11/02/2017	99.970	99.930	99.9	1
KU	C1S	2080616	11/2017	11/02/2017	99.990	99.950	100.0	1
KU	C1S	2080617	11/2017	11/02/2017	99.970	100.010	100.0	1
KU	C1S	2080618	11/2017	11/02/2017	100.010	99.930	99.9	1
KU	C1S	2080619	11/2017	11/02/2017	100.020	99.980	100.0	1
KU	C1S	2080620	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2080621	11/2017	11/02/2017	100.030	99.980	100.0	1
KU	C1S	2080622	11/2017	11/02/2017	99.990	99.930	100.0	1
KU	C1S	2080623	11/2017	11/02/2017	100.020	99.990	100.0	1
KU	C1S	2080624	11/2017	11/02/2017	100.000	99.960	99.9	1
KU	C1S	2080625	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2080626	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2080627	11/2017	11/02/2017	100.000	99.980	99.9	1
KU	C1S	2080628	11/2017	11/02/2017	100.000	99.950	100.0	1
KU	C1S	2080629	11/2017	11/02/2017	100.010	99.950	100.0	1
KU	C1S	2080630	11/2017	11/02/2017	99.990	99.940	99.9	1
KU	C1S	2080631	11/2017	11/02/2017	99.980	99.970	99.9	1
KU	C1S	2080632	11/2017	11/02/2017	100.020	99.970	100.0	1
KU	C1S	2080633	11/2017	11/02/2017	99.980	100.040	100.0	1
KU	C1S	2080634	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2080635	11/2017	11/02/2017	100.020	99.970	100.0	1
KU	C1S	2080636	11/2017	11/02/2017	100.010	99.940	100.0	1
KU	C1S	2080637	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2080638	11/2017	11/02/2017	99.980	99.910	99.9	1
KU	C1S	2080639	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2080640	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2080641	11/2017	11/02/2017	99.980	99.970	100.0	1
KU	C1S	2080642	11/2017	11/02/2017	99.990	99.980	99.9	1
KU	C1S	2080643	11/2017	11/02/2017	99.990	99.930	100.0	1
KU	C1S	2080644	11/2017	11/02/2017	99.970	99.930	100.0	1
KU	C1S	2080645	11/2017	11/02/2017	100.020	99.950	99.9	1

KU	C1S	2080646	11/2017	11/02/2017	100.000	99.920	99.9	1
KU	C1S	2080647	11/2017	11/02/2017	99.970	99.990	100.0	1
KU	C1S	2080648	11/2017	11/02/2017	100.030	99.980	100.0	1
KU	C1S	2080649	11/2017	11/02/2017	99.970	99.970	100.0	1
KU	C1S	2080650	11/2017	11/02/2017	100.020	99.990	100.0	1
KU	C1S	2080651	11/2017	11/02/2017	99.990	99.950	99.9	1
KU	C1S	2080652	11/2017	11/02/2017	100.010	99.930	99.9	1
KU	C1S	2080653	11/2017	11/02/2017	99.970	99.950	99.9	1
KU	C1S	2080654	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2080655	11/2017	11/02/2017	100.010	99.960	99.9	1
KU	C1S	2080656	11/2017	11/02/2017	99.970	99.950	99.9	1
KU	C1S	2080657	11/2017	11/02/2017	99.970	99.930	99.9	1
KU	C1S	2080658	11/2017	11/02/2017	99.970	99.990	100.0	1
KU	C1S	2080659	11/2017	11/02/2017	99.990	99.970	99.9	1
KU	C1S	2080660	11/2017	11/02/2017	99.990	99.940	99.9	1
KU	C1S	2080661	11/2017	11/02/2017	100.040	99.950	100.0	1
KU	C1S	2080662	11/2017	11/02/2017	100.010	99.930	99.9	1
KU	C1S	2080663	11/2017	11/02/2017	99.990	99.930	99.9	1
KU	C1S	2080664	11/2017	11/02/2017	100.020	99.960	100.0	1
KU	C1S	2080665	11/2017	11/02/2017	100.010	100.010	100.0	1
KU	C1S	2080666	11/2017	11/02/2017	99.990	99.960	100.0	1
KU	C1S	2080667	11/2017	11/02/2017	100.000	99.950	100.0	1
KU	C1S	2080668	11/2017	11/02/2017	99.980	99.940	100.0	1
KU	C1S	2080669	11/2017	11/02/2017	99.980	99.990	99.9	1
KU	C1S	2080670	11/2017	11/02/2017	100.030	99.930	100.0	1
KU	C1S	2080671	11/2017	11/02/2017	99.980	99.950	99.9	1
KU	C1S	2080672	11/2017	11/02/2017	99.960	99.950	99.9	1
KU	C1S	2080673	11/2017	11/02/2017	99.990	99.930	99.9	1
KU	C1S	2080674	11/2017	11/02/2017	99.990	99.920	99.9	1
KU	C1S	2080675	11/2017	11/02/2017	99.970	99.940	99.9	1
KU	C1S	2080676	11/2017	11/02/2017	99.990	99.920	99.9	1
KU	C1S	2080677	11/2017	11/02/2017	100.020	100.000	100.0	1
KU	C1S	2080678	11/2017	11/02/2017	99.990	100.020	100.0	1
KU	C1S	2080679	11/2017	11/02/2017	100.010	100.030	100.0	1
KU	C1S	2080680	11/2017	11/02/2017	100.030	100.030	100.0	1
KU	C1S	2080681	11/2017	11/02/2017	99.990	99.950	99.9	1
KU	C1S	2080682	11/2017	11/02/2017	100.040	99.980	100.0	1
KU	C1S	2080683	11/2017	11/02/2017	99.940	99.950	99.9	1
KU	C1S	2080684	11/2017	11/02/2017	99.980	100.020	100.0	1
KU	C1S	2080685	11/2017	11/02/2017	100.020	99.930	99.9	1
KU	C1S	2080686	11/2017	11/02/2017	99.960	99.990	100.0	1
KU	C1S	2080687	11/2017	11/02/2017	99.990	99.920	100.0	1



KU	C1S	2080688	11/2017	11/02/2017	100.010	99.950	99.9	1
KU	C1S	2080689	11/2017	11/02/2017	100.030	99.940	99.9	1
KU	C1S	2080690	11/2017	11/02/2017	100.000	99.960	99.9	1
KU	C1S	2080691	11/2017	11/02/2017	100.000	99.940	99.9	1
KU	C1S	2080692	11/2017	11/02/2017	100.020	99.970	99.9	1
KU	C1S	2080693	11/2017	11/02/2017	100.030	99.990	100.0	1
KU	C1S	2080694	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2080695	11/2017	11/02/2017	99.990	99.960	99.9	1
KU	C1S	2080696	11/2017	11/02/2017	100.010	99.950	100.0	1
KU	C1S	2080697	11/2017	11/02/2017	100.020	99.990	100.0	1
KU	C1S	2080698	11/2017	11/02/2017	100.020	99.970	99.9	1
KU	C1S	2080699	11/2017	11/02/2017	100.020	100.010	100.0	1
KU	C1S	2080700	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2080701	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2080702	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2080703	11/2017	11/02/2017	100.020	99.970	100.0	1
KU	C1S	2080704	11/2017	11/02/2017	99.990	99.940	99.9	1
KU	C1S	2080705	11/2017	11/02/2017	99.950	99.990	100.0	1
KU	C1S	2080706	11/2017	11/02/2017	99.970	99.970	100.0	1
KU	C1S	2080707	11/2017	11/02/2017	100.010	99.930	99.9	1
KU	C1S	2080708	11/2017	11/02/2017	99.990	99.960	99.9	1
KU	C1S	2080709	11/2017	11/02/2017	100.010	99.940	99.9	1
KU	C1S	2080710	11/2017	11/02/2017	99.980	99.950	100.0	1
KU	C1S	2080711	11/2017	11/02/2017	100.020	99.950	100.0	1
KU	C1S	2080712	11/2017	11/02/2017	99.980	99.940	99.9	1
KU	C1S	2080713	11/2017	11/02/2017	99.980	100.000	100.0	1
KU	C1S	2080714	11/2017	11/02/2017	100.000	99.950	99.9	1
KU	C1S	2080715	11/2017	11/02/2017	100.020	99.930	100.0	1
KU	C1S	2080716	11/2017	11/02/2017	100.000	99.960	100.0	1
KU	C1S	2080717	11/2017	11/02/2017	100.030	100.030	100.0	1
KU	C1S	2080718	11/2017	11/02/2017	99.960	99.950	99.9	1
KU	C1S	2080719	11/2017	11/02/2017	99.960	99.930	99.9	1
KU	C1S	2080720	11/2017	11/02/2017	100.000	99.980	99.9	1
KU	C1S	2080721	11/2017	11/02/2017	100.030	99.990	100.0	1
KU	C1S	2080722	11/2017	11/02/2017	99.970	99.970	99.9	1
KU	C1S	2080723	11/2017	11/02/2017	100.000	99.920	100.0	1
KU	C1S	2080724	11/2017	11/02/2017	100.010	99.940	100.0	1
KU	C1S	2080725	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2080726	11/2017	11/02/2017	100.040	99.980	100.0	1
KU	C1S	2080727	11/2017	11/02/2017	100.000	99.940	99.9	1
KU	C1S	2080728	11/2017	11/02/2017	99.990	99.960	100.0	1
KU	C1S	2080729	11/2017	11/02/2017	99.980	99.950	99.9	1

KU	C1S	2080730	11/2017	11/02/2017	100.020	99.930	99.9	1
KU	C1S	2080731	11/2017	11/02/2017	100.030	100.010	100.0	1
KU	C1S	2080732	11/2017	11/02/2017	100.020	100.030	100.0	1
KU	C1S	2080733	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2080734	11/2017	11/02/2017	99.980	99.950	100.0	1
KU	C1S	2080735	11/2017	11/02/2017	100.010	99.960	99.9	1
KU	C1S	2080736	11/2017	11/02/2017	100.010	99.960	100.0	1
KU	C1S	2080737	11/2017	11/02/2017	99.990	99.960	100.0	1
KU	C1S	2080738	11/2017	11/02/2017	100.020	99.960	100.0	1
KU	C1S	2080739	11/2017	11/02/2017	99.990	99.970	99.9	1
KU	C1S	2080740	11/2017	11/02/2017	100.010	99.950	99.9	1
KU	C1S	2080741	11/2017	11/02/2017	99.990	99.950	100.0	1
KU	C1S	2080742	11/2017	11/02/2017	100.010	99.980	99.9	1
KU	C1S	2080743	11/2017	11/02/2017	100.020	99.990	99.9	1
KU	C1S	2080744	11/2017	11/02/2017	99.980	99.960	99.9	1
KU	C1S	2080745	11/2017	11/02/2017	99.960	99.990	100.0	1
KU	C1S	2080746	11/2017	11/02/2017	100.020	99.930	99.9	1
KU	C1S	2080747	11/2017	11/02/2017	99.990	99.950	99.9	1
KU	C1S	2080748	11/2017	11/02/2017	99.950	99.960	99.9	1
KU	C1S	2080749	11/2017	11/02/2017	99.970	99.950	100.0	1
KU	C1S	2080750	11/2017	11/02/2017	100.010	99.950	100.0	1
KU	C1S	2080751	11/2017	11/02/2017	99.990	99.930	99.9	1
KU	C1S	2080752	11/2017	11/02/2017	99.980	99.950	99.9	1
KU	C1S	2080753	11/2017	11/02/2017	100.010	99.950	99.9	1
KU	C1S	2080754	11/2017	11/02/2017	99.980	99.980	100.0	1
KU	C1S	2080755	11/2017	11/02/2017	100.010	99.950	100.0	1
KU	C1S	2080756	11/2017	11/02/2017	99.980	100.000	100.0	1
KU	C1S	2080757	11/2017	11/02/2017	100.030	99.930	100.0	1
KU	C1S	2080758	11/2017	11/02/2017	100.020	100.050	100.0	1
KU	C1S	2080759	11/2017	11/02/2017	100.000	99.920	99.9	1
KU	C1S	2080760	11/2017	11/02/2017	99.980	99.980	99.9	1
KU	C1S	2080761	11/2017	11/02/2017	99.990	100.030	100.0	1
KU	C1S	2080762	11/2017	11/02/2017	100.040	99.950	99.9	1
KU	C1S	2080763	11/2017	11/02/2017	100.000	99.970	99.9	1
KU	C1S	2080764	11/2017	11/02/2017	99.990	99.980	99.9	1
KU	C1S	2080765	11/2017	11/02/2017	100.040	99.960	99.9	1
KU	C1S	2080766	11/2017	11/02/2017	100.020	99.970	99.9	1
KU	C1S	2080767	11/2017	11/02/2017	100.010	99.950	100.1	1
KU	C1S	2080768	11/2017	11/02/2017	100.040	99.920	99.9	1
KU	C1S	2080769	11/2017	11/02/2017	99.980	99.930	99.9	1
KU	C1S	2080770	11/2017	11/02/2017	100.020	99.920	99.9	1
KU	C1S	2080771	11/2017	11/02/2017	100.000	99.970	100.0	1

KU	C1S	2080772	11/2017	11/02/2017	100.010	99.940	100.0	1
KU	C1S	2080773	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2080774	11/2017	11/02/2017	100.030	99.930	99.9	1
KU	C1S	2080775	11/2017	11/02/2017	100.000	99.940	99.9	1
KU	C1S	2080776	11/2017	11/02/2017	99.970	99.940	100.0	1
KU	C1S	2080777	11/2017	11/02/2017	100.020	99.950	99.9	1
KU	C1S	2080778	11/2017	11/02/2017	100.030	99.940	99.9	1
KU	C1S	2080779	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2080780	11/2017	11/02/2017	100.030	99.950	99.9	1
KU	C1S	2080781	11/2017	11/02/2017	100.010	99.940	99.9	1
KU	C1S	2080782	11/2017	11/02/2017	100.020	99.980	100.0	1
KU	C1S	2080783	11/2017	11/02/2017	99.980	99.940	99.9	1
KU	C1S	2080784	11/2017	11/02/2017	99.980	99.960	99.9	1
KU	C1S	2080785	11/2017	11/02/2017	100.010	99.960	100.0	1
KU	C1S	2080786	11/2017	11/02/2017	99.990	99.980	99.9	1
KU	C1S	2080787	11/2017	11/02/2017	99.990	99.950	100.0	1
KU	C1S	2080788	11/2017	11/02/2017	100.030	99.940	100.0	1
KU	C1S	2080789	11/2017	11/02/2017	100.030	99.930	99.9	1
KU	C1S	2080790	11/2017	11/02/2017	99.960	99.920	100.0	1
KU	C1S	2080791	11/2017	11/02/2017	100.060	99.950	100.0	1
KU	C1S	2080792	11/2017	11/02/2017	100.010	99.920	99.9	1
KU	C1S	2080793	11/2017	11/02/2017	99.990	99.970	99.9	1
KU	C1S	2080794	11/2017	11/02/2017	100.000	100.020	100.0	1
KU	C1S	2080795	11/2017	11/02/2017	100.000	99.980	99.9	1
KU	C1S	2080796	11/2017	11/02/2017	100.010	99.980	99.9	1
KU	C1S	2080797	11/2017	11/02/2017	100.000	99.940	99.9	1
KU	C1S	2080798	11/2017	11/02/2017	99.960	99.940	99.9	1
KU	C1S	2080799	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2080800	11/2017	11/02/2017	100.000	99.900	99.9	1
KU	C1S	2080801	11/2017	11/02/2017	100.000	100.000	100.0	1
KU	C1S	2080802	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2080803	11/2017	11/02/2017	99.980	99.940	99.9	1
KU	C1S	2080804	11/2017	11/02/2017	100.010	99.960	100.0	1
KU	C1S	2080805	11/2017	11/02/2017	99.960	100.010	100.0	1
KU	C1S	2080806	11/2017	11/02/2017	99.980	99.970	100.0	1
KU	C1S	2080807	11/2017	11/02/2017	100.000	99.980	100.1	1
KU	C1S	2080808	11/2017	11/02/2017	99.970	99.920	100.0	1
KU	C1S	2080809	11/2017	11/02/2017	100.010	99.930	100.0	1
KU	C1S	2080810	11/2017	11/02/2017	100.000	99.920	99.9	1
KU	C1S	2080811	11/2017	11/02/2017	100.000	99.950	99.9	1
KU	C1S	2080812	11/2017	11/02/2017	100.000	99.980	99.9	1
KU	C1S	2080813	11/2017	11/02/2017	99.990	99.990	99.9	1

KU	C1S	2080814	11/2017	11/02/2017	100.000	100.000	100.0	1
KU	C1S	2080815	11/2017	11/02/2017	99.950	99.950	99.9	1
KU	C1S	2080816	11/2017	11/02/2017	99.970	100.040	100.0	1
KU	C1S	2080817	11/2017	11/02/2017	100.000	99.970	99.9	1
KU	C1S	2080818	11/2017	11/02/2017	99.990	99.970	99.9	1
KU	C1S	2080819	11/2017	11/02/2017	99.990	99.960	100.0	1
KU	C1S	2080820	11/2017	11/02/2017	99.980	99.940	99.9	1
KU	C1S	2080821	11/2017	11/02/2017	99.980	99.950	100.0	1
KU	C1S	2080822	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2080823	11/2017	11/02/2017	99.990	99.920	99.9	1
KU	C1S	2080824	11/2017	11/02/2017	100.020	99.950	100.0	1
KU	C1S	2080825	11/2017	11/02/2017	100.010	99.960	100.0	1
KU	C1S	2080826	11/2017	11/02/2017	99.960	99.940	99.9	1
KU	C1S	2080827	11/2017	11/02/2017	100.030	99.930	99.9	1
KU	C1S	2080828	11/2017	11/02/2017	99.990	99.920	100.0	1
KU	C1S	2080829	11/2017	11/02/2017	100.010	99.950	99.9	1
KU	C1S	2080830	11/2017	11/02/2017	100.050	99.970	99.9	1
KU	C1S	2080831	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2080832	11/2017	11/02/2017	99.990	99.960	99.9	1
KU	C1S	2080833	11/2017	11/02/2017	99.990	99.910	99.9	1
KU	C1S	2080834	11/2017	11/02/2017	100.030	99.980	100.0	1
KU	C1S	2080835	11/2017	11/02/2017	100.010	99.920	99.9	1
KU	C1S	2080836	11/2017	11/02/2017	100.020	99.950	100.0	1
KU	C1S	2080837	11/2017	11/02/2017	99.990	99.930	99.9	1
KU	C1S	2080838	11/2017	11/02/2017	99.990	99.960	99.9	1
KU	C1S	2080839	11/2017	11/02/2017	100.000	99.950	99.9	1
KU	C1S	2080840	11/2017	11/02/2017	100.010	99.920	99.9	1
KU	C1S	2080841	11/2017	11/02/2017	99.980	99.980	100.0	1
KU	C1S	2080842	11/2017	11/02/2017	99.990	99.930	99.9	1
KU	C1S	2080843	11/2017	11/02/2017	100.010	99.920	99.9	1
KU	C1S	2080844	11/2017	11/02/2017	99.990	99.940	99.9	1
KU	C1S	2080845	11/2017	11/02/2017	100.000	99.960	100.0	1
KU	C1S	2080846	11/2017	11/02/2017	100.020	99.970	100.0	1
KU	C1S	2080847	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2080848	11/2017	11/02/2017	100.040	99.930	99.9	1
KU	C1S	2080849	11/2017	11/02/2017	100.020	99.930	99.9	1
KU	C1S	2080850	11/2017	11/02/2017	99.970	100.010	100.0	1
KU	C1S	2080851	11/2017	11/02/2017	100.010	99.930	99.9	1
KU	C1S	2080852	11/2017	11/02/2017	100.000	99.930	99.9	1
KU	C1S	2080853	11/2017	11/02/2017	99.990	99.920	99.9	1
KU	C1S	2080854	11/2017	11/02/2017	99.980	99.950	99.9	1
KU	C1S	2080855	11/2017	11/02/2017	100.000	99.930	99.9	1

KU	C1S	2080856	11/2017	11/02/2017	100.000	99.960	100.0	1
KU	C1S	2080857	11/2017	11/02/2017	99.970	99.940	99.9	1
KU	C1S	2080858	11/2017	11/02/2017	99.990	99.940	99.9	1
KU	C1S	2080859	11/2017	11/02/2017	99.970	100.010	100.0	1
KU	C1S	2080860	11/2017	11/02/2017	99.980	100.020	100.0	1
KU	C1S	2080861	11/2017	11/02/2017	99.990	99.970	99.9	1
KU	C1S	2080862	11/2017	11/02/2017	100.020	100.000	100.0	1
KU	C1S	2080863	11/2017	11/02/2017	100.000	99.930	99.9	1
KU	C1S	2080864	11/2017	11/02/2017	99.980	100.000	100.0	1
KU	C1S	2080865	11/2017	11/02/2017	99.980	99.960	100.0	1
KU	C1S	2080866	11/2017	11/02/2017	99.970	100.030	100.0	1
KU	C1S	2080867	11/2017	11/02/2017	100.020	100.030	100.0	1
KU	C1S	2080868	11/2017	11/02/2017	99.970	100.010	100.0	1
KU	C1S	2080869	11/2017	11/02/2017	99.980	99.990	100.0	1
KU	C1S	2080870	11/2017	11/02/2017	100.000	100.010	100.0	1
KU	C1S	2080871	11/2017	11/02/2017	99.990	100.000	100.0	1
KU	C1S	2080872	11/2017	11/02/2017	99.990	100.010	100.0	1
KU	C1S	2080873	11/2017	11/02/2017	100.000	99.960	99.9	1
KU	C1S	2080874	11/2017	11/02/2017	99.970	99.990	100.0	1
KU	C1S	2080875	11/2017	11/02/2017	100.030	100.020	100.0	1
KU	C1S	2080876	11/2017	11/02/2017	100.020	99.950	99.9	1
KU	C1S	2080877	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2080878	11/2017	11/02/2017	100.000	100.010	100.0	1
KU	C1S	2080879	11/2017	11/02/2017	100.000	99.970	99.9	1
KU	C1S	2080880	11/2017	11/02/2017	100.030	100.020	100.0	1
KU	C1S	2080881	11/2017	11/02/2017	99.990	99.950	100.0	1
KU	C1S	2080882	11/2017	11/02/2017	100.010	100.030	100.0	1
KU	C1S	2080883	11/2017	11/02/2017	99.980	99.970	100.0	1
KU	C1S	2080884	11/2017	11/02/2017	100.030	99.950	99.9	1
KU	C1S	2080885	11/2017	11/02/2017	100.000	100.000	100.0	1
KU	C1S	2080886	11/2017	11/02/2017	99.970	99.960	99.9	1
KU	C1S	2080887	11/2017	11/02/2017	100.010	100.040	100.0	1
KU	C1S	2080888	11/2017	11/02/2017	100.020	99.950	100.0	1
KU	C1S	2080889	11/2017	11/02/2017	100.010	99.950	100.0	1
KU	C1S	2080890	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2080891	11/2017	11/02/2017	99.990	99.920	99.9	1
KU	C1S	2080892	11/2017	11/02/2017	99.990	100.000	100.0	1
KU	C1S	2080893	11/2017	11/02/2017	99.980	99.970	100.0	1
KU	C1S	2080894	11/2017	11/02/2017	100.010	99.930	99.9	1
KU	C1S	2080895	11/2017	11/02/2017	100.020	100.020	100.0	1
KU	C1S	2080896	11/2017	11/02/2017	100.010	100.020	100.3	1
KU	C1S	2080897	11/2017	11/02/2017	100.010	100.000	100.0	1

KU	C1S	2080898	11/2017	11/02/2017	100.000	99.960	100.0	1
KU	C1S	2080899	11/2017	11/02/2017	99.980	100.010	100.0	1
KU	C1S	2080900	11/2017	11/02/2017	99.980	99.940	99.9	1
KU	C1S	2080901	11/2017	11/02/2017	99.950	100.000	100.0	1
KU	C1S	2080902	11/2017	11/02/2017	100.020	100.020	100.0	1
KU	C1S	2080903	11/2017	11/02/2017	100.020	99.990	100.0	1
KU	C1S	2080904	11/2017	11/02/2017	100.010	99.960	99.9	1
KU	C1S	2080905	11/2017	11/02/2017	100.050	99.950	100.0	1
KU	C1S	2080906	11/2017	11/02/2017	99.980	100.010	100.0	1
KU	C1S	2080907	11/2017	11/02/2017	100.010	100.020	100.0	1
KU	C1S	2080908	11/2017	11/02/2017	100.020	100.040	100.0	1
KU	C1S	2080909	11/2017	11/02/2017	100.000	100.020	100.0	1
KU	C1S	2080910	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2080911	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2080912	11/2017	11/02/2017	100.020	100.030	100.0	1
KU	C1S	2080913	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2080914	11/2017	11/02/2017	99.970	99.980	100.0	1
KU	C1S	2080915	11/2017	11/02/2017	99.980	99.960	100.0	1
KU	C1S	2080916	11/2017	11/02/2017	99.990	100.020	100.0	1
KU	C1S	2080917	11/2017	11/02/2017	100.010	100.030	100.0	1
KU	C1S	2080918	11/2017	11/02/2017	100.020	99.940	99.9	1
KU	C1S	2080919	11/2017	11/02/2017	99.990	100.000	100.0	1
KU	C1S	2080920	11/2017	11/02/2017	99.990	99.960	99.9	1
KU	C1S	2080921	11/2017	11/02/2017	100.030	100.010	100.0	1
KU	C1S	2080922	11/2017	11/02/2017	99.980	99.970	99.9	1
KU	C1S	2080923	11/2017	11/02/2017	100.020	99.960	100.0	1
KU	C1S	2080924	11/2017	11/02/2017	100.040	100.010	100.0	1
KU	C1S	2080925	11/2017	11/02/2017	100.010	100.040	100.0	1
KU	C1S	2080926	11/2017	11/02/2017	99.970	100.000	100.0	1
KU	C1S	2080927	11/2017	11/02/2017	100.000	100.040	100.0	1
KU	C1S	2080928	11/2017	11/02/2017	100.010	99.960	100.0	1
KU	C1S	2080929	11/2017	11/02/2017	100.010	99.940	99.9	1
KU	C1S	2080930	11/2017	11/02/2017	100.020	100.030	100.0	1
KU	C1S	2080931	11/2017	11/02/2017	100.030	99.960	100.0	1
KU	C1S	2080932	11/2017	11/02/2017	99.970	99.950	99.9	1
KU	C1S	2080933	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2080934	11/2017	11/02/2017	100.010	99.930	99.9	1
KU	C1S	2080935	11/2017	11/02/2017	99.980	99.970	100.0	1
KU	C1S	2080936	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2080937	11/2017	11/02/2017	100.000	100.010	99.9	1
KU	C1S	2080938	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2080939	11/2017	11/02/2017	100.020	99.920	100.0	1

KU	C1S	2080940	11/2017	11/02/2017	100.030	99.930	99.9	1
KU	C1S	2080941	11/2017	11/02/2017	100.010	99.950	99.9	1
KU	C1S	2080942	11/2017	11/02/2017	100.020	100.060	100.0	1
KU	C1S	2080943	11/2017	11/02/2017	100.030	99.970	100.0	1
KU	C1S	2080944	11/2017	11/02/2017	99.980	99.940	99.9	1
KU	C1S	2080945	11/2017	11/02/2017	100.010	100.010	100.0	1
KU	C1S	2080946	11/2017	11/02/2017	100.020	100.020	100.0	1
KU	C1S	2080947	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2080948	11/2017	11/02/2017	99.990	100.040	100.1	1
KU	C1S	2080949	11/2017	11/02/2017	99.990	100.000	100.0	1
KU	C1S	2080950	11/2017	11/02/2017	100.010	99.950	100.0	1
KU	C1S	2080951	11/2017	11/02/2017	99.990	100.030	100.0	1
KU	C1S	2080952	11/2017	11/02/2017	100.030	100.010	100.0	1
KU	C1S	2080953	11/2017	11/02/2017	100.000	100.020	100.0	1
KU	C1S	2080954	11/2017	11/02/2017	100.020	100.020	100.0	1
KU	C1S	2080955	11/2017	11/02/2017	100.020	99.940	100.0	1
KU	C1S	2080956	11/2017	11/02/2017	99.980	100.020	100.0	1
KU	C1S	2080957	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2080958	11/2017	11/02/2017	99.980	99.960	100.0	1
KU	C1S	2080959	11/2017	11/02/2017	99.990	100.000	100.0	1
KU	C1S	2080960	11/2017	11/02/2017	100.000	100.020	100.0	1
KU	C1S	2080961	11/2017	11/02/2017	100.000	99.960	99.9	1
KU	C1S	2080962	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2080963	11/2017	11/02/2017	100.020	100.030	100.0	1
KU	C1S	2080964	11/2017	11/02/2017	99.990	99.960	99.9	1
KU	C1S	2080965	11/2017	11/02/2017	100.000	99.930	99.9	1
KU	C1S	2080966	11/2017	11/02/2017	100.010	100.010	100.0	1
KU	C1S	2080967	11/2017	11/02/2017	99.990	100.040	100.0	1
KU	C1S	2080968	11/2017	11/02/2017	99.950	100.000	100.0	1
KU	C1S	2080969	11/2017	11/02/2017	99.980	99.950	99.9	1
KU	C1S	2080970	11/2017	11/02/2017	99.970	99.990	100.0	1
KU	C1S	2080971	11/2017	11/02/2017	100.030	99.950	99.9	1
KU	C1S	2080972	11/2017	11/02/2017	100.000	99.960	99.9	1
KU	C1S	2080973	11/2017	11/02/2017	100.000	99.950	99.9	1
KU	C1S	2080974	11/2017	11/02/2017	100.030	99.980	100.0	1
KU	C1S	2080975	11/2017	11/02/2017	100.000	99.960	100.0	1
KU	C1S	2080976	11/2017	11/02/2017	100.000	99.960	100.0	1
KU	C1S	2080977	11/2017	11/02/2017	99.980	99.980	100.1	1
KU	C1S	2080978	11/2017	11/02/2017	99.990	99.960	99.9	1
KU	C1S	2080979	11/2017	11/02/2017	99.960	99.970	100.0	1
KU	C1S	2080980	11/2017	11/02/2017	100.000	99.950	99.9	1
KU	C1S	2080981	11/2017	11/02/2017	100.010	99.950	100.0	1

KU	C1S	2080982	11/2017	11/02/2017	99.960	99.970	100.0	1
KU	C1S	2080983	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2080984	11/2017	11/02/2017	100.020	99.940	100.2	1
KU	C1S	2080985	11/2017	11/02/2017	99.990	99.980	99.9	1
KU	C1S	2080986	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2080987	11/2017	11/02/2017	100.020	100.000	99.9	1
KU	C1S	2080988	11/2017	11/02/2017	100.020	99.990	100.0	1
KU	C1S	2080989	11/2017	11/02/2017	100.020	99.980	99.9	1
KU	C1S	2080990	11/2017	11/02/2017	99.950	99.930	99.9	1
KU	C1S	2080991	11/2017	11/02/2017	99.980	100.030	100.0	1
KU	C1S	2080992	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2080993	11/2017	11/02/2017	100.000	99.960	99.9	1
KU	C1S	2080994	11/2017	11/02/2017	100.000	99.960	100.0	1
KU	C1S	2080995	11/2017	11/02/2017	100.030	99.980	100.0	1
KU	C1S	2080996	11/2017	11/02/2017	99.990	99.930	99.9	1
KU	C1S	2080997	11/2017	11/02/2017	100.010	99.930	99.9	1
KU	C1S	2080998	11/2017	11/02/2017	100.040	99.950	100.0	1
KU	C1S	2080999	11/2017	11/02/2017	100.010	99.960	100.0	1
KU	C1S	2081000	11/2017	11/02/2017	100.000	99.960	100.0	1
KU	C1S	2081001	11/2017	11/02/2017	100.010	99.940	100.0	1
KU	C1S	2081002	11/2017	11/02/2017	100.010	99.950	100.0	1
KU	C1S	2081003	11/2017	11/02/2017	100.000	99.960	100.0	1
KU	C1S	2081004	11/2017	11/02/2017	100.020	99.980	99.9	1
KU	C1S	2081005	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2081006	11/2017	11/02/2017	100.020	99.950	99.9	1
KU	C1S	2081007	11/2017	11/02/2017	100.000	99.960	99.9	1
KU	C1S	2081008	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2081009	11/2017	11/02/2017	100.010	99.950	99.9	1
KU	C1S	2081010	11/2017	11/02/2017	100.020	99.970	100.0	1
KU	C1S	2081011	11/2017	11/02/2017	100.000	99.920	100.0	1
KU	C1S	2081012	11/2017	11/02/2017	100.000	100.040	100.0	1
KU	C1S	2081013	11/2017	11/02/2017	100.010	100.000	99.9	1
KU	C1S	2081014	11/2017	11/02/2017	100.010	99.990	99.9	1
KU	C1S	2081015	11/2017	11/02/2017	99.980	99.940	100.0	1
KU	C1S	2081016	11/2017	11/02/2017	100.020	100.020	100.0	1
KU	C1S	2081017	11/2017	11/02/2017	99.980	99.950	99.9	1
KU	C1S	2081018	11/2017	11/02/2017	100.000	99.900	99.9	1
KU	C1S	2081019	11/2017	11/02/2017	100.030	99.970	100.0	1
KU	C1S	2081020	11/2017	11/02/2017	100.000	99.970	99.9	1
KU	C1S	2081021	11/2017	11/02/2017	100.020	99.940	99.9	1
KU	C1S	2081022	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2081023	11/2017	11/02/2017	100.010	99.970	100.0	1



KU	C1S	2081024	11/2017	11/02/2017	100.020	100.010	100.0	1
KU	C1S	2081025	11/2017	11/02/2017	99.990	100.000	100.0	1
KU	C1S	2081026	11/2017	11/02/2017	100.040	99.950	100.0	1
KU	C1S	2081027	11/2017	11/02/2017	100.030	99.990	100.0	1
KU	C1S	2081028	11/2017	11/02/2017	99.980	99.960	99.9	1
KU	C1S	2081029	11/2017	11/02/2017	100.000	99.990	99.9	1
KU	C1S	2081030	11/2017	11/02/2017	99.980	99.970	100.0	1
KU	C1S	2081031	11/2017	11/02/2017	100.020	99.990	100.0	1
KU	C1S	2081032	11/2017	11/02/2017	100.000	99.970	99.9	1
KU	C1S	2081033	11/2017	11/02/2017	100.020	99.980	100.0	1
KU	C1S	2081034	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2081035	11/2017	11/02/2017	99.990	99.940	99.9	1
KU	C1S	2081036	11/2017	11/02/2017	100.020	99.950	100.0	1
KU	C1S	2081037	11/2017	11/02/2017	99.970	100.010	100.0	1
KU	C1S	2081038	11/2017	11/02/2017	100.020	100.020	100.0	1
KU	C1S	2081039	11/2017	11/02/2017	99.980	99.960	100.0	1
KU	C1S	2081040	11/2017	11/02/2017	99.990	99.960	100.0	1
KU	C1S	2081041	11/2017	11/02/2017	100.010	99.940	99.9	1
KU	C1S	2081042	11/2017	11/02/2017	100.030	99.950	100.0	1
KU	C1S	2081043	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2081044	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2081045	11/2017	11/02/2017	100.000	100.020	100.0	1
KU	C1S	2081046	11/2017	11/02/2017	99.990	99.980	100.1	1
KU	C1S	2081047	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2081048	11/2017	11/02/2017	100.010	99.950	100.0	1
KU	C1S	2081049	11/2017	11/02/2017	100.040	99.970	100.0	1
KU	C1S	2081050	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2081051	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2081052	11/2017	11/02/2017	100.010	100.010	100.0	1
KU	C1S	2081053	11/2017	11/02/2017	100.000	100.000	99.9	1
KU	C1S	2081054	11/2017	11/02/2017	99.990	100.010	99.9	1
KU	C1S	2081055	11/2017	11/02/2017	99.990	100.010	100.0	1
KU	C1S	2081056	11/2017	11/02/2017	100.000	99.960	100.0	1
KU	C1S	2081057	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2081058	11/2017	11/02/2017	99.990	100.020	100.0	1
KU	C1S	2081059	11/2017	11/02/2017	100.000	99.920	100.0	1
KU	C1S	2081060	11/2017	11/02/2017	99.990	99.950	100.0	1
KU	C1S	2081061	11/2017	11/02/2017	99.980	99.960	99.9	1
KU	C1S	2081062	11/2017	11/02/2017	100.050	100.010	100.0	1
KU	C1S	2081063	11/2017	11/02/2017	99.990	100.010	100.0	1
KU	C1S	2081064	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2081065	11/2017	11/02/2017	99.980	99.980	100.0	1

KU	C1S	2081066	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2081067	11/2017	11/02/2017	100.040	100.060	100.0	1
KU	C1S	2081068	11/2017	11/02/2017	100.020	100.020	100.0	1
KU	C1S	2081069	11/2017	11/02/2017	99.950	100.010	100.0	1
KU	C1S	2081070	11/2017	11/02/2017	99.970	100.000	100.0	1
KU	C1S	2081071	11/2017	11/02/2017	100.060	100.020	100.0	1
KU	C1S	2081072	11/2017	11/02/2017	99.960	100.020	100.0	1
KU	C1S	2081073	11/2017	11/02/2017	99.960	99.970	99.9	1
KU	C1S	2081074	11/2017	11/02/2017	100.000	100.030	100.0	1
KU	C1S	2081075	11/2017	11/02/2017	99.960	100.010	100.0	1
KU	C1S	2081076	11/2017	11/02/2017	100.020	99.960	100.0	1
KU	C1S	2081077	11/2017	11/02/2017	99.950	100.000	100.0	1
KU	C1S	2081078	11/2017	11/02/2017	99.990	100.020	100.0	1
KU	C1S	2081079	11/2017	11/02/2017	100.030	100.050	100.0	1
KU	C1S	2081080	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2081081	11/2017	11/02/2017	99.970	100.010	100.0	1
KU	C1S	2081082	11/2017	11/02/2017	99.980	100.000	99.9	1
KU	C1S	2081083	11/2017	11/02/2017	100.020	99.950	99.9	1
KU	C1S	2081084	11/2017	11/02/2017	99.980	99.990	100.0	1
KU	C1S	2081085	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2081086	11/2017	11/02/2017	99.980	100.020	100.0	1
KU	C1S	2081087	11/2017	11/02/2017	99.990	99.960	99.9	1
KU	C1S	2081088	11/2017	11/02/2017	99.980	100.030	100.0	1
KU	C1S	2081089	11/2017	11/02/2017	100.000	100.020	99.9	1
KU	C1S	2081090	11/2017	11/02/2017	99.980	99.950	99.9	1
KU	C1S	2081091	11/2017	11/02/2017	100.040	100.020	100.0	1
KU	C1S	2081092	11/2017	11/02/2017	100.020	100.010	100.0	1
KU	C1S	2081093	11/2017	11/02/2017	100.020	99.970	100.0	1
KU	C1S	2081094	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2081095	11/2017	11/02/2017	99.960	99.960	100.0	1
KU	C1S	2081096	11/2017	11/02/2017	100.030	99.990	100.0	1
KU	C1S	2081097	11/2017	11/02/2017	100.010	99.960	100.0	1
KU	C1S	2081098	11/2017	11/02/2017	100.030	100.010	99.9	1
KU	C1S	2081099	11/2017	11/02/2017	100.020	99.980	100.0	1
KU	C1S	2081100	11/2017	11/02/2017	99.970	100.020	100.0	1
KU	C1S	2081101	11/2017	11/02/2017	100.030	100.000	100.0	1
KU	C1S	2081102	11/2017	11/02/2017	99.990	99.960	100.0	1
KU	C1S	2081103	11/2017	11/02/2017	99.970	99.960	99.9	1
KU	C1S	2081104	11/2017	11/02/2017	100.010	100.010	100.0	1
KU	C1S	2081105	11/2017	11/02/2017	100.020	100.000	100.0	1
KU	C1S	2081106	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2081107	11/2017	11/02/2017	100.030	99.970	100.0	1

KU	C1S	2081108	11/2017	11/02/2017	100.050	99.950	99.9	1
KU	C1S	2081109	11/2017	11/02/2017	100.000	100.000	100.0	1
KU	C1S	2081110	11/2017	11/02/2017	99.990	100.020	100.0	1
KU	C1S	2081111	11/2017	11/02/2017	100.000	100.000	99.9	1
KU	C1S	2081112	11/2017	11/02/2017	99.990	100.010	100.0	1
KU	C1S	2081113	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2081114	11/2017	11/02/2017	99.980	100.020	100.0	1
KU	C1S	2081115	11/2017	11/02/2017	99.970	99.980	99.9	1
KU	C1S	2081116	11/2017	11/02/2017	100.030	99.980	99.9	1
KU	C1S	2081117	11/2017	11/02/2017	99.980	99.970	100.0	1
KU	C1S	2081118	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2081119	11/2017	11/02/2017	99.990	99.960	100.0	1
KU	C1S	2081120	11/2017	11/02/2017	100.030	100.000	100.0	1
KU	C1S	2081121	11/2017	11/02/2017	100.030	99.990	100.0	1
KU	C1S	2081122	11/2017	11/02/2017	100.010	99.940	99.9	1
KU	C1S	2081123	11/2017	11/02/2017	100.010	100.020	100.0	1
KU	C1S	2081124	11/2017	11/02/2017	99.970	99.990	99.9	1
KU	C1S	2081125	11/2017	11/02/2017	100.050	99.970	100.0	1
KU	C1S	2081126	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2081127	11/2017	11/02/2017	100.010	99.990	99.9	1
KU	C1S	2081128	11/2017	11/02/2017	99.990	100.000	100.0	1
KU	C1S	2081129	11/2017	11/02/2017	100.010	100.010	100.0	1
KU	C1S	2081130	11/2017	11/02/2017	99.980	99.960	99.9	1
KU	C1S	2081131	11/2017	11/02/2017	100.030	100.000	100.0	1
KU	C1S	2081132	11/2017	11/02/2017	100.020	99.990	100.0	1
KU	C1S	2081133	11/2017	11/02/2017	99.990	100.020	100.0	1
KU	C1S	2081134	11/2017	11/02/2017	100.020	100.040	99.9	1
KU	C1S	2081135	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2081136	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2081137	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2081138	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2081139	11/2017	11/02/2017	100.010	100.070	100.0	1
KU	C1S	2081140	11/2017	11/02/2017	100.020	100.000	100.0	1
KU	C1S	2081141	11/2017	11/02/2017	99.990	100.020	100.0	1
KU	C1S	2081142	11/2017	11/02/2017	99.980	99.970	100.0	1
KU	C1S	2081143	11/2017	11/02/2017	100.020	99.970	100.0	1
KU	C1S	2081144	11/2017	11/02/2017	100.000	99.980	99.9	1
KU	C1S	2081145	11/2017	11/02/2017	100.010	99.930	99.9	1
KU	C1S	2081146	11/2017	11/02/2017	99.980	99.940	99.9	1
KU	C1S	2081147	11/2017	11/02/2017	99.990	99.970	99.9	1
KU	C1S	2081148	11/2017	11/02/2017	100.010	100.030	100.0	1
KU	C1S	2081149	11/2017	11/02/2017	100.030	99.960	100.0	1

KU	C1S	2081150	11/2017	11/02/2017	100.000	99.950	99.9	1
KU	C1S	2081151	11/2017	11/02/2017	99.970	99.970	99.9	1
KU	C1S	2081152	11/2017	11/02/2017	99.960	99.930	99.9	1
KU	C1S	2081153	11/2017	11/02/2017	99.980	99.980	100.0	1
KU	C1S	2081154	11/2017	11/02/2017	99.950	99.950	99.9	1
KU	C1S	2081155	11/2017	11/02/2017	99.960	99.970	100.0	1
KU	C1S	2081156	11/2017	11/02/2017	99.990	100.000	100.0	1
KU	C1S	2081157	11/2017	11/02/2017	100.010	99.960	99.9	1
KU	C1S	2081158	11/2017	11/02/2017	100.030	100.000	99.9	1
KU	C1S	2081159	11/2017	11/02/2017	100.010	99.970	99.9	1
KU	C1S	2081160	11/2017	11/02/2017	100.010	99.950	99.9	1
KU	C1S	2081161	11/2017	11/02/2017	99.980	99.950	100.0	1
KU	C1S	2081162	11/2017	11/02/2017	100.000	99.980	99.9	1
KU	C1S	2081163	11/2017	11/02/2017	100.010	99.990	99.9	1
KU	C1S	2081164	11/2017	11/02/2017	100.000	99.960	100.0	1
KU	C1S	2081165	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2081166	11/2017	11/02/2017	99.990	99.950	99.9	1
KU	C1S	2081167	11/2017	11/02/2017	99.980	99.990	100.0	1
KU	C1S	2081168	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2081169	11/2017	11/02/2017	100.000	100.010	100.0	1
KU	C1S	2081170	11/2017	11/02/2017	100.020	99.980	100.0	1
KU	C1S	2081171	11/2017	11/02/2017	99.980	99.980	100.0	1
KU	C1S	2081172	11/2017	11/02/2017	100.030	100.010	100.0	1
KU	C1S	2081173	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2081174	11/2017	11/02/2017	100.060	99.950	99.9	1
KU	C1S	2081175	11/2017	11/02/2017	100.020	100.020	100.0	1
KU	C1S	2081176	11/2017	11/02/2017	100.040	99.970	100.0	1
KU	C1S	2081177	11/2017	11/02/2017	99.990	99.960	100.0	1
KU	C1S	2081178	11/2017	11/02/2017	99.980	99.990	100.0	1
KU	C1S	2081179	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2081180	11/2017	11/02/2017	99.990	99.950	99.9	1
KU	C1S	2081181	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2081182	11/2017	11/02/2017	100.030	99.930	99.9	1
KU	C1S	2081183	11/2017	11/02/2017	99.990	99.940	99.9	1
KU	C1S	2081184	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2081185	11/2017	11/02/2017	100.030	99.960	99.9	1
KU	C1S	2081186	11/2017	11/02/2017	100.000	99.960	100.0	1
KU	C1S	2081187	11/2017	11/02/2017	100.020	100.010	100.0	1
KU	C1S	2081188	11/2017	11/02/2017	100.010	99.980	99.9	1
KU	C1S	2081189	11/2017	11/02/2017	99.990	99.930	100.0	1
KU	C1S	2081190	11/2017	11/02/2017	100.030	99.940	99.9	1
KU	C1S	2081191	11/2017	11/02/2017	100.030	99.970	99.9	1

KU	C1S	2081192	11/2017	11/02/2017	100.000	99.950	99.9	1
KU	C1S	2081193	11/2017	11/02/2017	100.030	99.950	99.9	1
KU	C1S	2081194	11/2017	11/02/2017	99.960	100.000	100.0	1
KU	C1S	2081195	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2081196	11/2017	11/02/2017	100.000	100.000	100.0	1
KU	C1S	2081197	11/2017	11/02/2017	99.990	99.970	99.9	1
KU	C1S	2081198	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2081199	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2081200	11/2017	11/02/2017	100.010	99.950	99.9	1
KU	C1S	2081201	11/2017	11/02/2017	100.020	99.970	100.0	1
KU	C1S	2081202	11/2017	11/02/2017	100.020	99.990	100.0	1
KU	C1S	2081203	11/2017	11/02/2017	99.990	100.030	100.0	1
KU	C1S	2081204	11/2017	11/02/2017	100.000	99.960	99.9	1
KU	C1S	2081205	11/2017	11/02/2017	99.970	99.970	99.9	1
KU	C1S	2081206	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2081207	11/2017	11/02/2017	100.000	100.000	100.0	1
KU	C1S	2081208	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2081209	11/2017	11/02/2017	100.010	99.980	99.9	1
KU	C1S	2081210	11/2017	11/02/2017	100.000	100.010	100.0	1
KU	C1S	2081211	11/2017	11/02/2017	100.020	99.990	100.0	1
KU	C1S	2081212	11/2017	11/02/2017	100.010	99.950	99.9	1
KU	C1S	2081213	11/2017	11/02/2017	100.010	100.000	99.9	1
KU	C1S	2081214	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2081215	11/2017	11/02/2017	99.970	99.970	100.0	1
KU	C1S	2081216	11/2017	11/02/2017	100.000	100.000	100.0	1
KU	C1S	2081217	11/2017	11/02/2017	100.000	99.960	100.0	1
KU	C1S	2081218	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2081219	11/2017	11/02/2017	99.970	100.010	100.0	1
KU	C1S	2081220	11/2017	11/02/2017	100.000	99.950	100.0	1
KU	C1S	2081221	11/2017	11/02/2017	100.020	100.000	100.1	1
KU	C1S	2081222	11/2017	11/02/2017	99.970	99.900	99.9	1
KU	C1S	2081223	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2081224	11/2017	11/02/2017	99.990	99.960	100.0	1
KU	C1S	2081225	11/2017	11/02/2017	100.020	99.970	100.0	1
KU	C1S	2081226	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2081227	11/2017	11/02/2017	100.030	99.990	100.0	1
KU	C1S	2081228	11/2017	11/02/2017	99.990	99.960	100.0	1
KU	C1S	2081229	11/2017	11/02/2017	99.980	99.980	100.0	1
KU	C1S	2081230	11/2017	11/02/2017	100.020	99.970	99.9	1
KU	C1S	2081231	11/2017	11/02/2017	99.950	99.980	100.0	1
KU	C1S	2081232	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2081233	11/2017	11/02/2017	100.020	99.990	100.0	1

KU	C1S	2081234	11/2017	11/02/2017	99.990	99.960	99.9	1
KU	C1S	2081235	11/2017	11/02/2017	100.000	100.020	100.0	1
KU	C1S	2081236	11/2017	11/02/2017	100.020	99.970	100.0	1
KU	C1S	2081237	11/2017	11/02/2017	100.010	99.940	99.9	1
KU	C1S	2081238	11/2017	11/02/2017	100.020	100.010	100.0	1
KU	C1S	2081239	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2081240	11/2017	11/02/2017	100.010	99.960	100.0	1
KU	C1S	2081241	11/2017	11/02/2017	100.020	99.940	99.9	1
KU	C1S	2081242	11/2017	11/02/2017	99.980	99.990	100.0	1
KU	C1S	2081243	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2081244	11/2017	11/02/2017	99.970	99.940	100.1	1
KU	C1S	2081245	11/2017	11/02/2017	99.990	99.990	99.9	1
KU	C1S	2081246	11/2017	11/02/2017	99.980	99.970	99.9	1
KU	C1S	2081247	11/2017	11/02/2017	99.970	99.970	100.0	1
KU	C1S	2081248	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2081249	11/2017	11/02/2017	100.010	99.940	100.0	1
KU	C1S	2081250	11/2017	11/02/2017	100.030	99.990	100.0	1
KU	C1S	2081251	11/2017	11/02/2017	100.010	99.950	99.9	1
KU	C1S	2081252	11/2017	11/02/2017	100.030	100.010	100.0	1
KU	C1S	2081253	11/2017	11/02/2017	99.980	99.940	99.9	1
KU	C1S	2081254	11/2017	11/02/2017	99.990	100.000	100.0	1
KU	C1S	2081255	11/2017	11/02/2017	99.980	99.970	99.9	1
KU	C1S	2081256	11/2017	11/02/2017	99.990	100.010	100.0	1
KU	C1S	2081257	11/2017	11/02/2017	100.000	99.950	99.9	1
KU	C1S	2081258	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2081259	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2081260	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2081261	11/2017	11/02/2017	100.010	99.970	99.9	1
KU	C1S	2081262	11/2017	11/02/2017	100.000	99.950	100.0	1
KU	C1S	2081263	11/2017	11/02/2017	99.980	99.960	99.9	1
KU	C1S	2081264	11/2017	11/02/2017	100.010	99.950	99.9	1
KU	C1S	2081265	11/2017	11/02/2017	100.020	99.980	100.0	1
KU	C1S	2081266	11/2017	11/02/2017	100.020	99.990	100.0	1
KU	C1S	2081267	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2081268	11/2017	11/02/2017	99.990	99.940	99.9	1
KU	C1S	2081269	11/2017	11/02/2017	99.980	100.000	100.0	1
KU	C1S	2081270	11/2017	11/02/2017	99.970	99.980	100.0	1
KU	C1S	2081271	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2081272	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2081273	11/2017	11/02/2017	100.000	99.920	99.9	1
KU	C1S	2081274	11/2017	11/02/2017	99.980	99.990	99.9	1
KU	C1S	2081275	11/2017	11/02/2017	99.990	99.940	99.9	1

KU	C1S	2081276	11/2017	11/02/2017	99.960	99.960	99.9	1
KU	C1S	2081277	11/2017	11/02/2017	100.020	99.980	99.9	1
KU	C1S	2081278	11/2017	11/02/2017	99.970	99.920	100.0	1
KU	C1S	2081279	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2081280	11/2017	11/02/2017	99.990	100.000	99.9	1
KU	C1S	2081281	11/2017	11/02/2017	99.990	99.930	99.9	1
KU	C1S	2081282	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2081283	11/2017	11/02/2017	99.980	99.930	99.9	1
KU	C1S	2081284	11/2017	11/02/2017	100.000	99.920	99.9	1
KU	C1S	2081285	11/2017	11/02/2017	99.980	99.950	99.9	1
KU	C1S	2081286	11/2017	11/02/2017	100.010	99.940	99.9	1
KU	C1S	2081287	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2081288	11/2017	11/02/2017	100.000	99.940	100.0	1
KU	C1S	2081289	11/2017	11/02/2017	100.020	99.940	100.0	1
KU	C1S	2081290	11/2017	11/02/2017	99.970	99.990	99.9	1
KU	C1S	2081291	11/2017	11/02/2017	99.980	100.000	100.0	1
KU	C1S	2081292	11/2017	11/02/2017	99.980	100.000	100.0	1
KU	C1S	2081293	11/2017	11/02/2017	100.020	100.000	100.0	1
KU	C1S	2081294	11/2017	11/02/2017	99.980	100.000	99.9	1
KU	C1S	2081295	11/2017	11/02/2017	100.010	99.950	99.9	1
KU	C1S	2081296	11/2017	11/02/2017	99.970	99.970	99.9	1
KU	C1S	2081297	11/2017	11/02/2017	99.980	99.980	100.1	1
KU	C1S	2081298	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2081299	11/2017	11/02/2017	100.000	99.970	99.9	1
KU	C1S	2081300	11/2017	11/02/2017	99.990	99.940	100.0	1
KU	C1S	2081301	11/2017	11/02/2017	99.980	99.980	100.0	1
KU	C1S	2081302	11/2017	11/02/2017	100.010	99.990	99.9	1
KU	C1S	2081303	11/2017	11/02/2017	100.000	99.970	99.9	1
KU	C1S	2081304	11/2017	11/02/2017	99.970	99.950	99.9	1
KU	C1S	2081305	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2081306	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2081307	11/2017	11/02/2017	99.990	99.960	100.0	1
KU	C1S	2081308	11/2017	11/02/2017	99.960	100.000	100.0	1
KU	C1S	2081309	11/2017	11/02/2017	100.010	100.000	99.9	1
KU	C1S	2081310	11/2017	11/02/2017	100.030	99.930	99.9	1
KU	C1S	2081311	11/2017	11/02/2017	99.980	100.000	100.0	1
KU	C1S	2081312	11/2017	11/02/2017	99.990	100.000	100.0	1
KU	C1S	2081313	11/2017	11/02/2017	100.020	99.930	100.0	1
KU	C1S	2081314	11/2017	11/02/2017	99.960	99.990	100.0	1
KU	C1S	2081315	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2081316	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2081317	11/2017	11/02/2017	100.000	99.920	99.9	1

KU	C1S	2081318	11/2017	11/02/2017	100.010	99.990	99.9	1
KU	C1S	2081319	11/2017	11/02/2017	100.010	99.980	99.9	1
KU	C1S	2081320	11/2017	11/02/2017	100.060	99.960	100.0	1
KU	C1S	2081321	11/2017	11/02/2017	100.000	99.980	99.9	1
KU	C1S	2081322	11/2017	11/02/2017	100.040	99.930	100.1	1
KU	C1S	2081323	11/2017	11/02/2017	99.950	99.990	100.0	1
KU	C1S	2081324	11/2017	11/02/2017	100.000	99.970	99.9	1
KU	C1S	2081325	11/2017	11/02/2017	100.010	99.990	99.9	1
KU	C1S	2081326	11/2017	11/02/2017	99.990	99.950	99.9	1
KU	C1S	2081327	11/2017	11/02/2017	100.000	99.980	99.9	1
KU	C1S	2081328	11/2017	11/02/2017	100.000	99.940	99.9	1
KU	C1S	2081329	11/2017	11/02/2017	100.020	99.970	100.0	1
KU	C1S	2081330	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2081331	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2081332	11/2017	11/02/2017	99.980	99.950	100.0	1
KU	C1S	2081333	11/2017	11/02/2017	100.020	99.980	99.9	1
KU	C1S	2081334	11/2017	11/02/2017	99.980	99.990	99.9	1
KU	C1S	2081335	11/2017	11/02/2017	100.020	100.010	100.0	1
KU	C1S	2081336	11/2017	11/02/2017	100.010	99.960	99.9	1
KU	C1S	2081337	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2081338	11/2017	11/02/2017	99.980	99.950	99.9	1
KU	C1S	2081339	11/2017	11/02/2017	99.980	99.940	99.9	1
KU	C1S	2081340	11/2017	11/02/2017	99.990	99.980	99.9	1
KU	C1S	2081341	11/2017	11/02/2017	100.020	99.900	99.9	1
KU	C1S	2081342	11/2017	11/02/2017	99.980	100.000	99.9	1
KU	C1S	2081343	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2081344	11/2017	11/02/2017	100.000	99.950	99.9	1
KU	C1S	2081345	11/2017	11/02/2017	99.980	99.990	99.9	1
KU	C1S	2081346	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2081347	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2081348	11/2017	11/02/2017	100.020	99.970	100.0	1
KU	C1S	2081349	11/2017	11/02/2017	99.990	100.000	100.0	1
KU	C1S	2081350	11/2017	11/02/2017	100.020	99.960	100.0	1
KU	C1S	2081351	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2081352	11/2017	11/02/2017	100.020	99.970	100.0	1
KU	C1S	2081353	11/2017	11/02/2017	100.010	99.970	99.9	1
KU	C1S	2081354	11/2017	11/02/2017	100.020	99.950	99.9	1
KU	C1S	2081355	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2081356	11/2017	11/02/2017	100.000	99.960	99.9	1
KU	C1S	2081357	11/2017	11/02/2017	99.990	99.970	99.9	1
KU	C1S	2081358	11/2017	11/02/2017	100.000	99.930	100.0	1
KU	C1S	2081359	11/2017	11/02/2017	100.010	99.990	100.0	1



KU	C1S	2081360	11/2017	11/02/2017	100.000	99.950	100.0	1
KU	C1S	2081361	11/2017	11/02/2017	100.000	99.930	99.9	1
KU	C1S	2081362	11/2017	11/02/2017	99.970	99.930	99.9	1
KU	C1S	2081363	11/2017	11/02/2017	100.020	100.010	100.0	1
KU	C1S	2081364	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2081365	11/2017	11/02/2017	99.970	99.950	99.9	1
KU	C1S	2081366	11/2017	11/02/2017	100.010	99.940	99.9	1
KU	C1S	2081367	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2081368	11/2017	11/02/2017	100.020	100.020	100.0	1
KU	C1S	2081369	11/2017	11/02/2017	100.000	100.020	99.9	1
KU	C1S	2081370	11/2017	11/02/2017	100.040	99.980	100.0	1
KU	C1S	2081371	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2081372	11/2017	11/02/2017	100.040	99.990	99.9	1
KU	C1S	2081373	11/2017	11/02/2017	99.970	99.980	100.0	1
KU	C1S	2081374	11/2017	11/02/2017	99.970	99.970	100.0	1
KU	C1S	2081375	11/2017	11/02/2017	100.010	99.990	99.9	1
KU	C1S	2081376	11/2017	11/02/2017	100.020	99.970	99.9	1
KU	C1S	2081377	11/2017	11/02/2017	99.990	100.000	100.0	1
KU	C1S	2081378	11/2017	11/02/2017	99.970	99.970	99.9	1
KU	C1S	2081379	11/2017	11/02/2017	100.000	99.960	100.0	1
KU	C1S	2081380	11/2017	11/02/2017	99.990	99.960	99.9	1
KU	C1S	2081381	11/2017	11/02/2017	100.010	99.940	100.0	1
KU	C1S	2081382	11/2017	11/02/2017	100.020	99.990	100.0	1
KU	C1S	2081383	11/2017	11/02/2017	99.980	99.950	100.0	1
KU	C1S	2081384	11/2017	11/02/2017	100.000	99.920	99.9	1
KU	C1S	2081385	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2081386	11/2017	11/02/2017	99.980	99.990	99.9	1
KU	C1S	2081387	11/2017	11/02/2017	99.990	99.970	99.9	1
KU	C1S	2081388	11/2017	11/02/2017	100.040	99.980	100.0	1
KU	C1S	2081389	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2081390	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2081391	11/2017	11/02/2017	99.990	100.000	100.0	1
KU	C1S	2081392	11/2017	11/02/2017	99.980	99.960	99.9	1
KU	C1S	2081393	11/2017	11/02/2017	100.010	100.040	100.0	1
KU	C1S	2081394	11/2017	11/02/2017	100.000	99.930	100.0	1
KU	C1S	2081395	11/2017	11/02/2017	100.000	99.940	99.9	1
KU	C1S	2081396	11/2017	11/02/2017	99.990	99.960	100.0	1
KU	C1S	2081397	11/2017	11/02/2017	100.000	99.950	99.9	1
KU	C1S	2081398	11/2017	11/02/2017	100.030	99.990	99.9	1
KU	C1S	2081399	11/2017	11/02/2017	99.990	99.960	100.0	1
KU	C1S	2081400	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2081401	11/2017	11/02/2017	100.010	100.010	100.0	1

KU	C1S	2081402	11/2017	11/02/2017	100.010	99.940	99.9	1
KU	C1S	2081403	11/2017	11/02/2017	99.980	99.990	99.9	1
KU	C1S	2081404	11/2017	11/02/2017	100.020	99.950	100.0	1
KU	C1S	2081405	11/2017	11/02/2017	100.000	99.960	99.9	1
KU	C1S	2081406	11/2017	11/02/2017	99.960	100.010	100.0	1
KU	C1S	2081407	11/2017	11/02/2017	100.040	99.970	99.9	1
KU	C1S	2081408	11/2017	11/02/2017	99.980	99.960	100.0	1
KU	C1S	2081409	11/2017	11/02/2017	100.030	99.980	100.0	1
KU	C1S	2081410	11/2017	11/02/2017	100.020	99.960	99.9	1
KU	C1S	2081411	11/2017	11/02/2017	100.000	99.960	99.9	1
KU	C1S	2081412	11/2017	11/02/2017	99.990	99.990	99.9	1
KU	C1S	2081413	11/2017	11/02/2017	100.050	99.960	99.9	1
KU	C1S	2081414	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2081415	11/2017	11/02/2017	100.010	99.970	99.9	1
KU	C1S	2081416	11/2017	11/02/2017	99.970	99.990	99.9	1
KU	C1S	2081417	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2081418	11/2017	11/02/2017	100.030	99.990	99.9	1
KU	C1S	2081419	11/2017	11/02/2017	99.970	100.010	100.0	1
KU	C1S	2081420	11/2017	11/02/2017	100.020	99.960	99.9	1
KU	C1S	2081421	11/2017	11/02/2017	100.010	100.010	100.0	1
KU	C1S	2081422	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2081423	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2081424	11/2017	11/02/2017	100.020	99.970	100.0	1
KU	C1S	2081425	11/2017	11/02/2017	99.960	100.020	99.9	1
KU	C1S	2081426	11/2017	11/02/2017	100.020	99.970	99.9	1
KU	C1S	2081427	11/2017	11/02/2017	99.990	100.010	100.0	1
KU	C1S	2081428	11/2017	11/02/2017	100.000	99.950	99.9	1
KU	C1S	2081429	11/2017	11/02/2017	100.000	99.970	99.9	1
KU	C1S	2081430	11/2017	11/02/2017	100.030	99.970	99.9	1
KU	C1S	2081431	11/2017	11/02/2017	99.990	99.950	99.9	1
KU	C1S	2081432	11/2017	11/02/2017	99.980	100.000	99.9	1
KU	C1S	2081433	11/2017	11/02/2017	100.000	99.960	99.9	1
KU	C1S	2081434	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2081435	11/2017	11/02/2017	100.010	99.930	99.9	1
KU	C1S	2081436	11/2017	11/02/2017	99.980	99.970	100.0	1
KU	C1S	2081437	11/2017	11/02/2017	99.970	99.940	99.9	1
KU	C1S	2081438	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2081439	11/2017	11/02/2017	99.960	100.020	100.0	1
KU	C1S	2081440	11/2017	11/02/2017	99.960	100.010	100.0	1
KU	C1S	2081441	11/2017	11/02/2017	100.000	100.000	100.0	1
KU	C1S	2081442	11/2017	11/02/2017	99.990	99.950	99.9	1
KU	C1S	2081443	11/2017	11/02/2017	100.010	100.000	100.0	1

KU	C1S	2081444	11/2017	11/02/2017	100.010	99.980	99.9	1
KU	C1S	2081445	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2081446	11/2017	11/02/2017	99.970	99.950	99.9	1
KU	C1S	2081447	11/2017	11/02/2017	99.990	99.940	99.9	1
KU	C1S	2081448	11/2017	11/02/2017	100.000	99.960	99.9	1
KU	C1S	2081449	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2081450	11/2017	11/02/2017	99.960	99.940	99.9	1
KU	C1S	2081451	11/2017	11/02/2017	99.970	99.980	100.0	1
KU	C1S	2081452	11/2017	11/02/2017	99.990	99.960	99.9	1
KU	C1S	2081453	11/2017	11/02/2017	100.000	99.960	100.0	1
KU	C1S	2081454	11/2017	11/02/2017	99.980	99.980	99.9	1
KU	C1S	2081455	11/2017	11/02/2017	99.990	100.010	100.0	1
KU	C1S	2081456	11/2017	11/02/2017	100.030	99.990	100.0	1
KU	C1S	2081457	11/2017	11/02/2017	100.000	100.010	100.0	1
KU	C1S	2081458	11/2017	11/02/2017	99.960	99.950	99.9	1
KU	C1S	2081459	11/2017	11/02/2017	100.050	99.980	100.0	1
KU	C1S	2081460	11/2017	11/02/2017	100.000	99.960	100.0	1
KU	C1S	2081461	11/2017	11/02/2017	99.980	99.950	99.9	1
KU	C1S	2081462	11/2017	11/02/2017	99.980	99.930	99.9	1
KU	C1S	2081463	11/2017	11/02/2017	100.020	99.950	100.0	1
KU	C1S	2081464	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2081465	11/2017	11/02/2017	100.020	99.950	99.9	1
KU	C1S	2081466	11/2017	11/02/2017	100.000	100.000	100.0	1
KU	C1S	2081467	11/2017	11/02/2017	99.980	99.990	99.9	1
KU	C1S	2081468	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2081469	11/2017	11/02/2017	99.960	99.990	100.0	1
KU	C1S	2081470	11/2017	11/02/2017	99.980	99.920	100.0	1
KU	C1S	2081471	11/2017	11/02/2017	99.980	99.970	100.0	1
KU	C1S	2081472	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2081473	11/2017	11/02/2017	99.980	99.980	100.0	1
KU	C1S	2081474	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2081475	11/2017	11/02/2017	100.000	99.950	100.0	1
KU	C1S	2081476	11/2017	11/02/2017	99.980	100.010	100.0	1
KU	C1S	2081477	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2081478	11/2017	11/02/2017	99.990	99.950	99.9	1
KU	C1S	2081479	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2081480	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2081481	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2081482	11/2017	11/02/2017	99.990	99.960	100.0	1
KU	C1S	2081483	11/2017	11/02/2017	99.980	100.010	100.0	1
KU	C1S	2081484	11/2017	11/02/2017	100.000	99.980	99.9	1
KU	C1S	2081485	11/2017	11/02/2017	99.970	99.960	100.0	1

KU	C1S	2081486	11/2017	11/02/2017	99.990	99.970	99.9	1
KU	C1S	2081487	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2081488	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2081489	11/2017	11/02/2017	100.030	99.990	100.0	1
KU	C1S	2081490	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2081491	11/2017	11/02/2017	100.010	99.920	99.9	1
KU	C1S	2081492	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2081493	11/2017	11/02/2017	100.020	100.000	100.0	1
KU	C1S	2081494	11/2017	11/02/2017	100.000	99.930	99.9	1
KU	C1S	2081495	11/2017	11/02/2017	100.000	100.000	100.0	1
KU	C1S	2081496	11/2017	11/02/2017	99.980	99.970	99.9	1
KU	C1S	2081497	11/2017	11/02/2017	100.030	99.950	99.9	1
KU	C1S	2081498	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2081499	11/2017	11/02/2017	100.010	99.960	100.0	1
KU	C1S	2081500	11/2017	11/02/2017	100.010	99.970	99.9	1
KU	C1S	2081501	11/2017	11/02/2017	100.010	99.940	100.0	1
KU	C1S	2081502	11/2017	11/02/2017	100.010	99.950	99.9	1
KU	C1S	2081503	11/2017	11/02/2017	99.990	99.950	99.9	1
KU	C1S	2081504	11/2017	11/02/2017	99.980	99.940	99.9	1
KU	C1S	2081505	11/2017	11/02/2017	100.000	99.940	99.9	1
KU	C1S	2081506	11/2017	11/02/2017	100.020	99.980	99.9	1
KU	C1S	2081507	11/2017	11/02/2017	100.000	99.930	99.9	1
KU	C1S	2081508	11/2017	11/02/2017	99.990	99.960	100.0	1
KU	C1S	2081509	11/2017	11/02/2017	100.000	99.960	99.9	1
KU	C1S	2081510	11/2017	11/02/2017	99.990	99.940	99.9	1
KU	C1S	2081511	11/2017	11/02/2017	100.000	99.960	99.9	1
KU	C1S	2081512	11/2017	11/02/2017	99.990	100.010	100.0	1
KU	C1S	2081513	11/2017	11/02/2017	99.990	99.960	99.9	1
KU	C1S	2081514	11/2017	11/02/2017	100.020	99.970	100.0	1
KU	C1S	2081515	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2081516	11/2017	11/02/2017	99.980	99.960	100.0	1
KU	C1S	2081517	11/2017	11/02/2017	100.010	99.930	100.0	1
KU	C1S	2081518	11/2017	11/02/2017	99.990	99.930	99.9	1
KU	C1S	2081519	11/2017	11/02/2017	99.970	99.960	100.0	1
KU	C1S	2081520	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2081521	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2081522	11/2017	11/02/2017	99.980	99.940	100.0	1
KU	C1S	2081523	11/2017	11/02/2017	100.010	99.920	99.9	1
KU	C1S	2081524	11/2017	11/02/2017	99.990	99.950	100.0	1
KU	C1S	2081525	11/2017	11/02/2017	100.000	99.960	100.0	1
KU	C1S	2081526	11/2017	11/02/2017	100.030	99.950	100.0	1
KU	C1S	2081527	11/2017	11/02/2017	100.000	99.970	100.0	1

KU	C1S	2081528	11/2017	11/02/2017	100.010	99.940	99.9	1
KU	C1S	2081529	11/2017	11/02/2017	99.980	99.960	99.9	1
KU	C1S	2081530	11/2017	11/02/2017	100.000	99.940	99.9	1
KU	C1S	2081531	11/2017	11/02/2017	100.000	99.960	100.0	1
KU	C1S	2081532	11/2017	11/02/2017	100.020	99.990	100.0	1
KU	C1S	2081533	11/2017	11/02/2017	100.010	99.970	99.9	1
KU	C1S	2081534	11/2017	11/02/2017	100.010	99.960	99.9	1
KU	C1S	2081535	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2081536	11/2017	11/02/2017	99.980	99.970	100.0	1
KU	C1S	2081537	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2081538	11/2017	11/02/2017	99.960	99.980	99.9	1
KU	C1S	2081539	11/2017	11/02/2017	100.030	99.980	100.0	1
KU	C1S	2081540	11/2017	11/02/2017	99.990	99.960	99.9	1
KU	C1S	2081541	11/2017	11/02/2017	99.980	99.970	100.0	1
KU	C1S	2081542	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2081543	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2081544	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2081545	11/2017	11/02/2017	99.950	99.960	99.9	1
KU	C1S	2081546	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2081547	11/2017	11/02/2017	100.020	99.930	99.9	1
KU	C1S	2081548	11/2017	11/02/2017	100.010	99.930	99.9	1
KU	C1S	2081549	11/2017	11/02/2017	100.020	99.930	99.9	1
KU	C1S	2081550	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2081551	11/2017	11/02/2017	100.010	99.960	100.0	1
KU	C1S	2081552	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2081553	11/2017	11/02/2017	99.970	99.980	99.9	1
KU	C1S	2081554	11/2017	11/02/2017	100.020	99.970	99.9	1
KU	C1S	2081555	11/2017	11/02/2017	99.980	99.970	100.0	1
KU	C1S	2081556	11/2017	11/02/2017	100.020	99.990	100.0	1
KU	C1S	2081557	11/2017	11/02/2017	100.000	99.950	99.9	1
KU	C1S	2081558	11/2017	11/02/2017	100.000	100.000	100.0	1
KU	C1S	2081559	11/2017	11/02/2017	100.020	99.960	99.9	1
KU	C1S	2081560	11/2017	11/02/2017	100.030	99.980	100.0	1
KU	C1S	2081561	11/2017	11/02/2017	99.980	99.950	99.9	1
KU	C1S	2081562	11/2017	11/02/2017	100.020	99.930	99.9	1
KU	C1S	2081563	11/2017	11/02/2017	100.020	99.940	99.9	1
KU	C1S	2081564	11/2017	11/02/2017	100.020	99.960	100.0	1
KU	C1S	2081565	11/2017	11/02/2017	99.990	99.950	99.9	1
KU	C1S	2081566	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2081567	11/2017	11/02/2017	100.000	99.990	99.9	1
KU	C1S	2081568	11/2017	11/02/2017	99.990	99.950	99.9	1
KU	C1S	2081569	11/2017	11/02/2017	99.990	99.940	99.9	1

KU	C1S	2081570	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2081571	11/2017	11/02/2017	100.020	99.930	99.9	1
KU	C1S	2081572	11/2017	11/02/2017	99.990	99.960	100.0	1
KU	C1S	2081573	11/2017	11/02/2017	99.960	99.940	99.9	1
KU	C1S	2081574	11/2017	11/02/2017	99.980	99.960	99.9	1
KU	C1S	2081575	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2081576	11/2017	11/02/2017	99.980	99.920	100.0	1
KU	C1S	2081577	11/2017	11/02/2017	100.020	99.960	100.0	1
KU	C1S	2081578	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2081579	11/2017	11/02/2017	99.990	100.000	99.9	1
KU	C1S	2081580	11/2017	11/02/2017	100.000	99.910	100.0	1
KU	C1S	2081581	11/2017	11/02/2017	100.020	99.960	99.9	1
KU	C1S	2081582	11/2017	11/02/2017	100.020	100.000	100.0	1
KU	C1S	2081583	11/2017	11/02/2017	99.980	99.990	99.9	1
KU	C1S	2081584	11/2017	11/02/2017	99.980	99.990	100.0	1
KU	C1S	2081585	11/2017	11/02/2017	100.020	99.990	99.9	1
KU	C1S	2081586	11/2017	11/02/2017	100.010	99.920	100.0	1
KU	C1S	2081587	11/2017	11/02/2017	99.970	99.930	99.9	1
KU	C1S	2081588	11/2017	11/02/2017	100.010	99.980	99.9	1
KU	C1S	2081589	11/2017	11/02/2017	100.010	99.950	99.9	1
KU	C1S	2081590	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2081591	11/2017	11/02/2017	99.980	99.980	99.9	1
KU	C1S	2081592	11/2017	11/02/2017	100.020	99.980	100.0	1
KU	C1S	2081593	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2081594	11/2017	11/02/2017	99.980	100.020	99.9	1
KU	C1S	2081595	11/2017	11/02/2017	99.990	100.000	100.0	1
KU	C1S	2081596	11/2017	11/02/2017	99.980	99.980	100.0	1
KU	C1S	2081597	11/2017	11/02/2017	100.000	99.920	100.0	1
KU	C1S	2081598	11/2017	11/02/2017	99.990	99.980	99.9	1
KU	C1S	2081599	11/2017	11/02/2017	99.970	100.000	100.0	1
KU	C1S	2081600	11/2017	11/02/2017	99.980	99.960	99.9	1
KU	C1S	2081601	11/2017	11/02/2017	100.010	99.950	99.9	1
KU	C1S	2081602	11/2017	11/02/2017	100.020	100.000	100.0	1
KU	C1S	2081603	11/2017	11/02/2017	99.960	99.970	99.9	1
KU	C1S	2081604	11/2017	11/02/2017	99.980	100.000	100.0	1
KU	C1S	2081605	11/2017	11/02/2017	100.020	100.010	100.0	1
KU	C1S	2081606	11/2017	11/02/2017	100.020	99.940	99.9	1
KU	C1S	2081607	11/2017	11/02/2017	100.030	99.980	99.9	1
KU	C1S	2081608	11/2017	11/02/2017	99.980	99.960	99.9	1
KU	C1S	2081609	11/2017	11/02/2017	100.010	99.980	99.9	1
KU	C1S	2081610	11/2017	11/02/2017	99.990	99.960	99.9	1
KU	C1S	2081611	11/2017	11/02/2017	99.970	99.940	99.9	1

KU	C1S	2081612	11/2017	11/02/2017	100.020	99.930	99.9	1
KU	C1S	2081613	11/2017	11/02/2017	99.990	100.000	100.0	1
KU	C1S	2081614	11/2017	11/02/2017	99.990	99.970	99.9	1
KU	C1S	2081615	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2081616	11/2017	11/02/2017	99.980	99.960	100.0	1
KU	C1S	2081617	11/2017	11/02/2017	100.020	99.960	100.0	1
KU	C1S	2081618	11/2017	11/02/2017	100.030	99.980	100.0	1
KU	C1S	2081619	11/2017	11/02/2017	100.020	99.920	100.0	1
KU	C1S	2081620	11/2017	11/02/2017	99.970	99.960	99.9	1
KU	C1S	2081621	11/2017	11/02/2017	99.980	100.000	100.0	1
KU	C1S	2081622	11/2017	11/02/2017	99.990	100.010	100.0	1
KU	C1S	2081623	11/2017	11/02/2017	100.000	99.910	100.0	1
KU	C1S	2081624	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2081625	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2081626	11/2017	11/02/2017	100.010	99.960	99.9	1
KU	C1S	2081627	11/2017	11/02/2017	100.000	99.950	100.0	1
KU	C1S	2081628	11/2017	11/02/2017	100.010	99.920	99.9	1
KU	C1S	2081629	11/2017	11/02/2017	100.020	99.990	100.0	1
KU	C1S	2081630	11/2017	11/02/2017	100.000	100.020	100.0	1
KU	C1S	2081631	11/2017	11/02/2017	100.030	99.960	100.0	1
KU	C1S	2081632	11/2017	11/02/2017	100.000	99.980	99.9	1
KU	C1S	2081633	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2081634	11/2017	11/02/2017	99.980	99.980	99.9	1
KU	C1S	2081635	11/2017	11/02/2017	99.980	99.980	100.0	1
KU	C1S	2081636	11/2017	11/02/2017	100.000	99.950	99.9	1
KU	C1S	2081637	11/2017	11/02/2017	99.990	100.010	100.0	1
KU	C1S	2081638	11/2017	11/02/2017	99.990	100.010	100.0	1
KU	C1S	2081639	11/2017	11/02/2017	100.040	99.970	100.0	1
KU	C1S	2081640	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2081641	11/2017	11/02/2017	100.010	99.980	99.9	1
KU	C1S	2081642	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2081643	11/2017	11/02/2017	99.980	100.020	100.0	1
KU	C1S	2081644	11/2017	11/02/2017	99.980	99.960	100.0	1
KU	C1S	2081645	11/2017	11/02/2017	99.990	99.940	99.9	1
KU	C1S	2081646	11/2017	11/02/2017	100.010	100.010	100.0	1
KU	C1S	2081647	11/2017	11/02/2017	99.990	99.950	99.9	1
KU	C1S	2081648	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2081649	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2081650	11/2017	11/02/2017	100.020	99.950	100.0	1
KU	C1S	2081651	11/2017	11/02/2017	99.980	99.970	99.9	1
KU	C1S	2081652	11/2017	11/02/2017	99.980	99.960	99.9	1
KU	C1S	2081653	11/2017	11/02/2017	99.990	99.950	100.0	1

KU	C1S	2081654	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2081655	11/2017	11/02/2017	99.980	99.970	100.0	1
KU	C1S	2081656	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2081657	11/2017	11/02/2017	99.980	99.980	100.0	1
KU	C1S	2081658	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2081659	11/2017	11/02/2017	99.980	99.950	99.9	1
KU	C1S	2081660	11/2017	11/02/2017	99.990	99.950	100.0	1
KU	C1S	2081661	11/2017	11/02/2017	99.980	99.990	99.9	1
KU	C1S	2081662	11/2017	11/02/2017	99.980	99.990	100.0	1
KU	C1S	2081663	11/2017	11/02/2017	100.020	99.960	100.0	1
KU	C1S	2081664	11/2017	11/02/2017	99.980	100.000	99.9	1
KU	C1S	2081665	11/2017	11/02/2017	99.980	99.950	100.0	1
KU	C1S	2081666	11/2017	11/02/2017	100.040	99.990	100.0	1
KU	C1S	2081667	11/2017	11/02/2017	100.000	99.990	99.9	1
KU	C1S	2081668	11/2017	11/02/2017	100.030	100.000	100.0	1
KU	C1S	2081669	11/2017	11/02/2017	100.000	99.940	99.9	1
KU	C1S	2081670	11/2017	11/02/2017	99.970	99.940	99.9	1
KU	C1S	2081671	11/2017	11/02/2017	99.960	99.980	99.9	1
KU	C1S	2081672	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2081673	11/2017	11/02/2017	100.020	99.940	99.9	1
KU	C1S	2081674	11/2017	11/02/2017	99.990	99.930	99.9	1
KU	C1S	2081675	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2081676	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2081677	11/2017	11/02/2017	100.010	99.970	99.9	1
KU	C1S	2081678	11/2017	11/02/2017	99.980	100.000	100.0	1
KU	C1S	2081679	11/2017	11/02/2017	100.000	100.010	100.0	1
KU	C1S	2081680	11/2017	11/02/2017	100.040	99.990	100.0	1
KU	C1S	2081681	11/2017	11/02/2017	100.000	99.960	100.0	1
KU	C1S	2081682	11/2017	11/02/2017	100.000	100.010	100.0	1
KU	C1S	2081683	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2081684	11/2017	11/02/2017	100.000	99.920	99.9	1
KU	C1S	2081685	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2081686	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2081687	11/2017	11/02/2017	99.960	100.000	100.0	1
KU	C1S	2081688	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2081689	11/2017	11/02/2017	99.960	99.920	99.9	1
KU	C1S	2081690	11/2017	11/02/2017	99.970	99.990	100.0	1
KU	C1S	2081691	11/2017	11/02/2017	99.980	99.980	99.9	1
KU	C1S	2081692	11/2017	11/02/2017	99.990	99.920	99.9	1
KU	C1S	2081693	11/2017	11/02/2017	100.000	99.990	99.9	1
KU	C1S	2081694	11/2017	11/02/2017	99.960	99.970	100.0	1
KU	C1S	2081695	11/2017	11/02/2017	100.010	99.990	100.0	1



KU	C1S	2081696	11/2017	11/02/2017	100.000	99.960	100.0	1
KU	C1S	2081697	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2081698	11/2017	11/02/2017	100.000	100.000	99.9	1
KU	C1S	2081699	11/2017	11/02/2017	100.030	100.030	100.0	1
KU	C1S	2081700	11/2017	11/02/2017	100.010	99.960	100.0	1
KU	C1S	2081701	11/2017	11/02/2017	99.970	99.960	99.9	1
KU	C1S	2081702	11/2017	11/02/2017	99.960	99.990	99.9	1
KU	C1S	2081703	11/2017	11/02/2017	99.980	99.990	100.0	1
KU	C1S	2081704	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2081705	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2081706	11/2017	11/02/2017	99.960	99.990	100.0	1
KU	C1S	2081707	11/2017	11/02/2017	99.950	100.020	100.0	1
KU	C1S	2081708	11/2017	11/02/2017	100.040	99.960	100.0	1
KU	C1S	2081709	11/2017	11/02/2017	99.960	99.990	100.0	1
KU	C1S	2081710	11/2017	11/02/2017	99.980	99.970	99.9	1
KU	C1S	2081711	11/2017	11/02/2017	99.980	99.970	100.0	1
KU	C1S	2081712	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2081713	11/2017	11/02/2017	99.990	99.970	99.9	1
KU	C1S	2081714	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2081715	11/2017	11/02/2017	100.030	99.940	99.9	1
KU	C1S	2081716	11/2017	11/02/2017	99.990	99.950	99.9	1
KU	C1S	2081717	11/2017	11/02/2017	100.020	99.980	100.0	1
KU	C1S	2081718	11/2017	11/02/2017	99.980	100.020	100.0	1
KU	C1S	2081719	11/2017	11/02/2017	99.990	99.950	99.9	1
KU	C1S	2081720	11/2017	11/02/2017	100.000	99.940	99.9	1
KU	C1S	2081721	11/2017	11/02/2017	100.020	99.990	99.9	1
KU	C1S	2081722	11/2017	11/02/2017	100.010	99.960	99.9	1
KU	C1S	2081723	11/2017	11/02/2017	100.020	99.990	100.0	1
KU	C1S	2081724	11/2017	11/02/2017	100.000	99.960	99.9	1
KU	C1S	2081725	11/2017	11/02/2017	100.030	100.030	100.0	1
KU	C1S	2081726	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2081727	11/2017	11/02/2017	99.980	100.010	100.1	1
KU	C1S	2081728	11/2017	11/02/2017	99.990	100.020	100.0	1
KU	C1S	2081729	11/2017	11/02/2017	99.980	99.970	100.0	1
KU	C1S	2081730	11/2017	11/02/2017	99.990	100.000	100.0	1
KU	C1S	2081731	11/2017	11/02/2017	99.990	99.940	99.9	1
KU	C1S	2081732	11/2017	11/02/2017	99.990	100.000	100.0	1
KU	C1S	2081733	11/2017	11/02/2017	99.950	99.950	100.0	1
KU	C1S	2081734	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2081735	11/2017	11/02/2017	100.010	99.980	99.9	1
KU	C1S	2081736	11/2017	11/02/2017	100.020	99.970	100.0	1
KU	C1S	2081737	11/2017	11/02/2017	99.980	99.950	100.0	1

KU	C1S	2081738	11/2017	11/02/2017	100.030	99.970	100.0	1
KU	C1S	2081739	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2081740	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2081741	11/2017	11/02/2017	99.990	99.960	100.0	1
KU	C1S	2081742	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2081743	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2081744	11/2017	11/02/2017	100.010	100.010	100.0	1
KU	C1S	2081745	11/2017	11/02/2017	100.000	99.960	99.9	1
KU	C1S	2081746	11/2017	11/02/2017	100.030	99.930	100.0	1
KU	C1S	2081747	11/2017	11/02/2017	100.010	99.960	100.0	1
KU	C1S	2081748	11/2017	11/02/2017	100.020	99.980	99.9	1
KU	C1S	2081749	11/2017	11/02/2017	100.000	100.030	99.9	1
KU	C1S	2081750	11/2017	11/02/2017	99.990	99.980	99.9	1
KU	C1S	2081751	11/2017	11/02/2017	99.990	99.950	100.0	1
KU	C1S	2081752	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2081753	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2081754	11/2017	11/02/2017	99.990	99.990	99.9	1
KU	C1S	2081755	11/2017	11/02/2017	100.000	99.960	100.0	1
KU	C1S	2081756	11/2017	11/02/2017	100.020	99.970	100.0	1
KU	C1S	2081757	11/2017	11/02/2017	99.950	100.000	100.0	1
KU	C1S	2081758	11/2017	11/02/2017	100.000	100.030	100.0	1
KU	C1S	2081759	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2081760	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2081761	11/2017	11/02/2017	100.000	100.010	100.0	1
KU	C1S	2081762	11/2017	11/02/2017	99.980	99.980	100.0	1
KU	C1S	2081763	11/2017	11/02/2017	100.000	100.010	100.0	1
KU	C1S	2081764	11/2017	11/02/2017	100.000	99.970	99.9	1
KU	C1S	2081765	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2081766	11/2017	11/02/2017	99.990	99.960	100.0	1
KU	C1S	2081767	11/2017	11/02/2017	99.970	99.970	100.0	1
KU	C1S	2081768	11/2017	11/02/2017	99.990	99.990	99.9	1
KU	C1S	2081769	11/2017	11/02/2017	100.010	99.930	99.9	1
KU	C1S	2081770	11/2017	11/02/2017	100.020	99.960	100.0	1
KU	C1S	2081771	11/2017	11/02/2017	100.020	99.980	99.9	1
KU	C1S	2081772	11/2017	11/02/2017	100.000	100.030	100.0	1
KU	C1S	2081773	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2081774	11/2017	11/02/2017	99.980	99.990	99.9	1
KU	C1S	2081775	11/2017	11/02/2017	100.000	99.970	99.9	1
KU	C1S	2081776	11/2017	11/02/2017	100.000	100.010	100.0	1
KU	C1S	2081777	11/2017	11/02/2017	99.970	99.990	100.0	1
KU	C1S	2081778	11/2017	11/02/2017	99.960	99.970	100.0	1
KU	C1S	2081779	11/2017	11/02/2017	100.000	99.990	100.0	1

KU	C1S	2081780	11/2017	11/02/2017	99.980	99.960	100.0	1
KU	C1S	2081781	11/2017	11/02/2017	99.980	99.950	99.9	1
KU	C1S	2081782	11/2017	11/02/2017	100.020	99.980	100.0	1
KU	C1S	2081783	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2081784	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2081785	11/2017	11/02/2017	100.010	100.020	100.0	1
KU	C1S	2081786	11/2017	11/02/2017	100.040	99.940	99.9	1
KU	C1S	2081787	11/2017	11/02/2017	100.010	99.950	100.0	1
KU	C1S	2081788	11/2017	11/02/2017	99.970	99.990	99.9	1
KU	C1S	2081789	11/2017	11/02/2017	100.000	99.990	99.9	1
KU	C1S	2081790	11/2017	11/02/2017	99.990	99.960	100.0	1
KU	C1S	2081791	11/2017	11/02/2017	99.980	100.000	100.0	1
KU	C1S	2081792	11/2017	11/02/2017	99.970	100.000	99.9	1
KU	C1S	2081793	11/2017	11/02/2017	100.000	100.020	100.0	1
KU	C1S	2081794	11/2017	11/02/2017	100.010	99.950	99.9	1
KU	C1S	2081795	11/2017	11/02/2017	99.990	99.980	99.9	1
KU	C1S	2081796	11/2017	11/02/2017	100.000	99.950	99.9	1
KU	C1S	2081797	11/2017	11/02/2017	99.990	99.940	99.9	1
KU	C1S	2081798	11/2017	11/02/2017	100.000	99.970	99.9	1
KU	C1S	2081799	11/2017	11/02/2017	99.990	99.970	99.9	1
KU	C1S	2081800	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2081801	11/2017	11/02/2017	100.000	99.990	99.9	1
KU	C1S	2081802	11/2017	11/02/2017	99.990	99.970	99.9	1
KU	C1S	2081803	11/2017	11/02/2017	99.990	99.960	99.9	1
KU	C1S	2081804	11/2017	11/02/2017	99.990	99.950	99.9	1
KU	C1S	2081805	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2081806	11/2017	11/02/2017	100.010	99.940	99.9	1
KU	C1S	2081807	11/2017	11/02/2017	99.990	100.030	100.0	1
KU	C1S	2081808	11/2017	11/02/2017	99.990	99.960	99.9	1
KU	C1S	2081809	11/2017	11/02/2017	100.000	100.010	100.0	1
KU	C1S	2081810	11/2017	11/02/2017	99.980	100.020	100.0	1
KU	C1S	2081811	11/2017	11/02/2017	99.960	99.990	100.0	1
KU	C1S	2081812	11/2017	11/02/2017	99.990	99.950	99.9	1
KU	C1S	2081813	11/2017	11/02/2017	100.020	99.960	99.9	1
KU	C1S	2081814	11/2017	11/02/2017	99.980	100.020	100.0	1
KU	C1S	2081815	11/2017	11/02/2017	99.980	99.980	99.9	1
KU	C1S	2081816	11/2017	11/02/2017	100.000	99.890	99.9	1
KU	C1S	2081817	11/2017	11/02/2017	99.980	99.940	99.9	1
KU	C1S	2081818	11/2017	11/02/2017	100.000	99.980	99.9	1
KU	C1S	2081819	11/2017	11/02/2017	100.010	100.050	100.0	1
KU	C1S	2081820	11/2017	11/02/2017	99.990	99.990	99.9	1
KU	C1S	2081821	11/2017	11/02/2017	100.020	99.980	99.9	1

KU	C1S	2081822	11/2017	11/02/2017	99.990	99.960	100.0	1
KU	C1S	2081823	11/2017	11/02/2017	100.020	99.930	99.9	1
KU	C1S	2081824	11/2017	11/02/2017	100.050	99.980	99.9	1
KU	C1S	2081825	11/2017	11/02/2017	100.030	99.980	100.0	1
KU	C1S	2081826	11/2017	11/02/2017	100.000	99.940	100.0	1
KU	C1S	2081827	11/2017	11/02/2017	99.970	100.020	100.0	1
KU	C1S	2081828	11/2017	11/02/2017	100.010	99.980	99.9	1
KU	C1S	2081829	11/2017	11/02/2017	99.970	99.970	100.0	1
KU	C1S	2081830	11/2017	11/02/2017	100.000	99.960	99.9	1
KU	C1S	2081831	11/2017	11/02/2017	100.040	99.950	99.9	1
KU	C1S	2081832	11/2017	11/02/2017	100.030	99.990	100.0	1
KU	C1S	2081833	11/2017	11/02/2017	100.030	99.990	100.0	1
KU	C1S	2081834	11/2017	11/02/2017	99.960	99.980	100.0	1
KU	C1S	2081835	11/2017	11/02/2017	99.990	99.950	100.0	1
KU	C1S	2081836	11/2017	11/02/2017	99.980	100.020	100.0	1
KU	C1S	2081837	11/2017	11/02/2017	100.030	99.960	99.9	1
KU	C1S	2081838	11/2017	11/02/2017	100.000	100.020	99.9	1
KU	C1S	2081839	11/2017	11/02/2017	100.010	100.020	100.0	1
KU	C1S	2081840	11/2017	11/02/2017	99.980	99.980	100.0	1
KU	C1S	2081841	11/2017	11/02/2017	99.980	99.990	99.9	1
KU	C1S	2081842	11/2017	11/02/2017	99.970	100.030	100.0	1
KU	C1S	2081843	11/2017	11/02/2017	100.000	99.960	100.0	1
KU	C1S	2081844	11/2017	11/02/2017	99.980	99.950	99.9	1
KU	C1S	2081845	11/2017	11/02/2017	99.990	99.980	99.9	1
KU	C1S	2081846	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2081847	11/2017	11/02/2017	100.010	99.930	99.9	1
KU	C1S	2081848	11/2017	11/02/2017	100.040	99.970	99.9	1
KU	C1S	2081849	11/2017	11/02/2017	99.990	99.930	99.9	1
KU	C1S	2081850	11/2017	11/02/2017	99.980	99.980	100.0	1
KU	C1S	2081851	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2081852	11/2017	11/02/2017	100.020	99.980	99.9	1
KU	C1S	2081853	11/2017	11/02/2017	99.990	99.930	99.9	1
KU	C1S	2081854	11/2017	11/02/2017	99.990	99.940	99.9	1
KU	C1S	2081855	11/2017	11/02/2017	100.020	99.990	100.0	1
KU	C1S	2081856	11/2017	11/02/2017	100.010	100.010	100.0	1
KU	C1S	2081857	11/2017	11/02/2017	99.980	99.920	100.0	1
KU	C1S	2081858	11/2017	11/02/2017	100.000	99.980	99.9	1
KU	C1S	2081859	11/2017	11/02/2017	100.030	99.960	99.9	1
KU	C1S	2081860	11/2017	11/02/2017	100.000	100.000	100.0	1
KU	C1S	2081861	11/2017	11/02/2017	99.980	99.970	99.9	1
KU	C1S	2081862	11/2017	11/02/2017	100.000	99.950	99.9	1
KU	C1S	2081863	11/2017	11/02/2017	100.030	99.970	99.9	1

KU	C1S	2081864	11/2017	11/02/2017	99.970	100.010	100.1	1
KU	C1S	2081865	11/2017	11/02/2017	100.000	99.980	99.9	1
KU	C1S	2081866	11/2017	11/02/2017	99.980	99.970	99.9	1
KU	C1S	2081867	11/2017	11/02/2017	99.990	99.950	100.0	1
KU	C1S	2081868	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2081869	11/2017	11/02/2017	100.010	99.950	99.9	1
KU	C1S	2081870	11/2017	11/02/2017	100.020	99.980	100.0	1
KU	C1S	2081871	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2081872	11/2017	11/02/2017	100.010	99.960	99.9	1
KU	C1S	2081873	11/2017	11/02/2017	100.010	99.940	99.9	1
KU	C1S	2081874	11/2017	11/02/2017	100.010	100.040	100.0	1
KU	C1S	2081875	11/2017	11/02/2017	99.970	99.950	100.0	1
KU	C1S	2081876	11/2017	11/02/2017	99.980	99.980	99.9	1
KU	C1S	2081877	11/2017	11/02/2017	100.010	99.940	99.9	1
KU	C1S	2081878	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2081879	11/2017	11/02/2017	99.990	99.980	99.9	1
KU	C1S	2081880	11/2017	11/02/2017	100.030	99.950	99.9	1
KU	C1S	2081881	11/2017	11/02/2017	100.020	99.980	100.0	1
KU	C1S	2081882	11/2017	11/02/2017	100.000	99.950	99.9	1
KU	C1S	2081883	11/2017	11/02/2017	100.030	100.010	100.0	1
KU	C1S	2081884	11/2017	11/02/2017	100.020	100.030	100.0	1
KU	C1S	2081885	11/2017	11/02/2017	100.010	100.030	100.0	1
KU	C1S	2081886	11/2017	11/02/2017	100.010	100.040	100.0	1
KU	C1S	2081887	11/2017	11/02/2017	100.010	99.950	100.0	1
KU	C1S	2081888	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2081889	11/2017	11/02/2017	100.000	100.010	100.0	1
KU	C1S	2081890	11/2017	11/02/2017	99.990	99.940	99.9	1
KU	C1S	2081891	11/2017	11/02/2017	100.010	99.920	100.0	1
KU	C1S	2081892	11/2017	11/02/2017	100.010	99.900	99.9	1
KU	C1S	2081893	11/2017	11/02/2017	99.980	99.920	99.9	1
KU	C1S	2081894	11/2017	11/02/2017	99.980	99.990	100.0	1
KU	C1S	2081895	11/2017	11/02/2017	99.970	99.990	99.9	1
KU	C1S	2081896	11/2017	11/02/2017	99.980	99.940	100.0	1
KU	C1S	2081897	11/2017	11/02/2017	100.000	99.960	100.0	1
KU	C1S	2081898	11/2017	11/02/2017	100.020	100.040	100.0	1
KU	C1S	2081899	11/2017	11/02/2017	99.960	100.030	100.0	1
KU	C1S	2081900	11/2017	11/02/2017	100.030	99.960	99.9	1
KU	C1S	2081901	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2081902	11/2017	11/02/2017	99.980	99.970	100.0	1
KU	C1S	2081903	11/2017	11/02/2017	99.970	99.980	99.9	1
KU	C1S	2081904	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2081905	11/2017	11/02/2017	100.010	99.960	99.9	1

KU	C1S	2081906	11/2017	11/02/2017	100.000	100.030	100.0	1
KU	C1S	2081907	11/2017	11/02/2017	100.030	100.000	99.9	1
KU	C1S	2081908	11/2017	11/02/2017	100.030	100.010	100.0	1
KU	C1S	2081909	11/2017	11/02/2017	99.990	99.950	99.9	1
KU	C1S	2081910	11/2017	11/02/2017	100.030	99.980	100.0	1
KU	C1S	2081911	11/2017	11/02/2017	100.020	100.000	100.0	1
KU	C1S	2081912	11/2017	11/02/2017	100.000	99.940	99.9	1
KU	C1S	2081913	11/2017	11/02/2017	99.980	100.050	100.0	1
KU	C1S	2081914	11/2017	11/02/2017	100.020	100.020	100.0	1
KU	C1S	2081915	11/2017	11/02/2017	99.990	100.040	100.0	1
KU	C1S	2081916	11/2017	11/02/2017	100.000	99.940	99.9	1
KU	C1S	2081917	11/2017	11/02/2017	100.010	99.970	99.9	1
KU	C1S	2081918	11/2017	11/02/2017	100.050	100.030	100.0	1
KU	C1S	2081919	11/2017	11/02/2017	99.990	100.010	100.0	1
KU	C1S	2081920	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2081921	11/2017	11/02/2017	100.000	100.050	100.0	1
KU	C1S	2081922	11/2017	11/02/2017	100.030	100.040	100.0	1
KU	C1S	2081923	11/2017	11/02/2017	100.000	99.950	99.9	1
KU	C1S	2081924	11/2017	11/02/2017	100.000	99.970	99.9	1
KU	C1S	2081925	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2081926	11/2017	11/02/2017	99.980	99.980	100.0	1
KU	C1S	2081927	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2081928	11/2017	11/02/2017	99.970	100.040	100.0	1
KU	C1S	2081929	11/2017	11/02/2017	99.990	99.960	100.0	1
KU	C1S	2081930	11/2017	11/02/2017	99.980	100.040	100.0	1
KU	C1S	2081931	11/2017	11/02/2017	100.000	100.010	100.0	1
KU	C1S	2081932	11/2017	11/02/2017	100.000	100.040	100.0	1
KU	C1S	2081933	11/2017	11/02/2017	100.040	100.020	100.0	1
KU	C1S	2081934	11/2017	11/02/2017	100.010	99.980	99.9	1
KU	C1S	2081935	11/2017	11/02/2017	99.980	100.030	100.0	1
KU	C1S	2081936	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2081937	11/2017	11/02/2017	100.000	100.030	100.0	1
KU	C1S	2081938	11/2017	11/02/2017	99.990	100.000	100.0	1
KU	C1S	2081939	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2081940	11/2017	11/02/2017	100.010	100.050	100.0	1
KU	C1S	2081941	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2081942	11/2017	11/02/2017	100.000	99.990	99.9	1
KU	C1S	2081943	11/2017	11/02/2017	99.970	100.000	100.0	1
KU	C1S	2081944	11/2017	11/02/2017	100.010	100.030	100.0	1
KU	C1S	2081945	11/2017	11/02/2017	100.000	100.040	100.0	1
KU	C1S	2081946	11/2017	11/02/2017	100.010	100.030	100.0	1
KU	C1S	2081947	11/2017	11/02/2017	100.010	100.040	100.0	1

KU	C1S	2081948	11/2017	11/02/2017	99.980	99.960	100.0	1
KU	C1S	2081949	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2081950	11/2017	11/02/2017	99.980	99.940	99.9	1
KU	C1S	2081951	11/2017	11/02/2017	100.000	99.940	100.0	1
KU	C1S	2081952	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2081953	11/2017	11/02/2017	100.010	99.960	100.0	1
KU	C1S	2081954	11/2017	11/02/2017	99.990	100.030	100.0	1
KU	C1S	2081955	11/2017	11/02/2017	99.990	99.960	99.9	1
KU	C1S	2081956	11/2017	11/02/2017	100.000	99.960	100.0	1
KU	C1S	2081957	11/2017	11/02/2017	100.050	100.030	100.0	1
KU	C1S	2081958	11/2017	11/02/2017	100.030	100.020	100.0	1
KU	C1S	2081959	11/2017	11/02/2017	100.000	100.000	100.0	1
KU	C1S	2081960	11/2017	11/02/2017	99.990	100.020	100.0	1
KU	C1S	2081961	11/2017	11/02/2017	99.980	100.010	100.0	1
KU	C1S	2081962	11/2017	11/02/2017	99.980	99.980	100.0	1
KU	C1S	2081963	11/2017	11/02/2017	99.990	99.950	100.0	1
KU	C1S	2081964	11/2017	11/02/2017	99.970	99.970	100.0	1
KU	C1S	2081965	11/2017	11/02/2017	99.990	100.020	100.0	1
KU	C1S	2081966	11/2017	11/02/2017	100.040	99.970	100.0	1
KU	C1S	2081967	11/2017	11/02/2017	100.010	99.940	99.9	1
KU	C1S	2081968	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2081969	11/2017	11/02/2017	99.990	100.020	100.0	1
KU	C1S	2081970	11/2017	11/02/2017	99.980	99.990	100.0	1
KU	C1S	2081971	11/2017	11/02/2017	99.980	100.030	100.0	1
KU	C1S	2081972	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2081973	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2081974	11/2017	11/02/2017	99.980	100.030	100.0	1
KU	C1S	2081975	11/2017	11/02/2017	99.970	99.970	100.0	1
KU	C1S	2081976	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2081977	11/2017	11/02/2017	100.020	99.960	99.9	1
KU	C1S	2081978	11/2017	11/02/2017	100.010	99.930	99.9	1
KU	C1S	2081979	11/2017	11/02/2017	100.000	100.030	99.9	1
KU	C1S	2081980	11/2017	11/02/2017	99.980	99.970	100.0	1
KU	C1S	2081981	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2081982	11/2017	11/02/2017	100.000	100.020	100.0	1
KU	C1S	2081983	11/2017	11/02/2017	99.980	99.970	100.0	1
KU	C1S	2081984	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2081985	11/2017	11/02/2017	100.010	100.030	100.0	1
KU	C1S	2081986	11/2017	11/02/2017	99.980	100.040	100.0	1
KU	C1S	2081987	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2081988	11/2017	11/02/2017	99.970	99.970	100.0	1
KU	C1S	2081989	11/2017	11/02/2017	100.030	99.980	99.9	1

KU	C1S	2081990	11/2017	11/02/2017	100.030	99.940	99.9	1
KU	C1S	2081991	11/2017	11/02/2017	100.000	100.020	100.0	1
KU	C1S	2081992	11/2017	11/02/2017	99.990	99.930	100.0	1
KU	C1S	2081993	11/2017	11/02/2017	100.000	100.010	100.0	1
KU	C1S	2081994	11/2017	11/02/2017	100.030	100.010	100.0	1
KU	C1S	2081995	11/2017	11/02/2017	100.010	99.950	100.0	1
KU	C1S	2081996	11/2017	11/02/2017	99.970	99.980	99.9	1
KU	C1S	2081997	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2081998	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2081999	11/2017	11/02/2017	100.020	99.980	100.0	1
KU	C1S	2082000	11/2017	11/02/2017	100.000	100.000	100.0	1
KU	C1S	2082001	11/2017	11/02/2017	99.970	100.010	100.0	1
KU	C1S	2082002	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2082003	11/2017	11/02/2017	100.030	99.950	99.9	1
KU	C1S	2082004	11/2017	11/02/2017	100.000	100.000	99.9	1
KU	C1S	2082005	11/2017	11/02/2017	99.980	99.950	99.9	1
KU	C1S	2082006	11/2017	11/02/2017	100.020	100.020	100.0	1
KU	C1S	2082007	11/2017	11/02/2017	99.980	100.010	100.0	1
KU	C1S	2082008	11/2017	11/02/2017	99.980	99.970	100.0	1
KU	C1S	2082009	11/2017	11/02/2017	99.990	99.940	99.9	1
KU	C1S	2082010	11/2017	11/02/2017	100.040	99.970	100.0	1
KU	C1S	2082011	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2082012	11/2017	11/02/2017	100.030	99.980	99.9	1
KU	C1S	2082013	11/2017	11/02/2017	100.000	99.930	100.0	1
KU	C1S	2082014	11/2017	11/02/2017	99.980	99.950	99.9	1
KU	C1S	2082015	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2082016	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2082017	11/2017	11/02/2017	100.020	99.990	99.9	1
KU	C1S	2082018	11/2017	11/02/2017	99.990	99.960	99.9	1
KU	C1S	2082019	11/2017	11/02/2017	100.000	100.010	100.0	1
KU	C1S	2082020	11/2017	11/02/2017	100.030	100.000	100.0	1
KU	C1S	2082021	11/2017	11/02/2017	99.990	99.960	99.9	1
KU	C1S	2082022	11/2017	11/02/2017	100.000	99.950	100.0	1
KU	C1S	2082023	11/2017	11/02/2017	100.000	99.960	100.0	1
KU	C1S	2082024	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2082025	11/2017	11/02/2017	99.960	99.920	99.9	1
KU	C1S	2082026	11/2017	11/02/2017	100.030	99.930	99.9	1
KU	C1S	2082027	11/2017	11/02/2017	99.970	99.990	100.0	1
KU	C1S	2082028	11/2017	11/02/2017	99.980	99.980	100.0	1
KU	C1S	2082029	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2082030	11/2017	11/02/2017	99.990	99.960	99.9	1
KU	C1S	2082031	11/2017	11/02/2017	100.010	100.050	100.0	1



KU	C1S	2082032	11/2017	11/02/2017	100.020	99.990	100.0	1
KU	C1S	2082033	11/2017	11/02/2017	99.980	99.950	100.0	1
KU	C1S	2082034	11/2017	11/02/2017	100.000	99.940	99.9	1
KU	C1S	2082035	11/2017	11/02/2017	99.980	99.980	99.9	1
KU	C1S	2082036	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2082037	11/2017	11/02/2017	99.970	99.950	99.9	1
KU	C1S	2082038	11/2017	11/02/2017	99.970	99.960	100.0	1
KU	C1S	2082039	11/2017	11/02/2017	99.990	99.950	99.9	1
KU	C1S	2082040	11/2017	11/02/2017	100.000	99.960	100.0	1
KU	C1S	2082041	11/2017	11/02/2017	99.980	100.030	100.0	1
KU	C1S	2082042	11/2017	11/02/2017	99.980	99.990	100.0	1
KU	C1S	2082043	11/2017	11/02/2017	100.020	99.980	100.0	1
KU	C1S	2082044	11/2017	11/02/2017	99.990	100.020	100.0	1
KU	C1S	2082045	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2082046	11/2017	11/02/2017	100.000	100.020	100.0	1
KU	C1S	2082047	11/2017	11/02/2017	99.990	99.950	100.0	1
KU	C1S	2082048	11/2017	11/02/2017	100.030	99.960	99.9	1
KU	C1S	2082049	11/2017	11/02/2017	100.030	100.020	100.0	1
KU	C1S	2082050	11/2017	11/02/2017	100.000	99.980	99.9	1
KU	C1S	2082051	11/2017	11/02/2017	99.970	100.010	100.0	1
KU	C1S	2082052	11/2017	11/02/2017	100.000	100.030	100.0	1
KU	C1S	2082053	11/2017	11/02/2017	100.010	99.980	99.9	1
KU	C1S	2082054	11/2017	11/02/2017	100.050	100.010	100.0	1
KU	C1S	2082055	11/2017	11/02/2017	99.970	99.960	100.0	1
KU	C1S	2082056	11/2017	11/02/2017	100.020	100.030	100.0	1
KU	C1S	2082057	11/2017	11/02/2017	99.990	99.990	99.9	1
KU	C1S	2082058	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2082059	11/2017	11/02/2017	100.040	99.980	99.9	1
KU	C1S	2082060	11/2017	11/02/2017	100.010	100.010	100.0	1
KU	C1S	2082061	11/2017	11/02/2017	100.030	99.980	100.0	1
KU	C1S	2082062	11/2017	11/02/2017	99.980	99.950	99.9	1
KU	C1S	2082063	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2082064	11/2017	11/02/2017	99.970	100.010	100.0	1
KU	C1S	2082065	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2082066	11/2017	11/02/2017	99.990	100.020	100.0	1
KU	C1S	2082067	11/2017	11/02/2017	100.010	99.940	99.9	1
KU	C1S	2082068	11/2017	11/02/2017	99.990	99.940	99.9	1
KU	C1S	2082069	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2082070	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2082071	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2082072	11/2017	11/02/2017	99.990	100.010	100.0	1
KU	C1S	2082073	11/2017	11/02/2017	99.970	99.930	99.9	1

KU	C1S	2082074	11/2017	11/02/2017	99.970	100.030	100.0	1
KU	C1S	2082075	11/2017	11/02/2017	100.000	99.940	100.0	1
KU	C1S	2082076	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2082077	11/2017	11/02/2017	99.980	99.970	99.9	1
KU	C1S	2082078	11/2017	11/02/2017	100.010	99.960	99.9	1
KU	C1S	2082079	11/2017	11/02/2017	100.010	99.960	100.0	1
KU	C1S	2082080	11/2017	11/02/2017	99.990	99.980	99.9	1
KU	C1S	2082081	11/2017	11/02/2017	100.030	99.990	100.0	1
KU	C1S	2082082	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2082083	11/2017	11/02/2017	99.960	100.000	100.0	1
KU	C1S	2082084	11/2017	11/02/2017	100.040	99.950	99.9	1
KU	C1S	2082085	11/2017	11/02/2017	100.010	100.010	100.0	1
KU	C1S	2082086	11/2017	11/02/2017	100.010	99.930	99.9	1
KU	C1S	2082087	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2082088	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2082089	11/2017	11/02/2017	99.970	99.980	99.9	1
KU	C1S	2082090	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2082091	11/2017	11/02/2017	99.980	99.990	100.0	1
KU	C1S	2082092	11/2017	11/02/2017	99.960	99.990	99.9	1
KU	C1S	2082093	11/2017	11/02/2017	100.000	99.990	99.9	1
KU	C1S	2082094	11/2017	11/02/2017	99.980	100.000	99.9	1
KU	C1S	2082095	11/2017	11/02/2017	100.030	99.950	100.0	1
KU	C1S	2082096	11/2017	11/02/2017	100.020	99.980	99.9	1
KU	C1S	2082097	11/2017	11/02/2017	100.010	99.940	100.0	1
KU	C1S	2082098	11/2017	11/02/2017	99.980	99.950	99.9	1
KU	C1S	2082099	11/2017	11/02/2017	100.030	99.960	99.9	1
KU	C1S	2082100	11/2017	11/02/2017	99.970	99.960	100.0	1
KU	C1S	2082101	11/2017	11/02/2017	100.010	99.950	99.9	1
KU	C1S	2082102	11/2017	11/02/2017	99.990	99.940	100.0	1
KU	C1S	2082103	11/2017	11/02/2017	99.980	99.960	99.9	1
KU	C1S	2082104	11/2017	11/02/2017	100.010	99.960	99.9	1
KU	C1S	2082105	11/2017	11/02/2017	100.000	100.000	100.0	1
KU	C1S	2082106	11/2017	11/02/2017	100.010	99.980	99.9	1
KU	C1S	2082107	11/2017	11/02/2017	100.000	99.960	100.0	1
KU	C1S	2082108	11/2017	11/02/2017	100.020	99.950	99.9	1
KU	C1S	2082109	11/2017	11/02/2017	100.040	100.010	100.0	1
KU	C1S	2082110	11/2017	11/02/2017	99.990	100.020	100.0	1
KU	C1S	2082111	11/2017	11/02/2017	100.040	99.980	100.0	1
KU	C1S	2082112	11/2017	11/02/2017	99.980	99.980	100.0	1
KU	C1S	2082113	11/2017	11/02/2017	100.010	100.020	100.0	1
KU	C1S	2082114	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2082115	11/2017	11/02/2017	100.000	99.970	99.9	1

KU	C1S	2082116	11/2017	11/02/2017	100.000	99.960	100.0	1
KU	C1S	2082117	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2082118	11/2017	11/02/2017	99.950	100.020	99.9	1
KU	C1S	2082119	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2082120	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2082121	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2082122	11/2017	11/02/2017	99.970	100.000	100.0	1
KU	C1S	2082123	11/2017	11/02/2017	99.980	99.970	99.9	1
KU	C1S	2082124	11/2017	11/02/2017	100.000	99.960	100.0	1
KU	C1S	2082125	11/2017	11/02/2017	100.020	99.990	100.0	1
KU	C1S	2082126	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2082127	11/2017	11/02/2017	100.040	99.970	100.0	1
KU	C1S	2082128	11/2017	11/02/2017	100.040	99.930	99.9	1
KU	C1S	2082129	11/2017	11/02/2017	100.000	100.000	100.0	1
KU	C1S	2082130	11/2017	11/02/2017	100.020	100.000	100.0	1
KU	C1S	2082131	11/2017	11/02/2017	100.010	99.920	99.9	1
KU	C1S	2082132	11/2017	11/02/2017	100.000	99.980	99.9	1
KU	C1S	2082133	11/2017	11/02/2017	100.010	99.960	100.0	1
KU	C1S	2082134	11/2017	11/02/2017	100.040	100.020	100.0	1
KU	C1S	2082135	11/2017	11/02/2017	100.030	99.950	100.0	1
KU	C1S	2082136	11/2017	11/02/2017	99.990	100.010	100.0	1
KU	C1S	2082137	11/2017	11/02/2017	99.970	99.980	99.9	1
KU	C1S	2082138	11/2017	11/02/2017	99.980	99.940	99.9	1
KU	C1S	2082139	11/2017	11/02/2017	100.020	99.960	99.9	1
KU	C1S	2082140	11/2017	11/02/2017	100.000	100.010	100.0	1
KU	C1S	2082141	11/2017	11/02/2017	100.010	99.950	99.9	1
KU	C1S	2082142	11/2017	11/02/2017	100.010	99.940	99.9	1
KU	C1S	2082143	11/2017	11/02/2017	100.010	99.960	100.0	1
KU	C1S	2082144	11/2017	11/02/2017	100.030	99.940	99.9	1
KU	C1S	2082145	11/2017	11/02/2017	100.010	99.980	99.9	1
KU	C1S	2082146	11/2017	11/02/2017	99.970	99.980	100.0	1
KU	C1S	2082147	11/2017	11/02/2017	100.000	99.980	99.9	1
KU	C1S	2082148	11/2017	11/02/2017	99.990	99.930	99.9	1
KU	C1S	2082149	11/2017	11/02/2017	100.030	99.940	99.9	1
KU	C1S	2082150	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2082151	11/2017	11/02/2017	100.010	99.950	100.0	1
KU	C1S	2082152	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2082153	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2082154	11/2017	11/02/2017	99.990	99.930	99.9	1
KU	C1S	2082155	11/2017	11/02/2017	100.020	99.990	99.9	1
KU	C1S	2082156	11/2017	11/02/2017	99.980	100.000	99.9	1
KU	C1S	2082157	11/2017	11/02/2017	99.990	100.030	100.0	1

KU	C1S	2082158	11/2017	11/02/2017	99.990	99.940	100.0	1
KU	C1S	2082159	11/2017	11/02/2017	100.010	99.950	99.9	1
KU	C1S	2082160	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2082161	11/2017	11/02/2017	99.980	99.990	100.0	1
KU	C1S	2082162	11/2017	11/02/2017	99.980	99.970	99.9	1
KU	C1S	2082163	11/2017	11/02/2017	100.020	99.950	99.9	1
KU	C1S	2082164	11/2017	11/02/2017	100.020	99.910	99.9	1
KU	C1S	2082165	11/2017	11/02/2017	100.000	99.940	99.9	1
KU	C1S	2082166	11/2017	11/02/2017	100.000	99.920	99.9	1
KU	C1S	2082167	11/2017	11/02/2017	100.040	99.920	99.9	1
KU	C1S	2082168	11/2017	11/02/2017	100.030	99.960	100.0	1
KU	C1S	2082169	11/2017	11/02/2017	99.990	99.940	100.0	1
KU	C1S	2082170	11/2017	11/02/2017	100.000	99.980	99.9	1
KU	C1S	2082171	11/2017	11/02/2017	100.020	99.980	99.9	1
KU	C1S	2082172	11/2017	11/02/2017	100.020	99.960	99.9	1
KU	C1S	2082173	11/2017	11/02/2017	100.000	99.960	100.0	1
KU	C1S	2082174	11/2017	11/02/2017	100.010	99.920	99.9	1
KU	C1S	2082175	11/2017	11/02/2017	100.010	99.920	99.9	1
KU	C1S	2082176	11/2017	11/02/2017	100.010	99.930	99.9	1
KU	C1S	2082177	11/2017	11/02/2017	100.010	99.970	99.9	1
KU	C1S	2082178	11/2017	11/02/2017	100.000	99.910	100.0	1
KU	C1S	2082179	11/2017	11/02/2017	100.000	99.940	99.9	1
KU	C1S	2082180	11/2017	11/02/2017	100.010	99.890	99.9	1
KU	C1S	2082181	11/2017	11/02/2017	100.010	99.910	99.9	1
KU	C1S	2082182	11/2017	11/02/2017	100.000	99.950	99.9	1
KU	C1S	2082183	11/2017	11/02/2017	100.000	99.950	99.9	1
KU	C1S	2082184	11/2017	11/02/2017	99.990	99.970	99.9	1
KU	C1S	2082185	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2082186	11/2017	11/02/2017	100.020	99.940	99.9	1
KU	C1S	2082187	11/2017	11/02/2017	100.030	99.980	99.9	1
KU	C1S	2082188	11/2017	11/02/2017	100.020	99.940	99.9	1
KU	C1S	2082189	11/2017	11/02/2017	99.980	99.930	99.9	1
KU	C1S	2082190	11/2017	11/02/2017	100.020	99.910	100.0	1
KU	C1S	2082191	11/2017	11/02/2017	100.010	100.040	100.0	1
KU	C1S	2082192	11/2017	11/02/2017	100.030	99.930	100.0	1
KU	C1S	2082193	11/2017	11/02/2017	100.040	99.970	100.0	1
KU	C1S	2082194	11/2017	11/02/2017	99.960	99.980	99.9	1
KU	C1S	2082195	11/2017	11/02/2017	99.960	99.930	99.9	1
KU	C1S	2082196	11/2017	11/02/2017	100.050	99.950	99.9	1
KU	C1S	2082197	11/2017	11/02/2017	100.030	99.910	99.9	1
KU	C1S	2082198	11/2017	11/02/2017	99.980	99.990	99.9	1
KU	C1S	2082199	11/2017	11/02/2017	99.980	99.960	99.9	1

KU	C1S	2082200	11/2017	11/02/2017	100.010	99.940	99.9	1
KU	C1S	2082201	11/2017	11/02/2017	100.040	99.980	100.0	1
KU	C1S	2082202	11/2017	11/02/2017	99.980	99.960	99.9	1
KU	C1S	2082203	11/2017	11/02/2017	100.020	99.980	100.0	1
KU	C1S	2082204	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2082205	11/2017	11/02/2017	99.990	99.930	99.9	1
KU	C1S	2082206	11/2017	11/02/2017	100.000	99.930	99.9	1
KU	C1S	2082207	11/2017	11/02/2017	99.970	99.940	100.0	1
KU	C1S	2082208	11/2017	11/02/2017	100.030	99.960	100.0	1
KU	C1S	2082209	11/2017	11/02/2017	99.990	99.930	99.9	1
KU	C1S	2082210	11/2017	11/02/2017	100.010	99.920	99.9	1
KU	C1S	2082211	11/2017	11/02/2017	100.010	99.960	100.0	1
KU	C1S	2082212	11/2017	11/02/2017	99.980	99.960	99.9	1
KU	C1S	2082213	11/2017	11/02/2017	99.990	99.950	99.9	1
KU	C1S	2082214	11/2017	11/02/2017	100.000	99.920	99.9	1
KU	C1S	2082215	11/2017	11/02/2017	100.000	99.950	99.9	1
KU	C1S	2082216	11/2017	11/02/2017	99.990	99.930	99.9	1
KU	C1S	2082217	11/2017	11/02/2017	100.050	99.950	99.9	1
KU	C1S	2082218	11/2017	11/02/2017	99.980	99.930	99.9	1
KU	C1S	2082219	11/2017	11/02/2017	99.970	99.970	100.0	1
KU	C1S	2082220	11/2017	11/02/2017	100.000	100.000	100.0	1
KU	C1S	2082221	11/2017	11/02/2017	99.970	99.920	99.9	1
KU	C1S	2082222	11/2017	11/02/2017	99.990	99.890	99.9	1
KU	C1S	2082223	11/2017	11/02/2017	100.010	100.030	100.0	1
KU	C1S	2082224	11/2017	11/02/2017	100.000	99.940	99.9	1
KU	C1S	2082225	11/2017	11/02/2017	100.010	99.910	99.9	1
KU	C1S	2082226	11/2017	11/02/2017	99.960	100.030	100.0	1
KU	C1S	2082227	11/2017	11/02/2017	100.020	99.950	99.9	1
KU	C1S	2082228	11/2017	11/02/2017	99.990	99.910	99.9	1
KU	C1S	2082229	11/2017	11/02/2017	99.990	99.940	99.9	1
KU	C1S	2082230	11/2017	11/02/2017	100.040	99.960	99.9	1
KU	C1S	2082231	11/2017	11/02/2017	100.020	100.010	100.0	1
KU	C1S	2082232	11/2017	11/02/2017	99.990	99.970	99.9	1
KU	C1S	2082233	11/2017	11/02/2017	99.980	99.970	100.0	1
KU	C1S	2082234	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2082235	11/2017	11/02/2017	100.010	99.970	99.9	1
KU	C1S	2082236	11/2017	11/02/2017	100.000	99.920	99.9	1
KU	C1S	2082237	11/2017	11/02/2017	100.010	100.000	99.9	1
KU	C1S	2082238	11/2017	11/02/2017	99.950	99.910	99.9	1
KU	C1S	2082239	11/2017	11/02/2017	100.000	99.950	99.9	1
KU	C1S	2082240	11/2017	11/02/2017	100.020	99.960	99.9	1
KU	C1S	2082241	11/2017	11/02/2017	100.030	99.920	99.9	1

KU	C1S	2082242	11/2017	11/02/2017	100.000	100.020	100.0	1
KU	C1S	2082243	11/2017	11/02/2017	99.990	99.920	99.9	1
KU	C1S	2082244	11/2017	11/02/2017	99.980	99.970	100.0	1
KU	C1S	2082245	11/2017	11/02/2017	100.010	99.920	99.9	1
KU	C1S	2082246	11/2017	11/02/2017	100.000	99.910	99.9	1
KU	C1S	2082247	11/2017	11/02/2017	99.980	99.910	99.9	1
KU	C1S	2082248	11/2017	11/02/2017	100.000	99.920	99.9	1
KU	C1S	2082249	11/2017	11/02/2017	100.010	99.960	99.9	1
KU	C1S	2082250	11/2017	11/02/2017	99.990	99.940	99.9	1
KU	C1S	2082251	11/2017	11/02/2017	99.990	99.920	99.9	1
KU	C1S	2082252	11/2017	11/02/2017	99.990	99.860	99.9	1
KU	C1S	2082253	11/2017	11/02/2017	100.030	99.970	100.0	1
KU	C1S	2082254	11/2017	11/02/2017	99.990	99.950	100.0	1
KU	C1S	2082255	11/2017	11/02/2017	99.980	99.950	99.9	1
KU	C1S	2082256	11/2017	11/02/2017	99.990	99.970	99.9	1
KU	C1S	2082257	11/2017	11/02/2017	100.010	99.960	99.9	1
KU	C1S	2082258	11/2017	11/02/2017	99.980	99.940	99.9	1
KU	C1S	2082259	11/2017	11/02/2017	99.980	99.990	100.0	1
KU	C1S	2082260	11/2017	11/02/2017	100.020	99.990	100.0	1
KU	C1S	2082261	11/2017	11/02/2017	100.020	99.990	100.0	1
KU	C1S	2082262	11/2017	11/02/2017	99.980	99.950	99.9	1
KU	C1S	2082263	11/2017	11/02/2017	100.000	99.950	100.0	1
KU	C1S	2082264	11/2017	11/02/2017	99.970	99.940	99.9	1
KU	C1S	2082265	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2082266	11/2017	11/02/2017	100.010	99.940	100.0	1
KU	C1S	2082267	11/2017	11/02/2017	100.010	99.940	99.9	1
KU	C1S	2082268	11/2017	11/02/2017	100.010	99.960	100.0	1
KU	C1S	2082269	11/2017	11/02/2017	100.030	99.970	100.0	1
KU	C1S	2082270	11/2017	11/02/2017	99.980	99.910	99.9	1
KU	C1S	2082271	11/2017	11/02/2017	99.970	99.920	99.9	1
KU	C1S	2082272	11/2017	11/02/2017	99.970	99.870	99.9	1
KU	C1S	2082273	11/2017	11/02/2017	100.000	99.870	99.9	1
KU	C1S	2082274	11/2017	11/02/2017	99.980	99.940	99.9	1
KU	C1S	2082275	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2082276	11/2017	11/02/2017	99.970	99.930	99.9	1
KU	C1S	2082277	11/2017	11/02/2017	100.000	99.960	99.9	1
KU	C1S	2082278	11/2017	11/02/2017	99.980	99.940	99.9	1
KU	C1S	2082279	11/2017	11/02/2017	100.010	99.930	99.9	1
KU	C1S	2082280	11/2017	11/02/2017	100.030	99.940	99.9	1
KU	C1S	2082281	11/2017	11/02/2017	100.000	99.960	99.9	1
KU	C1S	2082282	11/2017	11/02/2017	99.980	99.950	99.9	1
KU	C1S	2082283	11/2017	11/02/2017	99.950	99.980	100.0	1

KU	C1S	2082284	11/2017	11/02/2017	99.990	99.970	99.9	1
KU	C1S	2082285	11/2017	11/02/2017	99.990	99.950	99.9	1
KU	C1S	2082286	11/2017	11/02/2017	100.030	99.970	100.0	1
KU	C1S	2082287	11/2017	11/02/2017	100.050	99.960	100.0	1
KU	C1S	2082288	11/2017	11/02/2017	99.980	99.930	99.9	1
KU	C1S	2082289	11/2017	11/02/2017	99.960	99.980	99.9	1
KU	C1S	2082290	11/2017	11/02/2017	100.020	99.940	99.9	1
KU	C1S	2082291	11/2017	11/02/2017	100.000	99.960	100.0	1
KU	C1S	2082292	11/2017	11/02/2017	100.000	99.970	99.9	1
KU	C1S	2082293	11/2017	11/02/2017	100.000	100.020	100.0	1
KU	C1S	2082294	11/2017	11/02/2017	100.010	100.010	100.0	1
KU	C1S	2082295	11/2017	11/02/2017	99.990	99.900	99.9	1
KU	C1S	2082296	11/2017	11/02/2017	100.000	100.000	100.0	1
KU	C1S	2082297	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2082298	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2082299	11/2017	11/02/2017	100.020	99.940	99.9	1
KU	C1S	2082300	11/2017	11/02/2017	100.010	99.940	99.9	1
KU	C1S	2082301	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2082302	11/2017	11/02/2017	100.020	99.960	99.9	1
KU	C1S	2082303	11/2017	11/02/2017	99.980	100.030	100.0	1
KU	C1S	2082304	11/2017	11/02/2017	100.010	100.010	100.0	1
KU	C1S	2082305	11/2017	11/02/2017	100.000	100.020	100.0	1
KU	C1S	2082306	11/2017	11/02/2017	100.000	99.950	100.0	1
KU	C1S	2082307	11/2017	11/02/2017	100.010	99.970	99.9	1
KU	C1S	2082308	11/2017	11/02/2017	99.990	100.030	100.0	1
KU	C1S	2082309	11/2017	11/02/2017	100.020	99.920	99.9	1
KU	C1S	2082310	11/2017	11/02/2017	99.970	99.870	99.9	1
KU	C1S	2082311	11/2017	11/02/2017	100.020	99.910	99.9	1
KU	C1S	2082312	11/2017	11/02/2017	100.020	99.950	99.9	1
KU	C1S	2082313	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2082314	11/2017	11/02/2017	100.010	99.940	99.9	1
KU	C1S	2082315	11/2017	11/02/2017	100.030	99.980	99.9	1
KU	C1S	2082316	11/2017	11/02/2017	99.990	99.910	99.9	1
KU	C1S	2082317	11/2017	11/02/2017	100.010	99.960	100.0	1
KU	C1S	2082318	11/2017	11/02/2017	100.000	99.940	100.0	1
KU	C1S	2082319	11/2017	11/02/2017	100.030	99.940	99.9	1
KU	C1S	2082320	11/2017	11/02/2017	99.990	99.940	99.9	1
KU	C1S	2082321	11/2017	11/02/2017	99.980	99.990	99.9	1
KU	C1S	2082322	11/2017	11/02/2017	99.980	99.920	99.9	1
KU	C1S	2082323	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2082324	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2082325	11/2017	11/02/2017	100.010	99.920	99.9	1

KU	C1S	2082326	11/2017	11/02/2017	99.970	99.960	99.9	1
KU	C1S	2082327	11/2017	11/02/2017	100.010	99.950	99.9	1
KU	C1S	2082328	11/2017	11/02/2017	99.980	99.950	99.9	1
KU	C1S	2082329	11/2017	11/02/2017	100.020	99.900	99.9	1
KU	C1S	2082330	11/2017	11/02/2017	99.980	99.990	100.0	1
KU	C1S	2082331	11/2017	11/02/2017	100.010	99.930	99.9	1
KU	C1S	2082332	11/2017	11/02/2017	99.970	99.960	99.9	1
KU	C1S	2082333	11/2017	11/02/2017	100.020	100.000	100.0	1
KU	C1S	2082334	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2082335	11/2017	11/02/2017	99.990	99.990	99.9	1
KU	C1S	2082336	11/2017	11/02/2017	100.020	100.000	100.0	1
KU	C1S	2082337	11/2017	11/02/2017	99.990	99.970	99.9	1
KU	C1S	2082338	11/2017	11/02/2017	100.020	99.930	99.9	1
KU	C1S	2082339	11/2017	11/02/2017	99.990	99.910	99.9	1
KU	C1S	2082340	11/2017	11/02/2017	100.020	100.020	100.0	1
KU	C1S	2082341	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2082342	11/2017	11/02/2017	99.990	100.040	100.0	1
KU	C1S	2082343	11/2017	11/02/2017	99.960	100.020	100.0	1
KU	C1S	2082344	11/2017	11/02/2017	100.010	99.970	99.9	1
KU	C1S	2082345	11/2017	11/02/2017	100.010	99.970	99.9	1
KU	C1S	2082346	11/2017	11/02/2017	100.030	99.960	100.0	1
KU	C1S	2082347	11/2017	11/02/2017	100.010	99.970	99.9	1
KU	C1S	2082348	11/2017	11/02/2017	99.990	99.930	99.9	1
KU	C1S	2082349	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2082350	11/2017	11/02/2017	100.030	99.950	99.9	1
KU	C1S	2082351	11/2017	11/02/2017	99.980	100.020	100.0	1
KU	C1S	2082352	11/2017	11/02/2017	99.990	99.940	99.9	1
KU	C1S	2082353	11/2017	11/02/2017	99.980	99.990	99.9	1
KU	C1S	2082354	11/2017	11/02/2017	100.040	99.930	100.0	1
KU	C1S	2082355	11/2017	11/02/2017	99.970	99.920	99.9	1
KU	C1S	2082356	11/2017	11/02/2017	99.990	99.950	99.9	1
KU	C1S	2082357	11/2017	11/02/2017	99.990	99.990	99.9	1
KU	C1S	2082358	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2082359	11/2017	11/02/2017	100.000	99.930	99.9	1
KU	C1S	2082360	11/2017	11/02/2017	100.010	99.940	99.9	1
KU	C1S	2082361	11/2017	11/02/2017	100.010	99.960	99.9	1
KU	C1S	2082362	11/2017	11/02/2017	100.030	99.940	99.9	1
KU	C1S	2082363	11/2017	11/02/2017	99.990	99.960	99.9	1
KU	C1S	2082364	11/2017	11/02/2017	99.960	99.930	99.9	1
KU	C1S	2082365	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2082366	11/2017	11/02/2017	99.970	99.900	99.9	1
KU	C1S	2082367	11/2017	11/02/2017	100.000	100.000	100.0	1



KU	C1S	2082368	11/2017	11/02/2017	99.980	99.970	100.0	1
KU	C1S	2082369	11/2017	11/02/2017	100.020	99.970	99.9	1
KU	C1S	2082370	11/2017	11/02/2017	100.030	100.000	100.1	1
KU	C1S	2082371	11/2017	11/02/2017	100.010	99.950	100.0	1
KU	C1S	2082372	11/2017	11/02/2017	99.980	100.000	100.0	1
KU	C1S	2082373	11/2017	11/02/2017	100.020	99.960	99.9	1
KU	C1S	2082374	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2082375	11/2017	11/02/2017	99.990	99.960	99.9	1
KU	C1S	2082376	11/2017	11/02/2017	100.020	99.960	99.9	1
KU	C1S	2082377	11/2017	11/02/2017	99.990	99.960	99.9	1
KU	C1S	2082378	11/2017	11/02/2017	99.990	99.930	99.9	1
KU	C1S	2082379	11/2017	11/02/2017	100.010	99.930	99.9	1
KU	C1S	2082380	11/2017	11/02/2017	100.000	99.940	99.9	1
KU	C1S	2082381	11/2017	11/02/2017	100.000	99.900	99.9	1
KU	C1S	2082382	11/2017	11/02/2017	99.960	100.010	100.0	1
KU	C1S	2082383	11/2017	11/02/2017	100.000	99.980	99.9	1
KU	C1S	2082384	11/2017	11/02/2017	99.990	99.960	99.9	1
KU	C1S	2082385	11/2017	11/02/2017	99.990	100.000	100.0	1
KU	C1S	2082386	11/2017	11/02/2017	99.960	99.910	99.9	1
KU	C1S	2082387	11/2017	11/02/2017	99.990	99.920	99.9	1
KU	C1S	2082388	11/2017	11/02/2017	100.000	99.960	99.9	1
KU	C1S	2082389	11/2017	11/02/2017	100.010	99.990	99.9	1
KU	C1S	2082390	11/2017	11/02/2017	99.990	100.010	100.0	1
KU	C1S	2082391	11/2017	11/02/2017	100.000	99.930	99.9	1
KU	C1S	2082392	11/2017	11/02/2017	100.000	100.020	100.0	1
KU	C1S	2082393	11/2017	11/02/2017	99.990	100.000	100.0	1
KU	C1S	2082394	11/2017	11/02/2017	100.030	99.940	99.9	1
KU	C1S	2082395	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2082396	11/2017	11/02/2017	100.000	99.960	99.9	1
KU	C1S	2082397	11/2017	11/02/2017	100.000	99.950	99.9	1
KU	C1S	2082398	11/2017	11/02/2017	99.980	99.970	99.9	1
KU	C1S	2082399	11/2017	11/02/2017	100.010	99.940	100.0	1
KU	C1S	2082400	11/2017	11/02/2017	99.960	100.040	100.0	1
KU	C1S	2082401	11/2017	11/02/2017	100.000	99.990	99.9	1
KU	C1S	2082402	11/2017	11/02/2017	99.980	99.960	99.9	1
KU	C1S	2082403	11/2017	11/02/2017	99.980	100.020	100.0	1
KU	C1S	2082404	11/2017	11/02/2017	100.040	100.010	100.0	1
KU	C1S	2082405	11/2017	11/02/2017	99.980	99.960	99.9	1
KU	C1S	2082406	11/2017	11/02/2017	100.000	100.010	100.1	1
KU	C1S	2082407	11/2017	11/02/2017	99.970	99.990	100.0	1
KU	C1S	2082408	11/2017	11/02/2017	100.000	99.950	99.9	1
KU	C1S	2082409	11/2017	11/02/2017	99.980	99.970	100.0	1

KU	C1S	2082410	11/2017	11/02/2017	100.020	99.970	99.9	1
KU	C1S	2082411	11/2017	11/02/2017	99.960	99.960	99.9	1
KU	C1S	2082412	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2082413	11/2017	11/02/2017	99.970	100.020	100.0	1
KU	C1S	2082414	11/2017	11/02/2017	100.040	99.980	100.0	1
KU	C1S	2082415	11/2017	11/02/2017	100.030	99.980	100.0	1
KU	C1S	2082416	11/2017	11/02/2017	100.020	99.970	100.0	1
KU	C1S	2082417	11/2017	11/02/2017	100.000	100.000	99.9	1
KU	C1S	2082418	11/2017	11/02/2017	100.020	99.970	99.9	1
KU	C1S	2082419	11/2017	11/02/2017	100.010	99.960	99.9	1
KU	C1S	2082420	11/2017	11/02/2017	99.990	100.010	100.0	1
KU	C1S	2082421	11/2017	11/02/2017	100.000	99.940	99.9	1
KU	C1S	2082422	11/2017	11/02/2017	99.970	99.950	99.9	1
KU	C1S	2082423	11/2017	11/02/2017	100.000	99.960	99.9	1
KU	C1S	2082424	11/2017	11/02/2017	99.980	99.950	99.9	1
KU	C1S	2082425	11/2017	11/02/2017	100.000	100.000	100.0	1
KU	C1S	2082426	11/2017	11/02/2017	100.030	99.940	99.9	1
KU	C1S	2082427	11/2017	11/02/2017	99.990	99.940	99.9	1
KU	C1S	2082428	11/2017	11/02/2017	99.990	100.020	100.0	1
KU	C1S	2082429	11/2017	11/02/2017	100.000	99.950	99.9	1
KU	C1S	2082430	11/2017	11/02/2017	99.980	100.000	99.9	1
KU	C1S	2082431	11/2017	11/02/2017	100.010	99.930	99.9	1
KU	C1S	2082432	11/2017	11/02/2017	100.020	99.950	99.9	1
KU	C1S	2082433	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2082434	11/2017	11/02/2017	99.980	99.930	99.9	1
KU	C1S	2082435	11/2017	11/02/2017	99.990	100.020	100.0	1
KU	C1S	2082436	11/2017	11/02/2017	100.000	100.040	100.0	1
KU	C1S	2082437	11/2017	11/02/2017	100.000	100.000	99.9	1
KU	C1S	2082438	11/2017	11/02/2017	99.990	100.030	100.0	1
KU	C1S	2082439	11/2017	11/02/2017	100.000	99.970	99.9	1
KU	C1S	2082440	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2082441	11/2017	11/02/2017	100.030	99.940	99.9	1
KU	C1S	2082442	11/2017	11/02/2017	99.960	99.950	100.0	1
KU	C1S	2082443	11/2017	11/02/2017	100.000	100.000	100.0	1
KU	C1S	2082444	11/2017	11/02/2017	99.990	100.010	100.0	1
KU	C1S	2082445	11/2017	11/02/2017	100.010	99.970	99.9	1
KU	C1S	2082446	11/2017	11/02/2017	100.020	100.010	100.0	1
KU	C1S	2082447	11/2017	11/02/2017	99.980	99.970	100.0	1
KU	C1S	2082448	11/2017	11/02/2017	100.020	100.010	100.0	1
KU	C1S	2082449	11/2017	11/02/2017	99.990	99.950	99.9	1
KU	C1S	2082450	11/2017	11/02/2017	100.000	99.970	99.9	1
KU	C1S	2082451	11/2017	11/02/2017	100.020	99.930	99.9	1

KU	C1S	2082452	11/2017	11/02/2017	99.990	99.980	99.9	1
KU	C1S	2082453	11/2017	11/02/2017	100.000	100.010	100.0	1
KU	C1S	2082454	11/2017	11/02/2017	99.970	100.000	100.0	1
KU	C1S	2082455	11/2017	11/02/2017	100.000	99.940	99.9	1
KU	C1S	2082456	11/2017	11/02/2017	99.950	99.950	99.9	1
KU	C1S	2082457	11/2017	11/02/2017	100.040	99.990	99.9	1
KU	C1S	2082458	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2082459	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2082460	11/2017	11/02/2017	99.970	99.970	100.0	1
KU	C1S	2082461	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2082462	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2082463	11/2017	11/02/2017	100.000	99.990	99.9	1
KU	C1S	2082464	11/2017	11/02/2017	99.980	99.970	100.0	1
KU	C1S	2082465	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2082466	11/2017	11/02/2017	99.980	100.000	100.0	1
KU	C1S	2082467	11/2017	11/02/2017	100.010	100.020	100.0	1
KU	C1S	2082468	11/2017	11/02/2017	100.010	100.030	100.0	1
KU	C1S	2082469	11/2017	11/02/2017	100.000	99.940	100.0	1
KU	C1S	2082470	11/2017	11/02/2017	100.020	99.960	100.0	1
KU	C1S	2082471	11/2017	11/02/2017	99.990	100.020	100.0	1
KU	C1S	2082472	11/2017	11/02/2017	99.980	99.950	99.9	1
KU	C1S	2082473	11/2017	11/02/2017	100.040	99.980	100.0	1
KU	C1S	2082474	11/2017	11/02/2017	99.980	100.020	100.0	1
KU	C1S	2082475	11/2017	11/02/2017	100.020	100.010	100.0	1
KU	C1S	2082476	11/2017	11/02/2017	99.970	100.020	100.0	1
KU	C1S	2082477	11/2017	11/02/2017	100.030	99.970	99.9	1
KU	C1S	2082478	11/2017	11/02/2017	99.990	99.930	99.9	1
KU	C1S	2082479	11/2017	11/02/2017	99.990	100.000	100.0	1
KU	C1S	2082480	11/2017	11/02/2017	99.990	99.940	100.0	1
KU	C1S	2082481	11/2017	11/02/2017	100.000	99.970	99.9	1
KU	C1S	2082482	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2082483	11/2017	11/02/2017	99.990	99.940	99.9	1
KU	C1S	2082484	11/2017	11/02/2017	100.030	99.980	100.0	1
KU	C1S	2082485	11/2017	11/02/2017	99.990	99.930	99.9	1
KU	C1S	2082486	11/2017	11/02/2017	99.990	99.960	99.9	1
KU	C1S	2082487	11/2017	11/02/2017	100.000	99.980	99.9	1
KU	C1S	2082488	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2082489	11/2017	11/02/2017	100.020	99.970	99.9	1
KU	C1S	2082490	11/2017	11/02/2017	99.980	99.960	99.9	1
KU	C1S	2082491	11/2017	11/02/2017	99.960	99.960	99.9	1
KU	C1S	2082492	11/2017	11/02/2017	100.040	99.960	99.9	1
KU	C1S	2082493	11/2017	11/02/2017	99.980	99.920	99.9	1

KU	C1S	2082494	11/2017	11/02/2017	100.000	100.010	100.0	1
KU	C1S	2082495	11/2017	11/02/2017	100.030	100.020	100.0	1
KU	C1S	2082496	11/2017	11/02/2017	100.000	100.000	100.0	1
KU	C1S	2082497	11/2017	11/02/2017	99.980	99.980	99.9	1
KU	C1S	2082498	11/2017	11/02/2017	99.970	99.980	100.0	1
KU	C1S	2082499	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2082500	11/2017	11/02/2017	100.020	99.980	100.0	1
KU	C1S	2082501	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2082502	11/2017	11/02/2017	99.990	99.960	100.0	1
KU	C1S	2082503	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2082504	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2082505	11/2017	11/02/2017	99.980	100.000	100.0	1
KU	C1S	2082506	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2082507	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2082508	11/2017	11/02/2017	100.000	99.960	100.0	1
KU	C1S	2082509	11/2017	11/02/2017	99.990	99.950	99.9	1
KU	C1S	2082510	11/2017	11/02/2017	100.010	99.980	99.9	1
KU	C1S	2082511	11/2017	11/02/2017	100.010	100.000	100.0	1
KU	C1S	2082512	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2082513	11/2017	11/02/2017	100.010	99.950	99.9	1
KU	C1S	2082514	11/2017	11/02/2017	99.980	99.980	100.0	1
KU	C1S	2082515	11/2017	11/02/2017	99.990	100.010	100.0	1
KU	C1S	2082516	11/2017	11/02/2017	100.020	99.940	99.9	1
KU	C1S	2082517	11/2017	11/02/2017	100.030	99.980	100.0	1
KU	C1S	2082518	11/2017	11/02/2017	100.000	100.000	100.0	1
KU	C1S	2082519	11/2017	11/02/2017	99.980	99.990	100.0	1
KU	C1S	2082520	11/2017	11/02/2017	99.990	99.980	99.9	1
KU	C1S	2082521	11/2017	11/02/2017	100.000	99.940	99.9	1
KU	C1S	2082522	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2082523	11/2017	11/02/2017	100.020	99.990	100.0	1
KU	C1S	2082524	11/2017	11/02/2017	99.990	100.010	100.0	1
KU	C1S	2082525	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2082526	11/2017	11/02/2017	100.060	99.920	99.9	1
KU	C1S	2082527	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2082528	11/2017	11/02/2017	100.010	99.950	99.9	1
KU	C1S	2082529	11/2017	11/02/2017	100.010	99.990	99.9	1
KU	C1S	2082530	11/2017	11/02/2017	99.960	99.980	100.0	1
KU	C1S	2082531	11/2017	11/02/2017	99.980	99.950	99.9	1
KU	C1S	2082532	11/2017	11/02/2017	100.030	99.980	100.0	1
KU	C1S	2082533	11/2017	11/02/2017	100.030	99.980	100.0	1
KU	C1S	2082534	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2082535	11/2017	11/02/2017	100.000	99.960	99.9	1

KU	C1S	2082536	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2082537	11/2017	11/02/2017	100.000	100.000	100.0	1
KU	C1S	2082538	11/2017	11/02/2017	99.960	99.960	100.0	1
KU	C1S	2082539	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2082540	11/2017	11/02/2017	100.000	99.980	99.9	1
KU	C1S	2082541	11/2017	11/02/2017	100.010	99.980	100.0	1
KU	C1S	2082542	11/2017	11/02/2017	99.980	99.980	100.0	1
KU	C1S	2082543	11/2017	11/02/2017	100.010	99.970	100.0	1
KU	C1S	2082544	11/2017	11/02/2017	100.020	99.990	100.0	1
KU	C1S	2082545	11/2017	11/02/2017	99.980	99.940	99.9	1
KU	C1S	2082546	11/2017	11/02/2017	100.020	100.010	100.0	1
KU	C1S	2082547	11/2017	11/02/2017	99.990	99.960	100.0	1
KU	C1S	2082548	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2082549	11/2017	11/02/2017	100.000	99.980	99.9	1
KU	C1S	2082550	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2082551	11/2017	11/02/2017	100.020	99.990	100.0	1
KU	C1S	2082552	11/2017	11/02/2017	100.010	99.910	99.9	1
KU	C1S	2082553	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2082554	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2082555	11/2017	11/02/2017	100.000	99.970	100.0	1
KU	C1S	2082556	11/2017	11/02/2017	100.010	99.940	99.9	1
KU	C1S	2082557	11/2017	11/02/2017	100.020	99.980	99.9	1
KU	C1S	2082558	11/2017	11/02/2017	100.010	99.960	100.0	1
KU	C1S	2082559	11/2017	11/02/2017	100.010	99.980	99.9	1
KU	C1S	2082560	11/2017	11/02/2017	100.020	99.910	99.9	1
KU	C1S	2082561	11/2017	11/02/2017	99.970	99.980	100.0	1
KU	C1S	2082562	11/2017	11/02/2017	99.980	100.000	99.9	1
KU	C1S	2082563	11/2017	11/02/2017	100.020	99.980	100.0	1
KU	C1S	2082564	11/2017	11/02/2017	99.970	99.980	99.9	1
KU	C1S	2082565	11/2017	11/02/2017	100.010	99.990	100.0	1
KU	C1S	2082566	11/2017	11/02/2017	100.010	99.950	99.9	1
KU	C1S	2082567	11/2017	11/02/2017	100.020	100.000	100.0	1
KU	C1S	2082568	11/2017	11/02/2017	99.980	99.990	100.0	1
KU	C1S	2082569	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2082570	11/2017	11/02/2017	99.980	100.000	100.0	1
KU	C1S	2082571	11/2017	11/02/2017	99.970	99.960	99.9	1
KU	C1S	2082572	11/2017	11/02/2017	100.020	100.000	100.0	1
KU	C1S	2082573	11/2017	11/02/2017	100.010	100.010	100.0	1
KU	C1S	2082574	11/2017	11/02/2017	100.010	99.970	99.9	1
KU	C1S	2082575	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2082576	11/2017	11/02/2017	100.020	100.000	99.9	1
KU	C1S	2082577	11/2017	11/02/2017	99.990	100.000	100.0	1

KU	C1S	2082578	11/2017	11/02/2017	100.030	99.950	99.9	1
KU	C1S	2082579	11/2017	11/02/2017	100.040	99.950	99.9	1
KU	C1S	2082580	11/2017	11/02/2017	100.000	99.970	99.9	1
KU	C1S	2082581	11/2017	11/02/2017	100.010	99.940	100.0	1
KU	C1S	2082582	11/2017	11/02/2017	100.000	99.890	99.9	1
KU	C1S	2082583	11/2017	11/02/2017	99.980	99.970	99.9	1
KU	C1S	2082584	11/2017	11/02/2017	99.980	100.020	100.0	1
KU	C1S	2082585	11/2017	11/02/2017	99.970	99.990	100.0	1
KU	C1S	2082586	11/2017	11/02/2017	100.000	99.970	99.9	1
KU	C1S	2082587	11/2017	11/02/2017	99.990	99.970	99.9	1
KU	C1S	2082588	11/2017	11/02/2017	99.960	99.980	99.9	1
KU	C1S	2082589	11/2017	11/02/2017	100.000	99.960	100.0	1
KU	C1S	2082590	11/2017	11/02/2017	100.020	99.990	99.9	1
KU	C1S	2082591	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2082592	11/2017	11/02/2017	100.030	100.010	99.9	1
KU	C1S	2082593	11/2017	11/02/2017	100.020	99.960	99.9	1
KU	C1S	2082594	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2082595	11/2017	11/02/2017	100.040	99.940	100.0	1
KU	C1S	2082596	11/2017	11/02/2017	100.000	99.990	100.0	1
KU	C1S	2082597	11/2017	11/02/2017	100.020	99.940	99.9	1
KU	C1S	2082598	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2082599	11/2017	11/02/2017	99.990	99.980	100.0	1
KU	C1S	2082600	11/2017	11/02/2017	100.020	99.970	99.9	1
KU	C1S	2082601	11/2017	11/02/2017	100.010	99.960	100.0	1
KU	C1S	2082602	11/2017	11/02/2017	99.990	99.960	99.9	1
KU	C1S	2082603	11/2017	11/02/2017	100.000	99.940	99.9	1
KU	C1S	2082604	11/2017	11/02/2017	100.010	99.970	99.9	1
KU	C1S	2082605	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2082606	11/2017	11/02/2017	100.000	99.960	100.0	1
KU	C1S	2082607	11/2017	11/02/2017	100.010	100.010	100.0	1
KU	C1S	2082608	11/2017	11/02/2017	99.990	99.960	99.9	1
KU	C1S	2082609	11/2017	11/02/2017	100.030	100.000	100.0	1
KU	C1S	2082610	11/2017	11/02/2017	99.990	100.000	100.0	1
KU	C1S	2082611	11/2017	11/02/2017	99.990	99.990	100.0	1
KU	C1S	2082612	11/2017	11/02/2017	99.970	99.970	99.9	1
KU	C1S	2082613	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2082614	11/2017	11/02/2017	99.970	99.910	99.9	1
KU	C1S	2082615	11/2017	11/02/2017	100.000	99.960	99.9	1
KU	C1S	2082616	11/2017	11/02/2017	100.010	99.960	100.0	1
KU	C1S	2082617	11/2017	11/02/2017	100.020	99.920	99.9	1
KU	C1S	2082618	11/2017	11/02/2017	100.000	99.980	99.9	1
KU	C1S	2082619	11/2017	11/02/2017	99.990	99.940	99.9	1

KU	C1S	2082620	11/2017	11/02/2017	99.980	99.930	99.9	1
KU	C1S	2082621	11/2017	11/02/2017	100.050	99.940	99.9	1
KU	C1S	2082622	11/2017	11/02/2017	99.980	99.970	100.0	1
KU	C1S	2082623	11/2017	11/02/2017	100.020	99.990	100.0	1
KU	C1S	2082624	11/2017	11/02/2017	100.030	99.940	99.9	1
KU	C1S	2082625	11/2017	11/02/2017	99.990	99.970	99.9	1
KU	C1S	2082626	11/2017	11/02/2017	99.980	100.010	100.0	1
KU	C1S	2082627	11/2017	11/02/2017	100.010	99.960	99.9	1
KU	C1S	2082628	11/2017	11/02/2017	100.000	99.920	99.9	1
KU	C1S	2082629	11/2017	11/02/2017	99.990	99.940	99.9	1
KU	C1S	2082630	11/2017	11/02/2017	100.000	99.980	100.0	1
KU	C1S	2082631	11/2017	11/02/2017	99.980	99.910	99.9	1
KU	C1S	2082632	11/2017	11/02/2017	99.980	99.940	100.0	1
KU	C1S	2082633	11/2017	11/02/2017	100.000	99.950	99.9	1
KU	C1S	2082634	11/2017	11/02/2017	100.020	99.940	99.9	1
KU	C1S	2082635	11/2017	11/02/2017	100.000	99.930	99.9	1
KU	C1S	2082636	11/2017	11/02/2017	100.010	99.980	99.9	1
KU	C1S	2082637	11/2017	11/02/2017	99.980	99.940	100.0	1
KU	C1S	2082638	11/2017	11/02/2017	100.010	100.010	100.0	1
KU	C1S	2082639	11/2017	11/02/2017	100.000	99.910	100.0	1
KU	C1S	2082640	11/2017	11/02/2017	100.030	99.950	99.9	1
KU	C1S	2082641	11/2017	11/02/2017	100.020	99.980	100.0	1
KU	C1S	2082642	11/2017	11/02/2017	100.050	99.960	100.0	1
KU	C1S	2082643	11/2017	11/02/2017	99.990	99.970	100.0	1
KU	C1S	2082644	11/2017	11/02/2017	99.990	99.940	99.9	1
KU	C1S	2082645	11/2017	11/02/2017	100.030	99.930	99.9	1
KU	C1S	2082646	11/2017	11/02/2017	100.020	99.920	99.9	1
KU	C1S	2082647	11/2017	11/02/2017	100.040	99.970	99.9	1
KU	C1S	2082648	11/2017	11/02/2017	99.990	99.940	99.9	1
KU	C1S	2082649	11/2017	11/02/2017	100.010	99.980	99.9	1
KU	C1S	2082650	11/2017	11/02/2017	100.020	99.920	99.9	1
KU	C1S	2082651	11/2017	11/02/2017	100.040	100.000	100.0	1
KU	C1SR	2511223	10/2017	10/28/2017	99.990	100.010	100.0	1
KU	C1SR	2511224	10/2017	10/28/2017	100.000	100.020	100.0	1
KU	C1SR	2511225	10/2017	10/28/2017	99.990	100.040	100.1	1
KU	C1SR	2511226	10/2017	10/28/2017	100.020	100.040	100.0	1
KU	C1SR	2511227	10/2017	10/28/2017	99.990	99.990	100.0	1
KU	C1SR	2511228	10/2017	10/28/2017	100.040	99.990	100.0	1
KU	C1SR	2511229	10/2017	10/28/2017	99.990	100.040	100.0	1
KU	C1SR	2511230	10/2017	10/28/2017	99.980	99.960	100.0	1
KU	C1SR	2511231	10/2017	10/28/2017	99.980	99.980	100.0	1
KU	C1SR	2511232	10/2017	10/28/2017	99.970	100.030	100.0	1

KU	C1SR	2511233	10/2017	10/28/2017	100.000	100.000	100.0	1
KU	C1SR	2511234	10/2017	10/28/2017	99.960	100.040	100.0	1
KU	C1SR	2511235	10/2017	10/28/2017	100.000	99.990	100.0	1
KU	C1SR	2511236	10/2017	10/28/2017	100.010	100.050	100.0	1
KU	C1SR	2511237	10/2017	10/28/2017	100.010	100.000	100.0	1
KU	C1SR	2511238	10/2017	10/28/2017	99.980	100.050	100.0	1
KU	C1SR	2511239	10/2017	10/28/2017	99.980	100.030	100.0	1
KU	C1SR	2511240	10/2017	10/28/2017	99.980	99.940	100.0	1
KU	C1SR	2511241	10/2017	10/28/2017	100.010	99.980	100.0	1
KU	C1SR	2511242	10/2017	10/28/2017	100.040	100.020	100.0	1
KU	C1SR	2511243	10/2017	10/28/2017	99.980	100.010	100.0	1
KU	C1SR	2511244	10/2017	10/28/2017	99.990	99.980	100.0	1
KU	C1SR	2511245	10/2017	10/28/2017	99.940	99.980	100.0	1
KU	C1SR	2511246	10/2017	10/28/2017	99.970	100.000	100.0	1
KU	C1SR	2511247	10/2017	10/28/2017	100.000	99.990	100.0	1
KU	C1SR	2511248	10/2017	10/28/2017	100.000	99.960	100.0	1
KU	C1SR	2511249	10/2017	10/28/2017	100.010	100.000	100.0	1
KU	C1SR	2511250	10/2017	10/28/2017	100.000	99.970	99.9	1
KU	C1SR	2511251	10/2017	10/28/2017	99.990	99.970	100.0	1
KU	C1SR	2511252	10/2017	10/28/2017	100.020	99.980	100.0	1
KU	C1SR	2511253	10/2017	10/28/2017	99.970	100.030	100.0	1
KU	C1SR	2511254	10/2017	10/28/2017	100.010	99.980	100.0	1
KU	C1SR	2511255	10/2017	10/28/2017	99.970	100.010	100.0	1
KU	C1SR	2511256	10/2017	10/28/2017	100.010	100.020	100.0	1
KU	C1SR	2511257	10/2017	10/28/2017	99.980	99.990	100.0	1
KU	C1SR	2511258	10/2017	10/28/2017	100.010	99.980	100.0	1
KU	C1SR	2511259	10/2017	10/28/2017	99.980	100.040	100.0	1
KU	C1SR	2511260	10/2017	10/28/2017	99.990	100.010	100.0	1
KU	C1SR	2511261	10/2017	10/28/2017	99.990	99.990	100.0	1
KU	C1SR	2511262	10/2017	10/28/2017	99.990	100.010	100.0	1
KU	C1SR	2511263	10/2017	10/28/2017	99.960	100.040	100.0	1
KU	C1SR	2511264	10/2017	10/28/2017	99.980	100.030	100.0	1
KU	C1SR	2511265	10/2017	10/28/2017	100.000	99.970	100.0	1
KU	C1SR	2511266	10/2017	10/28/2017	99.980	99.970	100.0	1
KU	C1SR	2511267	10/2017	10/28/2017	100.030	100.030	100.0	1
KU	C1SR	2511268	10/2017	10/28/2017	100.040	100.030	100.0	1
KU	C1SR	2511269	10/2017	10/28/2017	99.990	99.980	100.0	1
KU	C1SR	2511270	10/2017	10/28/2017	100.000	100.030	100.0	1
KU	C1SR	2511271	10/2017	10/28/2017	99.980	100.010	100.0	1
KU	C1SR	2511272	10/2017	10/28/2017	99.970	99.980	100.0	1
KU	C1SR	2511273	10/2017	10/28/2017	99.990	99.950	100.0	1
KU	C1SR	2511274	10/2017	10/28/2017	100.040	100.030	100.0	1



KU	C1SR	2511275	10/2017	10/28/2017	100.000	100.040	100.0	1
KU	C1SR	2511276	10/2017	10/28/2017	99.980	100.000	100.0	1
KU	C1SR	2511277	10/2017	10/28/2017	99.990	100.020	100.0	1
KU	C1SR	2511278	10/2017	10/28/2017	100.010	100.040	100.0	1
KU	C1SR	2511279	10/2017	10/28/2017	99.990	100.010	100.0	1
KU	C1SR	2511280	10/2017	10/28/2017	99.980	100.000	100.0	1
KU	C1SR	2511281	10/2017	10/28/2017	99.970	100.030	100.0	1
KU	C1SR	2511282	10/2017	10/28/2017	99.990	100.000	100.0	1
KU	C1SR	2511283	10/2017	10/28/2017	100.000	100.030	100.0	1
KU	C1SR	2511284	10/2017	10/28/2017	100.000	99.990	100.0	1
KU	C1SR	2511285	10/2017	10/28/2017	100.030	100.030	100.0	1
KU	C1SR	2511286	10/2017	10/28/2017	100.000	100.040	100.0	1
KU	C1SR	2511287	10/2017	10/28/2017	100.010	99.980	100.0	1
KU	C1SR	2511288	10/2017	10/28/2017	100.010	100.030	100.0	1
KU	C1SR	2511289	10/2017	10/28/2017	99.990	100.020	100.0	1
KU	C1SR	2511290	10/2017	10/28/2017	99.950	100.030	100.0	1
KU	C1SR	2511291	10/2017	10/28/2017	99.990	100.010	100.0	1
KU	C1SR	2511292	10/2017	10/28/2017	100.010	100.020	100.0	1
KU	C1SR	2511293	10/2017	10/28/2017	100.020	99.940	99.9	1
KU	C1SR	2511294	10/2017	10/28/2017	99.970	100.020	100.0	1
KU	C1SR	2511295	10/2017	10/28/2017	100.000	100.030	100.0	1
KU	C1SR	2511296	10/2017	10/28/2017	100.010	100.020	100.0	1
KU	C1SR	2511297	10/2017	10/28/2017	99.970	99.980	100.0	1
KU	C1SR	2511298	10/2017	10/28/2017	100.020	99.980	100.0	1
KU	C1SR	2511299	10/2017	10/28/2017	100.030	99.980	99.9	1
KU	C1SR	2511300	10/2017	10/28/2017	100.010	99.980	100.0	1
KU	C1SR	2511301	10/2017	10/28/2017	99.990	99.990	100.0	1
KU	C1SR	2511302	10/2017	10/28/2017	100.010	100.000	100.0	1
KU	C1SR	2511303	10/2017	10/28/2017	99.970	99.980	100.0	1
KU	C1SR	2511304	10/2017	10/28/2017	100.020	100.030	100.0	1
KU	C1SR	2511305	10/2017	10/28/2017	100.040	99.990	100.0	1
KU	C1SR	2511306	10/2017	10/28/2017	99.970	100.010	100.0	1
KU	C1SR	2511307	10/2017	10/28/2017	100.020	100.030	100.0	1
KU	C1SR	2511308	10/2017	10/28/2017	100.020	100.020	100.0	1
KU	C1SR	2511309	10/2017	10/28/2017	100.000	100.000	100.0	1
KU	C1SR	2511310	10/2017	10/28/2017	100.010	100.010	100.0	1
KU	C1SR	2511311	10/2017	10/28/2017	99.990	99.980	100.0	1
KU	C1SR	2511312	10/2017	10/28/2017	100.000	100.040	100.0	1
KU	C1SR	2511313	10/2017	10/28/2017	100.030	100.040	100.0	1
KU	C1SR	2511314	10/2017	10/28/2017	99.970	100.010	100.0	1
KU	C1SR	2511315	10/2017	10/28/2017	99.970	100.060	100.1	1
KU	C1SR	2511316	10/2017	10/28/2017	99.970	100.000	100.0	1

KU	C1SR	2511317	10/2017	10/28/2017	99.990	100.020	100.0	1
KU	C1SR	2511318	10/2017	10/28/2017	99.990	100.040	100.0	1
KU	C1SR	2511319	10/2017	10/28/2017	100.030	99.960	100.0	1
KU	C1SR	2511320	10/2017	10/28/2017	100.000	100.000	100.0	1
KU	C1SR	2511321	10/2017	10/28/2017	100.060	100.000	100.0	1
KU	C1SR	2511322	10/2017	10/28/2017	99.990	100.050	100.0	1
KU	C1SR	2511323	10/2017	10/28/2017	100.010	99.970	100.0	1
KU	C1SR	2511324	10/2017	10/28/2017	99.990	100.000	100.0	1
KU	C1SR	2511325	10/2017	10/28/2017	100.010	100.020	100.0	1
KU	C1SR	2511326	10/2017	10/28/2017	100.010	100.020	100.0	1
KU	C1SR	2511327	10/2017	10/28/2017	100.010	100.010	100.0	1
KU	C1SR	2511328	10/2017	10/28/2017	100.000	99.980	99.9	1
KU	C1SR	2511329	10/2017	10/28/2017	99.990	100.040	100.0	1
KU	C1SR	2511330	10/2017	10/28/2017	100.000	100.010	100.0	1
KU	C1SR	2511331	10/2017	10/28/2017	100.010	100.040	100.0	1
KU	C1SR	2511332	10/2017	10/28/2017	100.020	100.030	100.0	1
KU	C1SR	2511333	10/2017	10/28/2017	99.970	100.020	100.0	1
KU	C1SR	2511334	10/2017	10/28/2017	99.990	100.020	100.0	1
KU	C1SR	2511335	10/2017	10/28/2017	99.970	100.020	100.0	1
KU	C1SR	2511336	10/2017	10/28/2017	99.990	100.060	100.0	1
KU	C1SR	2511337	10/2017	10/28/2017	100.020	100.060	100.0	1
KU	C1SR	2511338	10/2017	10/28/2017	99.980	100.030	100.0	1
KU	C1SR	2511339	10/2017	10/28/2017	99.980	100.000	99.9	1
KU	C1SR	2511340	10/2017	10/28/2017	100.000	100.020	100.0	1
KU	C1SR	2511341	10/2017	10/28/2017	100.000	100.020	100.0	1
KU	C1SR	2511342	10/2017	10/28/2017	100.000	100.050	100.0	1
KU	C1SR	2511343	10/2017	10/28/2017	99.980	99.990	100.0	1
KU	C1SR	2511344	10/2017	10/28/2017	100.000	99.990	100.0	1
KU	C1SR	2511345	10/2017	10/28/2017	100.010	100.030	100.0	1
KU	C1SR	2511346	10/2017	10/28/2017	100.020	99.970	100.0	1
KU	C1SR	2511347	10/2017	10/28/2017	99.980	100.050	100.0	1
KU	C1SR	2511348	10/2017	10/28/2017	99.990	100.050	100.0	1
KU	C1SR	2511349	10/2017	10/28/2017	99.990	100.020	100.0	1
KU	C1SR	2511350	10/2017	10/28/2017	100.020	100.060	100.0	1
KU	C1SR	2511351	10/2017	10/28/2017	100.000	100.060	100.0	1
KU	C1SR	2511352	10/2017	10/28/2017	100.020	100.050	100.0	1
KU	C1SR	2511353	10/2017	10/28/2017	99.990	100.000	100.0	1
KU	C1SR	2511354	10/2017	10/28/2017	100.010	99.970	100.0	1
KU	C1SR	2511355	10/2017	10/28/2017	100.000	100.010	100.0	1
KU	C1SR	2511356	10/2017	10/28/2017	100.000	100.040	100.0	1
KU	C1SR	2511357	10/2017	10/28/2017	99.980	100.010	100.0	1
KU	C1SR	2511358	10/2017	10/28/2017	99.980	99.980	100.0	1

KU	C1SR	2511359	10/2017	10/28/2017	99.990	99.950	99.9	1
KU	C1SR	2511360	10/2017	10/28/2017	100.030	100.040	100.0	1
KU	C1SR	2511361	10/2017	10/28/2017	99.980	99.980	100.0	1
KU	C1SR	2511362	10/2017	10/28/2017	99.970	100.030	100.0	1
KU	C1SR	2511363	10/2017	10/28/2017	100.020	100.030	100.0	1
KU	C1SR	2511364	10/2017	10/28/2017	99.980	100.020	100.0	1
KU	C1SR	2511365	10/2017	10/28/2017	99.990	99.980	100.0	1
KU	C1SR	2511366	10/2017	10/28/2017	99.970	100.040	100.0	1
KU	C1SR	2511367	10/2017	10/28/2017	100.000	99.970	100.0	1
KU	C1SR	2511368	10/2017	10/28/2017	100.000	100.020	100.0	1
KU	C1SR	2511369	10/2017	10/28/2017	99.960	100.000	100.0	1
KU	C1SR	2511370	10/2017	10/28/2017	99.970	100.030	100.0	1
KU	C1SR	2511371	10/2017	10/28/2017	100.020	100.000	100.0	1
KU	C1SR	2511372	10/2017	10/28/2017	99.990	100.000	100.0	1
KU	C1SR	2511373	10/2017	10/28/2017	100.010	100.020	100.0	1
KU	C1SR	2511374	10/2017	10/28/2017	100.020	99.970	100.0	1
KU	C1SR	2511375	10/2017	10/28/2017	100.010	100.060	100.0	1
KU	C1SR	2511376	10/2017	10/28/2017	100.020	99.990	100.0	1
KU	C1SR	2511377	10/2017	10/28/2017	100.020	100.000	100.0	1
KU	C1SR	2511378	10/2017	10/28/2017	99.990	100.010	100.0	1
KU	C1SR	2511379	10/2017	10/28/2017	99.990	100.000	100.0	1
KU	C1SR	2511380	10/2017	10/28/2017	100.030	100.010	100.0	1
KU	C1SR	2511381	10/2017	10/28/2017	100.000	99.990	100.0	1
KU	C1SR	2511382	10/2017	10/28/2017	99.970	100.000	100.0	1
KU	C1SR	2511383	10/2017	10/28/2017	100.040	100.030	100.0	1
KU	C1SR	2511384	10/2017	10/28/2017	100.000	100.030	100.0	1
KU	C1SR	2511385	10/2017	10/28/2017	100.010	100.040	100.0	1
KU	C1SR	2511386	10/2017	10/28/2017	100.010	100.040	100.0	1
KU	C1SR	2511387	10/2017	10/28/2017	99.980	100.040	100.0	1
KU	C1SR	2511388	10/2017	10/28/2017	100.000	99.970	100.0	1
KU	C1SR	2511389	10/2017	10/28/2017	99.970	99.950	100.0	1
KU	C1SR	2511390	10/2017	10/28/2017	99.970	99.990	100.0	1
KU	C1SR	2511391	10/2017	10/28/2017	100.000	100.040	100.0	1
KU	C1SR	2511392	10/2017	10/28/2017	99.980	100.050	100.0	1
KU	C1SR	2511393	10/2017	10/28/2017	99.990	99.970	99.9	1
KU	C1SR	2511394	10/2017	10/28/2017	100.030	100.060	100.0	1
KU	C1SR	2511395	10/2017	10/28/2017	99.980	100.030	100.0	1
KU	C1SR	2511396	10/2017	10/28/2017	99.980	99.990	100.0	1
KU	C1SR	2511397	10/2017	10/28/2017	100.020	100.000	100.0	1
KU	C1SR	2511398	10/2017	10/28/2017	99.990	99.980	100.0	1
KU	C1SR	2511399	10/2017	10/28/2017	100.000	100.030	100.0	1
KU	C1SR	2511400	10/2017	10/28/2017	100.020	100.030	100.0	1

KU	C1SR	2511401	10/2017	10/28/2017	100.010	100.000	100.0	1
KU	C1SR	2511402	10/2017	10/28/2017	100.000	99.970	100.1	1
KU	C1SR	2511403	10/2017	10/28/2017	100.020	99.990	100.0	1
KU	C1SR	2511404	10/2017	10/28/2017	100.050	100.020	100.0	1
KU	C1SR	2511405	10/2017	10/28/2017	100.010	100.000	100.0	1
KU	C1SR	2511406	10/2017	10/28/2017	100.000	99.970	100.0	1
KU	C1SR	2511407	10/2017	10/28/2017	100.040	100.060	100.1	1
KU	C1SR	2511408	10/2017	10/28/2017	99.990	100.030	100.0	1
KU	C1SR	2511409	10/2017	10/28/2017	99.950	100.050	100.0	1
KU	C1SR	2511410	10/2017	10/28/2017	99.990	100.000	100.0	1
KU	C1SR	2511411	10/2017	10/28/2017	99.990	100.030	100.1	1
KU	C1SR	2511412	10/2017	10/28/2017	99.970	99.970	100.0	1
KU	C1SR	2511413	10/2017	10/28/2017	99.980	100.000	100.0	1
KU	C1SR	2511414	10/2017	10/28/2017	100.020	100.010	100.0	1
KU	C1SR	2511415	10/2017	10/28/2017	100.020	100.030	100.0	1
KU	C1SR	2511416	10/2017	10/28/2017	99.980	100.020	100.0	1
KU	C1SR	2511417	10/2017	10/28/2017	99.980	100.030	100.0	1
KU	C1SR	2511418	10/2017	10/28/2017	100.000	100.010	100.0	1
KU	C1SR	2511419	10/2017	10/28/2017	99.970	100.010	100.0	1
KU	C1SR	2511420	10/2017	10/28/2017	100.010	100.030	100.0	1
KU	C1SR	2511421	10/2017	10/28/2017	100.040	100.000	100.0	1
KU	C1SR	2511422	10/2017	10/28/2017	100.000	100.010	100.0	1
KU	C1SR	2511423	10/2017	10/28/2017	100.020	100.020	100.0	1
KU	C1SR	2511424	10/2017	10/28/2017	100.020	99.990	100.0	1
KU	C1SR	2511425	10/2017	10/28/2017	99.960	100.020	100.0	1
KU	C1SR	2511426	10/2017	10/28/2017	100.020	100.020	100.0	1
KU	C1SR	2511427	10/2017	10/28/2017	100.020	100.050	100.0	1
KU	C1SR	2511428	10/2017	10/28/2017	100.020	99.970	100.0	1
KU	C1SR	2511429	10/2017	10/28/2017	100.020	99.990	100.0	1
KU	C1SR	2511430	10/2017	10/28/2017	100.010	100.060	100.0	1
KU	C1SR	2511431	10/2017	10/28/2017	100.000	100.010	100.0	1
KU	C1SR	2511432	10/2017	10/28/2017	100.010	100.040	100.0	1
KU	C1SR	2511433	10/2017	10/28/2017	100.000	100.100	100.1	1
KU	C1SR	2511434	10/2017	10/28/2017	99.980	99.990	100.0	1
KU	C1SR	2511435	10/2017	10/28/2017	99.980	100.030	100.0	1
KU	C1SR	2511436	10/2017	10/28/2017	99.970	100.010	100.0	1
KU	C1SR	2511437	10/2017	10/28/2017	100.010	100.040	100.0	1
KU	C1SR	2511438	10/2017	10/28/2017	99.980	99.960	100.0	1
KU	C1SR	2511439	10/2017	10/28/2017	99.980	100.020	100.0	1
KU	C1SR	2511440	10/2017	10/28/2017	100.000	100.050	100.0	1
KU	C1SR	2511441	10/2017	10/28/2017	100.020	100.030	100.0	1
KU	C1SR	2511442	10/2017	10/28/2017	100.010	100.030	100.0	1

KU	C1SR	2511443	10/2017	10/28/2017	99.990	100.000	100.0	1
KU	C1SR	2511444	10/2017	10/28/2017	100.010	100.010	100.0	1
KU	C1SR	2511445	10/2017	10/28/2017	99.980	100.000	100.0	1
KU	C1SR	2511446	10/2017	10/28/2017	100.010	100.010	100.0	1
KU	C1SR	2511447	10/2017	10/28/2017	100.020	100.010	100.0	1
KU	C1SR	2511448	10/2017	10/28/2017	100.000	99.980	100.0	1
KU	C1SR	2511449	10/2017	10/28/2017	99.990	100.010	100.0	1
KU	C1SR	2511450	10/2017	10/28/2017	100.000	99.990	100.0	1
KU	C1SR	2511451	10/2017	10/28/2017	99.980	100.010	100.0	1
KU	C1SR	2511452	10/2017	10/28/2017	100.020	100.010	100.0	1
KU	C1SR	2511453	10/2017	10/28/2017	99.970	100.010	100.0	1
KU	C1SR	2511454	10/2017	10/28/2017	100.010	99.990	100.0	1
KU	C1SR	2511455	10/2017	10/28/2017	99.990	99.960	99.9	1
KU	C1SR	2511456	10/2017	10/28/2017	100.050	100.020	100.0	1
KU	C1SR	2511457	10/2017	10/28/2017	100.030	99.990	100.0	1
KU	C1SR	2511458	10/2017	10/28/2017	100.030	100.010	100.0	1
KU	C1SR	2511459	10/2017	10/28/2017	99.940	99.980	100.0	1
KU	C1SR	2511460	10/2017	10/28/2017	99.980	99.950	100.0	1
KU	C1SR	2511461	10/2017	10/28/2017	100.000	100.010	100.1	1
KU	C1SR	2511462	10/2017	10/28/2017	99.980	100.000	100.0	1
KU	C1SR	2511463	10/2017	10/28/2017	100.010	99.990	100.0	1
KU	C1SR	2511464	10/2017	10/28/2017	100.000	100.020	100.0	1
KU	C1SR	2511465	10/2017	10/28/2017	100.020	99.980	100.0	1
KU	C1SR	2511466	10/2017	10/28/2017	100.000	99.950	99.9	1
KU	C1SR	2511467	10/2017	10/28/2017	100.010	99.960	100.0	1
KU	C1SR	2511468	10/2017	10/28/2017	99.990	100.010	100.0	1
KU	C1SR	2511469	10/2017	10/28/2017	99.990	99.960	100.0	1
KU	C1SR	2511470	10/2017	10/28/2017	100.020	99.950	100.0	1
KU	C1SR	2511471	10/2017	10/28/2017	99.970	99.980	100.0	1
KU	C1SR	2511472	10/2017	10/28/2017	100.030	99.970	100.0	1
KU	C1SR	2511473	10/2017	10/28/2017	100.020	100.020	100.0	1
KU	C1SR	2511474	10/2017	10/28/2017	100.000	99.950	100.0	1
KU	C1SR	2511475	10/2017	10/28/2017	100.010	99.940	99.9	1
KU	C1SR	2511476	10/2017	10/28/2017	99.990	99.960	100.0	1
KU	C1SR	2511477	10/2017	10/28/2017	99.980	99.980	99.9	1
KU	C1SR	2511478	10/2017	10/28/2017	99.970	100.010	100.0	1
KU	C1SR	2511479	10/2017	10/28/2017	100.020	99.980	100.0	1
KU	C1SR	2511480	10/2017	10/28/2017	100.000	100.010	100.0	1
KU	C1SR	2511481	10/2017	10/28/2017	100.010	99.990	100.0	1
KU	C1SR	2511482	10/2017	10/28/2017	99.990	99.950	100.0	1
KU	C1SR	2511483	10/2017	10/28/2017	100.000	99.980	99.9	1
KU	C1SR	2511484	10/2017	10/28/2017	100.010	99.970	100.0	1

KU	C1SR	2511485	10/2017	10/28/2017	100.000	99.960	100.0	1
KU	C1SR	2511486	10/2017	10/28/2017	100.020	99.990	99.9	1
KU	C1SR	2511487	10/2017	10/28/2017	100.000	99.980	99.9	1
KU	C1SR	2511488	10/2017	10/28/2017	100.010	99.960	99.9	1
KU	C1SR	2511489	10/2017	10/28/2017	100.030	99.970	100.0	1
KU	C1SR	2511490	10/2017	10/28/2017	99.990	99.960	100.0	1
KU	C1SR	2511491	10/2017	10/28/2017	100.030	99.980	99.9	1
KU	C1SR	2511492	10/2017	10/28/2017	99.960	100.000	100.0	1
KU	C1SR	2511493	10/2017	10/28/2017	100.000	99.990	100.0	1
KU	C1SR	2511494	10/2017	10/28/2017	100.020	99.970	100.0	1
KU	C1SR	2511495	10/2017	10/28/2017	100.020	99.950	99.9	1
KU	C1SR	2511496	10/2017	10/28/2017	99.990	99.970	100.0	1
KU	C1SR	2511497	10/2017	10/28/2017	100.010	100.000	100.0	1
KU	C1SR	2511498	10/2017	10/28/2017	100.010	99.960	100.0	1
KU	C1SR	2511499	10/2017	10/28/2017	100.020	99.960	100.0	1
KU	C1SR	2511500	10/2017	10/28/2017	99.990	99.960	100.0	1
KU	C1SR	2511501	10/2017	10/28/2017	100.020	99.980	100.0	1
KU	C1SR	2511502	10/2017	10/28/2017	100.040	99.990	100.0	1
KU	C1SR	2511503	10/2017	10/28/2017	100.010	99.970	99.9	1
KU	C1SR	2511504	10/2017	10/28/2017	99.960	99.980	100.0	1
KU	C1SR	2511505	10/2017	10/28/2017	99.990	100.000	100.0	1
KU	C1SR	2511506	10/2017	10/28/2017	99.980	99.960	99.9	1
KU	C1SR	2511507	10/2017	10/28/2017	99.980	100.000	100.0	1
KU	C1SR	2511508	10/2017	10/28/2017	99.990	100.000	100.0	1
KU	C1SR	2511509	10/2017	10/28/2017	100.000	99.970	99.9	1
KU	C1SR	2511510	10/2017	10/28/2017	100.000	99.960	99.9	1
KU	C1SR	2511511	10/2017	10/28/2017	99.990	99.990	99.9	1
KU	C1SR	2511512	10/2017	10/28/2017	99.980	99.970	99.9	1
KU	C1SR	2511513	10/2017	10/28/2017	100.020	99.980	99.9	1
KU	C1SR	2511514	10/2017	10/28/2017	99.960	99.960	100.0	1
KU	C1SR	2511515	10/2017	10/28/2017	100.020	99.990	99.9	1
KU	C1SR	2511516	10/2017	10/28/2017	99.970	99.970	99.9	1
KU	C1SR	2511517	10/2017	10/28/2017	100.030	99.950	99.9	1
KU	C1SR	2511518	10/2017	10/28/2017	100.020	99.960	99.9	1
KU	C1SR	2511519	10/2017	10/28/2017	100.040	99.990	100.0	1
KU	C1SR	2511520	10/2017	10/28/2017	99.970	99.960	100.0	1
KU	C1SR	2511521	10/2017	10/28/2017	100.000	99.960	100.0	1
KU	C1SR	2511522	10/2017	10/28/2017	99.990	99.890	99.9	1
KU	C1SR	2511523	10/2017	10/28/2017	100.020	100.010	100.0	1
KU	C1SR	2511524	10/2017	10/28/2017	100.010	100.000	100.0	1
KU	C1SR	2511525	10/2017	10/28/2017	100.030	99.980	100.0	1
KU	C1SR	2511526	10/2017	10/28/2017	100.000	100.010	100.0	1

KU	C1SR	2511527	10/2017	10/28/2017	100.030	99.980	100.0	1
KU	C1SR	2511528	10/2017	10/28/2017	100.000	99.960	100.0	1
KU	C1SR	2511529	10/2017	10/28/2017	100.010	100.000	100.0	1
KU	C1SR	2511530	10/2017	10/28/2017	99.980	100.030	100.0	1
KU	C1SR	2511531	10/2017	10/28/2017	100.020	99.950	100.0	1
KU	C1SR	2511532	10/2017	10/28/2017	100.040	100.000	100.0	1
KU	C1SR	2511533	10/2017	10/28/2017	99.970	99.970	99.9	1
KU	C1SR	2511534	10/2017	10/28/2017	100.000	99.950	100.0	1
KU	C1SR	2511535	10/2017	10/28/2017	100.020	99.980	100.0	1
KU	C1SR	2511536	10/2017	10/28/2017	100.010	100.000	99.9	1
KU	C1SR	2511537	10/2017	10/28/2017	100.030	99.980	100.0	1
KU	C1SR	2511538	10/2017	10/28/2017	99.990	99.980	100.0	1
KU	C1SR	2511539	10/2017	10/28/2017	100.010	99.960	100.0	1
KU	C1SR	2511540	10/2017	10/28/2017	100.000	99.990	100.0	1
KU	C1SR	2511541	10/2017	10/28/2017	99.990	99.940	100.0	1
KU	C1SR	2511542	10/2017	10/28/2017	99.980	99.990	100.0	1
KU	C1SR	2511543	10/2017	10/28/2017	100.000	99.970	100.0	1
KU	C1SR	2511544	10/2017	10/28/2017	99.990	99.990	99.9	1
KU	C1SR	2511545	10/2017	10/28/2017	100.020	99.980	99.9	1
KU	C1SR	2511546	10/2017	10/28/2017	100.000	100.000	100.0	1
KU	C1SR	2511547	10/2017	10/28/2017	100.030	99.960	99.9	1
KU	C1SR	2511548	10/2017	10/28/2017	100.000	99.990	100.0	1
KU	C1SR	2511549	10/2017	10/28/2017	99.980	99.950	99.9	1
KU	C1SR	2511550	10/2017	10/28/2017	100.010	99.990	100.0	1
KU	C1SR	2511551	10/2017	10/28/2017	99.990	99.980	100.0	1
KU	C1SR	2511552	10/2017	10/28/2017	100.010	99.980	100.0	1
KU	C1SR	2511553	10/2017	10/28/2017	100.010	99.970	100.0	1
KU	C1SR	2511554	10/2017	10/28/2017	100.050	99.980	100.0	1
KU	C1SR	2511555	10/2017	10/28/2017	100.020	100.000	100.0	1
KU	C1SR	2511556	10/2017	10/28/2017	99.980	99.970	100.0	1
KU	C1SR	2511557	10/2017	10/28/2017	100.010	99.980	100.0	1
KU	C1SR	2511558	10/2017	10/28/2017	99.990	99.980	100.0	1
KU	C1SR	2511559	10/2017	10/28/2017	100.010	99.970	99.9	1
KU	C1SR	2511560	10/2017	10/28/2017	99.970	99.990	100.0	1
KU	C1SR	2511561	10/2017	10/28/2017	100.020	99.960	100.0	1
KU	C1SR	2511562	10/2017	10/28/2017	100.000	99.980	100.0	1
KU	C1SR	2511563	10/2017	10/28/2017	100.000	99.980	100.0	1
KU	C1SR	2511564	10/2017	10/28/2017	100.030	100.000	100.0	1
KU	C1SR	2511565	10/2017	10/28/2017	100.020	99.950	100.0	1
KU	C1SR	2511566	10/2017	10/28/2017	100.010	100.000	100.0	1
KU	C1SR	2511567	10/2017	10/28/2017	100.000	99.980	100.0	1
KU	C1SR	2511568	10/2017	10/28/2017	100.030	99.990	100.0	1

KU	C1SR	2511569	10/2017	10/28/2017	99.980	99.960	99.9	1
KU	C1SR	2511570	10/2017	10/28/2017	100.040	99.970	100.0	1
KU	C1SR	2511571	10/2017	10/28/2017	100.020	100.010	100.0	1
KU	C1SR	2511572	10/2017	10/28/2017	100.030	99.990	100.0	1
KU	C1SR	2511573	10/2017	10/28/2017	99.990	99.990	100.0	1
KU	C1SR	2511574	10/2017	10/28/2017	99.990	99.970	99.9	1
KU	C1SR	2511575	10/2017	10/28/2017	100.000	100.000	100.0	1
KU	C1SR	2511576	10/2017	10/28/2017	100.020	99.970	100.0	1
KU	C1SR	2511577	10/2017	10/28/2017	100.020	100.010	100.0	1
KU	C1SR	2511578	10/2017	10/28/2017	100.000	99.950	100.0	1
KU	C1SR	2511579	10/2017	10/28/2017	100.020	100.000	100.0	1
KU	C1SR	2511580	10/2017	10/28/2017	99.980	99.970	99.9	1
KU	C1SR	2511581	10/2017	10/28/2017	99.960	99.980	100.0	1
KU	C1SR	2511582	10/2017	10/28/2017	99.990	100.000	100.0	1
KU	C1SR	2511583	10/2017	10/28/2017	99.980	100.000	100.0	1
KU	C1SR	2511584	10/2017	10/28/2017	100.010	99.980	100.0	1
KU	C1SR	2511585	10/2017	10/28/2017	99.940	99.970	100.0	1
KU	C1SR	2511586	10/2017	10/28/2017	100.020	99.980	99.9	1
KU	C1SR	2511587	10/2017	10/28/2017	99.990	100.020	99.9	1
KU	C1SR	2511588	10/2017	10/28/2017	100.000	99.960	99.9	1
KU	C1SR	2511589	10/2017	10/28/2017	100.040	100.000	100.0	1
KU	C1SR	2511590	10/2017	10/28/2017	100.030	100.000	100.0	1
KU	C1SR	2511591	10/2017	10/28/2017	100.000	99.950	99.9	1
KU	C1SR	2511592	10/2017	10/28/2017	99.970	100.010	100.0	1
KU	C1SR	2511593	10/2017	10/28/2017	100.020	99.960	99.9	1
KU	C1SR	2511594	10/2017	10/28/2017	100.000	99.990	100.0	1
KU	C1SR	2511595	10/2017	10/28/2017	100.000	99.980	100.0	1
KU	C1SR	2511596	10/2017	10/28/2017	100.000	99.970	99.9	1
KU	C1SR	2511597	10/2017	10/28/2017	99.990	99.960	99.9	1
KU	C1SR	2511598	10/2017	10/28/2017	100.000	100.000	99.9	1
KU	C1SR	2511599	10/2017	10/28/2017	99.990	100.010	100.0	1
KU	C1SR	2511600	10/2017	10/28/2017	100.040	99.930	99.9	1
KU	C1SR	2511601	10/2017	10/28/2017	100.000	99.990	100.0	1
KU	C1SR	2511602	10/2017	10/28/2017	99.980	99.990	100.0	1
KU	C1SR	2511603	10/2017	10/28/2017	99.980	99.980	100.0	1
KU	C1SR	2511604	10/2017	10/28/2017	99.990	100.000	100.0	1
KU	C1SR	2511605	10/2017	10/28/2017	99.990	99.970	100.0	1
KU	C1SR	2511606	10/2017	10/28/2017	100.000	99.980	100.0	1
KU	C1SR	2511607	10/2017	10/28/2017	100.000	100.000	100.0	1
KU	C1SR	2511608	10/2017	10/28/2017	100.020	99.960	100.0	1
KU	C1SR	2511609	10/2017	10/28/2017	100.010	100.000	100.0	1
KU	C1SR	2511610	10/2017	10/28/2017	99.980	99.990	100.0	1



KU	C1SR	2511611	10/2017	10/28/2017	100.010	100.000	100.0	1
KU	C1SR	2511612	10/2017	10/28/2017	100.020	99.940	100.0	1
KU	C1SR	2511613	10/2017	10/28/2017	100.010	99.970	99.9	1
KU	C1SR	2511614	10/2017	10/28/2017	100.040	100.010	100.0	1
KU	C1SR	2511615	10/2017	10/28/2017	100.010	100.000	100.0	1
KU	C1SR	2511616	10/2017	10/28/2017	100.000	100.000	100.0	1
KU	C1SR	2511617	10/2017	10/28/2017	99.980	100.010	100.0	1
KU	C1SR	2511618	10/2017	10/28/2017	99.990	99.940	99.9	1
KU	C1SR	2511619	10/2017	10/28/2017	99.990	99.990	100.0	1
KU	C1SR	2511620	10/2017	10/28/2017	99.980	99.980	100.0	1
KU	C1SR	2511621	10/2017	10/28/2017	100.010	99.990	100.0	1
KU	C1SR	2511622	10/2017	10/28/2017	100.020	99.980	100.0	1
KU	C1SR	2511623	10/2017	10/28/2017	100.000	99.990	100.0	1
KU	C1SR	2511624	10/2017	10/28/2017	100.030	100.010	100.0	1
KU	C1SR	2511625	10/2017	10/28/2017	99.960	99.940	100.0	1
KU	C1SR	2511626	10/2017	10/28/2017	99.980	99.980	100.0	1
KU	C1SR	2511627	10/2017	10/28/2017	99.980	100.010	100.0	1
KU	C1SR	2511628	10/2017	10/28/2017	99.980	99.960	99.9	1
KU	C1SR	2511629	10/2017	10/28/2017	99.970	99.960	99.9	1
KU	C1SR	2511630	10/2017	10/28/2017	100.020	99.980	100.0	1
KU	C1SR	2511631	10/2017	10/28/2017	100.010	100.010	100.1	1
KU	C1SR	2511632	10/2017	10/28/2017	99.970	99.980	100.0	1
KU	C1SR	2511633	10/2017	10/28/2017	100.040	99.970	100.0	1
KU	C1SR	2511634	10/2017	10/28/2017	100.010	99.990	100.0	1
KU	C1SR	2511635	10/2017	10/28/2017	99.980	99.970	99.9	1
KU	C1SR	2511636	10/2017	10/28/2017	99.990	99.990	100.0	1
KU	C1SR	2511637	10/2017	10/28/2017	100.000	100.000	99.9	1
KU	C1SR	2511638	10/2017	10/28/2017	100.010	99.950	99.9	1
KU	C1SR	2511639	10/2017	10/28/2017	99.990	99.930	99.9	1
KU	C1SR	2511640	10/2017	10/28/2017	99.970	99.960	100.0	1
KU	C1SR	2511641	10/2017	10/28/2017	99.970	100.010	100.0	1
KU	C1SR	2511642	10/2017	10/28/2017	100.000	99.970	100.0	1
KU	C1SR	2511643	10/2017	10/28/2017	99.990	99.990	100.0	1
KU	C1SR	2511644	10/2017	10/28/2017	100.020	100.010	100.0	1
KU	C1SR	2511645	10/2017	10/28/2017	100.000	100.000	100.0	1
KU	C1SR	2511646	10/2017	10/28/2017	100.000	100.010	100.0	1
KU	C1SR	2511647	10/2017	10/28/2017	100.020	99.970	100.0	1
KU	C1SR	2511648	10/2017	10/28/2017	100.010	99.980	100.0	1
KU	C1SR	2511649	10/2017	10/28/2017	100.010	100.010	100.0	1
KU	C1SR	2511650	10/2017	10/28/2017	100.000	100.000	100.0	1
KU	C1SR	2511651	10/2017	10/28/2017	100.040	99.970	100.0	1
KU	C1SR	2511652	10/2017	10/28/2017	100.030	99.990	100.0	1

KU	C1SR	2511653	10/2017	10/28/2017	100.000	99.970	100.0	1
KU	C1SR	2511654	10/2017	10/28/2017	99.970	100.010	100.0	1
KU	C1SR	2511655	10/2017	10/28/2017	99.980	100.000	100.0	1
KU	C1SR	2511656	10/2017	10/28/2017	100.010	99.980	100.0	1
KU	C1SR	2511657	10/2017	10/28/2017	100.000	99.990	100.0	1
KU	C1SR	2511658	10/2017	10/28/2017	100.010	99.990	100.0	1
KU	C1SR	2511659	10/2017	10/28/2017	100.000	99.980	99.9	1
KU	C1SR	2511660	10/2017	10/28/2017	99.980	100.020	100.0	1
KU	C1SR	2511661	10/2017	10/28/2017	100.040	99.980	100.0	1
KU	C1SR	2511662	10/2017	10/28/2017	100.000	99.970	99.9	1
KU	C1SR	2511663	10/2017	10/28/2017	99.980	100.010	100.0	1
KU	C1SR	2511664	10/2017	10/28/2017	99.960	99.990	100.0	1
KU	C1SR	2511665	10/2017	10/28/2017	99.950	100.060	100.0	1
KU	C1SR	2511666	10/2017	10/28/2017	99.970	99.990	100.0	1
KU	C1SR	2511667	10/2017	10/28/2017	100.010	99.990	100.0	1
KU	C1SR	2511668	10/2017	10/28/2017	100.040	99.990	100.0	1
KU	C1SR	2511669	10/2017	10/28/2017	99.990	99.960	100.0	1
KU	C1SR	2511670	10/2017	10/28/2017	100.040	100.000	100.0	1
KU	C1SR	2511671	10/2017	10/28/2017	99.990	99.990	100.0	1
KU	C1SR	2511672	10/2017	10/28/2017	99.960	100.020	100.0	1
KU	C1SR	2511673	10/2017	10/28/2017	99.950	99.970	100.0	1
KU	C1SR	2511674	10/2017	10/28/2017	99.950	99.990	100.0	1
KU	C1SR	2511675	10/2017	10/28/2017	100.000	99.990	100.0	1
KU	C1SR	2511676	10/2017	10/28/2017	99.970	100.010	100.0	1
KU	C1SR	2511677	10/2017	10/28/2017	100.000	100.010	100.0	1
KU	C1SR	2511678	10/2017	10/28/2017	99.990	99.980	100.0	1
KU	C1SR	2511679	10/2017	10/28/2017	99.970	99.950	100.0	1
KU	C1SR	2511680	10/2017	10/28/2017	100.010	100.010	100.0	1
KU	C1SR	2511681	10/2017	10/28/2017	100.000	100.000	100.0	1
KU	C1SR	2511682	10/2017	10/28/2017	100.020	99.980	100.0	1
KU	C1SR	2511683	10/2017	10/28/2017	99.990	99.970	100.0	1
KU	C1SR	2511684	10/2017	10/28/2017	100.010	99.970	100.0	1
KU	C1SR	2511685	10/2017	10/28/2017	99.970	100.010	100.0	1
KU	C1SR	2511686	10/2017	10/28/2017	100.000	99.980	100.0	1
KU	C1SR	2511687	10/2017	10/28/2017	100.020	99.980	100.0	1
KU	C1SR	2511688	10/2017	10/28/2017	100.020	99.980	100.0	1
KU	C1SR	2511689	10/2017	10/28/2017	100.020	99.990	100.1	1
KU	C1SR	2511690	10/2017	10/28/2017	99.980	99.950	100.0	1
KU	C1SR	2511691	10/2017	10/28/2017	100.010	99.970	99.9	1
KU	C1SR	2511692	10/2017	10/28/2017	100.000	100.020	100.0	1
KU	C1SR	2511693	10/2017	10/28/2017	100.030	99.970	99.9	1
KU	C1SR	2511694	10/2017	10/28/2017	100.000	99.970	100.0	1

KU	C1SR	2511695	10/2017	10/28/2017	99.990	99.990	100.0	1
KU	C1SR	2511696	10/2017	10/28/2017	99.980	100.000	100.0	1
KU	C1SR	2511697	10/2017	10/28/2017	99.990	100.000	100.0	1
KU	C1SR	2511698	10/2017	10/28/2017	99.970	99.960	100.0	1
KU	C1SR	2511699	10/2017	10/28/2017	99.950	99.990	100.0	1
KU	C1SR	2511700	10/2017	10/28/2017	99.960	100.010	100.0	1
KU	C1SR	2511701	10/2017	10/28/2017	100.030	99.990	100.0	1
KU	C1SR	2511702	10/2017	10/28/2017	100.030	99.990	100.0	1
KU	C1SR	2511703	10/2017	10/28/2017	100.000	99.990	100.0	1
KU	C1SR	2511704	10/2017	10/28/2017	99.990	99.940	100.0	1
KU	C1SR	2511705	10/2017	10/28/2017	100.010	99.990	100.0	1
KU	C1SR	2511706	10/2017	10/28/2017	100.010	99.950	99.9	1
KU	C1SR	2511707	10/2017	10/28/2017	100.030	99.970	100.0	1
KU	C1SR	2511708	10/2017	10/28/2017	100.000	99.990	100.0	1
KU	C1SR	2511709	10/2017	10/28/2017	99.980	100.010	100.0	1
KU	C1SR	2511710	10/2017	10/28/2017	100.030	99.960	99.9	1
KU	C1SR	2511711	10/2017	10/28/2017	99.960	99.950	99.9	1
KU	C1SR	2511712	10/2017	10/28/2017	100.060	100.000	100.0	1
KU	C1SR	2511713	10/2017	10/28/2017	100.030	99.970	100.0	1
KU	C1SR	2511714	10/2017	10/28/2017	100.020	99.960	99.9	1
KU	C1SR	2511715	10/2017	10/28/2017	99.980	100.010	100.0	1
KU	C1SR	2511716	10/2017	10/28/2017	99.990	100.040	100.0	1
KU	C1SR	2511717	10/2017	10/28/2017	100.000	99.960	100.0	1
KU	C1SR	2511718	10/2017	10/28/2017	99.990	100.000	100.0	1
KU	C1SR	2511719	10/2017	10/28/2017	100.000	99.980	100.0	1
KU	C1SR	2511720	10/2017	10/28/2017	99.980	99.980	100.0	1
KU	C1SR	2511721	10/2017	10/28/2017	100.000	99.980	100.0	1
KU	C1SR	2511722	10/2017	10/28/2017	100.000	99.990	100.0	1
KU	C1SR	2511723	10/2017	10/28/2017	100.030	99.980	100.0	1
KU	C1SR	2511724	10/2017	10/28/2017	100.010	99.990	100.0	1
KU	C1SR	2511725	10/2017	10/28/2017	100.010	99.980	100.0	1
KU	C1SR	2511726	10/2017	10/28/2017	100.040	100.010	100.0	1
KU	C1SR	2511727	10/2017	10/28/2017	99.990	99.980	100.0	1
KU	C1SR	2511728	10/2017	10/28/2017	100.000	99.990	100.0	1
KU	C1SR	2511729	10/2017	10/28/2017	99.980	99.960	100.0	1
KU	C1SR	2511730	10/2017	10/28/2017	99.970	99.990	100.0	1
KU	C1SR	2511731	10/2017	10/28/2017	100.000	99.960	100.0	1
KU	C1SR	2511732	10/2017	10/28/2017	100.000	99.980	100.0	1
KU	C1SR	2511733	10/2017	10/28/2017	99.950	99.960	100.0	1
KU	C1SR	2511734	10/2017	10/28/2017	100.010	99.970	100.0	1
KU	C1SR	2511735	10/2017	10/28/2017	99.970	99.990	100.0	1
KU	C1SR	2511736	10/2017	10/28/2017	100.000	99.990	100.0	1

KU	C1SR	2511737	10/2017	10/28/2017	99.970	99.980	100.0	1
KU	C1SR	2511738	10/2017	10/28/2017	99.960	99.960	100.0	1
KU	C1SR	2511739	10/2017	10/28/2017	99.990	99.970	100.0	1
KU	C1SR	2511740	10/2017	10/28/2017	100.050	99.970	100.0	1
KU	C1SR	2511741	10/2017	10/28/2017	99.980	99.970	100.0	1
KU	C1SR	2511742	10/2017	10/28/2017	100.010	99.940	100.0	1
KU	C1SR	2511743	10/2017	10/28/2017	99.990	100.010	100.0	1
KU	C1SR	2511744	10/2017	10/28/2017	100.010	99.980	100.0	1
KU	C1SR	2511745	10/2017	10/28/2017	100.000	99.990	100.0	1
KU	C1SR	2511746	10/2017	10/28/2017	99.990	99.940	100.0	1
KU	C1SR	2511747	10/2017	10/28/2017	100.000	99.960	100.0	1
KU	C1SR	2511748	10/2017	10/28/2017	99.970	99.970	100.0	1
KU	C1SR	2511749	10/2017	10/28/2017	99.960	99.990	100.0	1
KU	C1SR	2511750	10/2017	10/28/2017	100.010	99.990	100.0	1
KU	C1SR	2511751	10/2017	10/28/2017	99.990	99.980	100.0	1
KU	C1SR	2511752	10/2017	10/28/2017	100.030	99.980	100.0	1
KU	C1SR	2511753	10/2017	10/28/2017	99.990	100.030	100.0	1
KU	C1SR	2511754	10/2017	10/28/2017	99.980	99.970	100.0	1
KU	C1SR	2511755	10/2017	10/28/2017	99.980	99.980	100.0	1
KU	C1SR	2511756	10/2017	10/28/2017	100.010	99.960	100.0	1
KU	C1SR	2511757	10/2017	10/28/2017	100.010	99.990	100.0	1
KU	C1SR	2511758	10/2017	10/28/2017	100.000	100.010	100.0	1
KU	C1SR	2511759	10/2017	10/28/2017	99.960	100.010	100.0	1
KU	C1SR	2511760	10/2017	10/28/2017	100.030	100.000	100.0	1
KU	C1SR	2511761	10/2017	10/28/2017	100.020	99.990	100.0	1
KU	C1SR	2511762	10/2017	10/28/2017	100.030	100.010	100.0	1
KU	C1SR	2511763	10/2017	10/28/2017	99.980	100.020	100.0	1
KU	C1SR	2511764	10/2017	10/28/2017	99.980	99.980	100.0	1
KU	C1SR	2511765	10/2017	10/28/2017	100.010	99.990	100.0	1
KU	C1SR	2511766	10/2017	10/28/2017	99.950	99.990	100.0	1
KU	C1SR	2511767	10/2017	10/28/2017	100.030	99.970	100.0	1
KU	C1SR	2511768	10/2017	10/28/2017	99.980	99.990	100.0	1
KU	C1SR	2511769	10/2017	10/28/2017	99.990	99.960	100.0	1
KU	C1SR	2511770	10/2017	10/28/2017	99.970	99.980	100.0	1
KU	C1SR	2511771	10/2017	10/28/2017	100.050	99.980	100.0	1
KU	C1SR	2511772	10/2017	10/28/2017	100.000	100.010	100.0	1
KU	C1SR	2511773	10/2017	10/28/2017	99.970	100.000	100.0	1
KU	C1SR	2511774	10/2017	10/28/2017	100.010	99.990	100.0	1
KU	C1SR	2511775	10/2017	10/28/2017	100.020	99.990	100.0	1
KU	C1SR	2511776	10/2017	10/28/2017	99.950	99.960	100.0	1
KU	C1SR	2511777	10/2017	10/28/2017	100.000	99.960	100.0	1
KU	C1SR	2511778	10/2017	10/28/2017	100.030	100.000	100.0	1

KU	C1SR	2511779	10/2017	10/28/2017	99.980	99.990	100.0	1
KU	C1SR	2511780	10/2017	10/28/2017	100.030	99.980	100.0	1
KU	C1SR	2511781	10/2017	10/28/2017	100.000	99.980	100.0	1
KU	C1SR	2511782	10/2017	10/28/2017	100.010	99.980	100.0	1
KU	C1SR	2511783	10/2017	10/28/2017	100.000	100.010	100.0	1
KU	C1SR	2511784	10/2017	10/28/2017	100.010	99.980	100.0	1
KU	C1SR	2511785	10/2017	10/28/2017	100.020	99.970	100.0	1
KU	C1SR	2511786	10/2017	10/28/2017	100.010	99.980	100.0	1
KU	C1SR	2511787	10/2017	10/28/2017	100.010	99.970	100.0	1
KU	C1SR	2511788	10/2017	10/28/2017	100.030	99.970	100.0	1
KU	C1SR	2511789	10/2017	10/28/2017	100.020	99.970	100.0	1
KU	C1SR	2511790	10/2017	10/28/2017	100.000	99.980	100.0	1
KU	C1SR	2511791	10/2017	10/28/2017	99.980	99.980	100.0	1
KU	C1SR	2511792	10/2017	10/28/2017	100.040	99.980	100.0	1
KU	C1SR	2511793	10/2017	10/28/2017	99.980	100.000	100.0	1
KU	C1SR	2511794	10/2017	10/28/2017	99.990	100.010	100.0	1
KU	C1SR	2511795	10/2017	10/28/2017	100.030	100.020	100.0	1
KU	C1SR	2511796	10/2017	10/28/2017	100.010	99.990	100.0	1
KU	C1SR	2511797	10/2017	10/28/2017	100.010	99.980	100.0	1
KU	C1SR	2511798	10/2017	10/28/2017	100.010	99.980	100.0	1
KU	C1SR	2511799	10/2017	10/28/2017	99.990	99.990	100.0	1
KU	C1SR	2511800	10/2017	10/28/2017	99.990	100.020	100.0	1
KU	C1SR	2511801	10/2017	10/28/2017	100.040	99.960	100.0	1
KU	C1SR	2511802	10/2017	10/28/2017	99.960	100.010	100.0	1
KU	C1SR	2511803	10/2017	10/28/2017	100.010	99.990	100.0	1
KU	C1SR	2511804	10/2017	10/28/2017	99.990	100.020	100.0	1
KU	C1SR	2511805	10/2017	10/28/2017	100.020	99.930	100.0	1
KU	C1SR	2511806	10/2017	10/28/2017	100.020	99.970	100.0	1
KU	C1SR	2511807	10/2017	10/28/2017	100.010	100.000	100.0	1
KU	C1SR	2511808	10/2017	10/28/2017	99.990	99.990	100.0	1
KU	C1SR	2511809	10/2017	10/28/2017	100.020	99.960	100.0	1
KU	C1SR	2511810	10/2017	10/28/2017	100.000	99.970	100.0	1
KU	C1SR	2511811	10/2017	10/28/2017	100.010	99.990	100.0	1
KU	C1SR	2511812	10/2017	10/28/2017	100.030	99.980	100.0	1
KU	C1SR	2511813	10/2017	10/28/2017	100.030	99.960	100.0	1
KU	C1SR	2511814	10/2017	10/28/2017	100.000	99.970	100.0	1
KU	C1SR	2511815	10/2017	10/28/2017	99.980	99.980	100.0	1
KU	C1SR	2511816	10/2017	10/28/2017	99.990	99.980	100.0	1
KU	C1SR	2511817	10/2017	10/28/2017	100.020	99.990	100.0	1
KU	C1SR	2511818	10/2017	10/28/2017	100.010	99.980	100.0	1
KU	C1SR	2511819	10/2017	10/28/2017	100.000	99.990	100.0	1
KU	C1SR	2511820	10/2017	10/28/2017	100.000	100.030	100.0	1

KU	C1SR	2511821	10/2017	10/28/2017	99.990	99.970	100.0	1
KU	C1SR	2511822	10/2017	10/28/2017	99.980	99.960	100.0	1
KU	C1SR	2511823	10/2017	10/28/2017	100.010	99.990	100.0	1
KU	C1SR	2511824	10/2017	10/28/2017	100.010	99.980	100.0	1
KU	C1SR	2511825	10/2017	10/28/2017	100.000	99.980	100.0	1
KU	C1SR	2511826	10/2017	10/28/2017	100.010	99.960	100.0	1
KU	C1SR	2511827	10/2017	10/28/2017	99.980	99.960	100.0	1
KU	C1SR	2511828	10/2017	10/28/2017	99.970	100.000	100.0	1
KU	C1SR	2511829	10/2017	10/28/2017	100.020	99.980	100.0	1
KU	C1SR	2511830	10/2017	10/28/2017	100.010	100.030	100.0	1
KU	C1SR	2511831	10/2017	10/28/2017	100.000	99.970	100.0	1
KU	C1SR	2511832	10/2017	10/28/2017	100.000	100.010	100.0	1
KU	C1SR	2511833	10/2017	10/28/2017	99.990	100.050	100.0	1
KU	C1SR	2511834	10/2017	10/28/2017	99.970	100.030	100.0	1
KU	C1SR	2511835	10/2017	10/28/2017	100.000	100.050	100.0	1
KU	C1SR	2511836	10/2017	10/28/2017	100.000	100.040	100.0	1
KU	C1SR	2511837	10/2017	10/28/2017	100.010	99.980	100.0	1
KU	C1SR	2511838	10/2017	10/28/2017	100.000	99.970	100.0	1
KU	C1SR	2511839	10/2017	10/28/2017	100.020	99.990	100.0	1
KU	C1SR	2511840	10/2017	10/28/2017	100.010	99.980	100.0	1
KU	C1SR	2511841	10/2017	10/28/2017	99.980	100.000	100.0	1
KU	C1SR	2511842	10/2017	10/28/2017	100.000	99.990	100.0	1
KU	C1SR	2511843	10/2017	10/28/2017	100.030	99.960	100.0	1
KU	C1SR	2511844	10/2017	10/28/2017	99.990	100.000	100.0	1
KU	C1SR	2511845	10/2017	10/28/2017	100.010	99.990	100.0	1
KU	C1SR	2511846	10/2017	10/28/2017	100.000	100.050	100.0	1
KU	C1SR	2511847	10/2017	10/28/2017	100.010	100.020	100.0	1
KU	C1SR	2511848	10/2017	10/28/2017	99.980	99.990	99.9	1
KU	C1SR	2511849	10/2017	10/28/2017	99.980	100.030	100.0	1
KU	C1SR	2511850	10/2017	10/28/2017	99.990	99.990	100.0	1
KU	C1SR	2511851	10/2017	10/28/2017	99.990	100.020	100.0	1
KU	C1SR	2511852	10/2017	10/28/2017	99.990	100.010	100.0	1
KU	C1SR	2511853	10/2017	10/28/2017	100.040	100.030	100.0	1
KU	C1SR	2511854	10/2017	10/28/2017	100.020	100.010	100.0	1
KU	C1SR	2511855	10/2017	10/28/2017	100.030	99.980	100.0	1
KU	C1SR	2511856	10/2017	10/28/2017	100.000	99.980	100.0	1
KU	C1SR	2511857	10/2017	10/28/2017	100.010	100.030	100.1	1
KU	C1SR	2511858	10/2017	10/28/2017	100.010	100.020	100.0	1
KU	C1SR	2511859	10/2017	10/28/2017	99.990	100.030	100.0	1
KU	C1SR	2511860	10/2017	10/28/2017	99.980	100.020	100.0	1
KU	C1SR	2511861	10/2017	10/28/2017	100.030	100.020	100.0	1
KU	C1SR	2511862	10/2017	10/28/2017	100.000	99.990	100.0	1

KU	C1SR	2511863	10/2017	10/28/2017	99.980	100.000	100.0	1
KU	C1SR	2511864	10/2017	10/28/2017	99.990	100.060	100.0	1
KU	C1SR	2511865	10/2017	10/28/2017	100.000	100.020	100.0	1
KU	C1SR	2511866	10/2017	10/28/2017	100.010	100.060	100.0	1
KU	C1SR	2511867	10/2017	10/28/2017	99.980	99.990	99.9	1
KU	C1SR	2511868	10/2017	10/28/2017	100.040	99.970	100.0	1
KU	C1SR	2511869	10/2017	10/28/2017	100.000	100.040	100.0	1
KU	C1SR	2511870	10/2017	10/28/2017	99.960	100.040	100.0	1
KU	C1SR	2511871	10/2017	10/28/2017	100.020	100.050	100.0	1
KU	C1SR	2511872	10/2017	10/28/2017	99.990	100.020	100.0	1
KU	C1SR	2511873	10/2017	10/28/2017	100.010	100.000	100.0	1
KU	C1SR	2511874	10/2017	10/28/2017	99.990	100.030	100.0	1
KU	C1SR	2511875	10/2017	10/28/2017	99.990	100.030	100.0	1
KU	C1SR	2511876	10/2017	10/28/2017	100.000	100.040	100.0	1
KU	C1SR	2511877	10/2017	10/28/2017	100.000	100.020	100.0	1
KU	C1SR	2511878	10/2017	10/28/2017	100.000	100.040	100.0	1
KU	C1SR	2511879	10/2017	10/28/2017	99.990	100.050	100.0	1
KU	C1SR	2511880	10/2017	10/28/2017	100.010	100.030	100.0	1
KU	C1SR	2511881	10/2017	10/28/2017	99.980	100.040	100.0	1
KU	C1SR	2511882	10/2017	10/28/2017	99.990	100.030	100.0	1
KU	C1SR	2511883	10/2017	10/28/2017	99.990	100.020	100.0	1
KU	C1SR	2511884	10/2017	10/28/2017	99.980	100.040	100.1	1
KU	C1SR	2511885	10/2017	10/28/2017	99.980	100.050	100.0	1
KU	C1SR	2511886	10/2017	10/28/2017	100.010	100.050	100.0	1
KU	C1SR	2511887	10/2017	10/28/2017	100.020	100.030	100.0	1
KU	C1SR	2511888	10/2017	10/28/2017	99.990	100.030	100.0	1
KU	C1SR	2511889	10/2017	10/28/2017	99.970	100.050	100.0	1
KU	C1SR	2511890	10/2017	10/28/2017	99.970	100.030	100.0	1
KU	C1SR	2511891	10/2017	10/28/2017	100.030	100.030	100.0	1
KU	C1SR	2511892	10/2017	10/28/2017	100.020	100.050	100.0	1
KU	C1SR	2511893	10/2017	10/28/2017	100.010	100.030	100.0	1
KU	C1SR	2511894	10/2017	10/28/2017	100.000	100.060	100.0	1
KU	C1SR	2511895	10/2017	10/28/2017	100.010	100.060	100.0	1
KU	C1SR	2511896	10/2017	10/28/2017	100.000	100.030	100.0	1
KU	C1SR	2511897	10/2017	10/28/2017	99.970	100.000	100.1	1
KU	C1SR	2511898	10/2017	10/28/2017	100.010	100.030	100.0	1
KU	C1SR	2511899	10/2017	10/28/2017	100.030	100.010	100.0	1
KU	C1SR	2511900	10/2017	10/28/2017	100.020	100.040	100.0	1
KU	C1SR	2511901	10/2017	10/28/2017	100.030	100.030	100.0	1
KU	C1SR	2511902	10/2017	10/28/2017	100.000	100.030	100.0	1
KU	C1SR	2511903	10/2017	10/28/2017	100.000	100.060	100.0	1
KU	C1SR	2511904	10/2017	10/28/2017	100.010	99.950	100.0	1

KU	C1SR	2511905	10/2017	10/28/2017	100.010	100.030	100.0	1
KU	C1SR	2511906	10/2017	10/28/2017	99.990	100.050	100.0	1
KU	C1SR	2511907	10/2017	10/28/2017	100.030	100.040	100.0	1
KU	C1SR	2511908	10/2017	10/28/2017	100.010	99.990	100.0	1
KU	C1SR	2511909	10/2017	10/28/2017	100.040	99.990	100.0	1
KU	C1SR	2511910	10/2017	10/28/2017	99.980	100.010	100.0	1
KU	C1SR	2511911	10/2017	10/28/2017	100.010	100.040	100.0	1
KU	C1SR	2511912	10/2017	10/28/2017	99.980	100.010	100.0	1
KU	C1SR	2511913	10/2017	10/28/2017	100.000	100.050	100.0	1
KU	C1SR	2511914	10/2017	10/28/2017	99.970	100.030	100.0	1
KU	C1SR	2511915	10/2017	10/28/2017	100.000	99.960	100.0	1
KU	C1SR	2511916	10/2017	10/28/2017	99.990	99.980	100.0	1
KU	C1SR	2511917	10/2017	10/28/2017	100.010	100.040	100.0	1
KU	C1SR	2511918	10/2017	10/28/2017	100.010	100.050	100.0	1
KU	C1SR	2511919	10/2017	10/28/2017	100.020	100.020	100.0	1
KU	C1SR	2511920	10/2017	10/28/2017	100.000	100.010	100.0	1
KU	C1SR	2511921	10/2017	10/28/2017	100.000	100.000	100.0	1
KU	C1SR	2511922	10/2017	10/28/2017	99.980	99.960	100.0	1
KU	C1SR	2511923	10/2017	10/28/2017	99.980	100.000	100.0	1
KU	C1SR	2511924	10/2017	10/28/2017	99.990	100.060	100.0	1
KU	C1SR	2511925	10/2017	10/28/2017	99.990	99.980	99.9	1
KU	C1SR	2511926	10/2017	10/28/2017	100.050	100.020	100.0	1
KU	C1SR	2511927	10/2017	10/28/2017	100.010	100.010	100.0	1
KU	C1SR	2511928	10/2017	10/28/2017	100.010	100.030	100.0	1
KU	C1SR	2511929	10/2017	10/28/2017	99.990	100.000	100.0	1
KU	C1SR	2511930	10/2017	10/28/2017	100.000	99.980	100.0	1
KU	C1SR	2511931	10/2017	10/28/2017	100.010	100.070	100.0	1
KU	C1SR	2511932	10/2017	10/28/2017	100.000	100.030	100.0	1
KU	C1SR	2511933	10/2017	10/28/2017	100.020	99.990	100.0	1
KU	C1SR	2511934	10/2017	10/28/2017	100.020	100.000	100.0	1
KU	C1SR	2511935	10/2017	10/28/2017	99.980	100.080	100.0	1
KU	C1SR	2511936	10/2017	10/28/2017	100.000	100.040	100.0	1
KU	C1SR	2511937	10/2017	10/28/2017	99.980	99.980	100.0	1
KU	C1SR	2511938	10/2017	10/28/2017	100.000	100.020	100.0	1
KU	C1SR	2511939	10/2017	10/28/2017	100.030	100.020	100.0	1
KU	C1SR	2511940	10/2017	10/28/2017	100.010	100.010	100.0	1
KU	C1SR	2511941	10/2017	10/28/2017	99.970	100.000	100.0	1
KU	C1SR	2511942	10/2017	10/28/2017	100.000	100.050	100.0	1
KU	C1SR	2511943	10/2017	10/28/2017	99.970	100.030	100.0	1
KU	C1SR	2511944	10/2017	10/28/2017	100.020	99.990	100.0	1
KU	C1SR	2511945	10/2017	10/28/2017	99.960	100.020	100.0	1
KU	C1SR	2511946	10/2017	10/28/2017	100.010	100.040	100.0	1



KU	C1SR	2511947	10/2017	10/28/2017	100.010	100.040	100.0	1
KU	C1SR	2511948	10/2017	10/28/2017	100.000	100.010	100.0	1
KU	C1SR	2511949	10/2017	10/28/2017	99.990	100.010	100.0	1
KU	C1SR	2511950	10/2017	10/28/2017	99.970	100.020	100.0	1
KU	C1SR	2511951	10/2017	10/28/2017	100.000	100.010	100.0	1
KU	C1SR	2511952	10/2017	10/28/2017	99.980	100.030	100.0	1
KU	C1SR	2511953	10/2017	10/28/2017	100.050	100.010	100.0	1
KU	C1SR	2511954	10/2017	10/28/2017	100.030	100.040	100.0	1
KU	C1SR	2511955	10/2017	10/28/2017	100.030	100.020	100.0	1
KU	C1SR	2511956	10/2017	10/28/2017	100.010	100.010	100.0	1
KU	C1SR	2511957	10/2017	10/28/2017	99.970	100.020	100.0	1
KU	C1SR	2511958	10/2017	10/28/2017	99.980	100.050	100.0	1
KU	C1SR	2511959	10/2017	10/28/2017	100.000	99.980	100.0	1
KU	C1SR	2511960	10/2017	10/28/2017	99.970	99.990	100.0	1
KU	C1SR	2511961	10/2017	10/28/2017	100.010	99.970	100.0	1
KU	C1SR	2511962	10/2017	10/28/2017	99.970	100.060	100.0	1
KU	C1SR	2511963	10/2017	10/28/2017	99.980	100.020	100.0	1
KU	C1SR	2511964	10/2017	10/28/2017	100.010	100.000	100.0	1
KU	C1SR	2511965	10/2017	10/28/2017	100.010	99.980	100.0	1
KU	C1SR	2511966	10/2017	10/28/2017	99.980	100.020	100.0	1
KU	C1SR	2511967	10/2017	10/28/2017	100.030	100.010	100.0	1
KU	C1SR	2511968	10/2017	10/28/2017	100.030	100.000	100.0	1
KU	C1SR	2511969	10/2017	10/28/2017	100.040	99.990	100.0	1
KU	C1SR	2511970	10/2017	10/28/2017	100.040	99.990	100.0	1
KU	C1SR	2511971	10/2017	10/28/2017	100.010	100.000	100.0	1
KU	C1SR	2511972	10/2017	10/28/2017	100.000	100.000	100.0	1
KU	C1SR	2511973	10/2017	10/28/2017	100.000	100.030	100.0	1
KU	C1SR	2511974	10/2017	10/28/2017	100.010	99.990	100.0	1
KU	C1SR	2511975	10/2017	10/28/2017	99.940	100.060	100.0	1
KU	C1SR	2511976	10/2017	10/28/2017	100.000	99.990	100.0	1
KU	C1SR	2511977	10/2017	10/28/2017	100.010	100.000	100.0	1
KU	C1SR	2511978	10/2017	10/28/2017	100.020	100.060	100.0	1
KU	C1SR	2511979	10/2017	10/28/2017	100.000	100.010	100.0	1
KU	C1SR	2511980	10/2017	10/28/2017	100.020	100.040	100.0	1
KU	C1SR	2511981	10/2017	10/28/2017	100.010	100.030	100.0	1
KU	C1SR	2511982	10/2017	10/28/2017	99.990	99.990	100.0	1
KU	C1SR	2511983	10/2017	10/28/2017	100.020	100.030	100.0	1
KU	C1SR	2511984	10/2017	10/28/2017	99.970	99.990	100.0	1
KU	C1SR	2511985	10/2017	10/28/2017	99.980	100.030	100.0	1
KU	C1SR	2511986	10/2017	10/28/2017	99.980	99.980	100.0	1
KU	C1SR	2511987	10/2017	10/28/2017	99.980	100.000	100.0	1
KU	C1SR	2511988	10/2017	10/28/2017	100.020	100.050	100.0	1

KU	C1SR	2511989	10/2017	10/28/2017	100.010	100.020	100.0	1
KU	C1SR	2511990	10/2017	10/28/2017	100.020	100.010	100.0	1
KU	C1SR	2511991	10/2017	10/28/2017	100.010	100.020	100.0	1
KU	C1SR	2511992	10/2017	10/28/2017	99.990	99.970	100.0	1
KU	C1SR	2511993	10/2017	10/28/2017	100.000	100.020	100.0	1
KU	C1SR	2511994	10/2017	10/28/2017	100.030	100.040	100.0	1
KU	C1SR	2511995	10/2017	10/28/2017	100.020	100.050	100.0	1
KU	C1SR	2511996	10/2017	10/28/2017	99.970	100.070	100.0	1
KU	C1SR	2511997	10/2017	10/28/2017	100.000	100.030	100.0	1
KU	C1SR	2511998	10/2017	10/28/2017	100.010	100.020	100.0	1
KU	C1SR	2511999	10/2017	10/28/2017	100.000	100.040	100.0	1
KU	C1SR	2512000	10/2017	10/28/2017	99.970	99.980	100.0	1
KU	C1SR	2512001	10/2017	10/28/2017	99.990	99.990	100.0	1
KU	C1SR	2512002	10/2017	10/28/2017	100.010	99.990	100.0	1
KU	C1SR	2512003	10/2017	10/28/2017	100.000	100.030	100.0	1
KU	C1SR	2512004	10/2017	10/28/2017	99.990	100.030	100.0	1
KU	C1SR	2512005	10/2017	10/28/2017	99.980	100.020	100.0	1
KU	C1SR	2512006	10/2017	10/28/2017	100.000	99.990	100.0	1
KU	C1SR	2512007	10/2017	10/28/2017	100.010	100.050	100.0	1
KU	C1SR	2512008	10/2017	10/28/2017	100.000	100.010	100.0	1
KU	C1SR	2512009	10/2017	10/28/2017	99.970	100.000	100.0	1
KU	C1SR	2512010	10/2017	10/28/2017	100.020	99.990	100.0	1
KU	C1SR	2512011	10/2017	10/28/2017	100.000	100.000	100.0	1
KU	C1SR	2512012	10/2017	10/28/2017	100.010	100.010	100.0	1
KU	C1SR	2512013	10/2017	10/28/2017	99.970	100.030	100.0	1
KU	C1SR	2512014	10/2017	10/28/2017	100.000	100.020	100.0	1
KU	C1SR	2512015	10/2017	10/28/2017	100.030	100.050	100.0	1
KU	C1SR	2512016	10/2017	10/28/2017	100.030	99.980	100.0	1
KU	C1SR	2512017	10/2017	10/28/2017	99.980	100.040	100.0	1
KU	C1SR	2512018	10/2017	10/28/2017	100.030	100.010	100.0	1
KU	C1SR	2512019	10/2017	10/28/2017	99.990	100.040	100.0	1
KU	C1SR	2512020	10/2017	10/28/2017	100.050	100.060	100.0	1
KU	C1SR	2512021	10/2017	10/28/2017	100.030	100.040	100.0	1
KU	C1SR	2512022	10/2017	10/28/2017	100.000	100.030	100.0	1
KU	C1SR	2512023	10/2017	10/28/2017	99.970	100.040	100.0	1
KU	C1SR	2512024	10/2017	10/28/2017	99.990	99.960	100.0	1
KU	C1SR	2512025	10/2017	10/28/2017	99.990	100.030	100.0	1
KU	C1SR	2512026	10/2017	10/28/2017	100.010	100.010	100.0	1
KU	C1SR	2512027	10/2017	10/28/2017	99.990	99.980	100.0	1
KU	C1SR	2512028	10/2017	10/28/2017	99.970	100.060	100.0	1
KU	C1SR	2512029	10/2017	10/28/2017	100.010	99.970	100.0	1
KU	C1SR	2512030	10/2017	10/28/2017	99.980	100.020	100.0	1

KU	C1SR	2512031	10/2017	10/28/2017	100.050	99.950	100.0	1
KU	C1SR	2512032	10/2017	10/28/2017	100.020	100.040	100.0	1
KU	C1SR	2512033	10/2017	10/28/2017	100.010	99.980	100.0	1
KU	C1SR	2512034	10/2017	10/28/2017	100.030	100.010	100.0	1
KU	C1SR	2512035	10/2017	10/28/2017	100.030	100.020	100.0	1
KU	C1SR	2512036	10/2017	10/28/2017	100.020	100.040	100.0	1
KU	C1SR	2512037	10/2017	10/28/2017	99.990	100.000	100.0	1
KU	C1SR	2512038	10/2017	10/28/2017	100.040	99.970	100.0	1
KU	C1SR	2512039	10/2017	10/28/2017	100.000	100.020	100.0	1
KU	C1SR	2512040	10/2017	10/28/2017	100.020	100.050	100.1	1
KU	C1SR	2512041	10/2017	10/28/2017	100.020	100.050	100.0	1
KU	C1SR	2512042	10/2017	10/28/2017	99.970	100.030	100.0	1
KU	C1SR	2512043	10/2017	10/28/2017	100.010	100.050	100.0	1
KU	C1SR	2512044	10/2017	10/28/2017	100.000	99.970	100.0	1
KU	C1SR	2512045	10/2017	10/28/2017	99.980	100.000	100.0	1
KU	C1SR	2512046	10/2017	10/28/2017	99.980	100.050	100.0	1
KU	C1SR	2512047	10/2017	10/28/2017	100.020	100.030	100.0	1
KU	C1SR	2512048	10/2017	10/28/2017	99.990	99.980	100.0	1
KU	C1SR	2512049	10/2017	10/28/2017	99.990	100.010	100.0	1
KU	C1SR	2512050	10/2017	10/28/2017	99.990	100.050	100.0	1
KU	C1SR	2512051	10/2017	10/28/2017	99.970	100.000	100.0	1
KU	C1SR	2512052	10/2017	10/28/2017	99.970	100.020	100.0	1
KU	C1SR	2512053	10/2017	10/28/2017	100.000	99.990	100.0	1
KU	C1SR	2512054	10/2017	10/28/2017	100.000	100.040	100.0	1
KU	C1SR	2512055	10/2017	10/28/2017	100.020	100.000	100.0	1
KU	C1SR	2512056	10/2017	10/28/2017	99.990	100.060	100.0	1
KU	C1SR	2512057	10/2017	10/28/2017	100.020	100.030	100.0	1
KU	C1SR	2512058	10/2017	10/28/2017	99.990	100.050	100.0	1
KU	C1SR	2512059	10/2017	10/28/2017	99.970	100.000	100.0	1
KU	C1SR	2512060	10/2017	10/28/2017	99.960	100.030	100.0	1
KU	C1SR	2512061	10/2017	10/28/2017	100.000	99.990	100.0	1
KU	C1SR	2512062	10/2017	10/28/2017	99.980	100.010	100.0	1
KU	C1SR	2512063	10/2017	10/28/2017	100.020	100.010	100.0	1
KU	C1SR	2512064	10/2017	10/28/2017	99.980	100.020	100.0	1
KU	C1SR	2512065	10/2017	10/28/2017	100.000	99.990	100.0	1
KU	C1SR	2512066	10/2017	10/28/2017	100.000	100.030	100.0	1
KU	C1SR	2512067	10/2017	10/28/2017	100.010	100.050	100.1	1
KU	C1SR	2512068	10/2017	10/28/2017	99.940	100.020	100.0	1
KU	C1SR	2512069	10/2017	10/28/2017	100.020	99.990	100.0	1
KU	C1SR	2512070	10/2017	10/28/2017	100.000	99.990	100.0	1
KU	C1SR	2512071	10/2017	10/28/2017	100.010	99.990	100.0	1
KU	C1SR	2512072	10/2017	10/28/2017	99.970	100.010	100.0	1

KU	C1SR	2512073	10/2017	10/28/2017	100.040	100.020	100.0	1
KU	C1SR	2512074	10/2017	10/28/2017	100.000	99.990	100.0	1
KU	C1SR	2512075	10/2017	10/28/2017	100.020	100.000	100.0	1
KU	C1SR	2512076	10/2017	10/28/2017	100.010	99.970	100.0	1
KU	C1SR	2512077	10/2017	10/28/2017	100.020	100.040	100.0	1
KU	C1SR	2512078	10/2017	10/28/2017	100.000	100.030	100.0	1
KU	C1SR	2512079	10/2017	10/28/2017	100.010	99.950	100.0	1
KU	C1SR	2512080	10/2017	10/28/2017	100.020	100.060	100.0	1
KU	C1SR	2512081	10/2017	10/28/2017	100.000	100.000	100.0	1
KU	C1SR	2512082	10/2017	10/28/2017	99.990	99.990	100.0	1
KU	C1SR	2512083	10/2017	10/28/2017	100.020	100.030	100.0	1
KU	C1SR	2512084	10/2017	10/28/2017	100.010	100.030	100.0	1
KU	C1SR	2512085	10/2017	10/28/2017	100.030	99.970	100.0	1
KU	C1SR	2512086	10/2017	10/28/2017	100.000	100.010	100.0	1
KU	C1SR	2512087	10/2017	10/28/2017	100.020	99.990	100.0	1
KU	C1SR	2512088	10/2017	10/28/2017	100.020	100.010	100.0	1
KU	C1SR	2512089	10/2017	10/28/2017	100.030	99.980	100.0	1
KU	C1SR	2512090	10/2017	10/28/2017	99.990	99.990	100.0	1
KU	C1SR	2512091	10/2017	10/28/2017	100.000	100.020	100.0	1
KU	C1SR	2512092	10/2017	10/28/2017	100.020	99.980	100.0	1
KU	C1SR	2512093	10/2017	10/28/2017	100.000	100.050	100.0	1
KU	C1SR	2512094	10/2017	10/28/2017	100.030	100.050	100.0	1
KU	C1SR	2512095	10/2017	10/28/2017	100.010	100.020	100.0	1
KU	C1SR	2512096	10/2017	10/28/2017	100.030	100.030	100.0	1
KU	C1SR	2512097	10/2017	10/28/2017	100.010	100.000	100.0	1
KU	C1SR	2512098	10/2017	10/28/2017	100.010	100.040	100.0	1
KU	C1SR	2512099	10/2017	10/28/2017	100.000	100.020	100.0	1
KU	C1SR	2512100	10/2017	10/28/2017	100.030	100.050	100.1	1
KU	C1SR	2512101	10/2017	10/28/2017	99.990	99.980	100.0	1
KU	C1SR	2512102	10/2017	10/28/2017	100.010	99.980	99.9	1
KU	C1SR	2512103	10/2017	10/28/2017	100.000	99.990	100.0	1
KU	C1SR	2512104	10/2017	10/28/2017	99.960	100.000	100.0	1
KU	C1SR	2512105	10/2017	10/28/2017	99.980	100.010	100.0	1
KU	C1SR	2512106	10/2017	10/28/2017	100.050	100.010	100.0	1
KU	C1SR	2512107	10/2017	10/28/2017	100.000	100.010	100.0	1
KU	C1SR	2512108	10/2017	10/28/2017	100.000	100.010	100.0	1
KU	C1SR	2512109	10/2017	10/28/2017	100.000	100.040	100.0	1
KU	C1SR	2512110	10/2017	10/28/2017	100.000	100.030	100.0	1
KU	C1SR	2512111	10/2017	10/28/2017	99.970	100.010	100.0	1
KU	C1SR	2512112	10/2017	10/28/2017	100.010	100.060	100.0	1
KU	C1SR	2512113	10/2017	10/28/2017	100.010	99.970	100.0	1
KU	C1SR	2512114	10/2017	10/28/2017	99.990	100.010	100.0	1

KU	C1SR	2512115	10/2017	10/28/2017	100.030	100.020	100.0	1
KU	C1SR	2512116	10/2017	10/28/2017	100.000	99.940	100.0	1
KU	C1SR	2512117	10/2017	10/28/2017	100.010	99.990	100.0	1
KU	C1SR	2512118	10/2017	10/28/2017	100.040	100.010	100.0	1
KU	C1SR	2512119	10/2017	10/28/2017	100.020	99.970	100.0	1
KU	C1SR	2512120	10/2017	10/28/2017	100.020	99.990	100.0	1
KU	C1SR	2512121	10/2017	10/28/2017	100.010	100.010	100.0	1
KU	C1SR	2512122	10/2017	10/28/2017	100.000	100.000	100.0	1
KU	C1SR	2512123	10/2017	10/28/2017	100.020	99.970	100.0	1
KU	C1SR	2512124	10/2017	10/28/2017	100.010	100.030	100.0	1
KU	C1SR	2512125	10/2017	10/28/2017	100.020	100.000	100.0	1
KU	C1SR	2512126	10/2017	10/28/2017	100.040	99.970	100.0	1
KU	C1SR	2512127	10/2017	10/28/2017	99.990	99.990	100.0	1
KU	C1SR	2512128	10/2017	10/28/2017	100.010	99.950	100.0	1
KU	C1SR	2512129	10/2017	10/28/2017	99.980	100.030	100.0	1
KU	C1SR	2512130	10/2017	10/28/2017	99.960	99.980	100.0	1
KU	C1SR	2512131	10/2017	10/28/2017	100.030	99.980	100.0	1
KU	C1SR	2512132	10/2017	10/28/2017	99.980	99.960	99.9	1
KU	C1SR	2512133	10/2017	10/28/2017	99.980	99.990	100.0	1
KU	C1SR	2512134	10/2017	10/28/2017	100.020	100.020	100.0	1
KU	C1SR	2512135	10/2017	10/28/2017	100.000	99.990	100.0	1
KU	C1SR	2512136	10/2017	10/28/2017	99.960	99.990	100.0	1
KU	C1SR	2512137	10/2017	10/28/2017	99.980	100.000	100.0	1
KU	C1SR	2512138	10/2017	10/28/2017	100.030	100.030	100.0	1
KU	C1SR	2512139	10/2017	10/28/2017	100.030	100.030	100.0	1
KU	C1SR	2512140	10/2017	10/28/2017	100.000	99.980	100.0	1
KU	C1SR	2512141	10/2017	10/28/2017	100.000	99.960	100.0	1
KU	C1SR	2512142	10/2017	10/28/2017	100.040	99.990	100.0	1
KU	C1SR	2512143	10/2017	10/28/2017	99.970	100.010	100.0	1
KU	C1SR	2512144	10/2017	10/28/2017	99.980	100.020	100.0	1
KU	C1SR	2512145	10/2017	10/28/2017	100.000	99.970	100.0	1
KU	C1SR	2512146	10/2017	10/28/2017	100.010	99.970	99.9	1
KU	C1SR	2512147	10/2017	10/28/2017	99.980	99.990	100.0	1
KU	C1SR	2512148	10/2017	10/28/2017	99.990	100.000	100.0	1
KU	C1SR	2512149	10/2017	10/28/2017	100.050	100.000	100.0	1
KU	C1SR	2512150	10/2017	10/28/2017	99.990	99.970	100.0	1
KU	C1SR	2512151	10/2017	10/28/2017	100.010	99.990	100.0	1
KU	C1SR	2512152	10/2017	10/28/2017	99.990	99.970	100.0	1
KU	C1SR	2512153	10/2017	10/28/2017	100.030	99.960	100.0	1
KU	C1SR	2512154	10/2017	10/28/2017	99.990	99.990	100.0	1
KU	C1SR	2512155	10/2017	10/28/2017	100.000	100.000	100.0	1
KU	C1SR	2512156	10/2017	10/28/2017	100.000	99.970	100.0	1

KU	C1SR	2512157	10/2017	10/28/2017	99.980	100.010	100.0	1
KU	C1SR	2512158	10/2017	10/28/2017	99.970	99.990	100.1	1
KU	C1SR	2512159	10/2017	10/28/2017	100.010	100.000	100.0	1
KU	C1SR	2512160	10/2017	10/28/2017	99.990	99.980	100.0	1
KU	C1SR	2512161	10/2017	10/28/2017	99.980	99.990	100.0	1
KU	C1SR	2512162	10/2017	10/28/2017	99.990	99.990	100.0	1
KU	C1SR	2512163	10/2017	10/28/2017	100.010	100.030	100.1	1
KU	C1SR	2512164	10/2017	10/28/2017	99.990	100.000	100.0	1
KU	C1SR	2512165	10/2017	10/28/2017	99.990	99.960	100.0	1
KU	C1SR	2512166	10/2017	10/28/2017	100.050	99.970	100.0	1
KU	C1SR	2512167	10/2017	10/28/2017	100.000	99.980	100.0	1
KU	C1SR	2512168	10/2017	10/28/2017	99.980	99.960	100.0	1
KU	C1SR	2512169	10/2017	10/28/2017	100.000	100.000	100.0	1
KU	C1SR	2512170	10/2017	10/28/2017	100.020	99.990	100.0	1
KU	C1SR	2512171	10/2017	10/28/2017	100.010	100.010	100.0	1
KU	C1SR	2512172	10/2017	10/28/2017	100.000	99.960	99.9	1
KU	C1SR	2512173	10/2017	10/28/2017	100.010	100.020	100.1	1
KU	C1SR	2512174	10/2017	10/28/2017	100.000	99.980	100.0	1
KU	C1SR	2512175	10/2017	10/28/2017	100.020	99.980	100.0	1
KU	C1SR	2512176	10/2017	10/28/2017	99.990	99.970	100.0	1
KU	C1SR	2512177	10/2017	10/28/2017	99.970	100.010	100.0	1
KU	C1SR	2512178	10/2017	10/28/2017	100.010	100.020	100.0	1
KU	C1SR	2512179	10/2017	10/28/2017	100.010	99.990	100.0	1
KU	C1SR	2512180	10/2017	10/28/2017	99.990	99.990	100.0	1
KU	C1SR	2512181	10/2017	10/28/2017	99.990	100.010	100.0	1
KU	C1SR	2512182	10/2017	10/28/2017	99.990	99.970	100.0	1
KU	C1SR	2512183	10/2017	10/28/2017	100.050	99.960	100.0	1
KU	C1SR	2512184	10/2017	10/28/2017	99.990	99.970	100.0	1
KU	C1SR	2512185	10/2017	10/28/2017	100.000	99.990	100.0	1
KU	C1SR	2512186	10/2017	10/28/2017	99.990	100.000	100.0	1
KU	C1SR	2512187	10/2017	10/28/2017	99.970	99.970	100.0	1
KU	C1SR	2512188	10/2017	10/28/2017	100.020	100.000	100.0	1
KU	C1SR	2512189	10/2017	10/28/2017	99.990	99.980	100.0	1
KU	C1SR	2512190	10/2017	10/28/2017	100.030	100.030	100.0	1
KU	C1SR	2512191	10/2017	10/28/2017	99.980	100.000	100.0	1
KU	C1SR	2512192	10/2017	10/28/2017	100.000	99.990	100.0	1
KU	C1SR	2512193	10/2017	10/28/2017	99.980	99.970	100.0	1
KU	C1SR	2512194	10/2017	10/28/2017	100.030	99.970	99.9	1
KU	C1SR	2512195	10/2017	10/28/2017	100.010	99.980	100.0	1
KU	C1SR	2512196	10/2017	10/28/2017	99.960	99.970	100.0	1
KU	C1SR	2512197	10/2017	10/28/2017	100.000	100.000	100.0	1
KU	C1SR	2512198	10/2017	10/28/2017	100.010	100.050	100.0	1

KU	C1SR	2512199	10/2017	10/28/2017	100.010	100.070	100.0	1
KU	C1SR	2512200	10/2017	10/28/2017	100.020	100.040	100.0	1
KU	C1SR	2512201	10/2017	10/28/2017	100.020	100.050	100.1	1
KU	C1SR	2512202	10/2017	10/28/2017	100.040	100.030	100.0	1
KU	C1SR	2512203	10/2017	10/28/2017	100.000	100.010	100.0	1
KU	C1SR	2512204	10/2017	10/28/2017	99.970	99.960	99.9	1
KU	C1SR	2512205	10/2017	10/28/2017	100.020	100.000	100.0	1
KU	C1SR	2512206	10/2017	10/28/2017	100.030	100.040	100.0	1
KU	C1SR	2512207	10/2017	10/28/2017	99.990	99.970	100.0	1
KU	C1SR	2512208	10/2017	10/28/2017	99.990	99.970	100.0	1
KU	C1SR	2512209	10/2017	10/28/2017	100.040	99.970	100.0	1
KU	C1SR	2512210	10/2017	10/28/2017	100.010	100.020	100.0	1
KU	C1SR	2512211	10/2017	10/28/2017	99.970	99.960	100.0	1
KU	C1SR	2512212	10/2017	10/28/2017	100.050	100.040	100.0	1
KU	C1SR	2512213	10/2017	10/28/2017	100.000	100.000	100.0	1
KU	C1SR	2512214	10/2017	10/28/2017	99.990	99.950	100.0	1
KU	C1SR	2512215	10/2017	10/28/2017	99.970	99.970	100.0	1
KU	C1SR	2512216	10/2017	10/28/2017	99.990	100.010	100.0	1
KU	C1SR	2512217	10/2017	10/28/2017	100.040	99.960	100.0	1
KU	C1SR	2512218	10/2017	10/28/2017	99.970	99.990	100.0	1
KU	C1SR	2512219	10/2017	10/28/2017	99.980	99.950	100.0	1
KU	C1SR	2512220	10/2017	10/28/2017	99.990	99.980	100.0	1
KU	C1SR	2512221	10/2017	10/28/2017	99.990	100.020	100.0	1
KU	C1SR	2512222	10/2017	10/28/2017	100.010	99.970	100.0	1
KU	C2SOS	2403372	11/2017	10/31/2017	100.030	99.990	100.0	1
KU	C2SOS	2403373	11/2017	10/31/2017	100.030	100.070	100.0	1
KU	C2SOS	2403374	11/2017	10/31/2017	100.040	100.040	100.0	1
KU	C2SOS	2403375	11/2017	10/31/2017	100.030	100.050	100.0	1
KU	C2SOS	2403376	11/2017	10/31/2017	100.020	100.040	100.0	1
KU	C2SOS	2403377	11/2017	10/31/2017	100.030	100.050	100.0	1
KU	C2SOS	2403378	11/2017	10/31/2017	100.040	100.020	100.0	1
KU	C2SOS	2403379	11/2017	10/31/2017	100.030	100.060	100.0	1
KU	C2SOS	2403380	11/2017	10/31/2017	100.030	100.050	100.0	1
KU	C2SOS	2403381	11/2017	10/31/2017	100.030	100.010	100.0	1
KU	C2SOS	2403382	11/2017	10/31/2017	100.020	100.020	100.0	1
KU	C2SOS	2403383	11/2017	10/31/2017	100.030	100.050	100.0	1
KU	C2SOS	2403384	11/2017	10/31/2017	100.030	100.070	100.0	1
KU	C2SOS	2403385	11/2017	10/31/2017	100.030	100.060	100.0	1
KU	C2SOS	2403386	11/2017	10/31/2017	100.030	100.010	100.0	1
KU	C2SOS	2403387	11/2017	10/31/2017	100.030	100.120	100.0	1
KU	C2SOS	2403388	11/2017	10/31/2017	100.020	100.060	100.1	1
KU	C2SOS	2403389	11/2017	10/31/2017	100.040	100.060	100.0	1

KU	C2SOS	2403390	11/2017	10/31/2017	100.050	100.040	100.0	1
KU	C2SOS	2403391	11/2017	10/31/2017	100.030	100.040	100.0	1
KU	C2SOS	2403392	11/2017	10/31/2017	100.030	100.060	100.0	1
KU	C2SOS	2403393	11/2017	10/31/2017	100.040	100.030	100.0	1
KU	C2SOS	2403394	11/2017	10/31/2017	100.020	100.050	100.0	1
KU	C2SOS	2403395	11/2017	10/31/2017	100.030	100.040	100.0	1
KU	C2SOS	2403396	11/2017	10/31/2017	100.010	100.040	100.0	1
KU	C2SOS	2403397	11/2017	10/31/2017	100.020	99.990	100.0	1
KU	C2SOS	2403398	11/2017	10/31/2017	100.030	100.010	100.0	1
KU	C2SOS	2403399	11/2017	10/31/2017	100.030	100.040	100.0	1
KU	C2SOS	2403400	11/2017	10/31/2017	100.040	100.050	100.0	1
KU	C2SOS	2403401	11/2017	10/31/2017	100.030	100.050	100.0	1
KU	C2SOS	2403402	11/2017	10/31/2017	100.030	100.030	100.0	1
KU	C2SOS	2403403	11/2017	10/31/2017	100.030	100.000	100.0	1
KU	C2SOS	2403404	11/2017	10/31/2017	100.030	100.050	100.0	1
KU	C2SOS	2403405	11/2017	10/31/2017	100.030	100.040	100.0	1
KU	C2SOS	2403406	11/2017	10/31/2017	100.020	99.990	100.0	1
KU	C2SOS	2403407	11/2017	10/31/2017	100.030	100.040	100.0	1
KU	C2SOS	2403408	11/2017	10/31/2017	100.020	100.020	100.0	1
KU	C2SOS	2403409	11/2017	10/31/2017	100.030	100.020	100.0	1
KU	C2SOS	2403410	11/2017	10/31/2017	100.050	100.060	100.0	1
KU	C2SOS	2403411	11/2017	10/31/2017	100.020	100.060	100.0	1
KU	C2SOS	2403412	11/2017	10/31/2017	100.030	100.010	100.0	1
KU	C2SOS	2403413	11/2017	10/31/2017	100.020	100.040	100.0	1
KU	C2SOS	2403414	11/2017	10/31/2017	100.030	100.060	100.0	1
KU	C2SOS	2403415	11/2017	10/31/2017	100.030	100.000	100.0	1
KU	C2SOS	2403416	11/2017	10/31/2017	100.030	100.020	100.0	1
KU	C2SOS	2403417	11/2017	10/31/2017	100.030	100.060	100.0	1
KU	C2SOS	2403418	11/2017	10/31/2017	100.020	100.040	100.0	1
KU	C2SOS	2403419	11/2017	10/31/2017	100.040	100.070	100.0	1
KU	C2SOS	2403420	11/2017	10/31/2017	100.030	100.040	100.0	1
KU	C2SOS	2403421	11/2017	10/31/2017	100.020	100.030	100.0	1
KU	C2SOS	2403422	11/2017	10/31/2017	100.030	100.010	100.0	1
KU	C2SOS	2403423	11/2017	10/31/2017	100.030	100.050	100.0	1
KU	C2SOS	2403424	11/2017	10/31/2017	100.030	100.010	100.0	1
KU	C2SOS	2403425	11/2017	10/31/2017	100.030	100.040	100.0	1
KU	C2SOS	2403426	11/2017	10/31/2017	100.020	100.020	100.0	1
KU	C2SOS	2403427	11/2017	10/31/2017	100.030	100.010	100.0	1
KU	C2SOS	2403428	11/2017	10/31/2017	100.020	99.980	100.0	1
KU	C2SOS	2403429	11/2017	10/31/2017	100.030	99.970	100.0	1
KU	C2SOS	2403430	11/2017	10/31/2017	100.020	100.000	100.0	1
KU	C2SOS	2403431	11/2017	10/31/2017	100.040	100.050	100.0	1



KU	C2SOS	2403432	11/2017	10/31/2017	100.040	100.030	100.0	1
KU	C2SOS	2403433	11/2017	10/31/2017	100.040	100.070	100.0	1
KU	C2SOS	2403434	11/2017	10/31/2017	100.050	100.060	100.0	1
KU	C2SOS	2403435	11/2017	10/31/2017	100.030	100.060	100.0	1
KU	C2SOS	2403436	11/2017	10/31/2017	100.040	100.060	100.0	1
KU	C2SOS	2403437	11/2017	10/31/2017	100.030	99.980	100.0	1
KU	C2SOS	2403438	11/2017	10/31/2017	100.030	100.020	100.0	1
KU	C2SOS	2403439	11/2017	10/31/2017	100.030	100.060	100.0	1
KU	C2SOS	2403440	11/2017	10/31/2017	100.030	99.990	100.0	1
KU	C2SOS	2403441	11/2017	10/31/2017	100.030	99.990	100.0	1
KU	C2SOS	2403442	11/2017	10/31/2017	100.010	100.030	100.0	1
KU	C2SOS	2403443	11/2017	10/31/2017	100.020	100.020	100.0	1
KU	C2SOS	2403444	11/2017	10/31/2017	100.020	100.040	100.0	1
KU	C2SOS	2403445	11/2017	10/31/2017	100.030	100.000	100.0	1
KU	C2SOS	2403446	11/2017	10/31/2017	100.030	100.080	100.0	1
KU	C2SOS	2403447	11/2017	10/31/2017	100.030	100.020	100.0	1
KU	C2SOS	2403448	11/2017	10/31/2017	100.030	100.000	100.0	1
KU	C2SOS	2403449	11/2017	10/31/2017	100.030	100.090	100.0	1
KU	C2SOS	2403450	11/2017	10/31/2017	100.040	100.060	100.0	1
KU	C2SOS	2403451	11/2017	10/31/2017	100.020	99.960	100.0	1
KU	C2SOS	2403452	11/2017	10/31/2017	100.030	100.010	100.0	1
KU	C2SOS	2403453	11/2017	10/31/2017	100.020	99.970	100.0	1
KU	C2SOS	2403454	11/2017	10/31/2017	100.030	100.030	100.0	1
KU	C2SOS	2403455	11/2017	10/31/2017	100.030	100.040	100.0	1
KU	C2SOS	2403456	11/2017	10/31/2017	100.030	100.060	100.0	1
KU	C2SOS	2403457	11/2017	10/31/2017	100.030	100.020	100.0	1
KU	C2SOS	2403458	11/2017	10/31/2017	100.040	100.030	100.0	1
KU	C2SOS	2403459	11/2017	10/31/2017	100.040	100.090	100.1	1
KU	C2SOS	2403460	11/2017	10/31/2017	100.020	100.050	100.1	1
KU	C2SOS	2403461	11/2017	10/31/2017	100.030	100.040	100.0	1
KU	C2SOS	2403462	11/2017	10/31/2017	100.040	100.100	100.1	1
KU	C2SOS	2403463	11/2017	10/31/2017	100.020	100.020	100.0	1
KU	C2SOS	2403464	11/2017	10/31/2017	100.020	100.020	100.0	1
KU	C2SOS	2403465	11/2017	10/31/2017	100.030	100.000	100.0	1
KU	C2SOS	2403466	11/2017	10/31/2017	100.040	100.020	100.0	1
KU	C2SOS	2403467	11/2017	10/31/2017	100.020	100.050	100.0	1
KU	C2SOS	2403468	11/2017	11/01/2017	100.030	100.060	100.0	1
KU	C2SOS	2403469	11/2017	11/01/2017	100.030	100.060	100.0	1
KU	C2SOS	2403470	11/2017	11/01/2017	100.020	100.030	100.0	1
KU	C2SOS	2403471	11/2017	11/01/2017	100.030	100.010	100.0	1
KU	C2SOS	2403472	11/2017	11/01/2017	100.050	100.010	100.0	1
KU	C2SOS	2403473	11/2017	11/01/2017	100.020	100.010	100.0	1

KU	C2SOS	2403474	11/2017	11/01/2017	100.030	100.030	100.0	1
KU	C2SOS	2403475	11/2017	11/01/2017	100.030	100.060	100.1	1
KU	C2SOS	2403476	11/2017	11/01/2017	100.040	100.130	100.1	1
KU	C2SOS	2403477	11/2017	11/01/2017	100.030	100.030	100.0	1
KU	C2SOS	2403478	11/2017	11/01/2017	100.010	99.910	100.0	1
KU	C2SOS	2403479	11/2017	11/01/2017	100.030	99.970	100.1	1
KU	C2SOS	2403480	11/2017	11/01/2017	100.030	99.960	100.0	1
KU	C2SOS	2403481	11/2017	11/01/2017	100.040	100.020	100.0	1
KU	C2SOS	2403482	11/2017	11/01/2017	100.030	100.030	100.0	1
KU	C2SOS	2403483	11/2017	11/01/2017	100.020	100.010	100.0	1
KU	C2SOS	2403484	11/2017	11/01/2017	100.030	100.030	100.0	1
KU	C2SOS	2403485	11/2017	11/01/2017	100.040	100.030	100.0	1
KU	C2SOS	2403486	11/2017	11/01/2017	100.020	100.100	100.0	1
KU	C2SOS	2403487	11/2017	11/01/2017	100.020	100.010	100.0	1
KU	C2SOS	2403488	11/2017	11/01/2017	100.030	100.040	100.0	1
KU	C2SOS	2403489	11/2017	11/01/2017	100.030	99.990	100.0	1
KU	C2SOS	2403490	11/2017	11/01/2017	100.030	100.070	100.0	1
KU	C2SOS	2403491	11/2017	11/01/2017	100.030	100.010	100.0	1
KU	C2SOS	2403492	11/2017	11/01/2017	100.020	100.030	100.0	1
KU	C2SOS	2403493	11/2017	11/01/2017	100.020	100.090	100.1	1
KU	C2SOS	2403494	11/2017	11/01/2017	100.020	100.010	100.0	1
KU	C2SOS	2403495	11/2017	11/01/2017	100.030	100.040	100.0	1
KU	C2SOS	2403496	11/2017	11/01/2017	100.020	99.980	100.0	1
KU	C2SOS	2403497	11/2017	11/01/2017	100.040	100.060	100.0	1
KU	C2SOS	2403498	11/2017	11/01/2017	100.040	100.050	100.0	1
KU	C2SOS	2403499	11/2017	11/01/2017	100.030	100.060	100.0	1
KU	C2SOS	2403500	11/2017	11/01/2017	100.030	100.070	100.0	1
KU	C2SOS	2403501	11/2017	11/01/2017	100.030	100.060	100.0	1
KU	C2SOS	2403502	11/2017	11/01/2017	100.020	99.950	100.0	1
KU	C2SOS	2403503	11/2017	11/01/2017	100.030	99.970	100.0	1
KU	C2SOS	2403504	11/2017	11/01/2017	100.030	100.040	100.0	1
KU	C2SOS	2403505	11/2017	11/01/2017	100.030	99.970	100.0	1
KU	C2SOS	2403506	11/2017	11/01/2017	100.040	100.000	100.0	1
KU	C2SOS	2403507	11/2017	11/01/2017	100.020	99.980	100.0	1
KU	C2SOS	2403508	11/2017	11/01/2017	100.030	100.010	100.0	1
KU	C2SOS	2403509	11/2017	11/01/2017	100.020	99.940	100.0	1
KU	C2SOS	2403510	11/2017	11/01/2017	100.030	100.030	100.0	1
KU	C2SOS	2403511	11/2017	11/01/2017	100.020	100.010	100.0	1
KU	C2SOS	2403512	11/2017	11/01/2017	100.030	100.040	100.0	1
KU	C2SOS	2403513	11/2017	11/01/2017	100.030	99.940	100.0	1
KU	C2SOS	2403514	11/2017	11/01/2017	100.040	99.950	100.0	1
KU	C2SOS	2403515	11/2017	11/01/2017	100.020	100.050	100.0	1

KU	C2SOS	2403516	11/2017	11/01/2017	100.020	99.960	100.1	1
KU	C2SOS	2403517	11/2017	11/01/2017	100.030	99.940	100.0	1
KU	C2SOS	2403518	11/2017	11/01/2017	100.030	99.990	100.0	1
KU	C2SOS	2403519	11/2017	11/01/2017	100.040	100.090	100.1	1
KU	C2SOS	2403520	11/2017	11/01/2017	100.030	100.010	100.0	1
KU	C2SOS	2403521	11/2017	11/01/2017	100.030	100.050	100.0	1
KU	C2SOS	2403522	11/2017	11/01/2017	100.020	100.030	100.0	1
KU	C2SOS	2403523	11/2017	11/01/2017	100.030	100.020	100.0	1
KU	C2SOS	2403524	11/2017	11/01/2017	100.020	100.010	100.0	1
KU	C2SOS	2403525	11/2017	11/01/2017	100.010	100.020	100.0	1
KU	C2SOS	2403526	11/2017	11/01/2017	100.040	100.070	100.1	1
KU	C2SOS	2403527	11/2017	11/01/2017	100.020	99.880	100.0	1
KU	C2SOS	2403528	11/2017	11/01/2017	100.030	100.000	100.0	1
KU	C2SOS	2403529	11/2017	11/01/2017	100.020	99.860	100.0	1
KU	C2SOS	2403530	11/2017	11/01/2017	100.040	100.010	100.0	1
KU	C2SOS	2403531	11/2017	11/01/2017	100.030	100.030	100.0	1
KU	C2SOS	2403532	11/2017	11/01/2017	100.020	100.050	100.0	1
KU	C2SOS	2403533	11/2017	11/01/2017	100.030	100.030	100.0	1
KU	C2SOS	2403534	11/2017	11/01/2017	100.020	100.060	100.0	1
KU	C2SOS	2403535	11/2017	11/01/2017	100.030	100.000	100.0	1
KU	C2SOS	2403536	11/2017	11/01/2017	100.020	100.040	100.0	1
KU	C2SOS	2403537	11/2017	11/01/2017	100.030	100.000	100.0	1
KU	C2SOS	2403538	11/2017	11/01/2017	100.030	100.050	100.1	1
KU	C2SOS	2403539	11/2017	11/01/2017	100.020	99.970	100.0	1
KU	C2SOS	2403540	11/2017	11/01/2017	100.030	100.030	100.1	1
KU	C2SOS	2403541	11/2017	11/01/2017	100.030	99.960	100.0	1
KU	C2SOS	2403542	11/2017	11/01/2017	100.030	99.950	100.0	1
KU	C2SOS	2403543	11/2017	11/01/2017	100.030	100.080	100.0	1
KU	C2SOS	2403544	11/2017	11/01/2017	100.040	100.130	100.1	1
KU	C2SOS	2403545	11/2017	11/01/2017	100.030	100.150	100.1	1
KU	C2SOS	2403546	11/2017	11/01/2017	100.040	100.060	100.0	1
KU	C2SOS	2403547	11/2017	11/01/2017	100.050	100.070	100.0	1
KU	C2SOS	2403548	11/2017	11/01/2017	100.020	100.040	100.0	1
KU	C2SOS	2403549	11/2017	11/01/2017	100.050	100.060	100.1	1
KU	C2SOS	2403550	11/2017	11/01/2017	100.040	99.990	100.0	1
KU	C2SOS	2403551	11/2017	11/01/2017	100.040	100.080	100.1	1
KU	C2SOS	2403552	11/2017	11/01/2017	100.040	100.030	100.0	1
KU	C2SOS	2403553	11/2017	11/01/2017	100.030	100.040	100.0	1
KU	C2SOS	2403554	11/2017	11/01/2017	100.030	100.030	100.0	1
KU	C2SOS	2403555	11/2017	11/01/2017	100.020	100.000	100.0	1
KU	C2SOS	2403556	11/2017	11/01/2017	100.030	100.020	100.0	1
KU	C2SOS	2403557	11/2017	11/01/2017	100.020	99.920	100.1	1

KU	C2SOS	2403558	11/2017	11/01/2017	100.030	99.950	100.0	1
KU	C2SOS	2403559	11/2017	11/01/2017	100.030	99.960	100.0	1
KU	C2SOS	2403560	11/2017	11/01/2017	100.020	100.030	100.1	1
KU	C2SOS	2403561	11/2017	11/01/2017	100.030	99.920	100.0	1
KU	C2SOS	2403562	11/2017	11/01/2017	100.040	100.060	100.0	1
KU	C2SOS	2403563	11/2017	11/01/2017	100.030	100.060	100.0	1
KU	C2SOS	2403566	11/2017	11/01/2017	100.030	100.070	100.0	1
KU	C2SOS	2403567	11/2017	11/01/2017	100.030	100.080	100.1	1
KU	C2SOS	2403568	11/2017	11/01/2017	100.040	100.080	100.0	1
KU	C2SOS	2403569	11/2017	11/01/2017	100.030	100.000	100.0	1
KU	C2SOS	2403570	11/2017	11/01/2017	100.030	100.050	100.0	1
KU	C2SOS	2403571	11/2017	11/01/2017	100.020	100.070	100.0	1
KU	C2SOS	2403573	11/2017	11/01/2017	100.030	100.010	100.0	1
KU	C2SOS	2403576	11/2017	11/01/2017	100.030	100.060	100.1	1
KU	C2SOS	2403577	11/2017	11/01/2017	100.030	100.080	100.1	1
KU	C2SOS	2403578	11/2017	11/01/2017	100.030	100.050	100.0	1
KU	C2SOS	2403579	11/2017	11/01/2017	100.030	100.040	100.0	1
KU	C2SOS	2403580	11/2017	11/01/2017	100.030	100.150	100.1	1
KU	C2SOS	2403581	11/2017	11/01/2017	100.040	100.000	100.0	1
KU	C2SOS	2403582	11/2017	11/01/2017	100.040	100.120	100.1	1
KU	C2SOS	2403583	11/2017	11/01/2017	100.040	100.010	100.1	1
KU	C2SOS	2403584	11/2017	11/01/2017	100.030	100.060	100.0	1
KU	C2SOS	2403585	11/2017	11/01/2017	100.040	100.020	100.0	1
KU	C2SOS D	2403564	11/2017	11/01/2017	100.030	99.960	100.0	1
KU	C2SOS D	2403565	11/2017	11/01/2017	100.040	100.100	100.1	1
KU	C2SOS D	2403572	11/2017	11/01/2017	100.030	100.030	100.0	1
KU	C2SOS D	2403574	11/2017	11/01/2017	100.040	100.050	100.0	1
KU	C2SOS D	2403575	11/2017	11/01/2017	100.030	100.020	100.0	1
Overall Result								10,430

ATTACHMENT  
B

Sampling Test Results

**KU**  
**2017 SAMPLE**  
**ELECTRIC METER SUMMARY**

**SAMPLE**

In-Service Population	499,491	Divided into 63 Lots
Sample Quantity	4,250	
Meters Tested	4,250	
Meters Not Tested	0	
Failed Lots	0	
Failed Lot Meters	0	

Kentucky Utilities

2017 Sample Test Program ( 01/01/2017 ) to ( 12/31/2017 )

Device Category: F2S240V30AC200      Model Number: ABL      Division: 01      Sample Lot: 2289      Lot Descr: KU      ABL  
 In Service Population: 4,816      Sample Quantity: 75      Meters Tested: 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 "E" # Normal Inspection

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 Run Date: 01/05/2018  
 Run Time: 11:28:09 AM

Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy
C333162	100.40	C333211	100.00	C333272	100.10	C333285	100.10	C333316	99.00
C334749	100.30	C334780	99.70	C335011	100.10	C344907	100.00	C408469	100.40
C408522	100.40	C408546	99.10	C408729	100.40	C408890	100.40	C409047	100.40
C409066	99.50	C409165	100.20	C409248	100.90	C409348	100.30	C409369	99.90
C409403	100.30	C409462	99.10	C409485	100.10	C409510	100.90	C409683	99.50
C409916	100.60	C433514	100.20	C433539	100.20	C433562	100.30	C433581	100.30
C433643	100.20	C433648	100.30	C433672	100.00	C433767	100.30	C433812	100.00
C433849	100.30	C433876	100.10	C433926	100.10	C433985	100.20	C433990	100.10
C433996	100.20	C434119	100.00	C434124	99.90	C434133	100.20	C434209	100.20
C434312	100.00	C434464	100.20	C434470	100.40	C434534	100.50	C434798	100.00
C434820	100.20	C434841	100.10	C434907	100.10	C435023	100.00	C435085	99.70
C435121	100.10	C435171	100.00	C435187	100.00	C435289	100.00	C435376	99.90
C435398	100.00	L302423	100.10	L302438	100.50	L302611	100.10	L302617	99.30
L302712	100.30	L302783	100.40	L302834	99.80	L303003	99.70	L303152	99.90
L303195	100.10	L303321	99.50	L303439	99.10	L303495	100.10	L303574	99.20

INFORMATION NEEDED

VALUE OBTAINED

1 Sample Size (N)	75
2 Sum of Measurements: (Sum X)	7504.50
3 Sum of Squared Measurements	750910.77
4 Correction Factor (CF): Sum of Measurements Squared / N	750900.27
5 Corrected Sum of Squares (SS)	10.50
6 Variance (V) : SS/(N-1)	0.1419
7 Estimate of Lot Standard Deviation(S): SQRT of V	0.3767
8 Sample Mean(XBAR): Sum X/N	100.06
9 Upper Specification Limit (U)	102.00
10 Lower Specification Limit (L)	98.00
11 Quality Index Upper (QU): (U-XBAR) / S	5.15
12 Quality Index Lower (QL): (XBAR-L) / S	5.47
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)	4.83
17 Acceptability Criterion: Compare P with M	PASS
18 The Lot Meets the Acceptability Criterion if P <= M	
19 The Lot Fails the Acceptability Criterion if P > M	

Kentucky Utilities

2017 Sample Test Program ( 01/01/2017 ) to ( 12/31/2017 )

Device Category: F2S240V30AC200E    Model Number: ALF    Division: 01    Sample Lot: 2290    Lot Descr: KU    ALF  
 In Service Population: 299    Sample Quantity: 20    Meters Tested: 20    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 "E" # Normal Inspection

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Run Date: 01/05/2018

Run Time: 11:28:09 AM

Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy
2507453	99.90	2507478	99.80	2507507	100.00	2507533	100.00	2507539	100.00
2507679	100.00	2507699	99.90	2507710	99.90	2507740	100.00	2507750	100.00
2507804	99.90	2507814	100.00	2507838	100.10	2507849	100.00	2507901	100.00
2507903	99.90	2507914	100.00	2508002	100.00	2508019	100.00	2508036	100.00

INFORMATION NEEDED

VALUE OBTAINED

1 Sample Size (N)	20
2 Sum of Measurements: (Sum X)	1999.40
3 Sum of Squared Measurements	199880.10
4 Correction Factor (CF): Sum of Measurements Squared / N	199880.02
5 Corrected Sum of Squares (SS)	0.08
6 Variance (V) ; SS/(N-1)	0.0043
7 Estimate of Lot Standard Deviation(S): SQRT of V	0.0657
8 Sample Mean(XBAR): Sum X/N	99.97
9 Upper Specification Limit (U)	102.00
10 Lower Specification Limit (L)	98.00
11 Quality Index Upper (QU): (U-XBAR) / S	30.90
12 Quality Index Lower (QL): (XBAR-L) / S	29.99
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)	6.18
17 Acceptability Criterion: Compare P with M	PASS
18 The Lot Meets the Acceptability Criterion if P <= M	
19 The Lot Fails the Acceptability Criterion if P > M	



Kentucky Utilities

2017 Sample Test Program ( 01/01/2017 ) to ( 12/31/2017 )

Device Category: F2S240V30AC200E    Model Number: C1S    Division: 01    Sample Lot: 2291    Lot Descr: KU    C1S - 1  
 In Service Population: 10,000    Sample Quantity: 75    Meters Tested: 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 "E" # Normal Inspection

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 Run Date: 01/05/2018  
 Run Time: 11:28:09 AM

Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy
2000066	99.90	2000071	100.00	2000174	100.10	2000227	100.10	2000285	100.00
2000462	100.00	2000673	100.10	2000707	100.10	2000808	100.00	2000878	100.00
2000880	100.00	2000966	100.00	2001106	99.90	2001199	100.00	2001547	100.00
2002003	100.00	2002391	100.00	2002485	100.20	2002610	100.00	C352422	100.00
C352547	99.90	C369146	100.00	C369178	100.00	C369186	100.00	C369227	100.00
C369392	100.00	C380724	100.10	C380727	100.20	C380892	100.10	C380957	99.90
C380977	99.80	C381264	99.90	C381328	100.00	C381385	100.10	C381739	100.20
C381872	100.10	C382025	100.00	C382069	100.00	C382116	100.00	C382144	100.00
C382219	100.10	C382439	100.10	C383039	99.90	C383102	100.00	C383268	100.20
C383295	100.10	C383414	100.00	C386456	100.10	C407146	99.90	C407512	100.30
C407560	100.10	C416121	99.90	C416246	100.20	C416540	100.00	C416580	99.90
C417006	100.10	C417026	100.10	C417087	100.10	C417455	99.90	C465678	100.10
C465810	100.00	C465853	99.90	C466074	99.90	C466076	100.00	C466150	100.00
C466257	100.00	C466470	100.00	C466905	100.00	C466997	100.10	C467026	99.90
C467117	100.00	C467134	99.90	C467224	99.90	C467320	99.70	L317632	100.00

INFORMATION NEEDED

VALUE OBTAINED

1 Sample Size (N)	75
2 Sum of Measurements: (Sum X)	7501.10
3 Sum of Squared Measurements	750220.75
4 Correction Factor (CF): Sum of Measurements Squared / N	750220.02
5 Corrected Sum of Squares (SS)	0.73
6 Variance (V) : SS/(N-1)	0.0099
7 Estimate of Lot Standard Deviation(S): SQRT of V	0.0996
8 Sample Mean(XBAR): Sum X/N	100.01
9 Upper Specification Limit (U)	102.00
10 Lower Specification Limit (L)	98.00
11 Quality Index Upper (QU): (U-XBAR) / S	19.94
12 Quality Index Lower (QL): (XBAR-L) / S	20.23
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)	4.83
17 Acceptability Criterion: Compare P with M	PASS
18 The Lot Meets the Acceptability Criterion if P <= M	
19 The Lot Fails the Acceptability Criterion if P > M	

Kentucky Utilities

2017 Sample Test Program ( 01/01/2017 ) to ( 12/31/2017 )

Device Category: F28240V30AC200E Model Number: C18 Division: 01 Sample Lot: 2292 Lot Descr: KU C18 - 2  
 In Service Population: 10,000 Sample Quantity: 75 Meters Tested: 75 Pass/ Fail: PASS

Test Results Per ANSI/ASQC Z1.9-1993

Double Specification Limit - Variability Unknown - Standard Deviation Method

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One AQL Value for Both Upper and Lower Specification Limit Combined

Run Date: 01/05/2018

AQL = 2.5% - Inspection Level II "E" # Normal Inspection

Run Time: 11:28:09 AM

Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy
2002740	100.10	2002777	100.00	2002784	99.90	2002807	100.10	2003226	100.20
2003427	100.20	2003641	100.00	2003832	100.10	2003979	100.00	2004343	100.00
2004352	99.90	2004579	99.90	2004615	100.00	2004726	100.00	2004986	100.00
2005105	100.00	2005127	100.20	2005208	100.10	2005263	100.10	2005382	100.00
2005588	100.00	2005710	100.00	2005861	100.00	2005899	100.00	2006316	100.10
2006325	100.00	2006335	99.70	2006459	99.90	2006477	100.10	2006482	99.90
2006808	100.00	2007111	100.00	2007173	100.00	2007214	99.90	2007439	100.10
2007497	99.80	2007710	100.00	2008217	100.00	2008468	99.90	2008705	99.90
2008763	100.00	2008801	100.00	2008951	99.90	2009016	100.00	2500082	100.10
2500105	100.00	2500339	100.00	2500475	100.10	2500536	100.20	2501010	100.10
2501116	100.01	2501170	100.10	2501313	100.10	2501325	100.00	2501509	100.13
2501523	100.04	2501634	100.00	2501875	99.90	C467750	100.00	C467874	100.00
C467898	100.00	C467949	100.00	C468309	100.10	C468524	100.00	C468662	99.80
C468688	99.90	C468788	100.00	C468796	99.90	C468906	100.00	C468977	100.00
C468981	100.00	C468989	99.90	C469076	100.00	C469235	100.10	C469296	100.10

INFORMATION NEEDED

VALUE OBTAINED

1 Sample Size (N)	75
2 Sum of Measurements: (Sum X)	7500.58
3 Sum of Squared Measurements	750116.64
4 Correction Factor (CF): Sum of Measurements Squared / N	750116.00
5 Corrected Sum of Squares (SS)	0.63
6 Variance (V) : SS/(N-1)	0.0086
7 Estimate of Lot Standard Deviation(S): SQRT of V	0.0926
8 Sample Mean(XBAR): Sum X/N	100.01
9 Upper Specification Limit (U)	102.00
10 Lower Specification Limit (L)	98.00
11 Quality Index Upper (QU): (U-XBAR) / S	21.52
12 Quality Index Lower (QL): (XBAR-L) / S	21.69
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)	4.83
17 Acceptability Criterion: Compare P with M	PASS
18 The Lot Meets the Acceptability Criterion if P <= M	
19 The Lot Fails the Acceptability Criterion if P > M	

Kentucky Utilities

2017 Sample Test Program ( 01/01/2017 ) to ( 12/31/2017 )

Device Category: F2S240V30AC200E Model Number: C18 Division: 01 Sample Lot: 2293 Lot Descr: KU C18 - 3  
 In Service Population: 10,000 Sample Quantity: 75 Meters Tested: 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 "R" # Normal Inspection

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 Run Date: 01/05/2018  
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Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy
2009769	100.00	2009790	99.90	2009842	99.90	2010055	100.00	2010063	100.00
2010334	99.90	2010382	100.00	2010587	100.00	2010731	100.00	2010755	100.00
2010821	100.00	2010883	99.70	2011079	99.90	2011199	100.00	2011333	100.00
2011366	100.00	2011367	100.00	2011549	99.90	2011765	99.90	2011782	100.20
2011803	100.00	2011934	100.10	2012489	100.10	2012537	99.90	2012765	100.00
2013042	100.10	2013120	99.70	2013141	100.30	2013232	99.90	2013397	100.10
2013458	100.20	2013659	100.00	2013738	100.10	2013909	100.00	2014019	99.90
2014082	100.00	2014095	99.90	2014124	100.00	2014990	100.00	2015504	99.90
2015530	99.90	2015563	100.00	2015695	100.00	2015877	100.00	2016177	99.70
2016256	99.90	2016757	99.90	2016965	100.00	2017032	99.90	2502373	100.00
2502408	99.80	2502497	99.80	2502536	100.20	2502550	99.90	2502707	100.00
2502953	100.00	2502997	100.00	2503521	100.10	2503526	100.00	2503762	100.10
2503785	100.10	2504370	100.20	2504400	100.00	2504506	100.00	2504737	100.10
2504741	99.90	2504801	100.10	2504878	100.00	2504898	100.10	2504949	100.00
2505185	100.20	2505198	100.10	2505320	100.10	2505335	100.00	2505607	99.90

INFORMATION NEEDED

VALUE OBTAINED

1 Sample Size (N)	75
2 Sum of Measurements: (Sum X)	7499.50
3 Sum of Squared Measurements	749900.95
4 Correction Factor (CF): Sum of Measurements Squared / N	749900.00
5 Corrected Sum of Squares (SS)	0.95
6 Variance (V) : SS/(N-1)	0.0128
7 Estimate of Lot Standard Deviation(S): SQRT of V	0.1131
8 Sample Mean (XBAR): Sum X/N	99.99
9 Upper Specification Limit (U)	102.00
10 Lower Specification Limit (L)	98.00
11 Quality Index Upper (QU): (U-XBAR) / S	17.74
12 Quality Index Lower (QL): (XBAR-L) / S	17.62
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)	4.83
17 Acceptability Criterion: Compare P with M	PASS
18 The Lot Meets the Acceptability Criterion if P <= M	
19 The Lot Fails the Acceptability Criterion if P > M	

Kentucky Utilities

2017 Sample Test Program ( 01/01/2017 ) to ( 12/31/2017 )

Device Category: F2S240V30AC200E Model Number: CIS Division: 01 Sample Lot: 2294 Lot Descr: KU CIS - 4  
 In Service Population: 10,000 Sample Quantity: 75 Meters Tested: 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 "E" # Normal Inspection

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Run Date: 01/05/2018

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Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy
2017479	100.00	2017481	100.20	2017555	100.00	2017886	100.00	2018374	99.90
2018399	99.90	2018457	99.90	2018595	100.00	2018630	100.00	2018665	100.10
2018704	100.00	2018893	99.90	2019048	100.00	2019080	99.80	2019349	99.70
2019502	99.80	2019511	99.90	2019649	100.00	2019663	99.90	2019669	100.00
2019714	100.00	2019863	100.00	2019943	99.80	2020634	99.70	2020704	100.00
2020752	100.10	2020775	99.90	2021286	100.00	2021499	100.00	2021520	100.00
2021537	100.00	2021625	100.00	2021680	100.00	2022052	100.00	2022126	99.90
2022306	99.80	2022324	100.00	2022329	100.00	2022386	99.90	2022438	100.10
2022515	99.90	2022518	99.90	2022539	100.00	2022541	99.90	2022915	99.90
2023464	100.00	2023482	99.90	2023491	99.90	2023526	100.00	2023602	100.10
2023688	100.10	2023701	100.00	2023759	99.90	2023865	100.00	2024026	100.00
2024330	100.10	2024365	100.10	2024413	100.00	2024784	99.90	2024811	100.00
2024904	100.00	2024910	100.00	2024937	99.90	2025106	99.90	2025229	100.00
2025461	100.00	2025841	100.00	2026008	100.00	2026346	99.80	2026351	100.00
2026425	99.80	2026563	100.10	2026624	99.80	2027442	100.00	2027721	99.90

INFORMATION NEEDED

VALUE OBTAINED

1 Sample Size (N)	75
2 Sum of Measurements: (Sum X)	7497.00
3 Sum of Squared Measurements	749400.78
4 Correction Factor (CF): Sum of Measurements Squared / N	749400.12
5 Corrected Sum of Squares (SS)	0.66
6 Variance (V) : SS/(N-1)	0.0089
7 Estimate of Lot Standard Deviation(S): SQRT of V	0.0944
8 Sample Mean(XBAR): Sum X/N	99.96
9 Upper Specification Limit (U)	102.00
10 Lower Specification Limit (L)	98.00
11 Quality Index Upper (QU): (U-XBAR) / S	21.60
12 Quality Index Lower (QL): (XBAR-L) / S	20.75
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)	4.83
17 Acceptability Criterion: Compare P with M	PASS
18 The Lot Meets the Acceptability Criterion if P <= M	
19 The Lot Fails the Acceptability Criterion if P > M	

Kentucky Utilities

2017 Sample Test Program ( 01/01/2017 ) to ( 12/31/2017 )

Device Category: F2S240V30AC200E    Model Number: C18    Division: 01    Sample Lot: 2295    Lot Descr: KU    C18 - 5  
 In Service Population: 10,000    Sample Quantity: 75    Meters Tested: 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 "E" # Normal Inspection

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Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy
2027944	99.90	2027956	100.00	2028106	100.10	2028354	100.00	2028830	100.00
2028845	100.00	2028879	100.10	2028890	100.00	2028922	100.00	2029231	100.10
2029239	100.00	2029306	100.00	2030175	100.00	2030201	100.20	2030413	99.70
2030583	100.00	2030733	100.00	2030739	100.30	2031309	100.00	2031379	100.10
2031396	100.10	2031398	100.10	2031577	100.00	2031651	100.10	2031825	100.00
2031837	100.00	2032071	99.80	2032407	100.00	2032460	99.90	2032541	99.90
2032896	100.00	2032920	100.00	2032974	100.00	2033033	99.90	2033182	100.10
2033286	99.80	2033483	100.00	2033490	99.90	2033590	100.10	2033633	100.10
2034021	100.20	2034094	100.00	2034241	100.00	2034343	100.00	2034375	100.00
2034434	100.00	2034827	100.00	2034890	100.10	2034895	100.00	2034909	99.90
2034941	100.10	2035064	100.00	2035279	99.90	2035373	99.80	2035391	99.90
2035424	100.00	2035441	100.00	2035536	100.00	2035758	100.10	2036007	100.20
2036197	100.10	2036458	100.00	2038023	100.00	2038187	100.10	2038232	100.10
2038456	100.00	2038657	100.00	2038787	100.00	2038936	100.00	2038981	100.10
2038989	99.90	2039073	99.90	2039249	100.00	2506040	99.90	2506144	100.00

INFORMATION NEEDED

VALUE OBTAINED

1 Sample Size (N)	75
2 Sum of Measurements: (Sum X)	7500.60
3 Sum of Squared Measurements	750120.70
4 Correction Factor (CF): Sum of Measurements Squared / N	750120.00
5 Corrected Sum of Squares (SS)	0.70
6 Variance (V) : SS/(N-1)	0.0094
7 Estimate of Lot Standard Deviation(S): SQRT of V	0.0969
8 Sample Mean(XBAR): Sum X/N	100.01
9 Upper Specification Limit (U)	102.00
10 Lower Specification Limit (L)	98.00
11 Quality Index Upper (QU): (U-XBAR) / S	20.55
12 Quality Index Lower (QL): (XBAR-L) / S	20.72
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)	4.83
17 Acceptability Criterion: Compare P with M	PASS
18 The Lot Meets the Acceptability Criterion if P <= M	
19 The Lot Fails the Acceptability Criterion if P > M	

Kentucky Utilities

2017 Sample Test Program ( 01/01/2017 ) to ( 12/31/2017 )

Device Category: F28240V30AC200E    Model Number: C18    Division: 01    Sample Lot: 2296    Lot Descr: KU    C18 - 6  
 In Service Population: 10,000    Sample Quantity: 75    Meters Tested: 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 "E" # Normal Inspection

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Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy
2039480	100.10	2039507	99.94	2039602	100.10	2039637	100.00	2039806	100.00
2039898	100.10	2039902	100.00	2040385	100.10	2040446	100.00	2040452	100.10
2040518	99.70	2040561	100.00	2041178	100.10	2041220	100.00	2041290	100.10
2041311	99.90	2041333	100.20	2042400	99.80	2042418	100.00	2042425	100.00
2042472	99.90	2042964	100.00	2043305	100.00	2043327	100.00	2043576	100.00
2043602	100.00	2043617	100.00	2043643	99.90	2043655	99.90	2043670	100.00
2043995	100.10	2044116	99.70	2044949	100.00	2045279	100.00	2045443	99.90
2045459	100.00	2045484	100.20	2045494	100.10	2045658	100.00	2045787	100.10
2046079	100.10	2046208	99.90	2046237	100.10	2046254	99.70	2046385	99.90
2046392	99.90	2046512	100.00	2046684	100.10	2046694	99.90	2046818	99.90
2047063	99.80	2047065	100.00	2047474	99.90	2047549	99.80	2047965	99.80
2047994	100.00	2048106	99.90	2048180	100.00	2048188	100.00	2048321	100.00
2048933	100.00	2049174	100.00	2049194	100.00	2049331	100.00	2506220	100.10
2506260	100.00	2506315	100.00	2506435	100.10	2506472	100.10	2506501	100.00
2506609	100.00	2506703	100.00	2506865	99.90	2506954	100.00	2507035	99.90

INFORMATION NEEDED

VALUE OBTAINED

1 Sample Size (N)	75
2 Sum of Measurements: (Sum X)	7498.84
3 Sum of Squared Measurements	749768.81
4 Correction Factor (CF): Sum of Measurements Squared / N	749768.02
5 Corrected Sum of Squares (SS)	0.80
6 Variance (V) : SS/(N-1)	0.0108
7 Estimate of Lot Standard Deviation(S): SQRT of V	0.1037
8 Sample Mean(XBAR): Sum X/N	99.98
9 Upper Specification Limit (U)	102.00
10 Lower Specification Limit (L)	98.00
11 Quality Index Upper (QU): (U-XBAR) / S	19.44
12 Quality Index Lower (QL): (XBAR-L) / S	19.14
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)	4.83
17 Acceptability Criterion: Compare P with M	PASS
18 The Lot Meets the Acceptability Criterion if P <= M	
19 The Lot Fails the Acceptability Criterion if P > M	

Kentucky Utilities

2017 Sample Test Program ( 01/01/2017 ) to ( 12/31/2017 )

Device Category: F2S240V30AC200E    Model Number: C1S    Division: 01    Sample Lot: 2297    Lot Descr: KU    C1S - 7  
 In Service Population: 10,000    Sample Quantity: 75    Meters Tested: 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 "E" # Normal Inspection

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Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy
2049864	99.70	2049890	99.70	2049909	100.10	2050199	100.00	2050362	100.00
2050370	99.80	2050485	100.00	2050547	100.00	2050552	100.00	2050573	100.00
2050606	100.00	2051600	100.00	2051671	99.90	2051716	100.00	2051930	99.90
2052013	100.00	2052016	99.90	2052276	100.10	2052334	99.90	2052340	99.90
2052440	100.00	2052451	100.00	2052632	99.90	2052686	100.00	2052919	99.80
2053022	99.90	2053134	99.90	2053170	100.00	2053181	100.20	2053202	99.90
2053680	99.90	2053687	99.90	2053706	100.10	2053712	99.90	2054181	100.00
2054425	99.90	2055048	100.00	2055121	99.90	2055583	99.80	2055663	100.00
2055849	99.90	2055860	99.80	2055863	100.00	2055913	100.00	2055972	99.90
2056202	100.00	2056231	99.90	2056290	100.00	2056392	100.00	2057339	99.90
2057574	100.00	2057604	99.90	2058095	100.00	2058251	100.00	2058451	99.80
2058560	99.90	2058812	100.00	2058858	100.00	2059194	100.00	2059297	99.90
2059403	99.90	2059487	100.00	2059587	100.00	2059627	100.00	2059742	100.00
2059761	99.80	2059906	100.00	2060021	100.00	2508505	100.10	2508512	99.80
2508575	100.10	2508739	100.10	2509145	100.40	2509300	100.00	2509656	99.80

INFORMATION NEEDED

VALUE OBTAINED

1 Sample Size (N)	75
2 Sum of Measurements: (Sum X)	7496.80
3 Sum of Squared Measurements	749360.98
4 Correction Factor (CF): Sum of Measurements Squared / N	749360.14
5 Corrected Sum of Squares (SS)	0.84
6 Variance (V) : SS/(N-1)	0.0114
7 Estimate of Lot Standard Deviation(S): SQRT of V	0.1068
8 Sample Mean(XBAR): Sum X/N	99.96
9 Upper Specification Limit (U)	102.00
10 Lower Specification Limit (L)	98.00
11 Quality Index Upper (QU): (U-XBAR) / S	19.13
12 Quality Index Lower (QL): (XBAR-L) / S	18.33
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)	4.83
17 Acceptability Criterion: Compare P with M	PASS
18 The Lot Meets the Acceptability Criterion if P <= M	
19 The Lot Fails the Acceptability Criterion if P > M	

Kentucky Utilities

2017 Sample Test Program ( 01/01/2017 ) to ( 12/31/2017 )

Device Category: F28240V30AC200E Model Number: CIS Division: 01 Sample Lot: 2298 Lot Descr: KU CIS - 8  
 In Service Population: 8,884 Sample Quantity: 75 Meters Tested: 75 Pass/ Fail: PASS

Test Results Per ANSI/ASQC Z1.9-1993

Double Specification Limit - Variability Unknown - Standard Deviation Method

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One AQL Value for Both Upper and Lower Specification Limit Combined

Run Date: 01/05/2018

AQL = 2.5% - Inspection Level II "E" # Normal Inspection

Run Time: 11:28:09 AM

Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy
2060203	100.00	2060395	100.00	2060437	100.00	2060481	100.00	2060490	99.90
2060533	99.90	2060741	100.00	2060918	99.90	2060945	99.90	2060994	100.00
2061182	99.90	2061569	99.90	2061638	100.00	2062114	99.70	2062188	100.00
2062228	99.90	2062526	99.70	2062622	100.00	2062690	99.90	2062861	100.00
2062864	99.90	2063035	99.90	2063118	99.90	2063191	99.80	2063401	99.80
2064078	100.00	2064144	99.80	2064250	100.00	2064273	100.00	2064451	99.91
2064456	100.00	2064540	99.90	2064725	99.90	2064990	99.90	2065210	99.90
2065283	100.00	2065458	100.00	2065538	99.90	2065541	99.90	2065692	99.80
2065874	100.00	2065887	99.90	2065966	100.00	2066189	100.00	2066262	100.00
2066368	99.90	2066389	100.00	2066463	100.00	2066703	99.90	2066989	100.00
2067219	100.00	2067299	100.10	2067487	100.00	2068286	100.00	2068469	100.00
2068589	100.00	2068632	100.00	2068633	100.00	2068675	100.00	2068735	100.00
2068809	100.00	2069027	99.90	2069352	100.00	2069673	100.00	2069815	99.90
2069839	100.00	2069840	100.00	2070466	100.10	2071252	100.00	2509935	99.90
2510158	100.00	2510845	100.00	2510902	99.80	2510907	100.00	2511017	100.00

INFORMATION NEEDED

VALUE OBTAINED

1 Sample Size (N)	75
2 Sum of Measurements: (Sum X)	7496.21
3 Sum of Squared Measurements	749242.64
4 Correction Factor (CF): Sum of Measurements Squared / N	749242.19
5 Corrected Sum of Squares (SS)	0.45
6 Variance (V) : SS/(N-1)	0.0060
7 Estimate of Lot Standard Deviation(S): SQRT of V	0.0777
8 Sample Mean(XBAR): Sum X/N	99.95
9 Upper Specification Limit (U)	102.00
10 Lower Specification Limit (L)	98.00
11 Quality Index Upper (QU): (U-XBAR) / S	26.40
12 Quality Index Lower (QL): (XBAR-L) / S	25.09
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)	4.83
17 Acceptability Criterion: Compare P with M	PASS
18 The Lot Meets the Acceptability Criterion if P <= M	
19 The Lot Fails the Acceptability Criterion if P > M	



Kentucky Utilities

2017 Sample Test Program ( 01/01/2017 ) to ( 12/31/2017 )

Device Category: F28240V30AC200E    Model Number: C2S08    Division: 01    Sample Lot: 2299    Lot Descr: KU    C2S08  
 In Service Population: 1,187    Sample Quantity: 35    Meters Tested: 35    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 "K" # Normal Inspection

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Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy
2400129	99.90	2400585	100.10	2400682	100.00	2400749	100.00	2400754	99.90
2400758	100.20	2400782	100.10	2400859	100.10	2400873	100.00	2400888	100.00
2400893	99.70	2400896	100.00	2400908	100.10	2400909	100.10	2400979	100.00
2400981	100.00	2401072	99.70	2401095	100.00	2401104	100.10	2401129	100.00
2401165	100.20	2401178	100.10	2401180	100.00	2401203	100.10	2401293	100.03
2401398	100.00	2401407	100.10	2401443	100.00	2402431	100.01	2402438	100.00
2402452	100.00	2402592	100.00	2402656	100.10	2402663	100.10	2402706	100.10

INFORMATION NEEDED

VALUE OBTAINED

1 Sample Size (N)	35
2 Sum of Measurements: (Sum X)	3500.84
3 Sum of Squared Measurements	350168.40
4 Correction Factor (CF): Sum of Measurements Squared / N	350168.02
5 Corrected Sum of Squares (SS)	0.38
6 Variance (V) : SS/(N-1)	0.0112
7 Estimate of Lot Standard Deviation(S): SQRT of V	0.1058
8 Sample Mean(XBAR): Sum X/N	100.02
9 Upper Specification Limit (U)	102.00
10 Lower Specification Limit (L)	98.00
11 Quality Index Upper (QU): (U-XBAR) / S	18.67
12 Quality Index Lower (QL): (XBAR-L) / S	19.12
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)	5.58
17 Acceptability Criterion: Compare P with M	PASS
18 The Lot Meets the Acceptability Criterion if P <= M	
19 The Lot Fails the Acceptability Criterion if P > M	

Kentucky Utilities

2017 Sample Test Program ( 01/01/2017 ) to ( 12/31/2017 )

Device Category: F28240V30AC200      Model Number: D4S      Division: 01      Sample Lot: 2300      Lot Descr: KU      D4S - 1  
 In Service Population: 10,000      Sample Quantity: 75      Meters Tested: 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 "E" # Normal Inspection

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Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy
C227596	100.00	C227849	100.40	C227901	99.80	C227965	99.90	C228193	100.10
C228524	99.50	C229553	100.40	C229691	99.80	C229783	99.70	C229796	99.60
C229860	100.40	C230125	100.20	C230130	100.30	C230420	99.90	C232217	100.20
C232245	100.10	C232310	99.80	C233613	99.90	C233937	100.10	C233949	99.40
C236136	100.30	C236177	99.80	C236729	100.30	C236753	99.80	C236838	99.90
C240622	100.00	C241001	100.20	C241024	99.80	L009586	100.00	L129207	99.60
L140753	100.10	L140755	99.80	M351717	100.10	M352641	100.10	M353345	99.70
M353899	100.40	M354188	99.70	M354429	100.00	M367556	99.60	M367613	100.10
M367692	100.00	M367817	100.10	M367866	99.70	M367887	99.90	M375031	100.00
M375225	99.80	M375730	100.00	M376179	99.80	M376231	99.90	M376352	100.30
M376886	99.60	M376956	100.30	M386556	100.30	M386584	100.10	M389006	100.00
M389132	100.20	M389161	100.00	M389307	100.20	M389368	100.10	W098746	99.90
W101072	100.20	W102003	99.90	W102838	100.20	W102845	100.30	W104142	99.90
W104883	99.70	W105695	100.10	W105728	99.80	W105753	100.30	W105762	100.50
W108329	100.20	W108355	99.90	W109326	100.60	W109662	100.20	W109673	100.00

INFORMATION NEEDED

VALUE OBTAINED

1 Sample Size (N)	75
2 Sum of Measurements: (Sum X)	7500.80
3 Sum of Squared Measurements	750164.64
4 Correction Factor (CF): Sum of Measurements Squared / N	750160.01
5 Corrected Sum of Squares (SS)	4.63
6 Variance (V) : SS/(N-1)	0.0626
7 Estimate of Lot Standard Deviation(S): SQRT of V	0.2502
8 Sample Mean(XBAR): Sum X/N	100.01
9 Upper Specification Limit (U)	102.00
10 Lower Specification Limit (L)	98.00
11 Quality Index Upper (QU): (U-XBAR) / S	7.95
12 Quality Index Lower (QL): (XBAR-L) / S	8.04
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)	4.83
17 Acceptability Criterion: Compare P with M	PASS
18 The Lot Meets the Acceptability Criterion if P <= M	
19 The Lot Fails the Acceptability Criterion if P > M	

Kentucky Utilities

2017 Sample Test Program ( 01/01/2017 ) to ( 12/31/2017 )

Device Category: F2S240V30AC200    Model Number: D48    Division: 01    Sample Lot: 2301    Lot Descr: KU    D48 - 2  
 In Service Population: 10,000    Sample Quantity: 75    Meters Tested: 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 "E" # Normal Inspection

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Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy
C241406	100.10	C245402	99.40	C245437	99.70	C245556	100.30	C245793	99.50
C250438	100.10	C254428	100.00	C254497	100.20	C254735	100.10	C254812	99.60
C254877	100.30	C254970	99.90	C255232	99.90	C256730	99.90	C256858	100.40
C257160	99.80	C257319	99.90	L216359	100.30	L216410	100.20	L216438	99.60
L216442	100.30	L216508	100.10	L219124	99.50	L219179	100.00	L221570	100.10
L221761	99.80	M385002	100.40	M385117	100.00	M385237	100.10	M385311	100.10
M385391	99.80	M385554	100.10	M385596	99.70	M385731	99.60	M385771	99.80
M385910	100.00	M389589	100.10	M389736	100.00	M390156	100.20	M390313	99.90
M390691	100.30	M392325	99.90	M392326	100.30	M392336	99.60	M392393	100.00
M392866	100.20	M393305	100.00	M396178	100.40	M396334	99.80	M396335	99.60
M396369	100.00	M396452	100.30	M396655	99.90	M397083	100.70	M397197	100.10
M397436	99.50	M397445	99.40	M397471	99.70	M397760	100.10	M398196	99.90
M398300	100.20	M399060	100.40	M399115	100.20	M399191	100.30	M399488	99.90
W110325	99.80	W110365	99.60	W110958	100.10	W111168	100.00	W111469	100.30
W112049	100.00	W114753	99.70	W114855	100.00	W114924	100.20	W116795	99.70

INFORMATION NEEDED

VALUE OBTAINED

1 Sample Size (N)	75
2 Sum of Measurements: (Sum X)	7498.90
3 Sum of Squared Measurements	749785.55
4 Correction Factor (CF): Sum of Measurements Squared / N	749780.02
5 Corrected Sum of Squares (SS)	5.53
6 Variance (V) : SS/(N-1)	0.0748
7 Estimate of Lot Standard Deviation(S): SQRT of V	0.2735
8 Sample Mean(XBAR): Sum X/N	99.99
9 Upper Specification Limit (U)	102.00
10 Lower Specification Limit (L)	98.00
11 Quality Index Upper (QU): (U-XBAR) / S	7.37
12 Quality Index Lower (QL): (XBAR-L) / S	7.26
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)	4.83
17 Acceptability Criterion: Compare P with M	PASS
18 The Lot Meets the Acceptability Criterion if P <= M	
19 The Lot Fails the Acceptability Criterion if P > M	

Kentucky Utilities

2017 Sample Test Program ( 01/01/2017 ) to ( 12/31/2017 )

Device Category: F2S240V30AC200      Model Number: D4S      Division: 01      Sample Lot: 2302      Lot Descr: KU      D4S - 3  
 In Service Population: 4,595      Sample Quantity: 75      Meters Tested: 75      Pass/ Fail: PASS

Test Results Per ANSI/ASQC Z1.9-1993

Double Specification Limit - Variability Unknown - Standard Deviation Method

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One AQL Value for Both Upper and Lower Specification Limit Combined

Run Date: 01/05/2018

AQL = 2.5% - Inspection Level II "E" # Normal Inspection

Run Time: 11:28:09 AM

Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy
C221924	99.40	C221998	100.00	C222215	100.40	C257415	99.70	C257534	100.50
C257693	99.90	C263879	99.70	C264039	99.80	C264063	100.20	L223762	100.50
L223885	99.80	L223935	99.40	L223945	99.90	L224450	99.90	L224474	100.00
L224511	100.20	L224652	99.90	L224682	99.90	L224879	99.90	L227865	100.00
L227909	99.50	L228142	100.20	L228145	99.30	L228450	99.70	L228755	99.80
L228772	99.80	L228811	99.90	L228903	99.80	L228913	100.10	L229693	99.40
M394615	99.30	M394671	100.20	M394678	99.50	M395048	100.00	M395135	99.80
M395175	100.10	M395217	100.10	M395419	99.60	M395503	99.80	M395632	100.20
M395706	100.00	M395745	99.80	M395795	100.00	M395927	100.20	M401084	99.60
M401093	100.00	M401197	99.60	M401240	99.80	M401269	100.00	M401318	100.00
M401451	99.50	M401469	99.90	M401471	99.90	M401503	100.00	M401666	100.10
M401677	99.90	M401754	100.30	M401759	99.90	M401762	99.70	M401884	100.10
M401944	100.10	M401959	100.00	M401971	100.10	M401995	100.30	M411515	100.10
W119748	99.50	W119866	99.70	W120033	99.80	W120168	99.70	W120397	100.30
W120436	100.00	W120575	99.80	W120592	99.90	W120603	100.70	W120639	100.60

INFORMATION NEEDED

VALUE OBTAINED

1 Sample Size (N)	75
2 Sum of Measurements: (Sum X)	7494.00
3 Sum of Squared Measurements	748806.74
4 Correction Factor (CF): Sum of Measurements Squared / N	748800.48
5 Corrected Sum of Squares (SS)	6.26
6 Variance (V) : SS/(N-1)	0.0846
7 Estimate of Lot Standard Deviation(S): SQRT of V	0.2909
8 Sample Mean(XBAR): Sum X/N	99.92
9 Upper Specification Limit (U)	102.00
10 Lower Specification Limit (L)	98.00
11 Quality Index Upper (QU): (U-XBAR) / S	7.15
12 Quality Index Lower (QL): (XBAR-L) / S	6.60
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)	4.83
17 Acceptability Criterion: Compare P with M	PASS
18 The Lot Meets the Acceptability Criterion if P <= M	
19 The Lot Fails the Acceptability Criterion if P > M	

Kentucky Utilities

2017 Sample Test Program ( 01/01/2017 ) to ( 12/31/2017 )

Device Category: F28240V30AC200    Model Number: D58    Division: 01    Sample Lot: 2303    Lot Descr: KU    D58  
 In Service Population: 369    Sample Quantity: 20    Meters Tested: 20    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 "E" # Normal Inspection

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Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy
C279729	100.60	C279773	99.80	C279789	100.00	C279950	100.00	C283432	99.60
C283457	99.90	C283505	97.40	C283530	100.00	C283589	98.90	C283590	99.20
C283638	99.70	C298891	100.40	C298895	100.10	C298920	100.40	C298925	100.30
C299083	100.20	C299136	100.00	C299144	100.40	C299164	99.60	C299165	100.30

INFORMATION NEEDED

VALUE OBTAINED

1 Sample Size (N)	20
2 Sum of Measurements: (Sum X)	1996.80
3 Sum of Squared Measurements	199370.14
4 Correction Factor (CF): Sum of Measurements Squared / N	199360.51
5 Corrected Sum of Squares (SS)	9.63
6 Variance (V) : SS/(N-1)	0.5067
7 Estimate of Lot Standard Deviation(S): SQRT of V	0.7119
8 Sample Mean(XBAR): Sum X/N	99.84
9 Upper Specification Limit (U)	102.00
10 Lower Specification Limit (L)	98.00
11 Quality Index Upper (QU): (U-XBAR) / S	3.03
12 Quality Index Lower (QL): (XBAR-L) / S	2.58
13 Estimate of Lot Percent NCF Above U (PU)	0.02
14 Estimate of Lot Percent NCF Below L (PL)	0.23
15 Total Estimate Percent NCF. In Lot (P): PU+PL	0.25
16 Maximum Allowable Percent NCF(M)	6.18
17 Acceptability Criterion: Compare P with M	PASS
18 The Lot Meets the Acceptability Criterion if P <= M	
19 The Lot Fails the Acceptability Criterion if P > M	

Kentucky Utilities

2017 Sample Test Program ( 01/01/2017 ) to ( 12/31/2017 )

Device Category: F28240V30AC200E    Model Number: Focus AXR-Mesh    Division: 01    Sample Lot: 2304    Lot Descr: KU    Focus AX  
 In Service Population: 491    Sample Quantity: 25    Meters Tested: 25    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 \*E\* # Normal Inspection

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Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy
2400008	100.00	2400031	100.00	2400058	100.00	2400069	100.10	2400192	100.00
2400208	99.90	2400227	100.00	2400236	100.10	2400244	100.00	2400276	100.10
2400279	100.20	2400318	100.00	2400343	100.00	2400356	100.00	2400383	100.00
2400414	100.00	2400416	100.00	2400426	99.90	2400439	99.90	2400448	99.80
2400456	100.10	2401530	100.00	2401754	100.00	2402002	99.90	2402046	100.10

INFORMATION NEEDED

VALUE OBTAINED

1 Sample Size (N)	25
2 Sum of Measurements: (Sum X)	2500.10
3 Sum of Squared Measurements	250020.17
4 Correction Factor (CF): Sum of Measurements Squared / N	250020.00
5 Corrected Sum of Squares (SS)	0.17
6 Variance (V) : SS/(N-1)	0.0071
7 Estimate of Lot Standard Deviation(S): SQRT of V	0.0841
8 Sample Mean(XBAR): Sum X/N	100.00
9 Upper Specification Limit (U)	102.00
10 Lower Specification Limit (L)	98.00
11 Quality Index Upper (QU): (U-XBAR) / S	23.74
12 Quality Index Lower (QL): (XBAR-L) / S	23.84
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)	5.98
17 Acceptability Criterion: Compare P with M	PASS
18 The Lot Meets the Acceptability Criterion if P <= M	
19 The Lot Fails the Acceptability Criterion if P > M	

Kentucky Utilities

2017 Sample Test Program ( 01/01/2017 ) to ( 12/31/2017 )

Device Category: F28240V30AC200E Model Number: I210 Division: 01 Sample Lot: 2305 Lot Descr: KU I210  
 In Service Population: 4,821 Sample Quantity: 75 Meters Tested: 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 "E" # Normal Inspection

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Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy
C432034	100.00	C432137	99.90	C432158	99.80	C432257	99.95	C432394	99.70
C432456	100.10	C432493	99.90	C432648	99.70	C432722	99.86	C433160	99.80
C433195	99.90	C433210	99.90	C433305	100.00	C433389	99.80	C433397	99.90
C445361	99.90	C445380	100.00	C445777	100.00	C445802	100.00	C445863	100.00
C445913	99.95	C445935	99.90	C445955	99.95	C445995	99.98	C446033	99.70
C446229	100.00	C456570	99.90	C456683	100.00	C456685	100.00	C456711	100.00
C456803	99.90	C456959	100.00	C457012	99.90	C457093	100.00	C457132	100.00
C457136	99.90	C457205	99.90	C457245	99.90	C457257	99.90	C457275	100.00
C457284	100.10	C457287	100.00	C457402	100.00	C457464	100.00	C457488	100.00
C457577	99.90	C457596	99.90	C463544	99.80	C463983	100.10	C464263	100.00
C464271	100.00	C464316	100.00	C464480	100.10	C464484	100.00	C464490	100.00
C464657	99.90	C464679	100.00	C464704	100.10	C464709	100.00	C464784	100.00
C464837	100.10	C464918	99.90	C464973	100.00	C465038	100.00	C465080	100.10
C465087	100.20	C465173	100.00	C465227	100.10	C465249	100.00	C465310	100.10
C465347	99.80	C465384	100.10	C465492	99.90	C465549	99.90	C465600	100.10

INFORMATION NEEDED

VALUE OBTAINED

1 Sample Size (N)	75
2 Sum of Measurements: (Sum X)	7497.09
3 Sum of Squared Measurements	749418.85
4 Correction Factor (CF): Sum of Measurements Squared / N	749418.11
5 Corrected Sum of Squares (SS)	0.73
6 Variance (V) : SS/(N-1)	0.0099
7 Estimate of Lot Standard Deviation(S): SQRT of V	0.0996
8 Sample Mean(XBAR): Sum X/N	99.96
9 Upper Specification Limit (U)	102.00
10 Lower Specification Limit (L)	98.00
11 Quality Index Upper (QU): (U-XBAR) / S	20.46
12 Quality Index Lower (QL): (XBAR-L) / S	19.68
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)	4.83
17 Acceptability Criterion: Compare P with M	PASS
18 The Lot Meets the Acceptability Criterion if P <= M	
19 The Lot Fails the Acceptability Criterion if P > M	

Kentucky Utilities

2017 Sample Test Program ( 01/01/2017 ) to ( 12/31/2017 )

Device Category: F28240V15AC100    Model Number: I508    Division: 01    Sample Lot: 2306    Lot Descr: KU    I508  
 In Service Population: 878    Sample Quantity: 35    Meters Tested: 35    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 "E" # Normal Inspection

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Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy
C180916	100.10	L006688	99.90	L049453	100.00	L060692	100.10	L061063	100.60
L061533	100.40	L062381	99.80	L063280	100.00	L063281	99.90	L064186	99.70
L064198	100.10	L064222	99.40	L065545	100.10	L065552	99.50	L065685	99.80
L068575	100.40	L069708	100.00	L071583	99.90	L071585	100.00	L072712	99.80
L073087	99.80	L073479	99.90	M417148	100.10	M417557	100.20	M431217	100.30
W072145	100.40	W072167	100.00	W073843	100.40	W075988	100.10	W076300	100.30
W076350	100.10	W078651	99.90	W079291	100.20	W079351	99.90	W082330	100.00

INFORMATION NEEDED

VALUE OBTAINED

1 Sample Size (N)	35
2 Sum of Measurements: (Sum X)	3501.10
3 Sum of Squared Measurements	350222.25
4 Correction Factor (CF): Sum of Measurements Squared / N	350220.03
5 Corrected Sum of Squares (SS)	2.22
6 Variance (V) : SS/(N-1)	0.0652
7 Estimate of Lot Standard Deviation(S): SQRT of V	0.2553
8 Sample Mean(XBAR): Sum X/N	100.03
9 Upper Specification Limit (U)	102.00
10 Lower Specification Limit (L)	98.00
11 Quality Index Upper (QU): (U-XBAR) / S	7.71
12 Quality Index Lower (QL): (XBAR-L) / S	7.96
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)	5.58
17 Acceptability Criterion: Compare P with M	PASS
18 The Lot Meets the Acceptability Criterion if P <= M	
19 The Lot Fails the Acceptability Criterion if P > M	



Kentucky Utilities

2017 Sample Test Program ( 01/01/2017 ) to ( 12/31/2017 )

Device Category: F28240V15AC100    Model Number: I558    Division: 01    Sample Lot: 2307    Lot Descr: KU    I558  
 In Service Population: 760    Sample Quantity: 35    Meters Tested: 35    Pass/ Fail: PASS

Test Results Per ANSI/ASQC Z1.9-1993

Double Specification Limit - Variability Unknown - Standard Deviation Method

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One AQL Value for Both Upper and Lower Specification Limit Combined

Run Date: 01/05/2018

AQL = 2.5% - Inspection Level II "K" # Normal Inspection

Run Time: 11:28:09 AM

Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy
L011142	99.80	L076372	99.80	L076460	100.50	L076698	99.20	L076742	100.10
L076786	99.90	L076866	100.00	L077261	99.90	L077323	100.00	L077366	99.70
L077698	100.00	L078082	100.00	L078313	100.00	L078698	100.30	L078859	100.00
L079518	99.80	L079575	100.20	L079855	99.90	L080370	100.20	L080598	99.90
L080775	100.00	L085606	99.70	L086744	99.70	L086823	100.00	L086996	100.10
L087121	99.80	L087506	99.70	L087927	100.20	L088704	99.80	L089123	99.70
L089409	99.70	L089577	99.50	L090076	99.80	L090561	99.70	M417497	99.70

INFORMATION NEEDED

VALUE OBTAINED

1 Sample Size (N)	35
2 Sum of Measurements: (Sum X)	3496.30
3 Sum of Squared Measurements	349262.37
4 Correction Factor (CF): Sum of Measurements Squared / N	349260.39
5 Corrected Sum of Squares (SS)	1.98
6 Variance (V) : SS/(N-1)	0.0582
7 Estimate of Lot Standard Deviation (S): SQRT of V	0.2413
8 Sample Mean(XBAR): Sum X/N	99.89
9 Upper Specification Limit (U)	102.00
10 Lower Specification Limit (L)	98.00
11 Quality Index Upper (QU): (U-XBAR) / S	8.73
12 Quality Index Lower (QL): (XBAR-L) / S	7.85
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)	5.58
17 Acceptability Criterion: Compare P with M	PASS
18 The Lot Meets the Acceptability Criterion if P <= M	
19 The Lot Fails the Acceptability Criterion if P > M	

Kentucky Utilities

2017 Sample Test Program ( 01/01/2017-) to ( 12/31/2017 )

Device Category: F2S240V30AC200      Model Number: I608      Division: 01      Sample Lot: 2308      Lot Descr: KU I608 - 1  
 In Service Population: 10,000      Sample Quantity: 75      Meters Tested: 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 "E" # Normal Inspection

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Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy
C203707	100.20	C203906	99.80	C204179	100.20	C204334	100.10	C204456	100.30
C204819	100.30	L002617	100.00	L003519	100.00	L004349	100.20	L006571	99.80
L006786	100.00	L007861	99.60	L008243	99.50	L008894	99.50	L011421	99.80
L016188	99.90	L016665	100.10	L017183	100.20	L017797	100.20	L020032	100.10
L021757	100.00	L091170	100.00	L091206	100.00	L092078	100.30	L092278	99.90
L092393	100.20	L092399	100.00	L092681	100.00	L092851	100.00	L092878	100.30
L093667	99.70	L093669	99.60	L094057	100.30	L094420	99.60	L094434	100.20
L094838	100.20	L095341	99.90	L095415	100.10	L095884	100.10	L096110	99.80
L096424	100.00	L096993	99.90	L098295	99.90	L098343	99.90	L099925	99.90
L099959	99.70	L100533	100.00	L100963	99.90	L101412	99.30	L102035	99.70
L102072	100.00	L102895	100.10	L102988	100.30	L103509	99.70	L103557	99.90
L103840	100.20	L104364	100.50	L105094	99.90	L105399	99.90	L105668	100.00
L105714	99.80	L106150	100.10	L106280	99.90	L107233	100.00	L107676	99.80
L107746	99.80	L107945	99.60	L108242	99.60	L108243	99.80	L108430	99.80
L108635	99.70	L108706	99.80	L108772	99.90	L109052	100.10	L109359	99.90

INFORMATION NEEDED

VALUE OBTAINED

1 Sample Size (N)	75
2 Sum of Measurements: (Sum X)	7496.30
3 Sum of Squared Measurements	749264.01
4 Correction Factor (CF): Sum of Measurements Squared / N	749260.18
5 Corrected Sum of Squares (SS)	3.83
6 Variance (V) : SS/(N-1)	0.0517
7 Estimate of Lot Standard Deviation(S): SQRT of V	0.2274
8 Sample Mean(XBAR): Sum X/N	99.95
9 Upper Specification Limit (U)	102.00
10 Lower Specification Limit (L)	98.00
11 Quality Index Upper (QU): (U-XBAR) / S	9.01
12 Quality Index Lower (QL): (XBAR-L) / S	8.58
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)	4.83
17 Acceptability Criterion: Compare P with M	PASS
18 The Lot Meets the Acceptability Criterion if P <= M	
19 The Lot Fails the Acceptability Criterion if P > M	

Kentucky Utilities

2017 Sample Test Program ( 01/01/2017 ) to ( 12/31/2017 )

Device Category: F2S240V30AC200    Model Number: I608    Division: 01    Sample Lot: 2309    Lot Descr: KU    I608 - 2  
 In Service Population: 10,000    Sample Quantity: 75    Meters Tested: 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 "E" # Normal Inspection

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Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy
C208262	100.40	C214064	99.70	C215119	100.10	L001273	99.50	L001901	100.30
L001938	100.00	L002775	100.10	L003096	100.00	L003599	100.20	L003625	100.30
L004185	99.90	L006171	100.20	L010917	100.00	L013376	100.00	L014889	99.40
L015728	100.30	L018110	99.90	L018422	100.00	L019427	99.60	L021193	100.00
L030122	99.90	L036050	99.70	L037044	100.20	L042708	99.90	L069096	100.10
L070564	99.70	L071788	99.90	L072908	99.70	L073610	100.00	L074029	100.50
L077061	100.20	L079796	99.60	L088968	100.20	L091301	99.80	L101836	99.80
L103900	99.80	L103908	100.00	L109893	100.10	L110001	99.90	L110238	100.00
L111151	99.70	L111471	100.00	L111492	100.00	L111599	100.30	L111752	99.90
L111884	100.00	L111947	100.10	L112144	100.10	L112429	99.70	L112689	99.90
L112714	100.20	L113246	100.00	L113466	100.30	L113605	100.00	L113669	100.00
L114355	100.00	L114850	100.10	L115495	99.60	L115634	99.70	L115902	99.90
L116126	100.20	L116145	99.90	L116275	100.10	L116319	100.00	L116486	100.20
L116715	99.80	L116763	100.00	L116810	99.90	L116848	100.20	L117307	99.80
L117592	99.80	L117751	99.70	L118252	99.90	L118392	100.30	L118436	100.20

INFORMATION NEEDED

VALUE OBTAINED

1 Sample Size (N)	75
2 Sum of Measurements: (Sum X)	7498.40
3 Sum of Squared Measurements	749683.60
4 Correction Factor (CF): Sum of Measurements Squared / N	749680.03
5 Corrected Sum of Squares (SS)	3.57
6 Variance (V) : SS/(N-1)	0.0482
7 Estimate of Lot Standard Deviation(S): SQRT of V	0.2195
8 Sample Mean(XBAR): Sum X/N	99.98
9 Upper Specification Limit (U)	102.00
10 Lower Specification Limit (L)	98.00
11 Quality Index Upper (QU): (U-XBAR) / S	9.21
12 Quality Index Lower (QL): (XBAR-L) / S	9.01
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)	4.83
17 Acceptability Criterion: Compare P with M	PASS
18 The Lot Meets the Acceptability Criterion if P <= M	
19 The Lot Fails the Acceptability Criterion if P > M	

Kentucky Utilities

2017 Sample Test Program ( 01/01/2017 ) to ( 12/31/2017 )

Device Category: F28240V30AC200 Model Number: I608 Division: 01 Sample Lot: 2310 Lot Descr: KU I60S - 3  
 In Service Population: 8,127 Sample Quantity: 75 Meters Tested: 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 "E" # Normal Inspection

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Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy
C218719	100.70	C218771	100.10	C219015	100.40	C219998	100.50	L000122	99.90
L000601	100.30	L001189	99.70	L003137	100.40	L003332	100.00	L004885	99.60
L019840	99.80	L020510	99.80	L020534	100.10	L022955	100.00	L047740	100.10
L076959	100.00	L081603	100.10	L084573	99.50	L092823	100.30	L098015	99.70
L116058	99.90	L118567	100.10	L119085	99.80	L119320	100.00	L119672	99.90
L119912	100.30	L119993	100.00	L120015	100.00	L120139	99.70	L120299	99.60
L120413	100.20	L120624	99.90	L120652	100.00	L120858	100.00	L121001	100.20
L121004	99.90	L121212	99.80	L121241	99.90	L121694	100.00	L121721	100.00
L121835	100.00	L122000	100.10	L122033	105.70	L122051	100.50	L122099	100.00
L122482	99.00	L122836	99.90	L123015	100.00	L123128	100.10	L123263	100.30
L123536	100.10	L123594	99.80	L123923	100.00	L124571	99.90	L124572	99.90
L124648	100.00	L124755	99.70	L124793	100.30	L125159	100.00	L125181	100.10
L125190	100.30	L125449	99.90	L125487	99.90	L125512	99.80	L125662	99.80
L126065	99.80	L126243	100.20	L126380	100.00	L126427	100.00	L126611	100.10
L126696	99.80	L127147	100.10	L127277	100.10	L129385	100.00	L268485	100.00

INFORMATION NEEDED

VALUE OBTAINED

1 Sample Size (N)	75
2 Sum of Measurements: (Sum X)	7505.40
3 Sum of Squared Measurements	751116.98
4 Correction Factor (CF): Sum of Measurements Squared / N	751080.39
5 Corrected Sum of Squares (SS)	36.59
6 Variance (V) : SS/(N-1)	0.4945
7 Estimate of Lot Standard Deviation(S): SQRT of V	0.7032
8 Sample Mean(XBAR): Sum X/N	100.07
9 Upper Specification Limit (U)	102.00
10 Lower Specification Limit (L)	98.00
11 Quality Index Upper (QU): (U-XBAR) / S	2.74
12 Quality Index Lower (QL): (XBAR-L) / S	2.95
13 Estimate of Lot Percent NCF Above U (PU)	0.25
14 Estimate of Lot Percent NCF Below L (PL)	0.12
15 Total Estimate Percent NCF. In Lot (P): PU+PL	0.37
16 Maximum Allowable Percent NCF(M)	4.83
17 Acceptability Criterion: Compare P with M	PASS
18 The Lot Meets the Acceptability Criterion if P <= M	
19 The Lot Fails the Acceptability Criterion if P > M	

Kentucky Utilities

2017 Sample Test Program ( 01/01/2017 ) to ( 12/31/2017 )

Device Category: F2S240V30AC200      Model Number: I70S      Division: 01      Sample Lot: 2311      Lot Descr: KU      I70S - 1  
 In Service Population: 10,000      Sample Quantity: 75      Meters Tested: 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 "E" # Normal Inspection

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Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy
C223153	100.20	C223189	100.00	C223360	100.10	C225500	100.00	C226863	100.30
C229156	100.20	C229175	100.30	C229343	100.40	C230899	100.20	L000341	100.20
L001683	100.10	L004721	100.30	L012223	99.80	L012363	100.00	L013851	100.10
L015818	99.90	L016599	100.20	L017966	100.10	L019162	100.10	L020085	99.80
L020581	100.30	L021966	100.20	L022568	100.30	L032000	100.30	L064447	100.50
L064692	100.10	L076958	100.50	L078260	100.40	L083479	100.30	L083627	100.30
L091283	100.20	L096672	100.20	L100750	99.80	L103994	100.20	L107775	99.80
L114538	100.20	L128030	100.10	L128369	100.10	L128533	99.70	L128546	100.10
L129001	100.20	L129394	99.60	L129650	100.40	L129658	100.10	L129771	100.10
L129877	100.10	L129957	99.90	L130798	100.30	L131026	100.00	L131259	99.60
L131386	100.20	L131844	100.10	L131893	100.50	L132449	100.20	L132519	100.40
L132900	100.60	L132924	100.50	L133244	100.30	L133664	100.20	L133798	100.20
L134312	100.00	L134330	100.60	L134659	99.50	L134662	100.10	L134676	100.10
L134893	99.80	L135261	100.80	L135559	100.30	L136636	100.40	L136731	99.90
L136753	100.00	L136784	99.70	M345367	100.00	M351500	100.00	M384811	100.00

INFORMATION NEEDED

VALUE OBTAINED

1 Sample Size (N)	75
2 Sum of Measurements: (Sum X)	7510.60
3 Sum of Squared Measurements	752125.88
4 Correction Factor (CF): Sum of Measurements Squared / N	752121.50
5 Corrected Sum of Squares (SS)	4.38
6 Variance (V) : SS/(N-1)	0.0592
7 Estimate of Lot Standard Deviation(S): SQRT of V	0.2433
8 Sample Mean(XBAR): Sum X/N	100.14
9 Upper Specification Limit (U)	102.00
10 Lower Specification Limit (L)	98.00
11 Quality Index Upper (QU): (U-XBAR) / S	7.64
12 Quality Index Lower (QL): (XBAR-L) / S	8.80
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)	4.83
17 Acceptability Criterion: Compare P with M	PASS
18 The Lot Meets the Acceptability Criterion if P <= M	
19 The Lot Fails the Acceptability Criterion if P > M	

Kentucky Utilities

2017 Sample Test Program ( 01/01/2017 ) to ( 12/31/2017 )

Device Category: F2S240V30AC200    Model Number: I70S    Division: 01    Sample Lot: 2312    Lot Descr: KU I70S - 2  
 In Service Population: 10,000    Sample Quantity: 75    Meters Tested: 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 "E" # Normal Inspection

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Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy
C232827	100.50	C232852	100.30	C233018	100.10	C235226	100.40	C235308	100.50
C235325	100.10	C238978	100.30	L136913	100.60	L136935	100.00	L136997	100.00
L137346	100.30	L137888	100.10	L138259	100.30	L138307	99.80	L138476	100.20
L138851	100.30	L138912	100.20	L138966	100.20	L138977	100.40	L138999	100.40
L139023	100.30	L139595	100.20	L139597	100.00	L139674	99.80	L139856	100.30
L139872	100.40	L140590	99.70	L140645	100.30	L141052	99.60	L141053	100.00
L141522	99.90	L141600	100.40	L141625	99.70	L142055	101.40	L142369	100.10
L142410	100.10	L142496	100.10	L142546	100.20	L142648	100.10	L142774	100.00
L143142	100.20	L143569	99.80	L143720	100.00	L143793	100.40	L143835	100.60
L144084	100.20	L144089	100.20	L144129	100.20	L144291	100.00	L144606	100.30
L144652	100.30	L144905	100.20	L145002	100.10	L145119	100.00	L145236	100.50
L145353	100.00	L145694	100.50	L145839	99.60	L146270	100.10	L146362	100.30
L146707	100.10	L147032	100.30	L147373	100.30	L148565	100.00	L148678	99.80
L170105	100.00	L170639	100.30	L170725	100.00	L171237	99.70	L171270	100.60
L171308	100.20	W104092	100.10	W104463	100.40	W108042	100.20	W108398	100.30

INFORMATION NEEDED

VALUE OBTAINED

1 Sample Size (N)	75
2 Sum of Measurements: (Sum X)	7513.40
3 Sum of Squared Measurements	752687.86
4 Correction Factor (CF): Sum of Measurements Squared / N	752682.39
5 Corrected Sum of Squares (SS)	5.47
6 Variance (V) : SS/(N-1)	0.0739
7 Estimate of Lot Standard Deviation(S): SQRT of V	0.2718
8 Sample Mean(XBAR): Sum X/N	100.18
9 Upper Specification Limit (U)	102.00
10 Lower Specification Limit (L)	98.00
11 Quality Index Upper (QU): (U-XBAR) / S	6.70
12 Quality Index Lower (QL): (XBAR-L) / S	8.02
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)	4.83
17 Acceptability Criterion: Compare P with M	PASS
18 The Lot Meets the Acceptability Criterion if P <= M	
19 The Lot Fails the Acceptability Criterion if P > M	

Kentucky Utilities

2017 Sample Test Program ( 01/01/2017 ) to ( 12/31/2017 )

Device Category: F2S240V30AC200    Model Number: I708    Division: 01    Sample Lot: 2313    Lot Descr: KU    I708 - 3  
 In Service Population: 10,000    Sample Quantity: 75    Meters Tested: 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 "E" # Normal Inspection

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Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy
C239257	99.50	C242926	100.30	C242983	99.90	C243116	100.20	C243167	100.30
C243258	100.20	C243524	100.00	L172120	100.00	L172349	99.90	L172690	99.90
L172712	100.10	L172726	100.30	L172806	100.50	L172957	100.10	L172978	100.10
L173251	100.00	L173670	100.20	L174397	100.00	L174428	99.80	L174552	100.00
L174592	100.00	L174679	99.40	L175223	99.80	L175352	100.00	L175371	100.20
L176324	100.00	L176600	100.20	L176629	100.10	L176667	99.90	L176751	99.80
L177591	100.30	L177743	100.10	L178049	99.70	L178201	100.30	L178230	100.10
L178251	100.20	L178484	99.90	L178574	99.90	L179239	100.10	L179252	100.00
L179287	99.90	L179529	99.80	L179588	100.00	L180300	100.10	L180542	100.30
L180970	99.90	L181032	100.20	L181095	100.00	L181918	100.40	L182180	100.00
L182660	100.00	L182703	100.10	L182856	100.10	L182864	100.20	L183586	100.50
L183667	100.70	L183882	100.30	L183952	100.10	L184103	100.50	L184244	100.40
L184470	100.20	L184699	100.20	L184712	100.00	L185660	100.00	L185810	99.60
L185853	100.50	L186024	100.10	L186726	100.20	L186923	99.90	L187007	100.00
L187193	100.00	L187425	99.60	L187436	100.00	W109351	99.80	W109765	99.90

INFORMATION NEEDED

VALUE OBTAINED

1 Sample Size (N)	75
2 Sum of Measurements: (Sum X)	7504.80
3 Sum of Squared Measurements	750964.32
4 Correction Factor (CF): Sum of Measurements Squared / N	750960.31
5 Corrected Sum of Squares (SS)	4.01
6 Variance (V) : SS/(N-1)	0.0542
7 Estimate of Lot Standard Deviation(S): SQRT of V	0.2329
8 Sample Mean(XBAR): Sum X/N	100.06
9 Upper Specification Limit (U)	102.00
10 Lower Specification Limit (L)	98.00
11 Quality Index Upper (QU): (U-XBAR) / S	8.31
12 Quality Index Lower (QL): (XBAR-L) / S	8.86
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)	4.83
17 Acceptability Criterion: Compare P with M	PASS
18 The Lot Meets the Acceptability Criterion if P <= M	
19 The Lot Fails the Acceptability Criterion if P > M	

Kentucky Utilities

2017 Sample Test Program ( 01/01/2017 ) to ( 12/31/2017 )

Device Category: F28240V30AC200    Model Number: I708    Division: 01    Sample Lot: 2314    Lot Descr: KU I708 - 4  
 In Service Population: 10,000    Sample Quantity: 75    Meters Tested: 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 "E" # Normal Inspection

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Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy
C221354	100.20	C221370	100.30	C243689	100.20	C247565	100.40	C247994	99.90
C252078	100.60	C252284	100.20	L187818	99.90	L188480	100.20	L188713	99.90
L188834	100.10	L189197	99.60	L189206	99.70	L189306	99.80	L189392	99.90
L189579	100.20	L190220	99.60	L190398	100.50	L190492	100.10	L190585	99.60
L190984	100.20	L191050	100.10	L191085	100.00	L191212	99.90	L191240	100.10
L191330	100.10	L191371	99.70	L192131	99.80	L192289	100.00	L192602	100.00
L192758	100.30	L192800	100.00	L192955	99.90	L192968	99.70	L195017	99.50
L195265	100.20	L195366	100.50	L195580	100.20	L195622	100.00	L195866	99.80
L195901	100.20	L196365	100.10	L196478	100.00	L196567	100.10	L196598	100.40
L196666	100.00	L196678	99.70	L197516	100.00	L197561	100.00	L197797	99.80
L197799	99.80	L197833	100.10	L198476	99.90	L198567	100.00	L198835	99.70
L199637	100.10	L199871	100.20	L199898	100.10	L200136	99.60	L200173	99.80
L200202	99.90	L200203	99.90	L200204	99.70	L200657	100.40	L201752	100.10
L202222	100.00	L203386	99.70	W112456	100.30	W112552	100.20	W114008	100.60
W114020	100.30	W114177	100.10	W114307	100.00	W114308	100.40	W114345	99.90

INFORMATION NEEDED

VALUE OBTAINED

1 Sample Size (N)	75
2 Sum of Measurements: (Sum X)	7502.00
3 Sum of Squared Measurements	750404.64
4 Correction Factor (CF): Sum of Measurements Squared / N	750400.05
5 Corrected Sum of Squares (SS)	4.59
6 Variance (V) : SS/(N-1)	0.0620
7 Estimate of Lot Standard Deviation(S): SQRT of V	0.2490
8 Sample Mean(XBAR): Sum X/N	100.03
9 Upper Specification Limit (U)	102.00
10 Lower Specification Limit (L)	98.00
11 Quality Index Upper (QU): (U-XBAR) / S	7.93
12 Quality Index Lower (QL): (XBAR-L) / S	8.14
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)	4.83
17 Acceptability Criterion: Compare P with M	PASS
18 The Lot Meets the Acceptability Criterion if P <= M	
19 The Lot Fails the Acceptability Criterion if P > M	



Kentucky Utilities

2017 Sample Test Program ( 01/01/2017 ) to ( 12/31/2017 )

Device Category: F2S240V30AC200    Model Number: I708    Division: 01    Sample Lot: 2315    Lot Descr: KU I708 - 5  
 In Service Population: 10,000    Sample Quantity: 75    Meters Tested: 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 "E" # Normal Inspection

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Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy
C252443	100.70	C252451	100.20	C252755	100.30	C252833	100.50	C252912	100.00
C255572	100.10	C255588	100.00	C255702	100.40	C255736	100.10	C255845	99.80
C255852	100.10	L203618	99.90	L204330	100.00	L204373	99.80	L204847	100.30
L204921	100.00	L205029	100.30	L205033	99.90	L205065	100.20	L205293	100.00
L205525	99.90	L205937	100.00	L205941	99.80	L207133	99.90	L207162	99.90
L207434	100.00	L207913	100.20	L208028	100.00	L208135	100.10	L208781	100.20
L208843	100.10	L209014	100.10	L209303	100.00	L209336	100.00	L210228	99.90
L210242	100.20	L210652	100.10	L210719	100.00	L210895	100.00	L210911	99.70
L210942	99.70	L211752	100.00	L212856	100.00	L213089	100.10	L213251	100.10
L213292	99.90	L213358	100.40	L213407	100.00	L213517	100.20	L213827	100.00
L214507	100.00	L214538	100.10	L214633	99.80	L214777	100.00	L214856	100.10
L215067	99.80	L215141	99.90	L215387	99.90	L215431	100.10	L215523	99.40
L217051	99.90	L217192	100.10	L217248	100.10	L217387	99.90	L217678	99.70
L217748	100.10	L217813	100.10	L217889	100.00	W116111	99.90	W116156	100.10
W119026	100.40	W119101	100.10	W119187	100.30	W119195	100.40	W119243	100.20

INFORMATION NEEDED

VALUE OBTAINED

1 Sample Size (N)	75
2 Sum of Measurements: (Sum X)	7503.50
3 Sum of Squared Measurements	750703.15
4 Correction Factor (CF): Sum of Measurements Squared / N	750700.16
5 Corrected Sum of Squares (SS)	2.99
6 Variance (V) : SS/(N-1)	0.0404
7 Estimate of Lot Standard Deviation(S): SQRT of V	0.2009
8 Sample Mean(XBAR): Sum X/N	100.05
9 Upper Specification Limit (U)	102.00
10 Lower Specification Limit (L)	98.00
11 Quality Index Upper (QU): (U-XBAR) / S	9.72
12 Quality Index Lower (QL): (XBAR-L) / S	10.19
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)	4.83
17 Acceptability Criterion: Compare P with M	PASS
18 The Lot Meets the Acceptability Criterion if P <= M	
19 The Lot Fails the Acceptability Criterion if P > M	

Kentucky Utilities

2017 Sample Test Program ( 01/01/2017 ) to ( 12/31/2017 )

Device Category: F2S240V30AC200    Model Number: I708    Division: 01    Sample Lot: 2316    Lot Descr: KU I708 - 6  
 In Service Population: 10,000    Sample Quantity: 75    Meters Tested: 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 "E" # Normal Inspection

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Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy
C256234	100.00	C256239	99.90	C256406	100.20	C256407	100.10	C256423	100.20
C256460	99.90	C256498	100.10	C256512	100.40	C261847	100.40	C261875	100.60
C261883	100.50	C262054	100.10	C262318	99.30	C262374	100.10	C262569	100.10
C262649	100.30	C262675	100.60	C265475	100.20	L219564	100.00	L219752	100.20
L219956	100.10	L220063	100.00	L220118	100.30	L220254	99.50	L220476	100.00
L220537	100.10	L222057	99.60	L222058	100.40	L225057	100.40	L225062	100.00
L225107	100.20	L225271	99.70	L225445	100.30	L225461	100.10	L225567	99.90
L226073	100.40	L226381	100.30	L226616	100.10	L226847	100.20	L226866	100.10
L226963	100.00	L227438	100.20	L233400	100.30	L233780	100.20	L233860	100.30
L234138	99.90	L234155	100.10	L234417	99.90	L234522	99.40	L234565	100.20
L234670	100.10	L234722	100.00	L234726	99.90	L234953	100.00	L234976	99.60
L235021	99.80	L235051	99.90	L235213	99.60	L235486	99.80	L235490	100.40
L235709	99.80	L237603	100.40	L237743	100.40	M402498	100.30	M402640	100.10
M402760	100.00	M403872	100.00	M404060	100.10	M404337	100.20	M404658	100.10
M409492	100.10	W120932	99.70	W120965	100.20	W121147	100.20	W121166	100.10

INFORMATION NEEDED

VALUE OBTAINED

1 Sample Size (N)	75
2 Sum of Measurements: (Sum X)	7506.20
3 Sum of Squared Measurements	751245.48
4 Correction Factor (CF): Sum of Measurements Squared / N	751240.51
5 Corrected Sum of Squares (SS)	4.97
6 Variance (V) : SS/(N-1)	0.0671
7 Estimate of Lot Standard Deviation(S): SQRT of V	0.2591
8 Sample Mean(XBAR): Sum X/N	100.08
9 Upper Specification Limit (U)	102.00
10 Lower Specification Limit (L)	98.00
11 Quality Index Upper (QU): (U-XBAR) / S	7.40
12 Quality Index Lower (QL): (XBAR-L) / S	8.04
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)	4.83
17 Acceptability Criterion: Compare P with M	PASS
18 The Lot Meets the Acceptability Criterion if P <= M	
19 The Lot Fails the Acceptability Criterion if P > M	

Kentucky Utilities

2017 Sample Test Program ( 01/01/2017 ) to ( 12/31/2017 )

Device Category: F28240V30AC200    Model Number: I708    Division: 01    Sample Lot: 2317    Lot Descr: KU I708 - 7  
 In Service Population: 10,000    Sample Quantity: 75    Meters Tested: 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 "E" # Normal Inspection

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Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy
C266796	100.10	C266801	99.90	C266850	100.10	C267069	99.60	C267227	100.20
C267375	100.00	C267399	100.10	C267624	100.30	C267781	99.90	C267812	99.80
C272055	99.90	C272067	100.00	C272136	99.60	C272514	99.90	C272723	100.00
C272732	100.00	C272785	100.00	C272887	100.10	C272912	100.20	C276533	100.40
C276538	100.00	C276745	100.10	C276973	100.30	C277033	99.90	C277220	100.20
C277324	100.20	C277558	99.90	C277606	100.10	C281439	100.50	C281776	100.10
C281929	100.10	C282094	100.20	C282189	100.20	C286811	100.10	C286858	100.10
C287035	100.10	C287135	100.10	C287450	100.10	L174837	100.20	L238002	100.30
L238893	99.70	L238902	99.90	L239663	99.90	L239690	100.00	L239851	99.90
L239962	100.30	L241280	100.00	L241424	99.90	L241430	100.20	L241483	100.30
L241668	100.00	L242532	100.20	L242885	99.70	L244260	100.30	L244373	99.90
L244491	99.70	M420029	100.00	M420088	100.00	M420183	99.70	M420449	100.00
M420497	99.90	M420578	99.90	M420603	99.80	M420612	99.70	M420624	99.70
M420689	99.80	M420842	99.70	M420936	100.00	M420974	100.00	M420983	100.10
W122468	100.20	W122508	100.10	W124076	100.40	W124612	100.10	W127435	100.00

INFORMATION NEEDED

VALUE OBTAINED

1 Sample Size (N)	75
2 Sum of Measurements: (Sum X)	7501.90
3 Sum of Squared Measurements	750382.87
4 Correction Factor (CF): Sum of Measurements Squared / N	750380.05
5 Corrected Sum of Squares (SS)	2.82
6 Variance (V) : SS/(N-1)	0.0381
7 Estimate of Lot Standard Deviation(S): SQRT of V	0.1953
8 Sample Mean(XBAR): Sum X/N	100.03
9 Upper Specification Limit (U)	102.00
10 Lower Specification Limit (L)	98.00
11 Quality Index Upper (QU): (U-XBAR) / S	10.11
12 Quality Index Lower (QL): (XBAR-L) / S	10.37
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)	4.83
17 Acceptability Criterion: Compare P with M	PASS
18 The Lot Meets the Acceptability Criterion if P <= M	
19 The Lot Fails the Acceptability Criterion if P > M	

Kentucky Utilities

2017 Sample Test Program ( 01/01/2017 ) to ( 12/31/2017 )

Device Category: F28240V30AC200    Model Number: I708    Division: 01    Sample Lot: 2318    Lot Descr: KU I708 - 8  
 In Service Population: 10,000    Sample Quantity: 75    Meters Tested: 75    Pass/ Fail: PASS

Test Results Per ANSI/ASQC Z1.9-1993

Double Specification Limit - Variability Unknown - Standard Deviation Method

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One AQL Value for Both Upper and Lower Specification Limit Combined

Run Date: 01/05/2018

AQL = 2.5% - Inspection Level II "E" # Normal Inspection

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Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy
C287769	100.00	C287828	100.00	C290186	99.70	C290469	100.00	C290510	100.20
C290524	100.10	C290786	100.10	C291094	99.90	C292501	100.10	C292659	100.20
C292834	100.30	C292911	99.60	C293374	99.90	C293500	100.20	C293551	99.80
C293805	99.80	C293852	100.00	C294086	100.40	C294222	100.20	C294368	100.40
C294608	100.00	C295970	100.20	C296026	100.20	C296280	100.30	C296310	100.30
C296609	100.00	C296790	100.30	L262422	99.90	L262497	99.90	L262684	100.10
L262709	100.30	L262806	100.00	L262817	100.30	L262994	100.20	L263092	100.10
L263299	100.10	L263326	100.20	L263407	100.30	L263525	100.20	L263643	99.90
L263919	100.50	L263927	100.00	L264186	100.10	L264581	100.20	L264807	100.00
L264862	99.80	L264971	100.20	L264989	100.20	L265055	99.90	L265073	100.10
L265095	100.30	L265171	100.20	L265195	100.10	L265200	100.30	L265298	100.10
L265451	100.30	L265505	100.20	L265549	100.30	L265752	100.10	L266196	99.90
L266329	100.30	W127873	100.10	W128411	100.10	W129318	99.80	W129437	99.90
W129460	100.10	W130116	100.00	W131299	99.60	W131592	100.20	W131754	100.00
W131822	100.50	W131909	100.30	W132070	100.60	W132163	100.60	W132374	100.20

INFORMATION NEEDED

VALUE OBTAINED

1 Sample Size (N)	75
2 Sum of Measurements: (Sum X)	7508.80
3 Sum of Squared Measurements	751764.14
4 Correction Factor (CF): Sum of Measurements Squared / N	751761.03
5 Corrected Sum of Squares (SS)	3.11
6 Variance (V) : SS/(N-1)	0.0420
7 Estimate of Lot Standard Deviation(S): SQRT of V	0.2049
8 Sample Mean(XBAR): Sum X/N	100.12
9 Upper Specification Limit (U)	102.00
10 Lower Specification Limit (L)	98.00
11 Quality Index Upper (QU): (U-XBAR) / S	9.19
12 Quality Index Lower (QL): (XBAR-L) / S	10.33
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)	4.83
17 Acceptability Criterion: Compare P with M	PASS
18 The Lot Meets the Acceptability Criterion if P <= M	
19 The Lot Fails the Acceptability Criterion if P > M	

Kentucky Utilities

2017 Sample Test Program ( 01/01/2017 ) to ( 12/31/2017 )

Device Category: F29240V30AC200      Model Number: I708      Division: 01      Sample Lot: 2319      Lot Descr: KU I70S - 9  
 In Service Population: 10,000      Sample Quantity: 75      Meters Tested: 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 "E" # Normal Inspection

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Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy
C252510	100.40	C299284	100.60	C299295	100.30	C299505	100.20	C299511	100.50
C299787	99.90	C299874	100.10	C304471	99.80	C304619	100.30	C304766	100.20
C304788	100.40	C305051	100.10	C305540	100.20	C335291	99.80	C335411	100.00
C335539	99.80	L266452	100.30	L276505	100.00	L276557	100.00	L276745	100.50
L276779	100.20	L276926	100.10	L277228	100.10	L277277	99.60	L277494	100.00
L291936	100.00	L303850	99.30	L304026	99.70	L304061	99.90	L304143	99.70
L304238	99.90	L304582	99.90	L304644	99.90	L304777	99.70	L304828	100.10
L305011	100.00	L305324	100.00	L305371	99.60	L305499	99.90	L305504	99.50
L305549	99.90	L305557	99.80	L305601	99.80	M433887	100.00	M433900	100.20
M434035	99.80	M434217	99.80	M434435	100.20	M434456	100.00	M434569	100.00
M437837	100.00	M438012	99.50	M438109	99.80	M438202	100.00	M438373	100.10
M438386	100.10	W132733	99.70	W132893	100.20	W133899	100.60	W133972	100.10
W134007	100.20	W134100	100.60	W136092	99.80	W136102	100.20	W136466	100.20
W136487	100.00	W136757	100.00	W136881	100.00	W136918	100.00	W137165	100.10
W137357	100.10	W137429	100.30	W137557	100.50	W137576	100.00	W137793	100.00

INFORMATION NEEDED

VALUE OBTAINED

1 Sample Size (N)	75
2 Sum of Measurements: (Sum X)	7502.10
3 Sum of Squared Measurements	750425.11
4 Correction Factor (CF): Sum of Measurements Squared / N	750420.06
5 Corrected Sum of Squares (SS)	5.05
6 Variance (V) : SS/(N-1)	0.0683
7 Estimate of Lot Standard Deviation(S): SQRT of V	0.2613
8 Sample Mean(XBAR): Sum X/N	100.03
9 Upper Specification Limit (U)	102.00
10 Lower Specification Limit (L)	98.00
11 Quality Index Upper (QU): (U-XBAR) / S	7.55
12 Quality Index Lower (QL): (XBAR-L) / S	7.76
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)	4.83
17 Acceptability Criterion: Compare P with M	PASS
18 The Lot Meets the Acceptability Criterion if P <= M	
19 The Lot Fails the Acceptability Criterion if P > M	

Kentucky Utilities

2017 Sample Test Program ( 01/01/2017 ) to ( 12/31/2017 )

Device Category: F2S240V30AC200      Model Number: I708      Division: 01      Sample Lot: 2320      Lot Descr: KU      I708 - 10  
 In Service Population: 10,000      Sample Quantity: 75      Meters Tested: 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 "E" # Normal Inspection

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Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy
C298565	99.70	C335897	100.00	C336099	99.70	C336186	99.80	C336196	99.80
C336425	99.80	C336827	99.70	C337027	99.60	C337044	99.70	C337210	99.80
C337611	100.20	C337824	99.70	C337923	100.10	C337933	99.70	C338062	100.00
C338116	99.70	C338196	99.80	C338261	99.50	C338456	99.50	C338561	99.40
C338634	99.90	C338948	99.70	C338963	100.00	C339094	99.70	C339337	99.30
C339592	99.80	C339811	100.00	C339901	99.80	C339998	99.80	C340163	99.90
C340573	99.70	C340598	99.70	C340608	99.80	C340848	99.84	C340939	99.70
C341078	99.60	C341314	100.00	C341336	99.90	C341480	99.80	C341518	99.70
C341551	99.80	C341636	100.20	C341866	100.00	C342875	99.80	C343165	99.80
C343341	99.70	C343542	99.60	C343661	100.00	C343879	99.90	C343948	99.70
C344085	99.80	C344284	99.80	C344536	100.00	L305728	99.80	L305801	99.80
L305811	99.70	L306231	99.70	L306367	99.70	L306485	99.70	L306541	99.90
L307100	99.80	L307106	99.80	L307149	99.60	L307286	99.40	L307420	100.00
L307516	99.70	L307866	99.60	L308222	99.90	L308280	99.80	L308335	99.80
L308346	99.80	L308362	99.60	L308579	99.70	L308634	99.50	L308778	99.70

INFORMATION NEEDED

VALUE OBTAINED

1 Sample Size (N)	75
2 Sum of Measurements: (Sum X)	7482.94
3 Sum of Squared Measurements	746594.75
4 Correction Factor (CF): Sum of Measurements Squared / N	746592.68
5 Corrected Sum of Squares (SS)	2.08
6 Variance (V) : SS/(N-1)	0.0280
7 Estimate of Lot Standard Deviation(S): SQRT of V	0.1675
8 Sample Mean(XBAR): Sum X/N	99.77
9 Upper Specification Limit (U)	102.00
10 Lower Specification Limit (L)	98.00
11 Quality Index Upper (QU): (U-XBAR) / S	13.30
12 Quality Index Lower (QL): (XBAR-L) / S	10.58
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)	4.83
17 Acceptability Criterion: Compare P with M	PASS
18 The Lot Meets the Acceptability Criterion if P <= M	
19 The Lot Fails the Acceptability Criterion if P > M	

Kentucky Utilities

2017 Sample Test Program ( 01/01/2017 ) to ( 12/31/2017 )

Device Category: F28240V30AC200 Model Number: I708 Division: 01 Sample Lot: 2321 Lot Descr: KU I708 - 11  
 In Service Population: 10,000 Sample Quantity: 75 Meters Tested: 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 "E" # Normal Inspection

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Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy
C342302	99.60	C342367	99.90	C352015	100.30	C352100	100.10	L308847	99.60
L308976	99.70	L309274	99.70	L309433	99.40	L309642	99.80	L309831	99.00
L309891	99.80	L310021	99.50	L310034	99.70	L310514	99.60	L311024	99.70
L311204	99.70	L311219	99.50	L311547	99.80	L311589	99.60	L311593	99.90
L311616	100.20	L311810	99.70	L312142	99.80	L312220	100.10	L312373	99.50
L312619	99.60	L312953	100.20	M447017	99.80	M447243	99.90	M447636	99.90
W149440	99.70	W149480	99.80	W149659	99.70	W149676	99.60	W149842	99.90
W149968	99.70	W149981	99.50	W150112	99.70	W150525	99.70	W150656	99.80
W150721	100.10	W151068	99.90	W151101	100.00	W151344	99.70	W151350	99.80
W151367	99.80	W151394	99.50	W151465	99.80	W151507	99.90	W151558	100.10
W151793	99.80	W152101	99.80	W152130	100.10	W152321	100.10	W152425	99.60
W152437	100.00	W152459	99.70	W152474	99.70	W152613	99.80	W152646	99.80
W152765	99.90	W152772	100.10	W152825	99.90	W152926	100.00	W153036	100.20
W153047	99.80	W153290	99.90	W153317	99.90	W153362	99.80	W153537	99.90
W153787	99.90	W154003	99.80	W154120	100.00	W154315	99.80	W154343	99.70

INFORMATION NEEDED

VALUE OBTAINED

1 Sample Size (N)	75
2 Sum of Measurements: (Sum X)	7485.30
3 Sum of Squared Measurements	747066.21
4 Correction Factor (CF): Sum of Measurements Squared / N	747062.88
5 Corrected Sum of Squares (SS)	3.33
6 Variance (V) : SS/(N-1)	0.0450
7 Estimate of Lot Standard Deviation(S): SQRT of V	0.2121
8 Sample Mean(XBAR): Sum X/N	99.80
9 Upper Specification Limit (U)	102.00
10 Lower Specification Limit (L)	98.00
11 Quality Index Upper (QU): (U-XBAR) / S	10.35
12 Quality Index Lower (QL): (XBAR-L) / S	8.51
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)	4.83
17 Acceptability Criterion: Compare P with M	PASS
18 The Lot Meets the Acceptability Criterion if P <= M	
19 The Lot Fails the Acceptability Criterion if P > M	

Kentucky Utilities

2017 Sample Test Program ( 01/01/2017 ) to ( 12/31/2017 )

Device Category: F28240V30AC200    Model Number: I708    Division: 01    Sample Lot: 2322    Lot Descr: KU I708 - 12  
 In Service Population: 976    Sample Quantity: 35    Meters Tested: 35    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 "E" # Normal Inspection

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Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy
L268263	100.10	L268308	100.20	W154620	99.60	W154623	99.60	W154693	99.90
W154735	100.00	W154791	99.90	W154824	99.60	W154867	99.90	W154872	99.90
W154891	100.00	W154900	99.80	W154908	99.90	W154941	99.80	W154945	99.70
W154973	99.90	W155046	99.90	W155047	99.70	W155051	99.70	W155067	99.60
W155102	99.40	W155165	99.90	W155166	99.90	W155200	99.80	W155216	99.70
W155295	99.90	W155309	100.10	W155377	99.90	W155386	99.70	W155410	99.90
W155423	99.80	W155430	100.00	W155435	99.70	W155491	99.80	W155586	99.70

INFORMATION NEEDED

VALUE OBTAINED

1 Sample Size (N)	35
2 Sum of Measurements: (Sum X)	3493.90
3 Sum of Squared Measurements	348782.01
4 Correction Factor (CF): Sum of Measurements Squared / N	348781.06
5 Corrected Sum of Squares (SS)	0.95
6 Variance (V) : SS/(N-1)	0.0278
7 Estimate of Lot Standard Deviation(S): SQRT of V	0.1669
8 Sample Mean(XBAR): Sum X/N	99.83
9 Upper Specification Limit (U)	102.00
10 Lower Specification Limit (L)	98.00
11 Quality Index Upper (QU): (U-XBAR) / S	13.03
12 Quality Index Lower (QL): (XBAR-L) / S	10.94
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)	5.58
17 Acceptability Criterion: Compare P with M	PASS
18 The Lot Meets the Acceptability Criterion if P <= M	
19 The Lot Fails the Acceptability Criterion if P > M	



Kentucky Utilities

2017 Sample Test Program ( 01/01/2017 ) to ( 12/31/2017 )

Device Category: F28240V30AC200    Model Number: J4S    Division: 01    Sample Lot: 2323    Lot Descr: KU    J4S - 1  
 In Service Population: 10,000    Sample Quantity: 75    Meters Tested: 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 "E" # Normal Inspection

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Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy
C239498	99.50	C239652	99.90	C239845	103.50	C239907	100.30	C240001	100.20
C240008	100.20	C240162	100.10	C240278	100.10	C240533	100.30	C244529	99.70
C244938	99.80	C244975	100.20	C248779	99.50	C249025	99.60	C253211	99.80
C254046	100.30	C254204	98.90	C258597	100.20	C263023	99.70	C263251	99.90
C263274	99.70	C263544	99.80	C263602	99.50	C267944	100.00	C268016	99.80
C268298	100.10	C268705	100.10	C268858	100.10	C269007	100.20	L240394	99.60
L240530	99.90	L241857	99.60	L241878	99.60	L241939	100.10	M353628	99.90
M374690	100.10	M381752	99.60	M381813	99.80	M387847	100.40	M388192	100.20
M391384	100.50	M391528	100.20	M391993	99.80	M393743	99.90	M394253	99.30
M408636	100.00	M408920	99.60	M409314	99.90	M409392	99.70	M410988	99.60
M412890	100.10	M413131	99.80	M413219	99.50	M413329	99.50	M426419	100.20
M452723	99.40	M452865	99.90	M452867	100.10	W104916	99.40	W105258	100.10
W105771	99.90	W107057	100.20	W108274	100.40	W108720	99.70	W110492	99.70
W111731	100.70	W111936	99.70	W113324	99.90	W113423	99.80	W113604	100.00
W113622	99.80	W118347	100.00	W122211	100.00	W122220	99.70	W122762	100.10

INFORMATION NEEDED

VALUE OBTAINED

1 Sample Size (N)	75
2 Sum of Measurements: (Sum X)	7495.90
3 Sum of Squared Measurements	749200.01
4 Correction Factor (CF): Sum of Measurements Squared / N	749180.22
5 Corrected Sum of Squares (SS)	19.79
6 Variance (V) : SS/(N-1)	0.2674
7 Estimate of Lot Standard Deviation(S): SQRT of V	0.5171
8 Sample Mean(XBAR): Sum X/N	99.95
9 Upper Specification Limit (U)	102.00
10 Lower Specification Limit (L)	98.00
11 Quality Index Upper (QU): (U-XBAR) / S	3.97
12 Quality Index Lower (QL): (XBAR-L) / S	3.76
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)	4.83
17 Acceptability Criterion: Compare P with M	PASS
18 The Lot Meets the Acceptability Criterion if P <= M	
19 The Lot Fails the Acceptability Criterion if P > M	

Kentucky Utilities

2017 Sample Test Program ( 01/01/2017 ) to ( 12/31/2017 )

Device Category: F28240V30AC200    Model Number: J48    Division: 01    Sample Lot: 2324    Lot Descr: KU    J48 - 2  
 In Service Population: 1,006    Sample Quantity: 35    Meters Tested: 35    Pass/ Fail: PASS

Test Results Per ANSI/ASQC Z1.9-1993

Double Specification Limit - Variability Unknown - Standard Deviation Method

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One AQL Value for Both Upper and Lower Specification Limit Combined

Run Date: 01/05/2018

AQL = 2.5% - Inspection Level II "E" # Normal Inspection

Run Time: 11:28:09 AM

Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy
C351324	100.20	C351353	100.10	C351374	99.40	C351485	99.50	C351567	99.80
L243009	100.20	M415465	100.00	M415495	100.00	M415527	99.80	M415534	99.80
M415554	99.50	M415644	100.00	M415688	100.20	M415721	100.00	M415752	99.50
M415858	99.80	M415867	99.70	M415916	99.80	M415950	99.70	M416106	99.60
M416115	99.50	M428308	100.10	W123588	99.90	W123595	99.30	W123600	99.90
W123636	99.60	W123665	100.20	W123707	99.90	W123713	99.60	W123738	99.50
W123753	100.10	W123767	99.80	W123772	99.40	W123788	99.80	W123789	99.80

INFORMATION NEEDED

VALUE OBTAINED

1 Sample Size (N)	35
2 Sum of Measurements: (Sum X)	3493.00
3 Sum of Squared Measurements	348603.66
4 Correction Factor (CF): Sum of Measurements Squared / N	348601.40
5 Corrected Sum of Squares (SS)	2.26
6 Variance (V) : SS/(N-1)	0.0665
7 Estimate of Lot Standard Deviation(S): SQRT of V	0.2578
8 Sample Mean (XBAR): Sum X/N	99.80
9 Upper Specification Limit (U)	102.00
10 Lower Specification Limit (L)	98.00
11 Quality Index Upper (QU): (U-XBAR) / S	8.53
12 Quality Index Lower (QL): (XBAR-L) / S	6.98
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)	5.58
17 Acceptability Criterion: Compare P with M	PASS
18 The Lot Meets the Acceptability Criterion if P <= M	
19 The Lot Fails the Acceptability Criterion if P > M	

Kentucky Utilities

2017 Sample Test Program ( 01/01/2017 ) to ( 12/31/2017 )

Device Category: F2S240V30AC200      Model Number: J5S      Division: 01      Sample Lot: 2325      Lot Descr: KU      J5S - 1  
 In Service Population: 10,000      Sample Quantity: 75      Meters Tested: 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 "E" # Normal Inspection

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Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy
C273112	100.00	C273145	100.00	C273183	99.90	C273278	99.20	C273548	99.60
C273605	99.90	C273976	100.00	C277771	100.10	C277841	100.20	C277960	99.90
C278056	100.10	C278071	100.10	C278231	99.80	C278281	100.20	C278713	100.40
C282314	100.40	C282476	100.10	C282682	99.70	C282803	100.10	C282938	99.80
C283012	100.10	C283351	99.70	C287927	100.00	C288363	100.10	C288399	100.10
C288514	100.10	C288597	99.90	C288676	100.20	C288741	100.20	C288914	99.70
C289009	100.00	C289035	99.70	L243051	99.70	L243105	99.80	L243360	100.10
L244800	99.90	L244881	99.90	L245117	100.00	L245949	99.90	L245956	100.50
L247155	100.10	L247242	99.80	L247402	99.90	L247546	99.70	L247764	100.10
L248101	99.40	L248731	100.30	L250489	100.20	L250505	99.60	L250975	99.60
L251413	99.60	L251510	100.10	L251546	100.00	L251564	99.20	L251703	99.90
L251805	100.30	L252476	100.40	L252596	100.20	L252829	99.70	L253177	100.30
L253282	100.60	L253365	99.50	L253492	99.60	L253687	99.50	L253805	99.80
L254134	99.60	L254182	99.40	L254217	99.50	L254302	99.80	L255719	99.80
W125248	100.00	W125950	99.70	W126165	99.80	W126258	99.40	W126993	99.70

INFORMATION NEEDED

VALUE OBTAINED

1 Sample Size (N)	75
2 Sum of Measurements: (Sum X)	7493.20
3 Sum of Squared Measurements	748647.02
4 Correction Factor (CF): Sum of Measurements Squared / N	748640.62
5 Corrected Sum of Squares (SS)	6.40
6 Variance (V) : SS/(N-1)	0.0865
7 Estimate of Lot Standard Deviation(S): SQRT of V	0.2942
8 Sample Mean(XBAR): Sum X/N	99.91
9 Upper Specification Limit (U)	102.00
10 Lower Specification Limit (L)	98.00
11 Quality Index Upper (QU): (U-XBAR) / S	7.11
12 Quality Index Lower (QL): (XBAR-L) / S	6.49
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)	4.83
17 Acceptability Criterion: Compare P with M	PASS
18 The Lot Meets the Acceptability Criterion if P <= M	
19 The Lot Fails the Acceptability Criterion if P > M	

Kentucky Utilities

2017 Sample Test Program ( 01/01/2017 ) to ( 12/31/2017 )

Device Category: F28240V30AC200    Model Number: J58    Division: 01    Sample Lot: 2326    Lot Descr: KU    J58 - 2  
 In Service Population: 10,000    Sample Quantity: 75    Meters Tested: 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 "E" # Normal Inspection

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Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy
C284000	100.10	C284073	100.30	C284158	100.10	C284351	100.20	C284582	100.10
C291546	100.60	C291599	100.10	C291716	100.00	C291784	100.10	C292075	100.50
C292084	100.00	L254520	100.00	L254773	99.80	L255096	100.20	L255110	99.90
L255244	99.60	L255578	99.90	L255696	100.00	L256458	99.80	L256680	100.10
L256966	99.80	L256990	99.40	L257039	99.60	L257382	100.20	L257404	99.80
L257571	99.90	L257581	99.70	L257744	98.80	L257794	99.90	L258293	100.10
L258310	99.70	L258578	100.00	L258793	100.20	L258810	100.20	L258842	99.20
L258890	99.80	L259111	99.80	L259212	100.20	L259282	99.80	L259728	99.90
L259759	100.00	M421580	100.70	M421582	99.90	M422913	100.00	M422961	100.10
M423018	100.00	M423115	100.00	M423127	99.70	M423451	99.80	M423484	100.00
M423503	99.90	M423680	100.30	M423688	100.00	M424007	100.40	M424299	100.10
M424335	100.00	M424398	99.60	M424584	99.70	M424719	99.70	M424770	99.70
M424877	99.70	M424954	99.80	M428831	100.20	M428850	100.20	M429243	100.20
W128244	100.30	W128822	100.00	W128833	100.00	W129703	100.00	W129756	99.90
W129961	100.00	W130465	99.70	W130467	100.20	W130698	99.90	W130808	100.10

INFORMATION NEEDED

VALUE OBTAINED

1 Sample Size (N)	75
2 Sum of Measurements: (Sum X)	7497.20
3 Sum of Squared Measurements	749446.12
4 Correction Factor (CF): Sum of Measurements Squared / N	749440.10
5 Corrected Sum of Squares (SS)	6.02
6 Variance (V) : SS/(N-1)	0.0813
7 Estimate of Lot Standard Deviation(S): SQRT of V	0.2851
8 Sample Mean(XBAR): Sum X/N	99.96
9 Upper Specification Limit (U)	102.00
10 Lower Specification Limit (L)	98.00
11 Quality Index Upper (QU): (U-XBAR) / S	7.15
12 Quality Index Lower (QL): (XBAR-L) / S	6.88
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)	4.83
17 Acceptability Criterion: Compare P with M	PASS
18 The Lot Meets the Acceptability Criterion if P <= M	
19 The Lot Fails the Acceptability Criterion if P > M	

Kentucky Utilities

2017 Sample Test Program ( 01/01/2017 ) to ( 12/31/2017 )

Device Category: F28240V30AC200 Model Number: J58 Division: 01 Sample Lot: 2327 Lot Descr: KU J58 - 3  
 In Service Population: 10,000 Sample Quantity: 75 Meters Tested: 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 "K" # Normal Inspection

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Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy
C284315	100.00	C284468	100.00	C294826	100.20	C294851	100.20	C295080	99.90
C295083	100.30	C295121	98.80	C295304	100.10	C295580	99.90	C295650	100.20
C297074	100.00	C297206	100.00	C297374	99.40	C297505	99.70	C297540	100.50
C297704	99.90	C297941	100.20	C297999	99.80	C298029	99.70	C300396	100.00
C302895	100.10	C302902	99.80	C303102	100.10	C303134	99.90	L260527	99.80
L260577	99.60	L260603	99.70	L260698	99.80	L260737	99.80	L260783	99.90
L260907	99.20	L261053	99.80	L261104	99.60	L261249	99.90	L261283	100.10
L261320	99.90	L261474	100.10	L261541	99.70	L261735	99.90	L262108	100.30
L262174	100.40	L267026	100.10	L267219	100.30	L267231	100.10	L267311	100.10
L267331	99.60	L267436	100.00	L267826	100.10	L267927	99.90	L269511	100.50
L269887	100.00	L269986	99.70	L270101	100.30	L270371	99.40	L270493	100.10
M429758	100.00	M429881	100.00	M429895	99.90	M429945	100.00	M430133	99.90
M430285	99.80	M430427	100.10	M430559	99.60	M430708	99.60	M430920	100.00
M432155	100.10	M432541	100.00	M432733	100.20	M432803	99.80	M432831	100.10
M433266	100.10	M433271	99.90	M433408	99.50	M433506	99.90	W131013	100.00

INFORMATION NEEDED

VALUE OBTAINED

1 Sample Size (N)	75
2 Sum of Measurements: (Sum X)	7494.90
3 Sum of Squared Measurements	748986.11
4 Correction Factor (CF): Sum of Measurements Squared / N	748980.35
5 Corrected Sum of Squares (SS)	5.76
6 Variance (V) : SS/(N-1)	0.0779
7 Estimate of Lot Standard Deviation(S): SQRT of V	0.2791
8 Sample Mean(XBAR): Sum X/N	99.93
9 Upper Specification Limit (U)	102.00
10 Lower Specification Limit (L)	98.00
11 Quality Index Upper (QU): (U-XBAR) / S	7.41
12 Quality Index Lower (QL): (XBAR-L) / S	6.92
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)	4.83
17 Acceptability Criterion: Compare P with M	PASS
18 The Lot Meets the Acceptability Criterion if P <= M	
19 The Lot Fails the Acceptability Criterion if P > M	

Kentucky Utilities

2017 Sample Test Program ( 01/01/2017 ) to ( 12/31/2017 )

Device Category: F2S240V30AC200    Model Number: J58    Division: 01    Sample Lot: 2328    Lot Descr: KU    J58 - 4  
 In Service Population: 10,000    Sample Quantity: 75    Meters Tested: 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 "R" # Normal Inspection

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Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy
C303661	99.90	C303673	100.10	C303879	99.60	C303921	99.90	C303978	100.30
C304049	99.80	C304379	99.80	C305734	99.40	C305837	99.90	C305886	99.60
C306028	99.80	C306128	99.80	C306404	99.90	C306618	99.80	C307052	99.60
C307078	99.80	C307266	99.50	C307283	100.10	C307340	99.30	C307349	100.00
C307647	100.10	C307679	99.60	C308096	99.50	C308162	100.10	C308211	99.70
C308441	99.80	C308458	100.30	C308521	99.60	C308625	99.80	C308786	100.20
C309014	100.20	C309049	100.00	C309174	99.80	C309237	99.90	C309473	99.50
C309485	99.50	C309508	99.70	C309572	99.80	L270811	100.00	L270883	99.80
L271205	100.10	L271325	100.10	L271326	99.80	L271412	99.80	L271414	99.90
L271445	99.40	L271502	99.70	L271738	99.70	L271874	100.60	L271941	99.70
L272085	99.70	L272426	99.60	L272528	99.70	L273178	99.90	L273306	99.60
L273331	100.30	L273521	100.00	L273621	99.70	L273684	99.80	L274004	99.80
L274341	99.90	L274523	99.80	L274598	100.10	L274980	100.30	L275015	100.00
L275195	99.80	L275661	100.10	L275699	99.60	L275753	99.90	L275841	100.30
L275874	99.60	L276100	99.90	L276381	99.70	P003436	100.40	P007084	99.70

INFORMATION NEEDED

VALUE OBTAINED

1 Sample Size (N)	75
2 Sum of Measurements: (Sum X)	7488.80
3 Sum of Squared Measurements	747766.46
4 Correction Factor (CF): Sum of Measurements Squared / N	747761.67
5 Corrected Sum of Squares (SS)	4.79
6 Variance (V) : SS/(N-1)	0.0647
7 Estimate of Lot Standard Deviation(S): SQRT of V	0.2544
8 Sample Mean(XBAR): Sum X/N	99.85
9 Upper Specification Limit (U)	102.00
10 Lower Specification Limit (L)	98.00
11 Quality Index Upper (QU): (U-XBAR) / S	8.45
12 Quality Index Lower (QL): (XBAR-L) / S	7.28
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)	4.83
17 Acceptability Criterion: Compare P with M	PASS
18 The Lot Meets the Acceptability Criterion if P <= M	
19 The Lot Fails the Acceptability Criterion if P > M	

Kentucky Utilities

2017 Sample Test Program ( 01/01/2017 ) to ( 12/31/2017 )

Device Category: F28240V30AC200    Model Number: J55    Division: 01    Sample Lot: 2329    Lot Descr: KU    J55 - 5  
 In Service Population: 10,000    Sample Quantity: 75    Meters Tested: 75    Pass/ Fail: PASS

Test Results Per ANSI/ASQC Z1.9-1993

Double Specification Limit - Variability Unknown - Standard Deviation Method

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One AQL Value for Both Upper and Lower Specification Limit Combined

Run Date: 01/05/2018

AQL = 2.5% - Inspection Level II "E" # Normal Inspection

Run Time: 11:28:09 AM

Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy
C309904	99.40	C309960	99.60	C310162	100.00	C310388	100.00	C310406	99.90
C310526	99.70	C311204	100.00	C311461	99.20	C311742	99.90	C311786	99.90
C311861	100.10	C311948	99.70	C312470	99.40	C312577	100.10	C312671	100.20
C312713	100.30	C312779	99.90	C312963	100.10	C313274	100.10	C313406	99.70
C313438	99.90	C313592	99.80	C313676	100.10	C313732	100.20	C314020	99.93
C314031	99.90	C314146	100.30	L277621	99.60	L277677	99.60	L277834	100.00
L277852	99.40	L278171	99.30	L278205	99.50	L278316	99.50	L278367	99.80
L278380	99.50	L278467	99.90	L278572	99.90	L278737	99.60	L278839	100.00
L279115	99.70	L279403	99.80	L279487	99.90	L279577	99.80	L279720	99.60
L279970	100.00	L280294	99.80	L280312	98.90	L280358	100.00	L280637	99.70
L280736	99.90	L280761	99.50	L281127	99.70	L281176	99.70	L281392	99.40
L281475	99.90	L281526	99.80	L281641	99.40	L281692	99.60	L282159	99.90
L282166	100.40	L282254	99.60	L282384	99.70	L282400	99.70	L282452	100.00
L282633	99.60	L283003	99.40	L283028	99.90	L283173	99.80	L283476	99.90
L283500	99.60	M436974	99.90	M438710	99.80	M438789	100.30	M439117	99.90

INFORMATION NEEDED

VALUE OBTAINED

1 Sample Size (N)	75
2 Sum of Measurements: (Sum X)	7484.43
3 Sum of Squared Measurements	746894.79
4 Correction Factor (CF): Sum of Measurements Squared / N	746889.23
5 Corrected Sum of Squares (SS)	5.56
6 Variance (V) : SS/(N-1)	0.0752
7 Estimate of Lot Standard Deviation(S): SQRT of V	0.2742
8 Sample Mean(XBAR): Sum X/N	99.79
9 Upper Specification Limit (U)	102.00
10 Lower Specification Limit (L)	98.00
11 Quality Index Upper (QU): (U-XBAR) / S	8.05
12 Quality Index Lower (QL): (XBAR-L) / S	6.54
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)	4.83
17 Acceptability Criterion: Compare P with M	PASS
18 The Lot Meets the Acceptability Criterion if P <= M	
19 The Lot Fails the Acceptability Criterion if P > M	

Kentucky Utilities

2017 Sample Test Program ( 01/01/2017 ) to ( 12/31/2017 )

Device Category: F2S240V30AC200 Model Number: J5S Division: 01 Sample Lot: 2330 Lot Descr: KU J5S - 6  
 In Service Population: 10,000 Sample Quantity: 75 Meters Tested: 75 Pass/ Fail: PASS

Test Results Per ANSI/ASQC Z1.9-1993

Double Specification Limit - Variability Unknown - Standard Deviation Method

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One AQL Value for Both Upper and Lower Specification Limit Combined

Run Date: 01/05/2018

AQL = 2.5% - Inspection Level II "E" # Normal Inspection

Run Time: 11:28:09 AM

Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy
C314260	99.90	C314299	99.90	C314443	99.80	C314773	99.80	C314914	99.60
C315033	99.90	C315227	99.90	C315328	100.00	C315385	100.10	C315626	99.70
C315689	99.60	C315776	100.00	C315824	99.90	C315854	100.00	C316013	100.30
C316266	99.80	C316338	100.00	C316381	100.10	C316589	100.10	C316752	99.80
C316825	100.30	C316905	100.00	C317176	100.00	C317358	100.60	C317406	100.00
C317424	99.90	C317467	100.00	C317504	100.10	C317705	100.10	C317845	99.70
C317919	100.30	C317963	100.30	C317990	100.00	C318271	99.70	C318392	100.10
C318400	99.80	C318474	100.40	C318559	99.70	C319309	99.10	C319351	99.30
C319381	99.90	C319462	100.20	C319552	100.10	C319724	100.00	C319818	100.00
C319916	100.30	C319959	99.80	C320130	99.90	C320412	99.60	C320452	99.90
C320485	100.10	L283684	100.10	L283940	99.70	L284163	99.60	L284260	99.70
L284340	100.00	L284845	100.00	L285059	99.60	L285402	99.90	L285450	100.00
L285470	100.00	L286028	99.90	L286116	100.10	L286167	99.90	M437080	99.70
W138831	99.80	W139022	99.40	W139535	100.00	W139577	99.40	W139705	99.70
W139715	99.60	W139866	99.80	W139895	99.80	W140166	100.50	W140266	100.10

INFORMATION NEEDED

VALUE OBTAINED

1 Sample Size (N)	75
2 Sum of Measurements: (Sum X)	7493.70
3 Sum of Squared Measurements	748745.55
4 Correction Factor (CF): Sum of Measurements Squared / N	748740.53
5 Corrected Sum of Squares (SS)	5.02
6 Variance (V) : SS/(N-1)	0.0678
7 Estimate of Lot Standard Deviation(S): SQRT of V	0.2605
8 Sample Mean(XBAR): Sum X/N	99.92
9 Upper Specification Limit (U)	102.00
10 Lower Specification Limit (L)	98.00
11 Quality Index Upper (QU): (U-XBAR) / S	8.00
12 Quality Index Lower (QL): (XBAR-L) / S	7.36
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)	4.83
17 Acceptability Criterion: Compare P with M	PASS
18 The Lot Meets the Acceptability Criterion if P <= M	
19 The Lot Fails the Acceptability Criterion if P > M	



Kentucky Utilities

2017 Sample Test Program ( 01/01/2017 ) to ( 12/31/2017 )

Device Category: F28240V30AC200 Model Number: J58 Division: 01 Sample Lot: 2331 Lot Descr: KU J58 - 7  
 In Service Population: 10,000 Sample Quantity: 75 Meters Tested: 75 Pass/ Fail: PASS

Test Results Per ANSI/ASQC Z1.9-1993

Double Specification Limit - Variability Unknown - Standard Deviation Method

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One AQL Value for Both Upper and Lower Specification Limit Combined

Run Date: 01/05/2018

AQL = 2.5% - Inspection Level II "E" # Normal Inspection

Run Time: 11:28:09 AM

Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy
C325907	100.40	C325974	100.10	C326665	99.80	C326758	100.00	C326781	100.00
C326801	100.10	C326923	100.20	C327260	100.20	C327287	99.70	C327457	100.30
C327490	100.40	C327508	100.30	C327513	100.40	C327563	99.70	C327736	100.10
C328412	99.80	C328607	99.40	C328626	99.60	C328641	99.90	C328836	99.80
C328837	99.90	C328926	99.30	C329148	99.60	C329176	99.70	C329211	99.60
C329318	99.60	C329346	99.90	C329963	99.60	C330012	100.20	C330140	100.10
C330246	99.90	C330463	99.90	C330582	100.10	C330669	99.60	C330758	100.30
L287004	99.90	L287063	100.70	L291496	99.60	L291740	99.90	L292447	100.40
L292806	100.40	L292929	100.50	L293018	100.10	L293104	100.00	L293373	100.20
M439751	99.60	M440043	100.50	M440116	99.80	M440137	99.60	M440635	99.80
M440749	99.60	M440758	99.80	M440799	100.40	W140486	100.10	W140536	99.70
W140606	99.70	W140722	99.70	W140726	100.60	W140744	99.70	W140926	99.90
W140947	99.80	W140983	100.10	W141030	99.90	W141309	99.60	W141318	99.70
W141319	99.90	W141375	100.00	W141527	99.66	W141550	100.00	W141628	100.00
W141819	99.70	W141889	99.90	W142405	99.80	W142436	99.90	W142458	99.80

INFORMATION NEEDED

VALUE OBTAINED

1 Sample Size (N)	75
2 Sum of Measurements: (Sum X)	7495.46
3 Sum of Squared Measurements	749098.84
4 Correction Factor (CF): Sum of Measurements Squared / N	749092.27
5 Corrected Sum of Squares (SS)	6.56
6 Variance (V) : SS/(N-1)	0.0887
7 Estimate of Lot Standard Deviation(S): SQRT of V	0.2978
8 Sample Mean(XBAR): Sum X/N	99.94
9 Upper Specification Limit (U)	102.00
10 Lower Specification Limit (L)	98.00
11 Quality Index Upper (QU): (U-XBAR) / S	6.92
12 Quality Index Lower (QL): (XBAR-L) / S	6.51
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)	4.83
17 Acceptability Criterion: Compare P with M	PASS
18 The Lot Meets the Acceptability Criterion if P <= M	
19 The Lot Fails the Acceptability Criterion if P > M	

Kentucky Utilities

2017 Sample Test Program ( 01/01/2017 ) to ( 12/31/2017 )

Device Category: F28240V30AC200    Model Number: J58    Division: 01    Sample Lot: 2332    Lot Descr: KU    J58 - 8  
 In Service Population: 10,000    Sample Quantity: 75    Meters Tested: 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 "E" # Normal Inspection

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 Run Date: 01/05/2018  
 Run Time: 11:28:09 AM

Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy
C331161	99.80	C331268	100.10	C331483	100.00	C331505	99.90	C331714	99.90
C349384	99.60	C349451	99.60	C349504	100.00	C349731	99.80	C349864	99.80
C349874	100.10	C349931	99.20	C349962	99.20	C350014	99.70	C350073	99.50
C350210	99.60	C350433	99.70	C350480	99.60	C350545	99.10	C350683	99.30
L268360	100.10	L293697	100.00	L294108	99.90	L294266	99.70	L294360	99.90
L294427	100.40	L294522	100.10	L294661	99.90	L294706	99.80	L294753	100.10
L294828	100.10	L294975	99.70	L295115	100.20	L295173	99.30	L295328	100.20
L295564	100.30	L295762	99.80	L295955	99.80	L296097	99.90	L296237	100.20
L296280	99.90	L296431	100.60	L296699	100.10	L296796	99.90	L296955	99.70
L297124	100.10	L297271	99.70	L297478	99.30	L297517	100.60	M442704	99.80
M442836	100.20	M443224	100.00	M443552	100.30	M443694	99.40	M444116	100.40
M444234	99.90	M444398	99.60	M446425	100.40	M446531	100.40	W144990	100.40
W145005	100.50	W145158	100.50	W145299	99.40	W145348	100.50	W145411	99.60
W145610	100.20	W145682	100.10	W145780	100.20	W145799	100.20	W145921	99.90
W146147	99.70	W146169	99.90	W146535	100.10	W146707	100.00	W146780	99.80

INFORMATION NEEDED

VALUE OBTAINED

1 Sample Size (N)	75
2 Sum of Measurements: (Sum X)	7494.20
3 Sum of Squared Measurements	748849.38
4 Correction Factor (CF): Sum of Measurements Squared / N	748840.45
5 Corrected Sum of Squares (SS)	8.93
6 Variance (V) : SS/(N-1)	0.1207
7 Estimate of Lot Standard Deviation(S): SQRT of V	0.3474
8 Sample Mean(XBAR): Sum X/N	99.92
9 Upper Specification Limit (U)	102.00
10 Lower Specification Limit (L)	98.00
11 Quality Index Upper (QU): (U-XBAR) / S	5.98
12 Quality Index Lower (QL): (XBAR-L) / S	5.53
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)	4.83
17 Acceptability Criterion: Compare P with M	PASS
18 The Lot Meets the Acceptability Criterion if P <= M	
19 The Lot Fails the Acceptability Criterion if P > M	

Kentucky Utilities

2017 Sample Test Program ( 01/01/2017 ) to ( 12/31/2017 )

Device Category: F28240V30AC200    Model Number: J58    Division: 01    Sample Lot: 2333    Lot Descr: KU    J58 - 9  
 In Service Population: 10,000    Sample Quantity: 75    Meters Tested: 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 "K" # Normal Inspection

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Run Date: 01/05/2018

Run Time: 11:28:09 AM

Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy
C350866	99.40	C350887	99.00	C350997	99.10	C353124	99.50	C353237	99.90
C353314	99.50	C353353	99.80	C353363	99.30	C353437	99.80	C353600	99.70
C353623	99.70	C353741	99.50	C353991	100.20	C354039	99.60	C354238	100.20
C354345	99.60	C354608	100.50	C354700	100.00	C354776	99.80	C355025	99.60
C355341	99.10	C355490	99.40	C356247	100.40	C356362	99.60	C356444	100.50
C356449	100.50	C356490	99.70	C356610	99.40	C356784	99.20	C357009	99.70
C357073	99.90	C357129	99.70	C357328	100.00	C357551	99.60	C357563	100.00
C357685	100.40	C358327	99.60	C358494	99.70	C358611	99.40	C358645	99.90
C358755	99.20	C358813	99.50	C358875	100.00	C359180	100.10	C359410	100.20
C359433	100.00	C359576	100.00	C359592	99.70	C359787	100.30	C360046	100.20
L313390	99.60	L313411	99.90	L313537	99.20	L313696	99.60	L313793	99.20
L313955	99.70	L314161	99.70	L314613	99.80	L314862	100.00	L315318	98.90
L315454	99.70	L315565	99.60	L315760	99.90	L316041	99.60	L316051	99.80
L316121	99.30	L316287	99.70	L316421	99.30	L316629	99.10	L316662	100.00
L316798	99.20	L316868	99.40	L317133	99.00	L317157	98.40	L317296	99.70

INFORMATION NEEDED

VALUE OBTAINED

1 Sample Size (N)	75
2 Sum of Measurements: (Sum X)	7475.90
3 Sum of Squared Measurements	745199.93
4 Correction Factor (CF): Sum of Measurements Squared / N	745187.74
5 Corrected Sum of Squares (SS)	12.19
6 Variance (V) : SS/(N-1)	0.1647
7 Estimate of Lot Standard Deviation(S): SQRT of V	0.4058
8 Sample Mean (XBAR): Sum X/N	99.68
9 Upper Specification Limit (U)	102.00
10 Lower Specification Limit (L)	98.00
11 Quality Index Upper (QU): (U-XBAR) / S	5.72
12 Quality Index Lower (QL): (XBAR-L) / S	4.14
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)	4.83
17 Acceptability Criterion: Compare P with M	PASS
18 The Lot Meets the Acceptability Criterion if P <= M	
19 The Lot Fails the Acceptability Criterion if P > M	

Kentucky Utilities

2017 Sample Test Program ( 01/01/2017 ) to ( 12/31/2017 )

Device Category: F28240V30AC200    Model Number: J58    Division: 01    Sample Lot: 2334    Lot Descr: KU    J58 - 10  
 In Service Population: 10,000    Sample Quantity: 75    Meters Tested: 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 "E" # Normal Inspection

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 Run Date: 01/05/2018  
 Run Time: 11:28:09 AM

Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy
C360219	99.70	C360289	99.90	C360486	99.20	C360554	100.00	C360594	99.30
C360631	99.00	C360701	99.30	C360831	100.10	C360862	99.20	C360891	99.90
C360895	99.10	C360917	98.80	C360932	99.60	C360940	98.90	C361255	100.00
C361671	99.00	C361682	99.50	C362115	99.90	C362276	99.00	C362321	99.00
C362520	100.50	C362574	99.50	C362707	99.60	C362917	99.30	C363023	99.20
C363448	99.00	C363945	99.10	C363956	99.00	C364140	99.80	C364597	100.00
C364637	100.10	C364716	98.20	C364977	98.90	C365341	99.90	C365602	99.30
C365725	100.10	C366388	99.00	C366754	99.40	C366769	99.10	C366880	99.30
C366883	99.50	C366901	99.90	C367095	99.50	C367402	100.00	C367625	100.10
C367633	99.80	C367668	99.00	C367894	99.40	C367923	98.50	C367943	99.30
M448234	99.50	M448286	99.40	M448404	99.40	M448558	99.70	M448630	99.50
M448903	99.10	M449177	99.50	M449260	99.30	M449266	99.30	M449273	99.10
M449426	99.90	M449484	99.30	M449663	99.60	M449748	100.00	M449765	99.30
M449852	99.20	M450064	99.80	M450105	98.40	M450250	99.60	M450291	99.30
M450359	99.30	M450402	98.80	M450487	100.00	M450591	100.20	M450832	99.60

INFORMATION NEEDED

VALUE OBTAINED

1 Sample Size (N)	75
2 Sum of Measurements: (Sum X)	7457.80
3 Sum of Squared Measurements	741598.52
4 Correction Factor (CF): Sum of Measurements Squared / N	741583.74
5 Corrected Sum of Squares (SS)	14.78
6 Variance (V) : SS/(N-1)	0.1997
7 Estimate of Lot Standard Deviation(S): SQRT of V	0.4468
8 Sample Mean(XBAR): Sum X/N	99.44
9 Upper Specification Limit (U)	102.00
10 Lower Specification Limit (L)	98.00
11 Quality Index Upper (QU): (U-XBAR) / S	5.74
12 Quality Index Lower (QL): (XBAR-L) / S	3.22
13 Estimate of Lot Percent NCF Above U (PU)	0.00
14 Estimate of Lot Percent NCF Below L (PL)	0.04
15 Total Estimate Percent NCF. In Lot (P): PU+PL	0.04
16 Maximum Allowable Percent NCF(M)	4.83
17 Acceptability Criterion: Compare P with M	PASS
18 The Lot Meets the Acceptability Criterion if P <= M	
19 The Lot Fails the Acceptability Criterion if P > M	

Kentucky Utilities

2017 Sample Test Program ( 01/01/2017 ) to ( 12/31/2017 )

Device Category: F2S240V30AC200    Model Number: J58    Division: 01    Sample Lot: 2335    Lot Descr: KU    J58 - 11  
 In Service Population: 10,000    Sample Quantity: 75    Meters Tested: 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 "E" # Normal Inspection

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Run Date: 01/05/2018

Run Time: 11:28:09 AM

Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy
C368101	99.80	C368117	100.00	C370067	99.60	C370384	99.90	C370519	100.50
C370524	100.40	C370537	99.80	C371214	99.40	C371398	99.60	C371514	99.60
C371527	99.40	C371579	99.00	C371602	99.40	C371609	99.90	C371615	99.40
C371650	99.70	C371675	99.60	C371940	99.70	C371966	99.20	C371969	99.50
C371996	99.90	C372074	99.70	C372198	99.60	C372473	99.30	C372580	98.40
C372676	99.30	C372771	99.50	C372774	100.00	C372937	99.90	C373225	99.70
C373303	99.20	C373326	99.30	C373573	99.00	C373813	99.50	C373885	100.00
C374099	99.80	C374367	100.00	C374396	99.50	C374633	99.90	C374979	99.70
C375027	99.60	C375309	99.90	C375431	100.00	C375438	99.60	C375592	100.00
C375670	100.20	C375853	100.10	C375878	100.00	C375985	99.90	C376004	99.70
C376173	99.90	C376333	100.10	C376660	100.10	C376683	99.40	C376694	100.10
C376794	99.80	C376996	100.00	C377094	99.80	C377209	99.90	C377225	100.00
C377256	99.60	C377447	99.60	C377708	100.10	C377782	100.30	C377818	99.70
C378830	100.10	C378841	99.80	C378866	100.00	C378929	100.00	C379346	99.70
C379514	99.50	C379890	99.80	C380048	99.70	C380067	99.70	C380239	99.60

INFORMATION NEEDED

VALUE OBTAINED

1 Sample Size (N)	75
2 Sum of Measurements: (Sum X)	7479.90
3 Sum of Squared Measurements	745993.83
4 Correction Factor (CF): Sum of Measurements Squared / N	745985.39
5 Corrected Sum of Squares (SS)	8.44
6 Variance (V) : SS/(N-1)	0.1141
7 Estimate of Lot Standard Deviation(S): SQRT of V	0.3378
8 Sample Mean(XBAR): Sum X/N	99.73
9 Upper Specification Limit (U)	102.00
10 Lower Specification Limit (L)	98.00
11 Quality Index Upper (QU): (U-XBAR) / S	6.71
12 Quality Index Lower (QL): (XBAR-L) / S	5.13
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)	4.83
17 Acceptability Criterion: Compare P with M	PASS
18 The Lot Meets the Acceptability Criterion if P <= M	
19 The Lot Fails the Acceptability Criterion if P > M	

Kentucky Utilities

2017 Sample Test Program ( 01/01/2017 ) to ( 12/31/2017 )

Device Category: F28240V30AC200 Model Number: J58 Division: 01 Sample Lot: 2336 Lot Descr: KU J58 - 12  
 In Service Population: 10,000 Sample Quantity: 75 Meters Tested: 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 "E" # Normal Inspection

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Run Date: 01/05/2018

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Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy
C384078	99.80	C384091	99.70	C384159	100.00	C384322	99.60	C384323	100.00
C384783	99.60	C384807	100.00	C384864	99.70	C385203	99.40	C385261	100.60
C385362	99.30	C385400	99.60	C385507	99.00	C385826	99.90	C385868	99.70
C385910	99.50	C385920	99.90	C386076	100.20	C386179	99.40	C386286	99.80
C386321	100.20	C386667	99.70	C386786	99.80	C387115	100.00	C387125	99.90
C387264	99.90	C387836	99.60	C387957	99.70	C388081	99.90	C388636	100.10
C388706	99.80	C388719	100.10	C388916	99.70	C388935	99.80	C389035	100.10
C389396	100.00	C389491	99.90	C389825	100.20	C390008	99.60	C390084	99.60
C390092	99.90	C390156	100.20	C390275	99.70	C390285	99.50	C390493	99.90
C391753	99.70	C392306	99.90	C392380	99.80	C392604	100.20	C392718	100.00
C392831	99.60	C392940	99.50	C393076	99.80	C393218	99.80	C393223	99.70
C393381	100.00	C393426	100.00	C393575	99.60	C393760	99.90	C393771	99.90
C393858	100.10	C393864	99.90	C393966	99.70	C393986	100.00	C394038	100.00
C394089	100.30	C394104	99.90	C394717	99.90	C394779	99.70	C394787	100.30
C395062	99.80	C395258	100.60	C395330	100.00	C395352	99.80	C395463	100.10

INFORMATION NEEDED

VALUE OBTAINED

1 Sample Size (N)	75
2 Sum of Measurements: (Sum X)	7489.00
3 Sum of Squared Measurements	747806.92
4 Correction Factor (CF): Sum of Measurements Squared / N	747801.61
5 Corrected Sum of Squares (SS)	5.31
6 Variance (V) : SS/(N-1)	0.0717
7 Estimate of Lot Standard Deviation(S): SQRT of V	0.2678
8 Sample Mean(XBAR): Sum X/N	99.85
9 Upper Specification Limit (U)	102.00
10 Lower Specification Limit (L)	98.00
11 Quality Index Upper (QU): (U-XBAR) / S	8.02
12 Quality Index Lower (QL): (XBAR-L) / S	6.92
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)	4.83
17 Acceptability Criterion: Compare P with M	PASS
18 The Lot Meets the Acceptability Criterion if P <= M	
19 The Lot Fails the Acceptability Criterion if P > M	

Kentucky Utilities

2017 Sample Test Program ( 01/01/2017 ) to ( 12/31/2017 )

Device Category: F28240V30AC200    Model Number: J58    Division: 01    Sample Lot: 2337    Lot Descr: KU    J58 - 13  
 In Service Population: 10,000    Sample Quantity: 75    Meters Tested: 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 "E" # Normal Inspection

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Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy
C395783	100.00	C395846	100.00	C395996	100.20	C396112	100.00	C396129	100.00
C396279	100.40	C396481	99.70	C396518	99.70	C396528	100.40	C396732	100.00
C397045	100.10	C397160	99.90	C397224	100.40	C397569	100.70	C397656	100.10
C397998	100.00	C398641	100.10	C398848	100.30	C398949	100.30	C399043	100.20
C399094	99.60	C399237	100.30	C399354	100.20	C399359	99.50	C399393	99.80
C399954	100.50	C400704	99.90	C400798	100.10	C400808	100.00	C400927	99.70
C401183	99.80	C401261	100.10	C401331	100.30	C401467	99.60	C401531	100.10
C401552	100.40	C401741	100.00	C402168	99.80	C402347	100.00	C402436	99.80
C402482	100.00	C402658	99.50	C402721	100.10	C402724	99.60	C402728	99.70
C402758	100.00	C402805	99.60	C402808	99.50	C402848	99.90	C402937	100.30
C403122	100.20	C403187	100.00	C403399	99.70	C403413	99.70	C403572	100.10
C403704	100.20	C403720	99.80	C403923	100.10	C404193	99.60	C404390	99.70
C404466	99.40	C404473	99.70	C404822	100.50	C404842	99.60	C404880	99.70
C404912	99.50	C405125	99.60	C405216	100.10	C405510	99.50	C405625	98.40
C405782	99.90	C405912	98.70	C406048	100.20	C406142	99.30	C406314	100.00

INFORMATION NEEDED

VALUE OBTAINED

1 Sample Size (N)	75
2 Sum of Measurements: (Sum X)	7493.40
3 Sum of Squared Measurements	748690.94
4 Correction Factor (CF): Sum of Measurements Squared / N	748680.58
5 Corrected Sum of Squares (SS)	10.36
6 Variance (V) : SS/(N-1)	0.1400
7 Estimate of Lot Standard Deviation(S): SQRT of V	0.3742
8 Sample Mean(XBAR): Sum X/N	99.91
9 Upper Specification Limit (U)	102.00
10 Lower Specification Limit (L)	98.00
11 Quality Index Upper (QU): (U-XBAR) / S	5.58
12 Quality Index Lower (QL): (XBAR-L) / S	5.11
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)	4.83
17 Acceptability Criterion: Compare P with M	PASS
18 The Lot Meets the Acceptability Criterion if P <= M	
19 The Lot Fails the Acceptability Criterion if P > M	

Kentucky Utilities

2017 Sample Test Program ( 01/01/2017 ) to ( 12/31/2017 )

Device Category: F2S240V30AC200    Model Number: J58    Division: 01    Sample Lot: 2338    Lot Descr: KU    J58 - 14  
 In Service Population: 10,000    Sample Quantity: 75    Meters Tested: 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 "E" # Normal Inspection

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Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy
C410462	99.80	C410496	99.60	C410775	98.90	C410888	99.60	C410895	99.70
C411034	99.90	C411200	98.90	C411280	99.30	C411332	99.60	C411446	99.40
C411483	99.80	C411494	99.20	C411507	99.60	C411763	99.50	C412161	99.00
C412286	99.70	C412307	98.90	C412359	99.10	C412665	99.40	C412724	99.70
C412956	99.50	C412965	100.00	C413191	99.50	C413357	99.60	C413689	99.30
C413710	98.80	C414060	98.30	C414063	99.30	C414249	99.50	C414347	99.80
C414460	99.60	C414486	99.70	C414538	99.40	C414573	100.00	C414835	99.50
C415123	99.40	C415196	99.70	C417619	99.40	C417675	99.50	C417731	99.50
C417873	99.20	C418111	99.70	C418483	98.40	C418488	99.20	C418674	100.10
C418847	99.20	C418949	99.50	C419010	98.70	C419091	99.50	C419109	99.30
C419656	99.20	C419685	99.50	C419759	99.80	C419812	100.00	C419836	99.00
C419947	99.70	C419986	99.20	C420002	99.60	C420161	99.90	C420827	99.30
C420893	99.10	C420919	99.80	C421259	99.60	C421361	99.60	C421426	99.30
C421443	99.60	C421515	99.40	C421693	98.90	C421764	99.00	C422029	99.30
C422038	99.60	C422253	100.00	C422431	98.70	C422604	99.30	C422700	99.60

INFORMATION NEEDED

VALUE OBTAINED

1 Sample Size (N)	75
2 Sum of Measurements: (Sum X)	7456.70
3 Sum of Squared Measurements	741374.93
4 Correction Factor (CF): Sum of Measurements Squared / N	741365.00
5 Corrected Sum of Squares (SS)	9.93
6 Variance (V) : SS/(N-1)	0.1342
7 Estimate of Lot Standard Deviation(S): SQRT of V	0.3663
8 Sample Mean(XBAR): Sum X/N	99.42
9 Upper Specification Limit (U)	102.00
10 Lower Specification Limit (L)	98.00
11 Quality Index Upper (QU): (U-XBAR) / S	7.04
12 Quality Index Lower (QL): (XBAR-L) / S	3.88
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)	4.83
17 Acceptability Criterion: Compare P with M	PASS
18 The Lot Meets the Acceptability Criterion if P <= M	
19 The Lot Fails the Acceptability Criterion if P > M	



Kentucky Utilities

2017 Sample Test Program ( 01/01/2017 ) to ( 12/31/2017 )

Device Category: F28240V30AC200    Model Number: J58    Division: 01    Sample Lot: 2339    Lot Descr: KU    J58 - 15  
 In Service Population: 2,662    Sample Quantity: 50    Meters Tested: 50    Pass/ Fail: PASS

Test Results Per ANSI/ASQC Z1.9-1993

Double Specification Limit - Variability Unknown - Standard Deviation Method

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One AQL Value for Both Upper and Lower Specification Limit Combined

Run Date: 01/05/2018

AQL = 2.5% - Inspection Level II "E" # Normal Inspection

Run Time: 11:28:09 AM

Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy
C422751	99.70	C422925	99.40	C422973	99.90	C422978	98.50	C422988	99.20
C423023	99.30	C423074	98.90	C423123	99.70	C423171	99.00	C423243	98.80
C423256	99.70	C423321	99.40	C423341	99.10	C423343	99.50	C423397	99.40
C423460	98.80	C423476	99.00	C423484	99.60	C423562	99.40	C423574	99.50
C423619	99.10	C423657	100.50	C423696	99.90	C423788	100.00	C423813	99.40
C423870	100.00	C424008	100.10	C424108	99.90	C424145	100.00	C424149	99.60
C424159	99.20	C424173	100.00	C424360	99.10	C424376	99.50	C424429	99.80
C424521	99.40	C424527	99.30	C424625	99.60	C424631	99.20	C424730	99.90
C424861	99.90	C424873	99.80	C424943	99.80	C425044	99.20	C425106	98.80
C425191	99.60	C425223	99.30	C425238	99.50	C425280	99.50	C425512	99.90

INFORMATION NEEDED

VALUE OBTAINED

1 Sample Size (N)	50
2 Sum of Measurements: (Sum X)	4974.60
3 Sum of Squared Measurements	494941.00
4 Correction Factor (CF): Sum of Measurements Squared / N	494932.90
5 Corrected Sum of Squares (SS)	8.10
6 Variance (V) : SS/(N-1)	0.1652
7 Estimate of Lot Standard Deviation(S): SQRT of V	0.4065
8 Sample Mean(XBAR): Sum X/N	99.49
9 Upper Specification Limit (U)	102.00
10 Lower Specification Limit (L)	98.00
11 Quality Index Upper (QU): (U-XBAR) / S	6.17
12 Quality Index Lower (QL): (XBAR-L) / S	3.67
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)	5.21
17 Acceptability Criterion: Compare P with M	PASS
18 The Lot Meets the Acceptability Criterion if P <= M	
19 The Lot Fails the Acceptability Criterion if P > M	

Kentucky Utilities

2017 Sample Test Program ( 01/01/2017 ) to ( 12/31/2017 )

Device Category: F28240V30AC200      Model Number: MQS      Division: 01      Sample Lot: 2340      Lot Descr: KU      MQS  
 In Service Population: 3,439      Sample Quantity: 75      Meters Tested: 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 "E" # Normal Inspection

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Run Date: 01/05/2018

Run Time: 11:28:09 AM

Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy
C205195	100.20	C205227	100.40	C205234	100.30	C205366	100.10	C205645	100.70
C205664	100.00	C205669	99.90	C206436	100.20	C206441	100.00	C206443	99.60
C207107	99.90	C207128	100.10	C207424	99.90	C207457	100.00	C207536	99.60
C207565	99.70	C207588	99.40	C208094	99.90	C208188	99.70	C208576	99.60
C209426	99.00	C210291	100.00	C211213	100.20	C211323	100.00	C212088	99.80
C212141	99.70	C212231	99.50	C212696	99.70	C212724	100.20	C212782	100.10
C212785	100.10	C214157	100.30	C214159	100.20	C214636	100.10	C214716	100.40
C214738	100.40	C215641	100.60	C216445	100.00	C216516	100.10	C216548	99.80
C217946	99.70	C218130	99.70	C219131	99.40	C222607	100.20	C222667	99.80
C223602	99.90	M349442	99.70	M349454	99.60	M362778	99.90	M371724	99.90
M371734	100.20	M372140	100.30	M381092	99.70	M387457	100.10	W092444	100.30
W092452	100.10	W092836	100.60	W092838	100.20	W092915	100.30	W092971	100.40
W094165	100.10	W094885	100.00	W094989	99.90	W095471	100.00	W095550	100.30
W096136	99.70	W096171	100.10	W097119	100.20	W098235	99.50	W099107	99.70
W099152	100.80	W099172	100.00	W099393	100.20	W100263	99.90	W101467	99.90

INFORMATION NEEDED

VALUE OBTAINED

1 Sample Size (N)	75 /
2 Sum of Measurements: (Sum X)	7499.70
3 Sum of Squared Measurements	749947.51
4 Correction Factor (CF): Sum of Measurements Squared / N	749940.00
5 Corrected Sum of Squares (SS)	7.51
6 Variance (V) : SS/(N-1)	0.1015
7 Estimate of Lot Standard Deviation(S): SQRT of V	0.3185
8 Sample Mean(XBAR): Sum X/N	100.00
9 Upper Specification Limit (U)	102.00
10 Lower Specification Limit (L)	98.00
11 Quality Index Upper (QU): (U-XBAR) / S	6.29
12 Quality Index Lower (QL): (XBAR-L) / S	6.27
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)	4.83
17 Acceptability Criterion: Compare P with M	PASS
18 The Lot Meets the Acceptability Criterion if P <= M	
19 The Lot Fails the Acceptability Criterion if P > M	

Kentucky Utilities

2017 Sample Test Program ( 01/01/2017 ) to ( 12/31/2017 )

Device Category: F28240V30AC200 Model Number: MS Division: 01 Sample Lot: 2341 Lot Descr: KU MS - 1  
 In Service Population: 10,000 Sample Quantity: 75 Meters Tested: 75 Pass/ Fail: PASS

Test Results Per ANSI/ASQC Z1.9-1993

Double Specification Limit - Variability Unknown - Standard Deviation Method

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One AQL Value for Both Upper and Lower Specification Limit Combined

Run Date: 01/05/2018

AQL = 2.5% - Inspection Level II "E" # Normal Inspection

Run Time: 11:28:09 AM

Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy
C225081	100.30	C227315	99.60	C227395	100.10	C231140	100.00	C231304	99.70
C231317	99.90	C231394	100.10	C231813	99.90	C231815	100.30	C232492	100.00
C234735	99.80	C237945	99.90	C238043	99.80	C238072	100.00	C241829	100.10
C241962	100.00	L020064	99.50	L103671	100.10	L132728	100.10	L133436	99.90
L135702	99.50	L136152	99.90	L137641	100.10	L137693	100.20	L138060	100.20
L141296	100.20	L142819	99.70	L142871	100.40	L142912	100.30	L142979	100.20
L149890	100.00	L149954	99.40	L171779	100.10	L172054	100.10	L173592	99.90
L176033	100.00	L177194	99.70	L177402	99.40	L178766	99.90	L179789	99.60
L179912	100.00	L179934	99.40	L181338	100.30	L181365	99.80	L181475	99.60
L181604	100.00	L181680	100.20	L182931	99.90	L183175	99.90	L183202	100.10
L185207	100.30	L185350	99.90	L186599	100.10	L186707	100.10	L187897	100.00
L188209	100.20	L188351	100.20	L189815	100.00	L189840	100.10	L189855	100.10
L189900	100.20	L190041	100.10	L190093	100.40	L190105	100.00	M351004	100.00
M352008	100.20	M352084	100.50	M386316	99.50	M386345	99.70	W103529	99.80
W103607	100.30	W105089	100.20	W105091	100.30	W105286	100.50	W108542	100.50

INFORMATION NEEDED

VALUE OBTAINED

1 Sample Size (N)	75
2 Sum of Measurements: (Sum X)	7500.30
3 Sum of Squared Measurements	750065.17
4 Correction Factor (CF): Sum of Measurements Squared / N	750060.00
5 Corrected Sum of Squares (SS)	5.17
6 Variance (V) : SS/(N-1)	0.0698
7 Estimate of Lot Standard Deviation(S): SQRT of V	0.2643
8 Sample Mean(XBAR): Sum X/N	100.00
9 Upper Specification Limit (U)	102.00
10 Lower Specification Limit (L)	98.00
11 Quality Index Upper (QU): (U-XBAR) / S	7.55
12 Quality Index Lower (QL): (XBAR-L) / S	7.58
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)	4.83
17 Acceptability Criterion: Compare P with M	PASS
18 The Lot Meets the Acceptability Criterion if P <= M	
19 The Lot Fails the Acceptability Criterion if P > M	

Kentucky Utilities

2017 Sample Test Program ( 01/01/2017 ) to ( 12/31/2017 )

Device Category: F28240V30AC200    Model Number: MS    Division: 01    Sample Lot: 2342    Lot Descr: KU    MS - 2  
 In Service Population: 10,000    Sample Quantity: 75    Meters Tested: 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 "E" # Normal Inspection

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Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy
C242205	100.20	C242481	100.00	C242636	99.80	C242773	99.90	C242809	100.10
C246451	100.10	C246490	100.00	C246603	100.20	C246704	100.00	C247037	100.20
C247043	100.10	C247323	100.00	C247436	100.20	C247493	100.10	L193120	100.00
L193597	100.00	L193636	99.70	L193766	100.10	L193834	100.10	L194012	99.60
L194100	100.20	L194460	99.90	L194594	100.10	L197054	99.70	L197149	100.10
L197329	99.50	L197345	100.00	L197422	100.10	L197468	99.40	L197959	99.80
L198132	99.30	L198187	100.00	L198399	100.00	L199175	99.60	L199244	99.90
L199502	99.60	L202490	99.80	L202635	99.90	L202699	99.70	L202840	99.90
L202866	99.90	L203223	100.10	L203367	100.10	L206484	100.10	L206540	99.90
L206833	100.00	L208299	98.80	L208384	99.70	L209605	100.10	L209705	100.30
L209825	100.20	L211187	99.70	L211241	100.00	L211264	100.10	L211565	100.10
L211617	99.90	L211622	100.10	M384383	99.60	M384676	99.90	W109829	100.10
W110395	100.20	W110717	100.20	W111037	100.40	W111326	100.00	W111569	100.20
W111586	100.20	W112838	100.10	W112884	100.20	W115134	100.10	W115299	99.80
W115382	100.80	W115443	99.90	W115703	100.00	W115886	100.20	W117152	99.90

INFORMATION NEEDED

VALUE OBTAINED

1 Sample Size (N)	75
2 Sum of Measurements: (Sum X)	7497.80
3 Sum of Squared Measurements	749565.46
4 Correction Factor (CF): Sum of Measurements Squared / N	749560.06
5 Corrected Sum of Squares (SS)	5.40
6 Variance (V) : SS/(N-1)	0.0729
7 Estimate of Lot Standard Deviation(S): SQRT of V	0.2700
8 Sample Mean(XBAR): Sum X/N	99.97
9 Upper Specification Limit (U)	102.00
10 Lower Specification Limit (L)	98.00
11 Quality Index Upper (QU): (U-XBAR) / S	7.52
12 Quality Index Lower (QL): (XBAR-L) / S	7.30
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)	4.83
17 Acceptability Criterion: Compare P with M	PASS
18 The Lot Meets the Acceptability Criterion if P <= M	
19 The Lot Fails the Acceptability Criterion if P > M	

Kentucky Utilities

2017 Sample Test Program ( 01/01/2017 ) to ( 12/31/2017 )

Device Category: F28240V30AC200    Model Number: MS    Division: 01    Sample Lot: 2343    Lot Descr: KU    MS - 3  
 In Service Population: 10,000    Sample Quantity: 75    Meters Tested: 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 "E" # Normal Inspection

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Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy
C250983	100.00	C251137	100.30	C251284	100.20	C251288	99.70	C251298	100.10
C251361	100.30	C251546	100.20	C251570	99.50	C251619	100.60	C251649	100.20
C251683	100.40	C251807	99.90	C259392	100.10	C259397	100.10	C259553	100.30
C259730	100.40	C259747	99.80	C259814	100.10	C259851	100.10	C260653	100.10
C260925	100.20	C261157	100.40	C261242	100.00	C261253	100.10	C261300	100.30
C261319	100.30	C261416	100.20	C265727	100.50	C265869	100.30	C265923	99.80
C266015	99.60	C266146	99.70	C266235	99.80	C266290	100.00	C266601	100.00
C266743	100.00	C270325	99.90	L212838	99.80	L216065	100.20	L216083	100.10
L218327	100.40	L221189	99.50	L222583	99.60	L222716	99.50	L222829	100.20
L222996	99.70	L223097	99.80	L223364	99.90	L223377	99.50	L223494	99.50
L223540	99.80	L223671	100.00	L230849	99.70	L231075	99.90	L231120	99.80
L231462	100.20	L232347	100.00	L232481	100.00	L232561	99.50	L232673	100.10
L232685	100.10	L232705	100.10	L236436	99.40	L236710	99.50	L236902	100.20
L238033	99.80	L238099	99.80	L238496	100.00	L238524	100.10	L238578	99.40
W117300	99.90	W118667	100.00	W118670	100.60	W118825	99.90	W118927	100.00

INFORMATION NEEDED

VALUE OBTAINED

1 Sample Size (N)	75
2 Sum of Measurements: (Sum X)	7499.00
3 Sum of Squared Measurements	749806.20
4 Correction Factor (CF): Sum of Measurements Squared / N	749800.01
5 Corrected Sum of Squares (SS)	6.19
6 Variance (V) : SS/(N-1)	0.0836
7 Estimate of Lot Standard Deviation(S): SQRT of V	0.2891
8 Sample Mean(XBAR): Sum X/N	99.99
9 Upper Specification Limit (U)	102.00
10 Lower Specification Limit (L)	98.00
11 Quality Index Upper (QU): (U-XBAR) / S	6.96
12 Quality Index Lower (QL): (XBAR-L) / S	6.87
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)	4.83
17 Acceptability Criterion: Compare P with M	PASS
18 The Lot Meets the Acceptability Criterion if P <= M	
19 The Lot Fails the Acceptability Criterion if P > M	

Kentucky Utilities

2017 Sample Test Program ( 01/01/2017 ) to ( 12/31/2017 )

Device Category: F29240V30AC200    Model Number: MS    Division: 01    Sample Lot: 2344    Lot Descr: KU    MS - 4  
 In Service Population: 10,000    Sample Quantity: 75    Meters Tested: 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 "E" # Normal Inspection

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Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy
C270713	100.30	C271324	100.20	C271379	99.90	C275681	100.30	C275696	100.20
C275811	100.20	C279987	99.90	C279992	99.80	C280083	100.40	C280373	98.80
C280515	100.50	C280815	100.20	C280912	100.40	C280987	100.10	C284651	100.40
C284951	99.60	C285039	100.30	C285066	99.80	C285450	100.20	C285475	100.50
C285923	99.80	C285992	99.50	C286008	100.00	C286019	100.30	C286100	100.20
C286216	100.20	C286265	99.90	C286346	99.50	C286401	100.30	C286415	100.10
C286417	100.00	C286728	100.10	C289066	100.00	C289368	100.20	C289371	100.10
C289384	100.40	C290022	100.00	C301064	100.10	C301145	100.20	C301179	100.10
L240652	99.90	L240871	100.00	L241017	99.60	L243720	100.00	L243903	99.90
L245269	99.90	L245360	100.00	L245444	99.90	L245695	99.50	L259987	100.20
L260209	100.00	L260289	100.20	L260432	100.70	M416294	100.10	M435026	100.20
M435089	100.00	M435229	100.20	M435287	100.10	M435454	100.20	M435573	100.30
W126728	99.80	W126752	100.30	W126780	100.20	W132462	100.40	W132520	100.30
W132578	100.40	W132660	100.20	W133033	100.10	W133563	100.00	W133582	100.30
W134319	100.30	W134354	100.10	W134404	100.10	W134781	100.20	W135022	99.90

INFORMATION NEEDED

VALUE OBTAINED

1 Sample Size (N)	75
2 Sum of Measurements: (Sum X)	7506.50
3 Sum of Squared Measurements	751306.39
4 Correction Factor (CF): Sum of Measurements Squared / N	751300.56
5 Corrected Sum of Squares (SS)	5.83
6 Variance (V) : SS/(N-1)	0.0787
7 Estimate of Lot Standard Deviation(S): SQRT of V	0.2806
8 Sample Mean(XBAR): Sum X/N	100.09
9 Upper Specification Limit (U)	102.00
10 Lower Specification Limit (L)	98.00
11 Quality Index Upper (QU): (U-XBAR) / S	6.92
12 Quality Index Lower (QL): (XBAR-L) / S	7.44
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)	4.83
17 Acceptability Criterion: Compare P with M	PASS
18 The Lot Meets the Acceptability Criterion if P <= M	
19 The Lot Fails the Acceptability Criterion if P > M	

Kentucky Utilities

2017 Sample Test Program ( 01/01/2017 ) to ( 12/31/2017 )

Device Category: F28240V30AC200    Model Number: MS    Division: 01    Sample Lot: 2345    Lot Descr: KU    MS - 5  
 In Service Population: 1,041    Sample Quantity: 35    Meters Tested: 35    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 "E" # Normal Inspection

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Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy
L312419	99.70	L312430	100.00	L312547	99.70	L312990	100.30	L313033	100.30
W135120	100.30	W135138	99.90	W135220	99.90	W135268	100.10	W135309	100.10
W135348	99.90	W135381	100.40	W135393	100.10	W135446	99.90	W135520	100.20
W135539	99.80	W135554	99.70	W135556	100.10	W135590	100.20	W135603	100.10
W135626	100.10	W135667	100.10	W135677	100.60	W135723	100.10	W135742	100.20
W135753	100.20	W135756	100.10	W135809	99.80	W135821	100.10	W135830	100.20
W135900	100.10	W135929	100.20	W135940	99.80	W135966	99.90	W136008	100.20

INFORMATION NEEDED

VALUE OBTAINED

1 Sample Size (N)	35
2 Sum of Measurements: (Sum X)	3502.40
3 Sum of Squared Measurements	350481.62
4 Correction Factor (CF): Sum of Measurements Squared / N	350480.16
5 Corrected Sum of Squares (SS)	1.46
6 Variance (V) : SS/(N-1)	0.0428
7 Estimate of Lot Standard Deviation(S): SQRT of V	0.2069
8 Sample Mean(XBAR): Sum X/N	100.07
9 Upper Specification Limit (U)	102.00
10 Lower Specification Limit (L)	98.00
11 Quality Index Upper (QU): (U-XBAR) / S	9.34
12 Quality Index Lower (QL): (XBAR-L) / S	10.00
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)	5.58
17 Acceptability Criterion: Compare P with M	PASS
18 The Lot Meets the Acceptability Criterion if P <= M	
19 The Lot Fails the Acceptability Criterion if P > M	

Kentucky Utilities

2017 Sample Test Program ( 01/01/2017 ) to ( 12/31/2017 )

Device Category: F28240V30AC200    Model Number: MSII    Division: 01    Sample Lot: 2346    Lot Descr: KU    MSII  
 In Service Population: 4,732    Sample Quantity: 75    Meters Tested: 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 "E" # Normal Inspection

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Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy
C275459	99.80	C275579	99.90	C285317	99.70	C298643	100.10	C298650	100.10
C298712	100.30	C298713	100.00	C298840	101.30	C298863	100.00	C300448	100.00
C300490	100.10	C300509	99.70	C300528	100.00	C300569	100.10	C300642	100.30
C300647	100.00	C300654	100.10	C300713	100.00	C300773	100.10	C300913	99.90
C300927	100.30	C300959	100.10	C301400	100.10	C301469	99.90	C301486	100.10
C301507	100.80	C301530	100.20	C301769	100.80	C301825	99.90	C301859	100.30
C301891	100.20	C302161	100.10	C302270	100.70	C302280	100.20	C302389	99.90
C302463	100.30	C302584	100.20	C302608	100.10	C302699	99.90	C302731	100.40
C302778	100.10	C302790	100.10	L312844	100.10	M416344	99.50	M416371	99.90
M416431	99.90	M421012	100.10	M421014	100.00	M421020	99.80	M421048	100.00
M421331	99.70	M422085	99.70	M422153	100.40	M422197	100.60	M422238	99.90
M422276	100.10	M422408	100.00	M422429	100.00	M422503	100.00	M422537	100.10
M428413	100.20	M428429	100.00	M428450	99.90	M428555	99.90	M435629	99.50
M435902	100.10	M435939	100.20	M435984	99.70	M436078	100.20	M436243	100.30
M436247	100.00	M436304	100.10	M436455	100.00	M436465	100.10	M436551	99.90

INFORMATION NEEDED

VALUE OBTAINED

1 Sample Size (N)	75
2 Sum of Measurements: (Sum X)	7506.10
3 Sum of Squared Measurements	751226.31
4 Correction Factor (CF): Sum of Measurements Squared / N	751220.50
5 Corrected Sum of Squares (SS)	5.81
6 Variance (V) : SS/(N-1)	0.0786
7 Estimate of Lot Standard Deviation(S): SQRT of V	0.2803
8 Sample Mean(XBAR): Sum X/N	100.08
9 Upper Specification Limit (U)	102.00
10 Lower Specification Limit (L)	98.00
11 Quality Index Upper (QU): (U-XBAR) / S	6.85
12 Quality Index Lower (QL): (XBAR-L) / S	7.43
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)	4.83
17 Acceptability Criterion: Compare P with M	PASS
18 The Lot Meets the Acceptability Criterion if P <= M	
19 The Lot Fails the Acceptability Criterion if P > M	



Kentucky Utilities

2017 Sample Test Program ( 01/01/2017 ) to ( 12/31/2017 )

Device Category: F28240V30AC200    Model Number: MX    Division: 01    Sample Lot: 2347    Lot Descr: KU    MX - 1  
 In Service Population: 10,000    Sample Quantity: 75    Meters Tested: 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 "E" # Normal Inspection

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Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy
C320977	99.90	C321005	99.60	C321023	99.90	C321083	99.80	C321195	99.80
C321201	100.20	C321301	100.10	C321312	99.50	C321358	99.90	C321571	100.00
C321703	99.80	C321794	100.20	C322070	99.70	C322503	100.20	C322543	100.10
C322705	99.90	C322830	100.10	C322979	99.90	C323043	99.90	C323278	99.90
C323486	99.90	C324402	99.70	C324528	99.80	C324567	100.10	C324622	99.90
C324732	100.20	C324766	100.20	C324774	100.00	C324916	99.90	C325098	100.00
C325183	99.90	C325207	100.00	C325276	100.20	C325627	100.20	C325768	100.10
L288002	100.00	L288131	99.90	L288630	100.00	L288909	99.90	L288943	99.70
L289155	99.90	L289181	100.10	L289349	100.00	L289710	100.10	L289739	100.00
L289775	100.20	L290023	99.70	L290201	99.90	L290340	100.00	L290435	100.10
L290554	99.70	L290589	99.80	L290853	100.10	L290910	99.70	L291230	100.10
L291232	99.80	L292279	100.30	M440844	99.50	M440968	99.80	M441061	100.00
M441259	100.20	M441305	99.90	M441321	100.10	M441470	100.10	M441620	100.00
M441727	99.30	M441810	99.90	M442313	100.30	M442375	100.20	M442490	100.10
W142577	100.10	W142812	100.00	W143178	100.30	W143270	100.10	W143282	99.60

INFORMATION NEEDED

VALUE OBTAINED

1 Sample Size (N)	75
2 Sum of Measurements: (Sum X)	7497.00
3 Sum of Squared Measurements	749403.12
4 Correction Factor (CF): Sum of Measurements Squared / N	749400.12
5 Corrected Sum of Squares (SS)	3.00
6 Variance (V) : SS/(N-1)	0.0405
7 Estimate of Lot Standard Deviation(S): SQRT of V	0.2013
8 Sample Mean(XBAR): Sum X/N	99.96
9 Upper Specification Limit (U)	102.00
10 Lower Specification Limit (L)	98.00
11 Quality Index Upper (QU): (U-XBAR) / S	10.13
12 Quality Index Lower (QL): (XBAR-L) / S	9.73
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)	4.83
17 Acceptability Criterion: Compare P with M	PASS
18 The Lot Meets the Acceptability Criterion if P <= M	
19 The Lot Fails the Acceptability Criterion if P > M	

Kentucky Utilities

2017 Sample Test Program ( 01/01/2017 ) to ( 12/31/2017 )

Device Category: F2S240V30AC200    Model Number: MX    Division: 01    Sample Lot: 2348    Lot Descr: KU    MX - 2  
 In Service Population: 10,000    Sample Quantity: 75    Meters Tested: 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 "E" # Normal Inspection

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Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy
C390803	99.80	C390814	99.80	C390960	99.90	C391216	100.00	C391313	99.60
C391523	99.40	C425927	99.50	C426065	99.20	C426081	99.00	C426129	99.70
C426450	99.50	C426475	99.70	C426546	99.60	C426638	99.30	C426871	99.60
C426917	99.50	C426957	99.90	C427129	99.70	C427132	99.50	C427208	99.40
C427272	99.50	C427399	100.00	C427480	99.80	C427718	99.70	C427749	99.40
C427899	99.80	C427900	99.60	C428186	100.20	C428243	101.40	C428458	99.80
C428923	99.60	C428939	99.70	C429019	100.00	C429064	99.60	C429102	99.70
C429235	99.90	C429346	99.60	C429516	98.80	C429555	99.70	C429779	99.90
C429990	99.60	C430092	99.90	C430283	99.60	C430287	99.80	C430633	99.90
C430745	99.40	C430839	99.60	C430844	99.50	C430915	99.40	C431296	99.60
C431518	99.50	C431569	99.50	C431766	99.60	C431836	99.20	C435448	99.40
C435490	99.60	C435556	99.60	C435714	99.00	C435947	99.90	C436156	99.30
C436221	99.60	C437009	99.70	C437129	99.80	C437221	99.50	C438045	99.30
C438193	99.70	C438321	98.80	C438346	99.60	W143541	100.10	W143693	100.00
W143716	100.30	W143771	100.30	W143792	100.50	W144134	100.50	W144222	99.80

INFORMATION NEEDED

VALUE OBTAINED

1 Sample Size (N)	75
2 Sum of Measurements: (Sum X)	7475.70
3 Sum of Squared Measurements	745158.49
4 Correction Factor (CF): Sum of Measurements Squared / N	745147.87
5 Corrected Sum of Squares (SS)	10.62
6 Variance (V) : SS/(N-1)	0.1435
7 Estimate of Lot Standard Deviation(S): SQRT of V	0.3788
8 Sample Mean(XBAR): Sum X/N	99.68
9 Upper Specification Limit (U)	102.00
10 Lower Specification Limit (L)	98.00
11 Quality Index Upper (QU): (U-XBAR) / S	6.14
12 Quality Index Lower (QL): (XBAR-L) / S	4.42
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)	4.83
17 Acceptability Criterion: Compare P with M	PASS
18 The Lot Meets the Acceptability Criterion if P <= M	
19 The Lot Fails the Acceptability Criterion if P > M	

Kentucky Utilities

2017 Sample Test Program ( 01/01/2017 ) to ( 12/31/2017 )

Device Category: F28240V30AC200 Model Number: MX Division: 01 Sample Lot: 2349 Lot Descr: KU MX - 3  
 In Service Population: 10,000 Sample Quantity: 75 Meters Tested: 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 \*E\* # Normal Inspection

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Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy
C438585	99.90	C438629	99.60	C438676	99.90	C438799	99.80	C438910	99.60
C438937	99.70	C438978	99.60	C439176	99.80	C439438	99.60	C439854	99.80
C439868	100.10	C440572	99.80	C440604	99.80	C440660	99.70	C440699	100.10
C440705	100.20	C440765	99.90	C440841	99.60	C440907	99.80	C440942	99.90
C441077	99.60	C441182	99.80	C441211	100.00	C441421	99.70	C441739	99.70
C441761	99.50	C441884	99.40	C442389	99.60	C442462	99.60	C442616	99.20
C442626	99.90	C443075	99.60	C443160	99.60	C443310	99.80	C443368	99.80
C443467	99.90	C443638	99.00	C443659	99.50	C444014	99.70	C444074	99.20
C444306	100.00	C444686	99.80	C444816	99.80	C446651	99.60	C447066	99.40
C447217	99.40	C447407	99.50	C447709	99.40	C447759	99.70	C447816	99.80
C447893	99.90	C448138	98.80	C448257	99.50	C448299	99.30	C448333	99.80
C448357	99.40	C448389	99.70	C448417	99.90	C448684	99.30	C448778	99.90
C448825	99.50	C448876	99.70	C449138	99.60	C449164	99.90	C449445	99.80
C449668	99.30	C449765	99.90	C449808	99.70	C449822	99.50	C450051	100.00
C450098	99.60	C450225	99.70	C450357	99.80	C450447	99.30	C450484	99.80

INFORMATION NEEDED

VALUE OBTAINED

1 Sample Size (N)	75
2 Sum of Measurements: (Sum X)	7475.30
3 Sum of Squared Measurements	745072.77
4 Correction Factor (CF): Sum of Measurements Squared / N	745068.13
5 Corrected Sum of Squares (SS)	4.64
6 Variance (V) : SS/(N-1)	0.0626
7 Estimate of Lot Standard Deviation(S): SQRT of V	0.2503
8 Sample Mean(XBAR): Sum X/N	99.67
9 Upper Specification Limit (U)	102.00
10 Lower Specification Limit (L)	98.00
11 Quality Index Upper (QU): (U-XBAR) / S	9.31
12 Quality Index Lower (QL): (XBAR-L) / S	6.68
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)	4.83
17 Acceptability Criterion: Compare P with M	PASS
18 The Lot Meets the Acceptability Criterion if P <= M	
19 The Lot Fails the Acceptability Criterion if P > M	

Kentucky Utilities

2017 Sample Test Program ( 01/01/2017 ) to ( 12/31/2017 )

Device Category: F28240V30AC200    Model Number: MX    Division: 01    Sample Lot: 2350    Lot Descr: KU    MX - 4  
 In Service Population: 10,000    Sample Quantity: 75    Meters Tested: 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 "E" # Normal Inspection

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Run Date: 01/05/2018

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Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy
C450838	100.00	C450908	99.60	C451074	99.80	C451487	99.60	C451670	99.40
C451747	99.60	C451814	99.60	C452202	99.50	C452226	99.80	C452242	99.50
C452527	97.80	C452682	99.30	C453121	99.20	C453291	99.70	C453296	99.70
C453307	99.70	C453485	99.40	C453518	99.40	C453599	99.60	C453652	99.60
C453790	99.60	C453886	99.70	C454109	99.80	C454374	99.90	C454732	99.80
C454861	99.90	C454892	100.00	C455128	100.20	C455171	99.10	C455450	99.70
C455568	99.80	C455649	99.50	C455750	99.80	C455909	100.00	C457742	99.90
C457828	99.70	C457979	99.60	C458126	100.00	C458173	100.00	C458259	100.10
C458458	99.80	C458498	99.80	C458580	99.70	C458598	99.80	C458873	99.60
C459152	99.90	C459284	99.80	C459327	99.80	C459342	99.70	C459575	100.00
C459686	100.10	C460010	100.00	C460063	99.90	C460109	99.80	C460495	99.80
C460858	100.00	C460982	99.80	C461087	100.00	C461099	100.00	C461211	99.80
C461499	100.20	C461533	100.10	C461562	100.00	C461705	99.80	C461717	100.20
C461784	100.00	C461796	100.00	C461804	99.80	C462167	99.70	C462174	100.00
C462185	99.90	C462349	99.70	C462617	100.10	C462699	100.20	C462813	99.90

INFORMATION NEEDED

VALUE OBTAINED

1 Sample Size (N)	75
2 Sum of Measurements: (Sum X)	7482.60
3 Sum of Squared Measurements	746531.90
4 Correction Factor (CF): Sum of Measurements Squared / N	746524.04
5 Corrected Sum of Squares (SS)	7.86
6 Variance (V) : SS/(N-1)	0.1063
7 Estimate of Lot Standard Deviation(S): SQRT of V	0.3260
8 Sample Mean(XBAR): Sum X/N	99.77
9 Upper Specification Limit (U)	102.00
10 Lower Specification Limit (L)	98.00
11 Quality Index Upper (QU): (U-XBAR) / S	6.85
12 Quality Index Lower (QL): (XBAR-L) / S	5.42
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)	4.83
17 Acceptability Criterion: Compare P with M	PASS
18 The Lot Meets the Acceptability Criterion if P <= M	
19 The Lot Fails the Acceptability Criterion if P > M	

Kentucky Utilities

2017 Sample Test Program ( 01/01/2017 ) to ( 12/31/2017 )

Device Category: F28240V30AC200    Model Number: MX    Division: 01    Sample Lot: 2351    Lot Descr: KU    MX - 5  
 In Service Population: 408    Sample Quantity: 25    Meters Tested: 25    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 "E" # Normal Inspection

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Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy	Serial Number	Full Load Accuracy
C463006	99.00	C463030	99.10	C463045	100.00	C463082	100.00	C463085	99.40
C463096	99.70	C463101	100.00	C463127	100.10	C463139	99.70	C463145	99.50
C463180	100.00	C463185	99.80	C463206	99.90	C463234	98.80	C463253	100.00
C463277	100.10	C463285	99.90	C463319	99.90	C463320	99.60	C463329	99.80
C463330	99.60	C463333	100.10	C463356	99.90	C463361	100.10	C463378	99.70

INFORMATION NEEDED

VALUE OBTAINED

1 Sample Size (N)	25
2 Sum of Measurements: (Sum X)	2493.70
3 Sum of Squared Measurements	248744.61
4 Correction Factor (CF): Sum of Measurements Squared / N	248741.59
5 Corrected Sum of Squares (SS)	3.02
6 Variance (V) : SS/(N-1)	0.1259
7 Estimate of Lot Standard Deviation(S): SQRT of V	0.3549
8 Sample Mean(XBAR): Sum X/N	99.75
9 Upper Specification Limit (U)	102.00
10 Lower Specification Limit (L)	98.00
11 Quality Index Upper (QU): (U-XBAR) / S	6.35
12 Quality Index Lower (QL): (XBAR-L) / S	4.93
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)	5.98
17 Acceptability Criterion: Compare P with M	PASS
18 The Lot Meets the Acceptability Criterion if P <= M	
19 The Lot Fails the Acceptability Criterion if P > M	

Kentucky Utilities  
2017 Sample Test Program ( 01/01/2017 ) to ( 12/31/2017 )

LOT NAME	MANUFACTURER	MODEL	IN-SERV POP	SAMP QTY	SET	RENV	MTRS TST	PASS/FAIL	LOT NUMBER
KU AB1	Asea Brown Boveri (ABB)	AB1	4,816	75	0	0	75	PASS TESTING COMPLETE	2289
KU ALF	Landis + Gyr	ALF	299	20	0	0	20	PASS TESTING COMPLETE	2290
KU C1S - 1	Sangamo	C1S	10,000	75	0	0	75	PASS TESTING COMPLETE	2291
KU C1S - 2	Itron	C1S	10,000	75	0	0	75	PASS TESTING COMPLETE	2292
KU C1S - 3	Itron	C1S	10,000	75	0	0	75	PASS TESTING COMPLETE	2293
KU C1S - 4	Itron	C1S	10,000	75	0	0	75	PASS TESTING COMPLETE	2294
KU C1S - 5	Itron	C1S	10,000	75	0	0	75	PASS TESTING COMPLETE	2295
KU C1S - 6	Itron	C1S	10,000	75	0	0	75	PASS TESTING COMPLETE	2296
KU C1S - 7	Itron	C1S	10,000	75	0	0	75	PASS TESTING COMPLETE	2297
KU C1S - 8	Itron	C1S	8,884	75	0	0	75	PASS TESTING COMPLETE	2298
KU C2S0S	Itron	C2S0S	1,187	35	0	0	35	PASS TESTING COMPLETE	2299
KU D4S - 1	Westinghouse	D4S	10,000	75	0	0	75	PASS TESTING COMPLETE	2300
KU D4S - 2	Westinghouse	D4S	10,000	75	0	0	75	PASS TESTING COMPLETE	2301
KU D4S - 3	Westinghouse	D4S	4,595	75	0	0	75	PASS TESTING COMPLETE	2302
KU D5S	Westinghouse	D5S	369	20	0	0	20	PASS TESTING COMPLETE	2303
KU Focus AX	Landis + Gyr	Focus AXR-Mesh	491	25	0	0	25	PASS TESTING COMPLETE	2304
KU I210	General Electric	I210	4,821	75	0	0	75	PASS TESTING COMPLETE	2305
KU I50S	General Electric	I50S	878	35	0	0	35	PASS TESTING COMPLETE	2306
KU I55S	General Electric	I55S	760	35	0	0	35	PASS TESTING COMPLETE	2307
KU I60S - 1	General Electric	I60S	10,000	75	0	0	75	PASS TESTING COMPLETE	2308
KU I60S - 2	General Electric	I60S	10,000	75	0	0	75	PASS TESTING COMPLETE	2309
KU I60S - 3	General Electric	I60S	8,127	75	0	0	75	PASS TESTING COMPLETE	2310
KU I70S - 1	General Electric	I70S	10,000	75	0	0	75	PASS TESTING COMPLETE	2311
KU I70S - 2	General Electric	I70S	10,000	75	0	0	75	PASS TESTING COMPLETE	2312
KU I70S - 3	General Electric	I70S	10,000	75	0	0	75	PASS TESTING COMPLETE	2313
KU I70S - 4	General Electric	I70S	10,000	75	0	0	75	PASS TESTING COMPLETE	2314
KU I70S - 5	General Electric	I70S	10,000	75	0	0	75	PASS TESTING COMPLETE	2315
KU I70S - 6	General Electric	I70S	10,000	75	0	0	75	PASS TESTING COMPLETE	2316
KU I70S - 7	General Electric	I70S	10,000	75	0	0	75	PASS TESTING COMPLETE	2317
KU I70S - 8	General Electric	I70S	10,000	75	0	0	75	PASS TESTING COMPLETE	2318
KU I70S - 9	General Electric	I70S	10,000	75	0	0	75	PASS TESTING COMPLETE	2319
KU I70S - 10	General Electric	I70S	10,000	75	0	0	75	PASS TESTING COMPLETE	2320
KU I70S - 11	General Electric	I70S	10,000	75	0	0	75	PASS TESTING COMPLETE	2321
KU I70S - 12	General Electric	I70S	976	35	0	0	35	PASS TESTING COMPLETE	2322
KU J4S - 1	Sangamo	J4S	10,000	75	0	0	75	PASS TESTING COMPLETE	2323
KU J4S - 2	Sangamo	J4S	1,006	35	0	0	35	PASS TESTING COMPLETE	2324
KU J5S - 1	Sangamo	J5S	10,000	75	0	0	75	PASS TESTING COMPLETE	2325
KU J5S - 2	Sangamo	J5S	10,000	75	0	0	75	PASS TESTING COMPLETE	2326
KU J5S - 3	Sangamo	J5S	10,000	75	0	0	75	PASS TESTING COMPLETE	2327
KU J5S - 4	Sangamo	J5S	10,000	75	0	0	75	PASS TESTING COMPLETE	2328
KU J5S - 5	Sangamo	J5S	10,000	75	0	0	75	PASS TESTING COMPLETE	2329
KU J5S - 6	Sangamo	J5S	10,000	75	0	0	75	PASS TESTING COMPLETE	2330
KU J5S - 7	Sangamo	J5S	10,000	75	0	0	75	PASS TESTING COMPLETE	2331
KU J5S - 8	Sangamo	J5S	10,000	75	0	0	75	PASS TESTING COMPLETE	2332
KU J5S - 9	Sangamo	J5S	10,000	75	0	0	75	PASS TESTING COMPLETE	2333
KU J5S - 10	Sangamo	J5S	10,000	75	0	0	75	PASS TESTING COMPLETE	2334
KU J5S - 11	Sangamo	J5S	10,000	75	0	0	75	PASS TESTING COMPLETE	2335
KU J5S - 12	Sangamo	J5S	10,000	75	0	0	75	PASS TESTING COMPLETE	2336
KU J5S - 13	Sangamo	J5S	10,000	75	0	0	75	PASS TESTING COMPLETE	2337
KU J5S - 14	Sangamo	J5S	10,000	75	0	0	75	PASS TESTING COMPLETE	2338
KU J5S - 15	Sangamo	J5S	2,662	50	0	0	50	PASS TESTING COMPLETE	2339
KU MQS	Duncan	MQS	3,439	75	0	0	75	PASS TESTING COMPLETE	2340
KU MS - 1	Duncan	MS	10,000	75	0	0	75	PASS TESTING COMPLETE	2341
KU MS - 2	Duncan	MS	10,000	75	0	0	75	PASS TESTING COMPLETE	2342
KU MS - 3	Duncan	MS	10,000	75	0	0	75	PASS TESTING COMPLETE	2343
KU MS - 4	Duncan	MS	10,000	75	0	0	75	PASS TESTING COMPLETE	2344

KU	MS - 5	Duncan	MS	1,041	35	0	0	35	PASS	TESTING	COMPLETE	2345
KU	MSII	Landis + Gyr	MSII	4,732	75	0	0	75	PASS	TESTING	COMPLETE	2346
KU	MX - 1	Landis + Gyr	MX	10,000	75	0	0	75	PASS	TESTING	COMPLETE	2347
KU	MX - 2	Landis + Gyr	MX	10,000	75	0	0	75	PASS	TESTING	COMPLETE	2348
KU	MX - 3	Landis + Gyr	MX	10,000	75	0	0	75	PASS	TESTING	COMPLETE	2349
KU	MX - 4	Landis + Gyr	MX	10,000	75	0	0	75	PASS	TESTING	COMPLETE	2350
KU	MX - 5	Landis + Gyr	MX	408	25	0	0	25	PASS	TESTING	COMPLETE	2351

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TOTALS	499,491	4250	0	0	4250
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TOTAL LOTS PASSED:	63
TOTAL LOTS FAILED:	0
METERS CANNOT TEST:	0

Report completed successfully with results.