

EXHIBIT OSS – 14

865 Purchase Order Change Ack/ Req Transaction Set

865 Purchase Order Change Acknowledgment/Request - Seller Initiated

Functional Group ID=CA

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Purchase Order Change Acknowledgment/Request - Seller Initiated Transaction Set (865) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to convey acceptance or rejection of changes to a previously submitted purchase order by the seller or to notify the buyer of changes initiated by the seller to a previously submitted purchase order by the seller.

Notes:

The following list is designed to assist the reader in interpreting these specifications:

1. Information customized for BellSouth's usage of this transaction set is shown in a gray box.
2. ANSI X12 and industry standard codes are shown along with their standard descriptions.
3. Fields are depicted by the field name in all capital letters, followed by a colon and then a short description of the field (e.g., BAN1: Billing Account No. 1).
4. In compliance with TCIF guidelines, phrase codes are used when the same basic ANSI X12 code is used for mapping two similar fields. The phrase code is additional mapping to further define each fields' mapping. (e.g., data element REF02 carries the value of the field AN or ATN when REF01=11. The phrase code in REF03 would differentiate between AN or ATN.)

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BCA	Beginning Segment for Purchase Order Change Acknowledgment	M	1		
Not Used	040	CUR	Currency	O	1		
	050	REF	Reference Identification	O	>1		
	060	PER	Administrative Communications Contact	O	3		
Not Used	070	TAX	Tax Reference	O	>1		
Not Used	080	FOB	F.O.B. Related Instructions	O	>1		
Not Used	090	CTP	Pricing Information	O	>1		
	095	PAM	Period Amount	O	10		
Not Used	110	CSH	Sales Requirements	O	1		
LOOP ID - SAC						25	
Not Used	120	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
Not Used	125	CUR	Currency	O	1		
Not Used	130	ITD	Terms of Sale/Deferred Terms of Sale	O	5		
Not Used	140	DIS	Discount Detail	O	20		

Not Used	145	INC	Installment Information	O	1	
	150	DTM	Date/Time Reference	O	10	
Not Used	160	LDT	Lead Time	O	12	
Not Used	180	LIN	Item Identification	O	5	n1
	185	SI	Service Characteristic Identification	O	>1	
	190	PID	Product/Item Description	O	200	
Not Used	200	MEA	Measurements	O	40	
Not Used	210	PWK	Paperwork	O	25	
Not Used	220	PKG	Marking, Packaging, Loading	O	25	
Not Used	230	TD1	Carrier Details (Quantity and Weight)	O	2	
Not Used	240	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
Not Used	250	TD3	Carrier Details (Equipment)	O	12	
Not Used	260	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
Not Used	266	PCT	Percent Amounts	O	>1	
Not Used	270	MAN	Marks and Numbers	O	10	
Not Used	275	TXI	Tax Information	O	>1	
Not Used	276	CTB	Restrictions/Conditions	O	>1	
Not Used	277	G53	Maintenance Type	O	>1	
LOOP ID - N9					1000	
	280	N9	Reference Identification	O	1	
Not Used	285	DTM	Date/Time Reference	O	>1	
	290	MSG	Message Text	O	1000	
LOOP ID - N1					200	
	300	N1	Name	O	1	
Not Used	310	N2	Additional Name Information	O	2	
Not Used	320	N3	Address Information	O	2	
Not Used	330	N4	Geographic Location	O	1	
Not Used	335	NX2	Location ID Component	O	>1	
Not Used	340	REF	Reference Identification	O	12	
	350	PER	Administrative Communications Contact	O	>1	
Not Used	355	SI	Service Characteristic Identification	O	>1	
Not Used	360	FOB	F.O.B. Related Instructions	O	1	
Not Used	370	TD1	Carrier Details (Quantity and Weight)	O	2	
Not Used	380	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
Not Used	390	TD3	Carrier Details (Equipment)	O	12	
Not Used	400	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
Not Used	410	PKG	Marking, Packaging, Loading	O	25	
Not Used	420	MSG	Message Text	O	>1	
LOOP ID - AMT					>1	
Not Used	430	AMT	Monetary Amount	O	1	
Not Used	440	PCT	Percent Amounts	O	>1	
LOOP ID - ADV					>1	
Not Used	450	ADV	Advertising Demographic Information	O	1	
Not Used	460	DTM	Date/Time Reference	O	>1	

Not Used	470	MTX	Text	0	>1	
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Detail:

Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
LOOP ID - POC						>1
	010	POC	Line Item Change	0	1	
Not Used	015	LIN	Item Identification	0	>1	
	018	SI	Service Characteristic Identification	0	>1	
Not Used	020	CUR	Currency	0	1	
Not Used	030	PO3	Additional Item Detail	0	25	
Not Used	040	CTP	Pricing Information	0	>1	
Not Used	045	PAM	Period Amount	0	10	
Not Used	049	MEA	Measurements	0	40	
LOOP ID - PID						1000
	050	PID	Product/Item Description	0	1	
Not Used	060	MEA	Measurements	0	10	
Not Used	070	PWK	Paperwork	0	25	
Not Used	080	PKG	Marking, Packaging, Loading	0	25	
Not Used	090	PO4	Item Physical Details	0	>1	
	100	REF	Reference Identification	0	>1	
Not Used	110	PER	Administrative Communications Contact	0	3	
LOOP ID - SAC						25
Not Used	130	SAC	Service, Promotion, Allowance, or Charge Information	0	1	
Not Used	135	CUR	Currency	0	1	
Not Used	140	IT8	Conditions of Sale	0	1	
Not Used	142	CSH	Sales Requirements	0	>1	
Not Used	150	ITD	Terms of Sale/Deferred Terms of Sale	0	2	
Not Used	160	DIS	Discount Detail	0	20	
Not Used	165	INC	Installment Information	0	1	
Not Used	170	TAX	Tax Reference	0	>1	
Not Used	180	FOB	F.O.B. Related Instructions	0	>1	
Not Used	190	SDQ	Destination Quantity	0	500	
Not Used	200	DTM	Date/Time Reference	0	10	
Not Used	230	TD1	Carrier Details (Quantity and Weight)	0	1	
Not Used	240	TD5	Carrier Details (Routing Sequence/Transit Time)	0	12	
Not Used	250	TD3	Carrier Details (Equipment)	0	12	
Not Used	260	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	0	5	
Not Used	265	TXI	Tax Information	0	>1	
Not Used	266	PCT	Percent Amounts	0	>1	
LOOP ID - ACK						104
Not Used	270	ACK	Line Item Acknowledgment	0	1	
Not Used	280	DTM	Date/Time Reference	0	1	
Not Used	290	MAN	Marks and Numbers	0	10	

Not Used	291	SPI	Specification Identifier	O	>1	
Not Used	292	MSG	Message Text	O	>1	
Not Used	293	CTB	Restrictions/Conditions	O	>1	
LOOP ID - AMT					>1	
Not Used	300	AMT	Monetary Amount	O	1	n2
Not Used	301	PCT	Percent Amounts	O	>1	
LOOP ID - QTY					>1	
	302	QTY	Quantity	O	1	
Not Used	303	SI	Service Characteristic Identification	O	>1	
LOOP ID - SCH					200	
Not Used	305	SCH	Line Item Schedule	O	1	
Not Used	310	TD1	Carrier Details (Quantity and Weight)	O	2	
Not Used	315	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
Not Used	320	TD3	Carrier Details (Equipment)	O	12	
Not Used	330	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
Not Used	333	REF	Reference Identification	O	>1	
LOOP ID - LDT					>1	
Not Used	335	LDT	Lead Time	O	1	
Not Used	340	QTY	Quantity	O	>1	
Not Used	342	MSG	Message Text	O	1	
LOOP ID - LM					>1	
Not Used	344	LM	Code Source Information	O	1	
Not Used	346	LQ	Industry Code	M	>1	
LOOP ID - N9					1000	
	350	N9	Reference Identification	O	1	
Not Used	355	DTM	Date/Time Reference	O	>1	
	360	MSG	Message Text	O	1000	
LOOP ID - N1					200	
Not Used	370	N1	Name	O	1	
Not Used	380	N2	Additional Name Information	O	2	
Not Used	390	N3	Address Information	O	2	
Not Used	400	N4	Geographic Location	O	1	
Not Used	403	QTY	Quantity	O	>1	
Not Used	405	NX2	Location ID Component	O	>1	
Not Used	410	REF	Reference Identification	O	12	
Not Used	420	PER	Administrative Communications Contact	O	3	
Not Used	425	SI	Service Characteristic Identification	O	>1	
Not Used	426	DTM	Date/Time Reference	O	1	
Not Used	430	FOB	F.O.B. Related Instructions	O	1	
Not Used	435	SCH	Line Item Schedule	O	200	
Not Used	440	TD1	Carrier Details (Quantity and Weight)	O	2	
Not Used	450	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
Not Used	460	TD3	Carrier Details (Equipment)	O	12	

Not Used	470	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5
Not Used	480	PKG	Marking, Packaging, Loading	O	25
LOOP ID - LDT					>1
Not Used	485	LDT	Lead Time	O	1
Not Used	486	MAN	Marks and Numbers	O	10
Not Used	487	QTY	Quantity	O	5
Not Used	488	MSG	Message Text	O	1
LOOP ID - SLN					1000
	490	SLN	Subline Item Detail	O	1
Not Used	495	MSG	Message Text	O	>1
	500	SI	Service Characteristic Identification	O	>1
Not Used	510	PID	Product/Item Description	O	1000
Not Used	520	PO3	Additional Item Detail	O	25
Not Used	522	CTP	Pricing Information	O	25
Not Used	523	PAM	Period Amount	O	10
Not Used	530	ACK	Line Item Acknowledgment	O	104
LOOP ID - SAC					10
Not Used	540	SAC	Service, Promotion, Allowance, or Charge Information	O	1
Not Used	545	CUR	Currency	O	1
Not Used	550	DTM	Date/Time Reference	O	10
Not Used	554	PO4	Item Physical Details	O	1
Not Used	557	TAX	Tax Reference	O	3
Not Used	558	ADV	Advertising Demographic Information	O	>1
LOOP ID - QTY					>1
Not Used	561	QTY	Quantity	O	1
Not Used	562	SI	Service Characteristic Identification	O	>1
LOOP ID - N9					>1
	563	N9	Reference Identification	O	1
Not Used	564	DTM	Date/Time Reference	O	>1
Not Used	565	MSG	Message Text	O	1
Not Used	569	N1	Name	O	1
Not Used	570	N2	Additional Name Information	O	2
Not Used	580	N3	Address Information	O	2
Not Used	590	N4	Geographic Location	O	1
Not Used	600	NX2	Location ID Component	O	>1
Not Used	610	REF	Reference Identification	O	12
Not Used	620	PER	Administrative Communications Contact	O	3
Not Used	625	SI	Service Characteristic Identification	O	>1
LOOP ID - PD					>1
Not Used	630	PD	Pricing Data	O	1
Not Used	640	PDD	Pricing Data Detail	O	>1

Summary:

Pos.	Seg.	Req.	Loop	Notes and
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BellSouth Proprietary Information - 5-5
 Subject to the Restrictions on the Notices Page

	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Max.Use</u>	<u>Repeat</u>	<u>Comments</u>
			LOOP ID - CTT			1	
Must Use	010	CTT	Transaction Totals	M	1		n3
Not Used	020	AMT	Monetary Amount	O	5		n4
Must Use	030	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. If segment LIN is used, do not use LIN01.
2. If AMT is used in the detail area, then AMT01 will = 1, and AMT02 will indicate total line amount as calculated by the sender.
3. Number of line items (CTT01) is the accumulation of the number of POC segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (POC03) for each POC segment.
4. When AMT is used, then one occurrence of AMT01 will = TT and AMT02 will indicate total transaction amount as calculated by the sender.

Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes: 1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 865 Purchase Order Change Acknowledgment/Request - Seller Initiated	M ID 3/3
Must Use	ST02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set The value of the data element in ST02 in the Transaction Set Header (ST) must match the value of this same data element in SE02 in the Transaction Set Trailer (SE).	M AN 4/9

Segment: **BCA** Beginning Segment for Purchase Order Change Acknowledgment

Position: 020

Loop:

Level: Heading

Usage: Mandatory

Max Use: 1

Purpose: To indicate the beginning of the Purchase Order Change Acknowledgment Transaction Set and transmit identifying numbers and dates

Syntax Notes:

- Semantic Notes:**
- 1 BCA06 is the date assigned by the purchaser to purchase order.
 - 2 BCA09 is the seller's order number.
 - 3 BCA10 is the date assigned by the sender to the acknowledgment.
 - 4 BCA11 is the date of the purchase order change request.
 - 5 BCA12 is the order change acknowledgment date.

Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	BCA01	353	Transaction Set Purpose Code Code identifying purpose of transaction set BellSouth valid codes: 06 Confirmation 08 Status 21 Transaction on Hold CN Completion Notification Signifies that the order is complete and the information contained within is final for the service request purchase order	M ID 2/2
	BCA02	587	Acknowledgment Type Code specifying the type of acknowledgment BellSouth valid EDI usage: If BCA01 BCA02 06 AT = Accepted FOC 06 AH = Clarification (860 Required) 06 RD = Reject (860 Required) 08 NA = Status (No Action Required) 21 AC = Jeopardy (New Desired Due Date Req'd) CN AT = Completion	O ID 2/2
Must Use	BCA03	324	Purchase Order Number Identifying number for Purchase Order assigned by the orderer/purchaser PON: Purchase Order Number	M AN 1/22
	BCA04	328	Release Number Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction	O AN 1/30
	BCA05	327	Change Order Sequence Number Number assigned by the orderer identifying a specific change or revision to a previously transmitted transaction set VER: Version Number	O AN 1/8
Must Use	BCA06	373	Date Date expressed as CCYYMMDD	M DT 8/8

Segment: **REF** Reference Identification
Position: 050
Loop:
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To specify identifying information
Syntax Notes:
 1 At least one of REF02 or REF03 is required.
 2 If either C04003 or C04004 is present, then the other is required.
 3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:
 1 REF04 contains data relating to the value cited in REF02.
Comments:

Data Element Summary

Must Use	Ref. Des.	Data Element	Name	Attributes
	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification BellSouth valid codes: 11 Account Number Number identifies a telecommunications industry account 12 Billing Account Account number under which billing is rendered 2I Tracking Number 3H Case Number 4N Special Payment Reference Number IX Item Number OW Service Order Number Number assigned when a customer orders service and equipment and which appears on bill	M ID 2/3
	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier If REF01 REF03 REF02 11 AN AN: Account Number 11 ATN ATN: Account Telephone No. 11 EAN EAN: Existing Account Number 11 EATN EATN: Existing Account Telephone No. 12 BAN1 BAN1: Billing Account Number 1 12 BAN2 BAN2: Billing Account Number 2 2I LSR NO LSR NO: Local Service Request Number 4N BI1 BI1: Billing Account Number ID 1 4N BI2 BI2: Billing Account Number ID 2 IX RESID RESID: Response Identifier OW DLORD DLORD: Directory Listing Order No. (LNP only) OW ORD SVC ORD: Service Order Number Not currently being utilized by BellSouth: SU RT: Response Type V0 ECV: Exchange Carrier Version OW DAORD DAORD: Directory Assistance Order Number 2I DSRNO DSRNO: Directory Service Request Number	X AN 1/30

			3H	CNO: LSOG Inquiry Case Number	
			4N DBI1	DBI1: Directory Billing Acct. No ID 1	
			4N DBI2	DBI2: Directory Billing Acct. No ID 2	
			12 DBAN1	DBAN1: Directory Billing Acct. No. 1	
			12 DBAN2	DBAN2: Directory Billing Acct. No. 2	
	REF03	352	Description		X AN 1/80
			A free-form description to clarify the related data elements and their content		
			If		
			REF01 REF03		
			11	AN, ATN, EAN, or EATN	
			12	BAN1 or BAN2	
			4N	BI1 or BI2	
			2I	LSR NO	
			IX	RESID	
			OW	DLORD or ORD	
Not Used	REF04	C040	Reference Identifier		O
			To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier		
Not Used	C04001	128	Reference Identification Qualifier		M ID 2/3
			Code qualifying the Reference Identification		
Not Used	C04002	127	Reference Identification		M AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
Not Used	C04003	128	Reference Identification Qualifier		X ID 2/3
			Code qualifying the Reference Identification		
Not Used	C04004	127	Reference Identification		X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
Not Used	C04005	128	Reference Identification Qualifier		X ID 2/3
			Code qualifying the Reference Identification		
Not Used	C04006	127	Reference Identification		X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		

Segment: **PER** Administrative Communications Contact
Position: 060
Loop:
Level: Heading
Usage: Optional
Max Use: 3
Purpose: To identify a person or office to whom administrative communications should be directed
Syntax Notes:
 1 If either PER03 or PER04 is present, then the other is required.
 2 If either PER05 or PER06 is present, then the other is required.
 3 If either PER07 or PER08 is present, then the other is required.
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	PER01	366	Contact Function Code Code identifying the major duty or responsibility of the person or group named BellSouth valid codes: OC Order Contact	M ID 2/2
	PER02	93	Name Free-form name If PER01 PER02 OC REP: Provider Contact Representative Not currently being utilized by BellSouth: EG NSP-DSGCON: NSP-Design Engineering Contact IC DACONT-INIT: Directory Assistance Contact at Providing Company PH DLCONT-INIT: Directory Contact at Providing Company	O AN 1/60
	PER03	365	Communication Number Qualifier Code identifying the type of communication number BellSouth valid code: TE Telephone	X ID 2/2
	PER04	364	Communication Number Complete communications number including country or area code when applicable Not currently being utilized by BellSouth: If PER01 PER DE365 PER DE364 OC TE REP: Provider Contact Rep Tele. No. Not currently being utilized by BellSouth: EG TE NSP-DSGCON: NSP Design Engr. Tele. No. IC TE DACONT-INIT: Dir. Assistance Contact Tele. No. PH TE DLCONT-TN: Dir. Contact at Providing Company Tele. No.	X AN 1/80
	PER05	365	Communication Number Qualifier Code identifying the type of communication number See PER03 for the valid list of codes.	X ID 2/2

	PER06	364	Communication Number Complete communications number including country or area code when applicable	X	AN 1/80
	PER07	365	Communication Number Qualifier Code identifying the type of communication number See PER03 for the valid list of codes.	X	ID 2/2
	PER08	364	Communication Number Complete communications number including country or area code when applicable	X	AN 1/80
Not Used	PER09	443	Contact Inquiry Reference Additional reference number or description to clarify a contact number	O	AN 1/20

Segment: **PAM** Period Amount
Position: 095
Loop:
Level: Heading
Usage: Optional
Max Use: 10
Purpose: To indicate a quantity, and/or amount for an identified period
Syntax Notes:

- 1 If any of PAM01 PAM02 or PAM03 is present, then all are required.
- 2 At least one of PAM02 PAM05 or PAM14 is required.
- 3 If either PAM04 or PAM05 is present, then the other is required.
- 4 If either PAM06 or PAM07 is present, then the other is required.
- 5 If PAM07 is present, then at least one of PAM08 or PAM09 is required.
- 6 If PAM07 is present, then PAM06 is required.
- 7 If PAM08 is present, then PAM07 is required.
- 8 If PAM09 is present, then PAM07 is required.
- 9 If PAM10 is present, then at least one of PAM11 or PAM12 is required.
- 10 If PAM11 is present, then PAM10 is required.
- 11 If either PAM13 or PAM14 is present, then the other is required.

Semantic Notes:

- 1 PAM10, PAM11, or PAM12 are used when two dates are required.
- 2 PAM15 indicates whether the monetary amount identified in PAM05 is a net or gross value. A "Y" indicates amount is a gross value; an "N" indicates amount is a net value.

Comments:
Notes: **This data segment currently not being utilized by BellSouth.**

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
PAM01	673	Quantity Qualifier Code specifying the type of quantity	X ID 2/2
PAM02	380	Quantity Numeric value of quantity Not currently being utilized by BellSouth: If PAM01 PAM02 GZ DLQTYR: Number of Listings Received SF SQTYR: Service Address Quantity Received BH DDQTYR: Number of Delivery Segments Received	X R 1/15
PAM03	C001	Composite Unit of Measure To identify a composite unit of measure (See Figures Appendix for examples of use)	X
Must Use	C00101	355 Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	M ID 2/2
Not Used	C00102	1018 Exponent Power to which a unit is raised	O R 1/15
Not Used	C00103	649 Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00104	355 Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00105	1018 Exponent Power to which a unit is raised	O R 1/15
Not Used	C00106	649 Multiplier	O R 1/10

			Value to be used as a multiplier to obtain a new value	
Not Used	C00107	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00108	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00109	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00110	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00111	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00112	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00113	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00114	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00115	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	PAM04	522	Amount Qualifier Code Code to qualify amount	X ID 1/3
Not Used	PAM05	782	Monetary Amount Monetary amount	X R 1/18
Not Used	PAM06	344	Unit of Time Period or Interval Code indicating the time period or interval	X ID 2/2
Not Used	PAM07	374	Date/Time Qualifier Code specifying type of date or time, or both date and time	X ID 3/3
Not Used	PAM08	373	Date Date expressed as CCYYMMDD	X DT 8/8
Not Used	PAM09	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	X TM 4/8
Not Used	PAM10	374	Date/Time Qualifier Code specifying type of date or time, or both date and time	X ID 3/3
Not Used	PAM11	373	Date Date expressed as CCYYMMDD	X DT 8/8
Not Used	PAM12	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	X TM 4/8
Not Used	PAM13	1004	Percent Qualifier Code to qualify percent	X ID 1/2
Not Used	PAM14	954	Percent Percentage expressed as a decimal	X R 1/10
Not Used	PAM15	1073	Yes/No Condition or Response Code Code indicating a Yes or No condition or response	O ID 1/1

Segment: **DTM** Date/Time Reference
Position: 150
Loop:
Level: Heading
Usage: Optional
Max Use: 10
Purpose: To specify pertinent dates and times
Syntax Notes:

- 1 At least one of DTM02 DTM03 or DTM05 is required.
- 2 If DTM04 is present, then DTM03 is required.
- 3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:
Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	DTM01	374	Date/Time Qualifier Code specifying type of date or time, or both date and time BellSouth valid codes: 007 Effective 097 Transaction Creation 150 Service Period Start 992 Date Requested	M ID 3/3
	DTM02	373	Date Date expressed as CCYYMMDD If DTM01 DTM02 007 EBD: Effective Bill Date 097 CD/SENT: Confirmation Sent Date 150 DD/CD: Due Date Not currently being utilized by BellSouth: 018 DDA: Date of Availability 050 DOR: Date of Receipt 139 ESDD: Estimated Due Date	X DT 8/8
	DTM03	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) Not currently being utilized by BellSouth: Time portion of CD/SENT (CD/TSENT)	X TM 4/8
Not Used	DTM04	623	Time Code Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	O ID 2/2

DTM05	1250	Date Time Period Format Qualifier	X	ID 2/3
		Code indicating the date format, time format, or date and time format		
		BellSouth valid code:		
		RTM		Range of Time Expressed in Format HHMM-HHMM A range of times expressed in the form HHMM-HHMM where HH is the numerical expression of hours in the day based on a twenty-four hour clock and MM is the numerical expression of minutes within an hour; the first occurrence of HHMM is the starting time and the second is the ending time
		TM		Time Expressed in Format HHMM Time expressed in the format HHMM where HH is the numerical expression of hours in the day based on a twenty-four hour clock and MM is the numerical expression of minutes within an hour
DTM06	1251	Date Time Period	X	AN 1/35
		Expression of a date, a time, or range of dates, times or dates and times		
		If		
		DTM01 DTM05 DTM06		
		992 TM/RTM FDT: Frame Due Time		
		Not currently being utilized by BellSouth:		
		992 TM/RTM DADT: Directory Assistance Due Time		

Segment: **SI** Service Characteristic Identification

Position: 185

Loop:

Level: Heading

Usage: Optional

Max Use: >1

Purpose: To specify service characteristic data

- Syntax Notes:**
- 1 If either SI04 or SI05 is present, then the other is required.
 - 2 If either SI06 or SI07 is present, then the other is required.
 - 3 If either SI08 or SI09 is present, then the other is required.
 - 4 If either SI10 or SI11 is present, then the other is required.
 - 5 If either SI12 or SI13 is present, then the other is required.
 - 6 If either SI14 or SI15 is present, then the other is required.
 - 7 If either SI16 or SI17 is present, then the other is required.
 - 8 If either SI18 or SI19 is present, then the other is required.
 - 9 If either SI20 or SI21 is present, then the other is required.

Semantic Notes:

- Comments:**
- 1 SI01 defines the source for each of the service characteristics qualifiers.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	SI01	559	Agency Qualifier Code Code identifying the agency assigning the code values BellSouth valid code: TI Telecommunications Industry	M ID 2/2
Must Use	SI02	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics BellSouth valid codes: IB ISDN BRI Type	M AN 2/2
Must Use	SI03	234	Product/Service ID Identifying number for a product or service If SI DE1000 SI DE234 IB IBT: ISDN BRI Type	M AN 1/48
	SI04	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics See SI02 for the list of valid codes	X AN 2/2
	SI05	234	Product/Service ID Identifying number for a product or service	X AN 1/48
	SI06	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics See SI02 for the list of valid codes	X AN 2/2
	SI07	234	Product/Service ID Identifying number for a product or service	X AN 1/48
	SI08	1000	Service Characteristics Qualifier	X AN 2/2

		Code from an industry code list qualifying the type of service characteristics		
S109	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		
S110	1000	Service Characteristics Qualifier	X	AN 2/2
		Code from an industry code list qualifying the type of service characteristics		
S111	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		
S112	1000	Service Characteristics Qualifier	X	AN 2/2
		Code from an industry code list qualifying the type of service characteristics		
S113	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		
S114	1000	Service Characteristics Qualifier	X	AN 2/2
		Code from an industry code list qualifying the type of service characteristics		
S115	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		
S116	1000	Service Characteristics Qualifier	X	AN 2/2
		Code from an industry code list qualifying the type of service characteristics		
S117	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		
S118	1000	Service Characteristics Qualifier	X	AN 2/2
		Code from an industry code list qualifying the type of service characteristics		
S119	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		
S120	1000	Service Characteristics Qualifier	X	AN 2/2
		Code from an industry code list qualifying the type of service characteristics		
S121	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		

Segment: **PID** **Product/Item Description**
Position: 190
Loop:
Level: Heading
Usage: Optional
Max Use: 200
Purpose: To describe a product or process in coded or free-form format
Syntax Notes:

- 1 If PID04 is present, then PID03 is required.
- 2 At least one of PID04 or PID05 is required.
- 3 If PID07 is present, then PID03 is required.
- 4 If PID08 is present, then PID04 is required.
- 5 If PID09 is present, then PID05 is required.

Semantic Notes:

- 1 Use PID03 to indicate the organization that publishes the code list being referred to.
- 2 PID04 should be used for industry-specific product description codes.
- 3 PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
- 4 PID09 is used to identify the language being used in PID05.

Comments:

- 1 If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
- 2 Use PID06 when necessary to refer to the product surface or layer being described in the segment.
- 3 PID07 specifies the individual code list of the agency specified in PID03.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element Name</u>	
Must Use	PID01	349 Item Description Type Code indicating the format of a description BellSouth valid code: S Structured (From Industry Code List)	M ID 1/1
Not Used	PID02	750 Product/Process Characteristic Code Code identifying the general class of a product or process characteristic	O ID 2/3
	PID03	559 Agency Qualifier Code Code identifying the agency assigning the code values BellSouth valid code: TI Telecommunications Industry	X ID 2/2
	PID04	751 Product Description Code A code from an industry code list which provides specific data about a product characteristic BellSouth valid code: AH Coordinated Hot Cut is Required	X AN 1/12
Not Used	PID05	352 Description A free-form description to clarify the related data elements and their content	X AN 1/80
Not Used	PID06	752 Surface/Layer/Position Code Code indicating the product surface, layer or position that is being described	O ID 2/2
	PID07	822 Source Subqualifier A reference that indicates the table or text maintained by the Source Qualifier SO-RSQ Service Order - Reseller Question	O AN 1/15

	PID08	1073	Yes/No Condition or Response Code	O ID 1/1
			Code indicating a Yes or No condition or response	
			If	
			PID04 PID08	
			AH CHC: Coordinated Hot Cut	
			Not currently being utilized by BellSouth:	
			BM AFVR: Additional Field Visit Required	
			AH DCHC: Directory Assistance Coordinated Hot Cut	
			N No	
			Y Yes	
Not Used	PID09	819	Language Code	O ID 2/3
			Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)	

Segment: **N9** Reference Identification
Position: 280
Loop: N9 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To transmit identifying information as specified by the Reference Identification Qualifier
Syntax Notes:
 1 At least one of N902 or N903 is required.
 2 If N906 is present, then N905 is required.
 3 If either C04003 or C04004 is present, then the other is required.
 4 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:
 1 N906 reflects the time zone which the time reflects.
 2 N907 contains data relating to the value cited in N902.
Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	N901	128	Reference Identification Qualifier Code qualifying the Reference Identification BellSouth valid codes: IQ Error Identification Code Qualifies a single number that describes an error found in application-level data LI Letters or Notes Non-retained Remarks SH Sender Defined Clause	M ID 2/3
	N902	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier If N901 N902 IQ ERROR-CODE: Error Code LI ORI SH STATUS CODE: Status Code Not currently being utilized by BellSouth: TD RCODE: Reason Code	X AN 1/30
Not Used	N903	369	Free-form Description Free-form descriptive text	X AN 1/45
Not Used	N904	373	Date Date expressed as CCYYMMDD	O DT 8/8
Not Used	N905	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	X TM 4/8
Not Used	N906	623	Time Code Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	O ID 2/2

Not Used	N907	C040	Reference Identifier To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O	
Not Used	C04001	128	Reference Identification Qualifier Code qualifying the Reference Identification	M	ID 2/3
Not Used	C04002	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M	AN 1/30
Not Used	C04003	128	Reference Identification Qualifier Code qualifying the Reference Identification	X	ID 2/3
Not Used	C04004	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X	AN 1/30
Not Used	C04005	128	Reference Identification Qualifier Code qualifying the Reference Identification	X	ID 2/3
Not Used	C04006	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X	AN 1/30

Segment: **MSG** Message Text
Position: 290
Loop: N9 Optional
Level: Heading
Usage: Optional
Max Use: 1000
Purpose: To provide a free-form format that allows the transmission of text information
Syntax Notes: 1 If MSG03 is present, then MSG02 is required.
Semantic Notes: 1 MSG03 is the number of lines to advance before printing.
Comments: 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.
 2 If MSG02 is "AA - Advance the specified number of lines before print" then MSG03 is required.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	MSG01	933	Free-Form Message Text Free-form message text If N901 N902 MSG01 LQ ERROR-CODE ERROR-MSG: Error Message L1 ORI REMARKS: Remarks SH STATUS-CODE STATUS-MSG: Status Message	M AN 1/264
			Not currently being utilized by BellSouth: If N901 N902 N903 MSG01 L1 ORI CNF REMARKS: Remarks L1 ORI DSCN REMARKS: Remarks L1 ORI DSRED REMARKS: Remarks TD RDET: Reason Detail	
Not Used	MSG02	934	Printer Carriage Control Code A field to be used for the control of the line feed of the receiving printer	X ID 2/2
Not Used	MSG03	1470	Number A generic number	O N0 1/9

Segment: **N1** Name
Position: 300
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes:
 1 At least one of N102 or N103 is required.
 2 If either N103 or N104 is present, then the other is required.
Semantic Notes:
Comments:
 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
 2 N105 and N106 further define the type of entity in N101.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual BellSouth valid codes: 78 Service Requester The address in the N1 loop with a qualifier of 78 is the initiator's address. BY Buying Party (Purchaser) DG Design Engineering Identifies the design engineer or office of the design engineer who will receive design specifications NN Network Name Identifies the name of the telecommunications network, e.g., Envoy	M ID 2/3
	N102	93	Name Free-form name If N101 N102 78 CCNA: Customer Carrier Name Abbreviation DG DSGCON: Design/Engrg. Contact NN MNSP Not currently being utilized by BellSouth: VG DINIT: Initiator - Directory Request	X AN 1/60
	N103	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) BellSouth valid codes: 25 Carrier's Customer Code 42 Telecommunications Pseudo Carrier Identification Code A code similar to the standard Carrier Identification Code which is used to identify the local exchange service providers	X ID 1/2

	N104	67	Identification Code Code identifying a party or other code If N101 N102 N103 N104 BY 25 CC: Company Code NN NNSP 42 NNSP: New Netwrk Svc. Provider (LNP)	X AN 2/80
Not Used	N105	706	Entity Relationship Code Code describing entity relationship	O ID 2/2
Not Used	N106	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual	O ID 2/3

Segment: **PER** Administrative Communications Contact
Position: 350
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To identify a person or office to whom administrative communications should be directed
Syntax Notes:
 1 If either PER03 or PER04 is present, then the other is required.
 2 If either PER05 or PER06 is present, then the other is required.
 3 If either PER07 or PER08 is present, then the other is required.
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	PER01	366	Contact Function Code Code identifying the major duty or responsibility of the person or group named BellSouth valid codes: AG Agent	M ID 2/2
	PER02	93	Name Free-form name If N101 PER01 PER02 78 AG INIT: Initiator Identification	O AN 1/60
	PER03	365	Communication Number Qualifier Code identifying the type of communication number BellSouth valid code: TE Telephone	X ID 2/2
	PER04	364	Communication Number Complete communications number including country or area code when applicable If PER01 PER03 PER04 AG TE TELNO-INIT: Initiator Tele. No.	X AN 1/80
Not Used	PER05	365	Communication Number Qualifier Code identifying the type of communication number	X ID 2/2
Not Used	PER06	364	Communication Number Complete communications number including country or area code when applicable	X AN 1/80
Not Used	PER07	365	Communication Number Qualifier Code identifying the type of communication number	X ID 2/2
Not Used	PER08	364	Communication Number Complete communications number including country or area code when applicable	X AN 1/80
Not Used	PER09	443	Contact Inquiry Reference Additional reference number or description to clarify a contact number	O AN 1/20

Segment: **POC** Line Item Change
Position: 010
Loop: POC Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify changes to a line item
Syntax Notes: 1 If POC03 is present, then both POC04 and POC05 are required.
 2 If POC07 is present, then POC06 is required.
 3 If either POC08 or POC09 is present, then the other is required.
 4 If either POC10 or POC11 is present, then the other is required.
 5 If either POC12 or POC13 is present, then the other is required.
 6 If either POC14 or POC15 is present, then the other is required.
 7 If either POC16 or POC17 is present, then the other is required.
 8 If either POC18 or POC19 is present, then the other is required.
 9 If either POC20 or POC21 is present, then the other is required.
 10 If either POC22 or POC23 is present, then the other is required.
 11 If either POC24 or POC25 is present, then the other is required.
 12 If either POC26 or POC27 is present, then the other is required.
Semantic Notes: 1 POC01 is the purchase order line item identification.
Comments:

Data Element Summary

Ref.	Data		Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	
	POC01	350	Assigned Identification O AN 1/20
			Alphanumeric characters assigned for differentiation within a transaction set
Must Use	POC02	670	Change or Response Type Code M ID 2/2
			Code specifying the type of change to the line item
			BellSouth valid code:
		RZ	Replace All Values
			Receiver should replace the corresponding values in the original purchase order with the values contained in the Purchase Order Change Transaction Set
Not Used	POC03	330	Quantity Ordered O R 1/15
			Quantity ordered
			BellSouth valid entry: 1
Not Used	POC04	671	Quantity Left to Receive X R 1/9
			Quantity left to receive as qualified by the unit of measure
Not Used	POC05	C001	Composite Unit of Measure X
			To identify a composite unit of measure (See Figures Appendix for examples of use)
Not Used	C00101	355	Unit or Basis for Measurement Code M ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken
			BellSouth valid code:
		EA	Each
Not Used	C00102	1018	Exponent O R 1/15
			Power to which a unit is raised
Not Used	C00103	649	Multiplier O R 1/10
			Value to be used as a multiplier to obtain a new value

Not Used	C00104	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
Not Used	C00105	1018	Exponent Power to which a unit is raised	O	R 1/15
Not Used	C00106	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00107	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
Not Used	C00108	1018	Exponent Power to which a unit is raised	O	R 1/15
Not Used	C00109	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00110	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
Not Used	C00111	1018	Exponent Power to which a unit is raised	O	R 1/15
Not Used	C00112	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00113	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
Not Used	C00114	1018	Exponent Power to which a unit is raised	O	R 1/15
Not Used	C00115	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	POC06	212	Unit Price Price per unit of product, service, commodity, etc.	X	R 1/17
Not Used	POC07	639	Basis of Unit Price Code Code identifying the type of unit price for an item	O	ID 2/2
Not Used	POC08	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	POC09	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
Not Used	POC10	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	POC11	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
Not Used	POC12	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	POC13	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
Not Used	POC14	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	POC15	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
Not Used	POC16	235	Product/Service ID Qualifier	X	ID 2/2

Not Used	POC17	234	Code identifying the type/source of the descriptive number used in Product/Service ID (234) Product/Service ID Identifying number for a product or service	X	AN 1/48
Not Used	POC18	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	POC19	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
Not Used	POC20	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	POC21	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
Not Used	POC22	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	POC23	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
Not Used	POC24	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	POC25	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
Not Used	POC26	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	POC27	234	Product/Service ID Identifying number for a product or service	X	AN 1/48

Segment: **SI** **Service Characteristic Identification**
Position: 018
Loop: POC Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify service characteristic data
Syntax Notes:

- 1 If either SI04 or SI05 is present, then the other is required.
- 2 If either SI06 or SI07 is present, then the other is required.
- 3 If either SI08 or SI09 is present, then the other is required.
- 4 If either SI10 or SI11 is present, then the other is required.
- 5 If either SI12 or SI13 is present, then the other is required.
- 6 If either SI14 or SI15 is present, then the other is required.
- 7 If either SI16 or SI17 is present, then the other is required.
- 8 If either SI18 or SI19 is present, then the other is required.
- 9 If either SI20 or SI21 is present, then the other is required.

Semantic Notes:
Comments:

- 1 SI01 defines the source for each of the service characteristics qualifiers.

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	SI01	559	Agency Qualifier Code Code identifying the agency assigning the code values BellSouth valid code: TI Telecommunications Industry	M ID 2/2
Must Use	SI02	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics BellSouth valid codes: AM Main/Alternative Telephone Number BR Directory Listings Type of Account CM Local Service Provider Circuit Number CN Circuit Number Identification Code CU Channel Pair Identifier DD DID Digits Out DG Degree of Intent IT Ported Telephone Number K1 System ID K2 Cable Identification K3 Shelf K4 Slot K5 Relay Rack K6 Channel/Pair LB Listing Activity Type LE Listing Type LN Listed Telephone Number LO Local Exchange Carrier Serving Office Code ND Disconnect Number NS Non-Standard Telephone Number	M AN 2/2

NT Shared Line Telephone Number
 OT Out Telephone Number
 RI Route Index
 SA Service Activity Code
 SG Service Group
 SN ISDN Service Profile Identifier (ISPID)
 T5 Terminal Number
 T9 DID Telephone Number Range
 TH Trunk Group Number
 TK Trunk Number
 TN Telephone Number
 TQ Telephone Line Identifier
 TW Style Code
 TZ Number Type

Must Use **SI03** **234** **Product/Service ID** **M** **AN 1/48**

Identifying number for a product or service

If

SI02 **SI03**

AM **MATN: Main/Alternate Telephone Number**
BR **TOA: Type of Account**
CM **CKR: Customer Circuit Reference**
CN **ECCKT: Exchange Company Circuit ID**
CU **CHAN/PAIR2: Channel Pair 2**
DD **DGOUT: DID Digits Out**
DG **DOI: Degree of Indent**
IT **PORTED NBR: Ported Number**
K1 **SYSTEM ID: System ID**
K2 **CABLE ID: Cable ID**
K3 **SHELF: Shelf**
K4 **SLOT: Slot**
K5 **RELAY RACK: Relay Rack**
K6 **CHAN/PAIR: Channel/Pair**
LB **LACT: Listing Activity Type**
LE **LTY: Listing Type**
LN **LTN: Listed Telephone Number**
LO **LST: Local Service Termination**
ND **DISC NBR: Disconnect Telephone Number**
NS **NSTN: Non Standard Telephone Number**
NT **SLTN: Shared Line Telephone Number**
OT **OTN: Out Telephone Number**
RI **RTI: Route Index Number or**
RI **DRTI: Route Index Number**
SA **HA: Hunt Group Activity**
SG **HID: Hunt Group ID**
SN **ISPID: ISDN Service Profile Identification**
T5 **TERS: Terminal Number(s)**
T9 **DTNR: DID TN Range**
TH **DTGN: Trunk Group Number**
TK **DTKID: DID Trunk ID**
TN **TNS: Telephone Numbers**
TQ **TLI: Telephone Line Identifier or**
TQ **DTLI: DID Telephone Line Identifier**
TW **STYC: Style Code**
TZ **NOTYP: Number Type**

Not currently being utilized by BellSouth:

AT **LTC: Line Treatment Code**

		DB	BOOK: Book of Listings		
		DE	DLCI: Data Link Connection Identifier		
		DF	SECTION: Section of Directory for Listings		
		DM	DSN: Dialable Station Number		
		DY	DSTN: Disassociated TN		
		ES	RECCKT: Related Exchange Company Circuit ID		
		J5	DEMARC: Demarc Designation		
		K7	UNIT: Unit Number		
		LG	LISTTDA: Listed Telephone No. DA		
		SE	RDLCI: Related Data Link Connection ID		
SI04	1000		Service Characteristics Qualifier	X	AN 2/2
			Code from an industry code list qualifying the type of service characteristics See S102 for the list of valid codes		
SI05	234		Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
SI06	1000		Service Characteristics Qualifier	X	AN 2/2
			Code from an industry code list qualifying the type of service characteristics See S102 for the list of valid codes		
SI07	234		Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
SI08	1000		Service Characteristics Qualifier	X	AN 2/2
			Code from an industry code list qualifying the type of service characteristics See S102 for the list of valid codes		
SI09	234		Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
SI10	1000		Service Characteristics Qualifier	X	AN 2/2
			Code from an industry code list qualifying the type of service characteristics See S102 for the list of valid codes		
SI11	234		Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
SI12	1000		Service Characteristics Qualifier	X	AN 2/2
			Code from an industry code list qualifying the type of service characteristics See S102 for the list of valid codes		
SI13	234		Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
SI14	1000		Service Characteristics Qualifier	X	AN 2/2
			Code from an industry code list qualifying the type of service characteristics See S102 for the list of valid codes		
SI15	234		Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
SI16	1000		Service Characteristics Qualifier	X	AN 2/2
			Code from an industry code list qualifying the type of service characteristics See S102 for the list of valid codes		
SI17	234		Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
SI18	1000		Service Characteristics Qualifier	X	AN 2/2
			Code from an industry code list qualifying the type of service characteristics See S102 for the list of valid codes		
SI19	234		Product/Service ID	X	AN 1/48

		Identifying number for a product or service		
S120	1000	Service Characteristics Qualifier	X	AN 2/2
		Code from an industry code list qualifying the type of service characteristics See S102 for the list of valid codes		
S121	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		

Segment: **PID** Product/Item Description

Position: 050

Loop: PID Optional

Level: Detail

Usage: Optional

Max Use: 1

Purpose: To describe a product or process in coded or free-form format

Syntax Notes:

- 1 If PID04 is present, then PID03 is required.
- 2 At least one of PID04 or PID05 is required.
- 3 If PID07 is present, then PID03 is required.
- 4 If PID08 is present, then PID04 is required.
- 5 If PID09 is present, then PID05 is required.

Semantic Notes:

- 1 Use PID03 to indicate the organization that publishes the code list being referred to.
- 2 PID04 should be used for industry-specific product description codes.
- 3 PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
- 4 PID09 is used to identify the language being used in PID05.

Comments:

- 1 If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
- 2 Use PID06 when necessary to refer to the product surface or layer being described in the segment.
- 3 PID07 specifies the individual code list of the agency specified in PID03.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	PID01	349	Item Description Type Code indicating the format of a description BellSouth valid code: S Structured (From Industry Code List)	M ID 1/1
Not Used	PID02	750	Product/Process Characteristic Code Code identifying the general class of a product or process characteristic	O ID 2/3
	PID03	559	Agency Qualifier Code Code identifying the agency assigning the code values BellSouth valid code: TI Telecommunications Industry	X ID 2/2
	PID04	751	Product Description Code A code from an industry code list which provides specific data about a product characteristic BellSouth valid code: CFA Connecting Facility Assignment	X AN 1/12
	PID05	352	Description A free-form description to clarify the related data elements and their content If PID04 PID05 CFA CFA: Connecting Facility Assignment	X AN 1/80
Not Used	PID06	752	Surface/Layer/Position Code Code indicating the product surface, layer or position that is being described	O ID 2/2
Not Used	PID07	822	Source Subqualifier A reference that indicates the table or text maintained by the Source Qualifier	O AN 1/15

	PID08	1073	Yes/No Condition or Response Code Code indicating a Yes or No condition or response Not currently being utilized by BellSouth: IF PID04 PID08 AI PGI: Pair Gain Indicator AK OOR: Out of Range Indicator AL NID: Network Interface Device	O ID 1/1
Not Used	PID09	819	Language Code Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)	O ID 2/3

Segment: **REF** Reference Identification
Position: 100
Loop: POC Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify identifying information
Syntax Notes: 1 At least one of REF02 or REF03 is required.
 2 If either C04003 or C04004 is present, then the other is required.
 3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes: 1 REF04 contains data relating to the value cited in REF02.
Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification BellSouth valid codes: 11 Account Number Number identifies a telecommunications industry account 9F Referral Number IX Item Number LI Line Item Identifier (Seller's) OW Service Order Number Number assigned when a customer orders service and equipment and which appears on bill	M ID 2/3
	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier If REF01 REF03 REF02 9F NPORD: Number Portability Order Number 11 LEAN LEAN: Line Existing Account Number 11 LEATN LEATN: Line Existing Account Tele. No. IX DIDNUM DIDNUM: DID Reference No. IX DNUM DNUM: Disconnect Line Reference No. IX DLNUM DLNUM: Directory Listing Reference No. IX HNUM HNUM: Hunting Number IX LNUM LNUM: Line Number IX LNE X LNE X: Line Number Extention IX LOCNUM LOCNUM: Location Number LI ALI ALI: Alpha/Numeric Reference OW LORD L-ORD: Loop Order Number Not currently being utilized by BellSouth: IX DELNUM DELNUM: Delivery Reference Number IX ERNUM ERNUM: Error Detail Reference Number UH DISC ORD: Disconnect Order Number	X AN 1/30

Segment: QTY Quantity
Position: 302
Loop: QTY Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify quantity information
Syntax Notes: 1 At least one of QTY02 or QTY04 is required.
 2 Only one of QTY02 or QTY04 may be present.
Semantic Notes: 1 QTY04 is used when the quantity is non-numeric.
Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	QTY01	673	Quantity Qualifier Code specifying the type of quantity BellSouth valid code: FJ Trunked Channels	M ID 2/2
	QTY02	380	Quantity Numeric value of quantity If QTY01 QTY02 FJ DTR: DID Trunk Quantity	X R 1/15
	QTY03	C001	Composite Unit of Measure To identify a composite unit of measure (See Figures Appendix for examples of use)	O
Must Use	C00101	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken BellSouth valid code: EA Each	M ID 2/2
Not Used	C00102	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00103	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00104	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00105	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00106	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00107	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00108	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00109	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00110	355	Unit or Basis for Measurement Code	O ID 2/2

			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	C00111	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00112	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00113	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00114	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00115	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	QTY04	61	Free-Form Message Free-form information	X AN 1/30

Segment: **N9 Reference Identification**
Position: 350
Loop: N9 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To transmit identifying information as specified by the Reference Identification Qualifier
Syntax Notes:
 1 At least one of N902 or N903 is required.
 2 If N906 is present, then N905 is required.
 3 If either C04003 or C04004 is present, then the other is required.
 4 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:
 1 N906 reflects the time zone which the time reflects.
 2 N907 contains data relating to the value cited in N902.
Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N901	128	Reference Identification Qualifier Code qualifying the Reference Identification BellSouth valid codes: 82 Data Item Description (DID) Reference Specific data elements that the government will ask a contractor to provide and are spelled out in specific requirement documents	M ID 2/3
	N902	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier If N901 N902 82 LISTNM, LISTADR, LTXTY, or WPP Not currently being utilized by BellSouth: 1Q LECODE: Listing Error Code	X AN 1/30
	N903	369	Free-form Description Free-form descriptive text If N901 N902 N903 82 LTXTY LTXTY: Listing Text Type	X AN 1/45
Not Used	N904	373	Date Date expressed as CCYYMMDD	O DT 8/8
Not Used	N905	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	X TM 4/8
Not Used	N906	623	Time Code Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	O ID 2/2
	N907	C040	Reference Identifier To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O

Must Use	C04001	128	Reference Identification Qualifier Code qualifying the Reference Identification BellSouth valid code: 55 Sequence Number	M	ID 2/3
Must Use	C04002	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier If N901 N902 N907 N907 (C040:1) (C040:2) 82 LXTY 55 LTXNUM: Line of Text Reference No.	M	AN 1/30
	C04003	128	Reference Identification Qualifier Code qualifying the Reference Identification	X	ID 2/3
	C04004	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X	AN 1/30
	C04005	128	Reference Identification Qualifier Code qualifying the Reference Identification	X	ID 2/3
	C04006	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X	AN 1/30

Segment: **MSG** Message Text
Position: 360
Loop: N9 Optional
Level: Detail
Usage: Optional
Max Use: 1000
Purpose: To provide a free-form format that allows the transmission of text information
Syntax Notes: 1 If MSG03 is present, then MSG02 is required.
Semantic Notes: 1 MSG03 is the number of lines to advance before printing.
Comments: 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.
 2 If MSG02 is "AA - Advance the specified number of lines before print" then MSG03 is required.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	MSG01	933	Free-Form Message Text Free-form message text If N901 N902 MSG01 82 LISTNM LISTNM: Listed Name 82 LISTADR LISTADR Listed Address 82 LTTY LISTTEXT Listed Text 82 WPP WPP: White Page Products	M AN 1/264
Not currently being utilized by BellSouth:				
Not Used	MSG02	934	Printer Carriage Control Code A field to be used for the control of the line feed of the receiving printer	X ID 2/2
Not Used	MSG03	1470	Number A generic number	O N0 1/9

Segment: **SLN** Subline Item Detail

Position: 490

Loop: SLN Optional

Level: Detail

Usage: Optional

Max Use: 1

Purpose: To specify product subline detail item data

Syntax Notes:

- 1 If either SLN04 or SLN05 is present, then the other is required.
- 2 If SLN07 is present, then SLN06 is required.
- 3 If SLN08 is present, then SLN06 is required.
- 4 If either SLN09 or SLN10 is present, then the other is required.
- 5 If either SLN11 or SLN12 is present, then the other is required.
- 6 If either SLN13 or SLN14 is present, then the other is required.
- 7 If either SLN15 or SLN16 is present, then the other is required.
- 8 If either SLN17 or SLN18 is present, then the other is required.
- 9 If either SLN19 or SLN20 is present, then the other is required.
- 10 If either SLN21 or SLN22 is present, then the other is required.
- 11 If either SLN23 or SLN24 is present, then the other is required.
- 12 If either SLN25 or SLN26 is present, then the other is required.
- 13 If either SLN27 or SLN28 is present, then the other is required.

Semantic Notes:

- 1 SLN01 is the identifying number for the subline item.
- 2 SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials.
- 3 SLN03 is the configuration code indicating the relationship of the subline item to the baseline item.
- 4 SLN08 is a code indicating the relationship of the price or amount to the associated segment.

Comments:

- 1 See the Data Element Dictionary for a complete list of IDs.
- 2 SLN01 is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1.
- 3 SLN09 through SLN28 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element Name</u>	
Must Use	SLN01	350 Assigned Identification	M AN 1/20
		Alphanumeric characters assigned for differentiation within a transaction set	
Not Used	SLN02	350 Assigned Identification	O AN 1/20
		Alphanumeric characters assigned for differentiation within a transaction set	
Must Use	SLN03	662 Relationship Code	M ID 1/1
		Code indicating the relationship between entities	
		BellSouth valid codes:	
		A Add	
		D Delete	
		I Included	
	SLN04	380 Quantity	X R 1/15
		Numeric value of quantity	
	SLN05	C001 Composite Unit of Measure	X
		To identify a composite unit of measure (See Figures Appendix for examples of use)	

Must Use	C00101	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken EA Each	M ID 2/2
Not Used	C00102	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00103	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00104	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00105	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00106	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00107	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00108	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00109	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00110	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00111	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00112	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00113	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00114	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00115	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	SLN06	212	Unit Price Price per unit of product, service, commodity, etc.	X R 1/17
Not Used	SLN07	639	Basis of Unit Price Code Code identifying the type of unit price for an item	O ID 2/2
Not Used	SLN08	662	Relationship Code Code indicating the relationship between entities	O ID 1/1
Not Used	SLN09	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X ID 2/2
Not Used	SLN10	234	Product/Service ID Identifying number for a product or service	X AN 1/48
Not Used	SLN11	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X ID 2/2
Not Used	SLN12	234	Product/Service ID	X AN 1/48

			Identifying number for a product or service		
Not Used	SLN13	235	Product/Service ID Qualifier	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	SLN14	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
Not Used	SLN15	235	Product/Service ID Qualifier	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	SLN16	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
Not Used	SLN17	235	Product/Service ID Qualifier	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	SLN18	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
Not Used	SLN19	235	Product/Service ID Qualifier	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	SLN20	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
Not Used	SLN21	235	Product/Service ID Qualifier	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	SLN22	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
Not Used	SLN23	235	Product/Service ID Qualifier	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	SLN24	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
Not Used	SLN25	235	Product/Service ID Qualifier	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	SLN26	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
Not Used	SLN27	235	Product/Service ID Qualifier	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	SLN28	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		

Segment: **SI** Service Characteristic Identification
Position: 500
Loop: SLN Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify service characteristic data
Syntax Notes:

- 1 If either SI04 or SI05 is present, then the other is required.
- 2 If either SI06 or SI07 is present, then the other is required.
- 3 If either SI08 or SI09 is present, then the other is required.
- 4 If either SI10 or SI11 is present, then the other is required.
- 5 If either SI12 or SI13 is present, then the other is required.
- 6 If either SI14 or SI15 is present, then the other is required.
- 7 If either SI16 or SI17 is present, then the other is required.
- 8 If either SI18 or SI19 is present, then the other is required.
- 9 If either SI20 or SI21 is present, then the other is required.

Semantic Notes:
Comments:

- 1 SI01 defines the source for each of the service characteristics qualifiers.

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>Attributes</u>
Must Use	SI01	559	Agency Qualifier Code Code identifying the agency assigning the code values BellSouth valid code: TI Telecommunications Industry	M ID 2/2
Must Use	SI02	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics BellSouth valid code: HT Hunting Telephone Number	M AN 2/2
Must Use	SI03	234	Product/Service ID Identifying number for a product or service If SI02 SI03 HT HT: Hunting Telephone Number	M AN 1/48
	SI04	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X AN 2/2
	SI05	234	Product/Service ID Identifying number for a product or service	X AN 1/48
	SI06	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X AN 2/2
	SI07	234	Product/Service ID Identifying number for a product or service	X AN 1/48
	SI08	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X AN 2/2
	SI09	234	Product/Service ID Identifying number for a product or service	X AN 1/48
	SI10	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X AN 2/2

S111	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
S112	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
S113	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
S114	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
S115	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
S116	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
S117	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
S118	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
S119	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
S120	1000	Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics	X	AN 2/2
S121	234	Product/Service ID Identifying number for a product or service	X	AN 1/48

Segment: **N9 Reference Identification**
Position: 563
Loop: N9 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To transmit identifying information as specified by the Reference Identification Qualifier
Syntax Notes:
 1 At least one of N902 or N903 is required.
 2 If N906 is present, then N905 is required.
 3 If either C04003 or C04004 is present, then the other is required.
 4 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:
 1 N906 reflects the time zone which the time reflects.
 2 N907 contains data relating to the value cited in N902.
Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N901	128	Reference Identification Qualifier Code qualifying the Reference Identification BellSouth valid code: 55 Sequence Number	M ID 2/3
	N902	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier If N901 N903 N902 55 HTSEQ HTSEQ: Hunting Sequence	X AN 1/30
	N903	369	Free-form Description Free-form descriptive text If N901 N902 55 HTSEQ	X AN 1/45
Not Used	N904	373	Date Date expressed as CCYYMMDD	O DT 8/8
Not Used	N905	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	X TM 4/8
Not Used	N906	623	Time Code Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	O ID 2/2
Not Used	N907	C040	Reference Identifier To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O
Not Used	C04001	128	Reference Identification Qualifier Code qualifying the Reference Identification	M ID 2/3
Not Used	C04002	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M AN 1/30

Not Used	C04003	128	specified by the Reference Identification Qualifier Reference Identification Qualifier Code qualifying the Reference Identification	X	ID 2/3
Not Used	C04004	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X	AN 1/30
Not Used	C04005	128	Reference Identification Qualifier Code qualifying the Reference Identification	X	ID 2/3
Not Used	C04006	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X	AN 1/30

Segment: CTT Transaction Totals

Position: 010
Loop: CTT Mandatory
Level: Summary
Usage: Mandatory
Max Use: 1

Purpose: To transmit a hash total for a specific element in the transaction set

- Syntax Notes:**
- 1 If either CTT03 or CTT04 is present, then the other is required.
 - 2 If either CTT05 or CTT06 is present, then the other is required.

Semantic Notes:

- Comments:**
- 1 This segment is intended to provide hash totals to validate transaction completeness and correctness.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element Name</u>	
Must Use	CTT01	354 Number of Line Items Total number of line items in the transaction set	M N0 1/6
Not Used	CTT02	347 Hash Total Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. Example: -.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. ----- 1855 Hash total prior to truncation. 855 Hash total after truncation to three-digit field.	O R 1/10
Not Used	CTT03	81 Weight Numeric value of weight	X R 1/10
Not Used	CTT04	355 Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	X ID 2/2
Not Used	CTT05	183 Volume Value of volumetric measure	X R 1/8
Not Used	CTT06	355 Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	X ID 2/2
Not Used	CTT07	352 Description A free-form description to clarify the related data elements and their content	O AN 1/80

Segment: **SE** Transaction Set Trailer

Position: 030

Loop:

Level: Summary

Usage: Mandatory

Max Use: 1

Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Syntax Notes:

Semantic Notes:

Comments: 1 SE is the last segment of each transaction set.

Data Element Summary

	Ref.	Data		
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	SE01	96	Number of Included Segments	M N0 1/10
			Total number of segments included in a transaction set including ST and SE segments	
Must Use	SE02	329	Transaction Set Control Number	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			The value of this data element in SE02 in the Transaction Set Trailer (SE) must match the value of this same data element in ST02 in the Transaction Set Header (ST).	