PBX Order Submittal

Table of Contents

16. P	BX	2
16.1	BUSINESS DESCRIPTION	2
16.2	BUSINESS MODEL	6
16.3	DEVELOPER WORKSHEETS	
16.4	TRADING PARTNER ACCESS INFORMATION	8
16.4	4.1 OVERVIEW: Qwest Specific Functional Group Envelope - R	outing
Info	rmation	9
	4.2 ISA TABLE INFORMATION	
	4.3 GS TABLE INFORMATION	
16.4	4.4 MAPPING EXAMPLE AND DATA DICTIONARY ITEMS	13
16.5	MAPPING EXAMPLES	15
16.5	5.1 850 PBX (850PBX) - Version 4020	15
Ena	User Form (Disconnect Information Section)	17
Res	sale Form (Service Details Section)	17
	Form (Delivery Address/Information Section)	
	Form (Service Details Section)	
16.5	5.2 860 PBX Supplemental Service Request (860PBX) – Version 4020	20
16.6	DATA DICTIONARY	21
16.6	6.1 850 PBX Service Request (850PBX)	21
16.6	6.2 860 PBX Supplemental Service Request (860PBX)	148

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16. PBX

16.1 Business Description

Qwest's retail telecommunication service, Private Branch Exchange (PBX) trunk service, is available for resale by Competitive Local Exchange Carriers (CLECs) to end-user customers. Resale PBX trunk service provides analog or digital trunks to connect your end-user's Customer Provided Equipment (CPE) PBX telecommunications system equipment from your end-user's premises to the Qwest Central Office (CO). The trunks provided by Qwest are CO lines that terminate in a type of common equipment. The trunks provided by Qwest are CO lines that terminate in a type of common equipment. Digital trunks are referred to as Digital Switched Services (DSS).

Your end-user's PBX CPE system equipment routes incoming, outgoing, and internal calls. The PBX system at your end-user's premises is what determines which line or trunk is available to make or receive a call.

The following forms will be used between Qwest and the CLEC for PBX ordering purposes:

- LSR Local Service Request
- EU End User Information
- RESALE Resale Service Form
- DL Directory Listing

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The following Order Activity Matrices define the available Order, Line and/or Listing Activities for PBX:

Business Rules for Combining Order, Line, and Listing Activity

for **PBX**

Req	ACT	Definition	Application	LNA	Forms required
Type					
EB	N	New Installation	New installation of Resale PBX.	N	LSR, EU, RS, DL
	D	Disconnect	Disconnect all services at the account level with transfer of calls	D	LSR, EU, RS
			Disconnect all services at the account level with no transfer of calls	Not Applicable	LSR, EU
	W	Conversion As Is	Change from one CLEC to another with no change to product or service or Directory Listing.	Not Applicable	LSR, EU
	V	Conversion As Specified	Conversion As Specified valid on conversion from existing Resale or Retail PBX from one CLEC to another with changes to service and Directory Listing changes.	W, N, V, D	LSR, EU, RS, DL if changing listings)

Z	Conversion	Conversion As Specified valid on	W, N, V, D	LSR, EU, RS
	As	conversion from existing Retail or		
	Specified,	Resale PBX from one CLEC with		
	No	changes to product or service, but		
	Directory	with no Directory Listing changes.		
	Listing			
С	Change	Change of an existing Resale PBX such as, add/remove features, add/remove trunk(s) to existing service/account, PIC/LPIC change, change/add/remove Directory Listing, change billing information,	C, P, X, N, D	LSR, EU, RS, DL (if changing listings)
		change telephone number		
Т	Outside Move	Outside move of an existing Resale PBX end user location.	N, D	LSR, EU, RS, DL (if changing listings)
L	Seasonal Suspend	Seasonal Suspend of an end user service who has elected temporary interruption of service	L	LSR, EU, RS
Υ	Deny	Denial of an end user service	Not Applicable	LSR, EU
В	Restore	Restoral of an end user service that was previously denied or seasonal suspend	L, (for seasonal restore). Not Applicable for Deny Restore	LSR, EU, RS
R	Record	Not Allowed	Not Applicable	
М	Inside Move	Not Allowed	Not Applicable	

Line Activities

LNA	Definition	Application
N	New Line.	New line at premises.
D	Line Disconnect.	Disconnect line. Resale - FA (Feature Activity) is used to delete lines and features and include applicable charges (i.e. transfer of calls).
W	Line Conversion As Is	Change LSP with no change to line and Directory Listing. Resale - FA (Feature Activity) is not allowed.
V	Line Conversion As Specified	Change LSP with changes to line or Directory Listing All fields on the Resale Form must be specified. Resale - FA must specify 'Conversion to LSP' (FA = V), 'New feature or charge' (FA = N), or 'Feature change' (FA =
С	Change	C). A change to a line with only the changed fields populated. Resale - FA can be 'Add/Install' (FA = N), 'Change Old' (FA = C), 'Disconnect' (FA = D), or 'Change New' (FA = 'T'). If the USOC is changing, use FA of 'N' and 'D'. If USOC is staying the same, and the FID or FID detail is changing, use FA of 'C' and 'T'. D = Line Disconnect. Resale - FA (Feature Activity) is used to delete lines and features and include applicable charges (i.e. transfer of calls).
Х	Phone Number Change	This LNA should only be used for Number Changes without any other activity. FA entries would not be appropriate. If Number Changes occur with other activity, an LNA=C should be used.
Р	PIC Change	This LNA should only be used for PIC changes without any other activity. FA entries would not be appropriate. If PIC Changes occur with other activity, an LNA of C should be used.
L	Seasonal Suspend	Seasonal Suspend of an end user line who has elected temporary interruption of service. Resale - FA (Feature Activity) may be included if charges are applicable.
All other LNA		Not Allowed

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LISTING ACTIVITIES

Updated: March 11, 2002

LACT	Definition	Application
N	New Listing	The DL form must specify all details about a new listing.
D	Delete existing listing	The DL form must indicate the ALI code, the listing name and text information must be included to ensure the correct listing is deleted. A main listing cannot be deleted.
I	Change existing listing (new data)	Change activity is only valid if the person or business and book are staying the same, and just the details of the listing are changing. For example, if a person is changing their name, this would be a change of the listing. Otherwise, a delete and new must be used. Must have both an 'I' and an 'O' activity in order to specify a listing change. The 'O' activity should come before the 'I' activity. An associated DL form for the same listing with the listing activity of 'O' is required.
0	Change existing listing (old data)	Change activity is only valid if the person or business and book are staying the same, and just the details of the listing are changing. Otherwise, a delete and new must be used. Must have both an 'l' and an 'O' activity in order to specify a listing change. The 'O' activity should come before the 'l' activity. An associated DL form for the same listing with the listing activity of 'l' is required.
Z	No change to existing listing	Only allowed on a conversion as specified (ACT = V) or an outside move (ACT= T). The DL form must indicate the ALI code (if not a main list) and RTY for the listing to remain the same, along with the listing name and text information to ensure the correct listing is referenced.

16.2 Business Model

See Appendix H

16.3 Developer Worksheets

See Appendices B and C - Developer Worksheets - Order

16.4 Trading Partner Access Information

ORDERING FUNCTION	PRODUCT ID
Public Branch Exchange Service Request	850PBX
Public Branch Exchange Supplemental	860PBX
Status Update – Auto Push	855SU
Firm Order Confirmation	855FOC
Firm Order Confirmation on Supplemental	865FOC
Non Fatal Error Response	855NF
Non Fatal Error Response on Supplemental	865NF
Fatal Error Response	855FATAL
Fatal Error Response on Supplemental	865FATAL
Jeopardy	865JEOP
Completion	865COMP

Order Submittal

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The process begins with an EDI Trading Partner Access Information between Qwest and the Co-Provider.

The order request is transmitted by the Co-Provider via the EDI 850/860 format. Qwest will translate and forward the data to the internal application system. The request may activate the following responses:

- <u>Firm Order Confirmation (FOC)</u> an indicator to the Co-Provider that the order has been accepted and successfully entered into the Qwest Service Order Processor systems.
- Order Completion notification returned to the Co-Provider when a service request is completed.
- <u>Error/Jeopardy Notification</u> notification to the Co-Provider of Fatal and/or Non-Fatal errors, detected either manually or by the system. Fatal errors prevent the order from processing. Non-Fatal errors occur after the order has successfully processed through the IMA system. Jeopardy Notification will be issued if Qwest has a problem meeting the commitment on the local service request.

16.4.1 OVERVIEW: Qwest Specific Functional Group Envelope - Routing Information

Separate maps have been created per ordering function. EDI envelopes are used to initiate translation processing and to invoke the correct map. In order to optimize interactive performance, the Co-Provider and Qwest agree to include only one transaction set per Functional Group, and one Functional Group per Interchange.

The Interchange envelope provides the Interchange Sender ID and Receiver ID information for EDI transport to deliver the transmission for external routing. The Functional Group Envelope routes the enclosed transaction set's output after translation to a specific application or application interface.

The Application Sender's Code (GS02) and Receiver's Code (GS03) are the linkage from the Functional Group Envelope to the translator's trading partner profile/relationship database in which the proper mapping and routing information are stored. In addition, the Functional Identifier Code (GS01) is the code identifying a group application related transaction sets.

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16.4.2 ISA TABLE INFORMATION

ANSI X12 ISA and IEA definitions:

- The ISA segment is the Interchange Control Header.
 Purpose: To start and to identify an interchange of zero or more functional groups and interchange related control segments.
- The IEA segment is the Interchange Control Trailer.
 Purpose: To define the end of an interchange of zero or more functional groups and interchange related control segments.

The Co-Provider and Qwest agree to the following routing information:

	SENT TO Qwest	RECEIVED FROM Qwest	
ISA01	'00' (No Authorization information present)	'00' (No Authorization information present)	
ISA02	Spaces (Authorization information)	Spaces (Authorization information)	
ISA03	'00' (No Security information is present)	'00' (No Security information is present)	
ISA04	Spaces (Security Information)	Spaces (Security information)	
ISA05	Co-Provider TP qualifier	'ZZ' (Mutually Defined)	
ISA06	Co-Provider TP ID	'QWESTO' (Note: This Trading partner ID is used only for QWEST order and postorder transactions. The "O" is the unique identifier.)	
ISA07	'ZZ' (Mutually Defined)	Co-Provider TP qualifier	
ISA08	'QWESTO' (Note: This Trading partner ID is used only for QWEST order and post-order transactions. The "O" is the unique identifier.)	Co-Provider TP ID	
ISA09	Date of the interchange. YYMMDD	Date of the interchange. YYMMDD	
ISA10	Time of the interchange. HHMM (24 Hour Clock)	Time of the interchange. HHMM (24 Hour Clock)	
ISA11	'U' (U.S. EDI Community of ASC X-12, TDCC, and UCS)	'U' (U.S. EDI Community of ASC X-12, TDCC, and UCS)	
ISA12	'00402' (Interchange Version ID)	'00402' (Interchange Version ID)	
ISA13	Sender's translator assigned sequential control number	Sender's translator assigned sequential control number	
ISA14	'0' (No acknowledgment requested)	'0' (No acknowledgment requested)	
ISA15	'P' (Production data)	'P' (Production data)	
ISA16	'0x1f' (Sub-element Separator)	'0x1f' (Sub-element Separator)	

16.4.3 GS TABLE INFORMATION

ANSI X12 GS and GE segment definitions:

- The GS segment is the Functional Group Header.
 - Purpose: To indicate the beginning of a functional group and provide control information.
- The GE segment is the Functional Group Trailer.
 - Purpose: To indicate the end of a functional group and provide control information.

The Co-Provider and Qwest agree to the following routing information:

	SENT TO Qwest	RECEIVED FROM Qwest
GS01	SEE GS TABLE BELOW	SEE GS TABLE BELOW
GS02	Co-Provider TP ID	SEE GS TABLE BELOW
GS03	SEE GS TABLE BELOW	Co-Provider TP ID
GS04	Date of the functional group. CCYYMMDD	Date of the functional group. CCYYMMDD
GS05	Time of the functional group. HHMM (24 hour clock)	Time of the functional group. HHMM (24 hour clock)
GS06	Sender's translator assigned sequential control number	Sender's translator assigned sequential control number
GS07	'X' (Accredited Standards Committee X-12)	'X' (Accredited Standards Committee X-12)
GS08	'004020' (Version)	'004020' (Version)

GS Table

The Co-Provider and Qwest agree to the following routing information:

ORDERING FUNCTION	QWEST SEND/ RECEIVE	DOCUMENT	GS01 VALUE	GS02 VALUE	GS03 VALUE
Service Request	Receive	850PBX	PO	Co-Provider TP ID	PBX90
Status Update – Auto Push	Send	855SU	PR	SU90	Co-Provider TP ID
Firm Order Confirmation	Send	855FOC	PR	FOC90	Co-Provider TP ID
Non Fatal Error Response	Send	855NF	PR	NF90	Co-Provider TP ID
Fatal Error Response	Send	855FATAL	PR	FATAL90	Co-Provider TP ID
Jeopardy	Send	865JEOP	CA	JEOP90	Co-Provider TP ID
Completion	Send	865COMP	CA	COMP90	Co-Provider TP ID

Supplemental Order

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Once an order has been initiated and received by Qwest the Co-Provider may submit an 860 Purchase Order Change Request to cancel, correct, or change the original order. In response to

receiving the 860 request from the Co-Provider, Qwest will transmit Functional Acknowledgments (997) and Purchase Order Change Acknowledgments (865).

GS Table (Supplemental)

The Co-Provider and Qwest agree to the following routing information:

ORDERING FUNCTION	Qwest SEND/ RECEIVE	DOCUMENT	GS01 VALUE	GS02 VALUE	GS03 VALUE
Supplemental	Receive	860PBX	PC	Co-Provider TP ID	PBX90
Status Update – Auto Push	Send	855SU	PR	SU90	Co-Provider TP ID
Firm Order Confirmation	Send	865FOC	CA	FOC90	Co-Provider TP ID
Non Fatal Error Response	Send	865NF	CA	NF90	Co-Provider TP ID
Fatal Error Response	Send	865FATAL	CA	FATAL90	Co-Provider TP ID
Jeopardy	Send	865JEOP	CA	JEOP90	Co-Provider TP ID
Completion	Send	865COMP	CA	COMP90	Co-Provider TP ID

16.4.4 MAPPING EXAMPLE AND DATA DICTIONARY ITEMS

Purchase Order (PO) Date

The Purchase Order (PO) Date is an ANSI ASC X12 mandatory field. The sender is expected to populate this field, Qwest however, will not map this date into the application file. For outbound transactions Qwest will populate this field with a date. This date is only used to satisfy ANSI ASC X12 standards and should not be used by the Co-Provider.

Time Code

The Developer Worksheet time code fields of every transaction, (i.e., D/T SENT) is assumed as follows:

- Transaction set(s) originating from the Co-Provider time code should be consistent with your time zone.
- Transaction set(s) originating at Qwest time code is Mountain Time.

4020 Exceptions

Transaction sets 850, 855, 860 and 865 are used with the following exception:

SLN loop maximum use has been changed to >1

Delimiters

The following delimiters will be used:

Element Separator: HEX 7C = | (vertical bar or pipe)

Sub-Element Separator: HEX 1F = (non-printable characters of "0x1f")

Segment Separator: HEX 0A = linefeed

Qwest Specific Fields

Order fields that are specific to the Qwest implementation were added to selected OBF forms and are indicated by an alpha following the field number, i.e., EU-19a (AHN). These fields are not defined in the OBF form for the corresponding LSOG issue.

Industry Standards Table:

madely etailed rubic.						
OBF FORM	OBF ISSUE	EDI SOSC ISSUE	X12 STANDARD			
End User	LSOG 5 and LSOG 3 (When Applicable)	ELMS 5	004020			
Local Service Request	LSOG 5	ELMS 5	004020			
Directory Listing	LSOG 5	ELMS 5	004020			
Resale	LSOG 5	ELMS 5	004020			
Status Updates			004020			
Firm Order Confirmation			004020			
Non Fatal Error Response			004020			
Fatal Error Response			004020			
Jeopardy			004020			
Completion			004020			

16.5 Mapping Examples

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16.5.1 850 PBX (850PBX) - Version 4020

Legend of Symbols in this transaction example

Symbol/Definition	Example
{ } = Valid Format	{CCYYMMDD}
Bold/Italics = DWS Element	PON
Superscript = Developer's Worksheet Ref #	LSR-1
DWS used in this mapping example:	
LSR = Local Service Request	
EU = End User	
RE = Resale	
DL = Directory Listing	
Italics = Literal	GOOD
<u>Underline</u> = Apply code conversion, used	<u>ACT</u>
with Bold/Italics .Code conversion tables	
can be found in the data dictionary of this	
disclosure.	
[] = Segment notes for this line	[SI Segment repeats]
() = Element notes for this line	(This element states)
n	Counter 1n
* = Element separator in this example and	= Actual element separator in an
related data dictionary.	EDI transaction.
> = Sub-element separator in this example	Non-printable characters of "0x1f" =
and related data dictionary.	Actual sub-element separator in an
	EDI transaction.

```
ST*850*TRAN SET CONTROL #
BEG*00*SS*PON-SR-2**PO Date (See Trading Partner Access Information )
REF*11*AN<sup>LSR-7</sup>*AN
REF*11*EAN<sup>EU-40</sup>*<u>EAN</u>
REF*AO*APT CONLSR-15a
REF*JB*PROJECTLSR-20
REF*SU*RTR<sup>LSR-28</sup>*RTR
REF*CO*RPONLSR-51*RPON
REF*CO*RPON
REF*1V*RORD
REF*1V*RORD
REF*12*BAN1
PAM*T5*LOCQTY
REF*12*BAN1
PAM*48*PG_of_LSR-10(1st 2 Bytes)*EA
PAM*47*PG_of_LSR-10(2nd 2 Bytes)*EA
PAM*KC*DQTY<sup>EU-5</sup>*EA
PAM*QO*RSQTYRE-5*EA
PAM*BH*DDQTY<sup>DL-23</sup>*EA
PAM*QU*HTQTY<sup>LSR-6</sup>*EA
                                                       [If this segment appears then \mathbf{EXP}^{\mathsf{LSR-26}} = \text{"Y"}]
SAC*N**TI*EXP
DTM*097*D/TSENT{CCYYMMDD}<sup>LSR-12</sup>*D/TSENT{HHMM}<sup>LSR-12</sup>
DTM*150*DDD(CCYYMMDD)<sup>LSR-14</sup>***TM/RTM*APPTIME(HHMM[-HHMM])<sup>LSR-15</sup>DTM*151*DDDO(CCYYMMDD)<sup>LSR-16</sup>
DTM*992****TM*DFDT{HHMM}
DTM*270*DATED(CCYYMMDD)<sup>LSR-36</sup>
SI*TI*RE*REQTYP
```

```
SI*TI*AA*<u>ACT</u><sup>LSR-24</sup>
SI*TI*LS*LSO<sup>LSR-43</sup>
SI*TI*TY*TOSLSR-44
SI*TI*IW*IWOEU-36
PID*S**TI*AH***SO-RSQ*CHC<sup>LSR-22</sup>
\mathsf{PID^*S^{**}TI^*CONVIND^{***}SO\text{-}RSQ^*} \textbf{\textit{CONVIND}}^{\mathsf{LSR-24a}}
PID*S**TI*AO***SO-RSQ*AGAUTH
PID*S**TI*BI***SO-RSQ*FBI<sup>EU-42</sup>
PID*S**TI*PENDING***SO-RSQ*PENDING ORDERLSR-108b
N9*H7*ORI* RESALE****2W> MANUAL IND RE-60b MTX** REMARKS RE-60a
N9*H7*ORI*LSR****2W>MANUAL IND<sup>LSR-108a</sup>
MTX**REMARKS<sup>LSR-108</sup>
N9*H7*ORI* EU****2W> MANUAL IND EU-63a
MTX**REMARKS
N1*78*CCNA<sup>LSR-1</sup>
PER*AG*INIT<sup>LSR-81</sup>*TE*TEL NO<sup>LSR-82</sup>*FX*FAX NO<sup>LSR-84</sup>*EM*EMAIL <sup>LSR-83</sup>
PER*CN*IMPCONLSR-91*TE*TEL NOLSR-92*BN*PAGER-SR-93
PER*AL* ALT IMPCON LSR-94*TE* TEL NO LSR-95*BN* PAGER LSR-96
N1*AN*AUTHNMLSR-37
N1*X1*BILLNM<sup>EU-43</sup>
N2*SBILLNMEU-44
N4**STATE<sup>EU-49</sup>*ZIP<sup>EU-50</sup>
NX2*01*SANO<sup>EU-45b</sup>
NX2*02*SASN<sup>EU-45e</sup>
NX2*03*SASDEU-45d
NX2*07*CITY<sup>EU-48</sup>
\mathsf{NX2*32*}\textit{FLOOR}^{\mathsf{EU-46}}
NX2*35*ROOM/MAIL STOP<sup>EU-47</sup>
NX2*40*SASS<sup>EU-45g</sup>
NX2*59*SAPR<sup>EU-45a</sup>
NX2*61*SASFEU-45c
NX2*62*SATH<sup>EU-45f</sup>
SI*TI*AF*AFT<sup>EU-44a</sup>
```

End User Form (Location and Access Section)

```
PO1*n*1*EA***ZZ*EU SA
                                                               [PO1 Loop may repeat]
SI*TI*OP*WSOP<sup>EU-31</sup>*TN*WSOP_TEL_NO<sup>EU-31a</sup>
PID*S**TI*ANV***SO-RSQ*ANV<sup>EU-8a</sup>
REF*IX* LOCNUM EU-7*LOCNUM
N9*L1*ACC*EU
MTX**ACC<sup>EU-30</sup>
N1*IT*NAME<sup>EU-8</sup>
N4**STATE<sup>EU-25</sup>*ZIP<sup>EU-26</sup>**RJ*CALA<sup>EU-26</sup>a
NX2*01*SANOEU-11
NX2*02*SASN<sup>EU-14</sup>
NX2*03*SASD<sup>EU-13</sup>
NX2*05*BOX<sup>EU-23c</sup>
NX2*06*ROUTEEU-23b
NX2*07*CITY<sup>EU-24</sup>
NX2*39*AHN<sup>EU-23a</sup>
NX2*40*SASSEU-16
NX2*59*SAPR<sup>EU-10</sup>
NX2*61*SASF<sup>EU-12</sup>
```

NX2*62***SATH**^{EU-15} NX2*<u>LD1</u>^{EU-17}***LV1**^{EU-18} NX2*<u>LD2</u>^{EU-19}***LV2**^{EU-20} NX2*<u>LD3</u>^{EU-21}***LV3**^{EU-22} PER*CA***LCON**^{EU-27}*TE***TEL NO**^{EU-28} SI*TI*AF***AFT**^{EU-9}

End User Form (Disconnect Information Section)

PO1*n*1*EA***ZZ*EU_DISC [PO1 Loop may repeat] SI*TI*ND*DISC NBR*EU-55 SI*TI*T6*TC OP T^{EU-57} REF*IX* DNUM*EU-54*DNUM DTM*376*TC PER*(CCYYMMDD)*EU-62 SLN*TCPRI*n*A*1*EA SI*TI*TC*TC TO PR*EU-58 N1*TT*TC NAME*EU-58b REF*55* $TCID^{EU-58a}$ *PRI SLN*TCSEC*n*A*1*EA [SLN Loop may repeat] SI*TI*TC*TC TO SEC*U-59 N1*TT*TC NAME*EU-61 REF*55* $TCID^{EU-60}$ *SEC

Resale Form (Service Details Section)

[PO1 Loop repeats RSQTYRE-5 times] PO1*n*1*EA***ZZ* RE SI*TI*SA*<u>LNA</u>RE-12 SI*TI*TN***TNS**RE-15 SI*TI*OT* OTN RE-19 SI*TI*TD**PTKCON*^{RE-24} SI*TI*CN**ECCKT*^{RE-28} SI*TI*T6***TC OPT**RE-35 SI*TI*SY***SSIG**RE-51 SI*TI*PE***PULSE**RE-52 SI*TI*TQ***TLI**^{RE-18a} SI*TI*T5***TERS**RE-18 PID*S**TI*AG***SO-RSQ***NIDR**^{RE-47} REF*IX***LNUM**^{RE-9}**LNUM* REF*GP***TSP**RE-25 REF*AE***SAN**RE-26 DTM*376***TC PER**(CCYYMMDD)^{RE-40} N1*P9**41**PIC*^{RE-30} N1*8V**41**LPIC*^{RE-31} SLN*TCPRI*n*A*1*EA SI*TI*TC***TC TO PRI**RE-38 N1*TT* TC NAME RE-38b REF*55***TCID**^{RE-38a}*PRI SLN*TCSEC*n*A*1*EA [SLN Loop may repeat] SI*TI*TC***TC TO SEC**RE-39 N1*TT* TC NAME RE-42 REF*55***TCID**^{RE-41}*SEC SLN*/W*n*A*/WJQ^{RE-49}*EA****EQ*/WJK^{RE-48} [SLN Loop may repeat per Inside Wiring pair] SLN*BL*n*A*1*EA SI*TI*BB***BA**^{RE-54}*TB***BLOCK**^{RE-55} SLN**FA**n*A*1*EA [SLN Loop may repeat per FA/FEATURE pair] SI*TI*SA*<u>FA</u>^{RE-58}*SC***FEATURE**^{RE-59} SI*TI*FD***FEATURE DETAIL**^{RE-60}

[SI Segment may repeat]

Regular Hunting

PO1*n*1*EA***ZZ* HG SI*TI*SA*<u>HA</u>LSR-112 SI*TI*SG*HID^{LSR-113} SI*TI*SF*<u>HNTYP</u>LSR-116 REF*IX* HNUM^{LSR-110}*HNUM REF*IX* LOCNUM^{LSR-109}*LOCNUM SLN*HNT*n*A*1*EA N9*55*HTSEQ MTX**HTSEQ^{LSR-118} [If this segment appears, $\underline{HNTYP}^{LSR-116} = 5$]

Multi-Line Hunting

PO1*n*1*EA***ZZ* ML SI*TI*SA*<u>HA</u>LSR-112 SI*TI*SG*HID^{LSR-113} SI*TI*SF*<u>HNTYP</u>LSR-116 SI*TI*TQ*TLFSR-115 REF*IX* HNUM^{LSR-110*}HNUM REF*IX* LOCNUM^{LSR-109*}LOCNUM SLN*MHNT*n*A*1*EA N9*55*HTSEQ MTX**HTSEQ^{LSR-118} [If this segment appears, $\underline{HNTYP}^{LSR-116} = 4$]

DL Form (Delivery Address/Information Section)

PO1*n*1*EA***ZZ*DA
SI*TI*AD*DACT^{DL-81}
QTY*31*DIRQTYA^{DL-103}*DY
QTY*38*DIRQTYNC^{DL-104}*DY
N1*DA*DELNAME
N4**STATE^{DL-99}*ZIP^{DL-100}
NX2*01*DDANO^{DL-85}
NX2*02*DDASN^{DL-88}
NX2*03*DDASD^{DL-87}
NX2*07*CITY^{DL-98}
NX2*18*DDALO^{DL-90a}
NX2*40*DDASS^{DL-90}
NX2*59*DDAPR
NX2*59*DDAPR
NX2*61*DDASF^{DL-86}
NX2*62*DDATH

[PO1 Loop repeats **DDQTY**DL-23 times]

DL Form (Service Details Section)

PO1*n*1*EA***ZZ*DL*SH*RTY^{DL-12}
SI*TI*LB**LACT*^{DL-10}
SI*TI*LE**LTY*^{DL-13}
SI*TI*TW*STYC*
SI*TI*BR*TOA*DL-16
SI*TI*DG*DOI*
SI*TI*DN*DIRNAME*

[PO1 Loop may repeat]

SI*TI*BO**BRO*^{DL-28} PID*S**TI*AR***SO-RSQ* PID*S**TI*AS***SO-RSQ**LNPL*^{DL-44} PID*S**TI*AT***SO-RSQ**ADI*^{DL-61} PID*S**TI*AW***SO-RSQ***DML**DL-25 PID*S**TI*AX***SO-RSQ***NOSL**DL-26 PID*S**TI*AY***SO-RSQ**TMKT*^{DL-27} PID*S**TI*BA***SO-RSQ**PROF*^{DL-32} REF*LI**ALP*^{DL-11} N9*82*PLA MTX****PLA**DL-55 $\begin{array}{l} \mathsf{N9*82*}\mathit{LTXTY*}\mathbf{\mathit{LTXTY}}^{\mathsf{DL-57}} \\ \mathsf{MTX^{**}} \ \ \mathit{LTEXT}^{\mathsf{DL-59}} \end{array}$ N9*H7*ORI* DL MTX****REMARKS**DL-113 N1*DH*LISTINGS IN2*01**TITLE1*^{DL-49}**TITLE1* IN2*01**TITLE1D*^{DL-52}**TITLE1D* IN2*02**LNFN*^{DL-46}**LNFN*^{DL-46}IN2*05**LNLN*^{DL-45} IN2*10**TL*^{DL-48}**TL* IN2*10**TLD*^{DL-51}**TLD* IN2*12***DESD**^{DL-50a}*DESD IN2*18***NICK**DL-54 IN2*21***DES**^{DL-47} N4***LAST*^{DL-71} NX2*01**LANO*^{DL-63} NX2*02**LASN*^{DL-66} NX2*03**LASD*^{DL-65} NX2*07**LALOC*^{DL-70} NX2*18**LALO*^{DL-69} NX2*40**LASS*^{DL-68} NX2*59***LAPR**^{DL-62} NX2*61**LASF* DL-64 NX2*62**LATH*^{DL-67} SI*TI*TN* LTN DL-39 SI*TI*NS**NSTN*^{DL-40}

Important Note: If none of the above PO1 loops is applicable a "Dummy" PO1 loop is used in the following format:

PO1*DUMMY*1*EA***ZZ*DD

CTT*Number of PO1 Segments SE*Number of Segments*TRAN SET CONTROL #

16.5.2 860 PBX Supplemental Service Request (860PBX) – Version 4020

The 860 Supp is identical to the 850 LSR except for the following: ST*860*TRAN SET CONTROL # BCH* $\underline{SUP}^{LSR-25*}$ SS* $\underline{PON}^{LSR-2**}VER^{LSR-3*}$ PO Date (See Trading Partner Access Information) POC*n*RZ******ZZ*?? Where?? = "EU_DISC" or "RE" or "EU_SA" or "HG" or "ML" or "DA" POC*n*RZ******ZZ*??*SH* \underline{RTY}^{DL-12} Where?? = "DL"

Important Note: A "Dummy" POC loop is not required for 860 transactions.

CTT*Number of POC Segments SE*Number of Segments*TRAN SET CONTROL #

16.6 Data Dictionary

16.6.1 850 PBX Service Request (850PBX)

Functional Group ID= PO

Introduction:

The 850PBX service request will be used by the Co-Provider to initiate a service request for PBX to Qwest.

This implementation guideline references the following:

- 1. ANSI ASC X12 Version 4020
- 2. LSOG 5 and Qwest assigned fields
- 3. TCIF/SOSC Guidelines, ELMS 5

Notes:

This 850 Transaction includes the mappings for Local Service Request, End User, Resale and Directory Listing.

Heading:

Updated: March 11, 2002

	Pos. <u>No.</u>	Seg. <u>ID</u>	<u>Name</u>	Req. <u>Des.</u>	Max.Use	Loop Notes and RepeatComments
М	0100	ST	Transaction Set Header	М	1	
M	0200	BEG	Beginning Segment for Purchase Order	M	1	
	0500	REF	Reference Identification	0	>1	
	0950	PAM	Period Amount	0	10	
			LOOP ID - SAC			25
	1200	SAC	Service, Promotion, Allowance, or Charge Information	0	1	
	1500	DTM	Date/Time Reference	0	10	
	1850	SI	Service Characteristic Identification	0	>1	
	1900	PID	Product/Item Description	0	200	
			LOOP ID - N9			1000
	2950	N9	Reference Identification	0	1	
	3000	MTX	Text	0	>1	
			LOOP ID - N9			1000
	2950	N9	Reference Identification	0	1	
	3000	MTX	Text	0	>1	
			LOOP ID - N9			1000
	2950	N9	Reference Identification	0	1	
	3000	MTX	Text	0	>1	
			LOOP ID - N1			200

3100	N1	Name	0	1		
3600	PER	Administrative Communications Contact	0	>1		
		LOOP ID - N1			200	
3100	N1	Name	0	1		
		LOOP ID - N1			200	
3100	N1	Name	0	1		
3200	N2	Additional Name Information	0	2		
3400	N4	Geographic Location	0	>1		
3450	NX2	Location ID Component	0	>1		
3650	SI	Service Characteristic Identification	0	>1		

Detail:

	Pos. <u>No.</u>	Seg. <u>ID</u>	<u>Name</u>	Req. <u>Des</u> .	Max.Use	Loop Not RepeatCom	
			LOOP ID - PO1			100000	
М	0100	PO1	Baseline Item Data - End User Form	М	1		n1
	0180	SI	(Location and Access Section) Service Characteristic Identification	0	>1		
			LOOP ID - PID			1000	
	0500	PID	Product/Item Description	0	1		
	1000	REF	Reference Identification	0	>1		
			LOOP ID - N9			1000	
	3300	N9	Reference Identification	0	1		
	3400	MTX	Text	0	>1		
			LOOP ID - N1			200	
	3500	N1	Name	0	1		
	3800	N4	Geographic Location	0	1		
	3850	NX2	Location ID Component	0	>1		
	4000	PER	Administrative Communications Contact	0	3		
	4050	SI	Service Characteristic Identification	0	>1		
			LOOP ID - PO1			100000	
M	0100	PO1	Baseline Item Data - End User Form (Disconnect Information Section)	М	1		n2
	0180	SI	Service Characteristic Identification	0	>1		
	1000	REF	Reference Identification	0	>1		
	2100	DTM	Date/Time Reference	0	10		
			LOOP ID - SLN			>1	
	4700	SLN	Subline Item Detail	0	1		
	4800	SI	Service Characteristic Identification	0	>1		
			LOOP ID - N1			10	
	5350	N1	Name	0	1		
	5800	REF	Reference Identification	0	12		
			LOOP ID - SLN			>1	
	4700	SLN	Subline Item Detail	0	1		
	4800	SI	Service Characteristic Identification	0	>1		

			LOOP ID - N1			10	
	5350	N1	Name	0	1		
	5800	REF	Reference Identification	0	12		
			LOOP ID - PO1			100000	
М	0100	PO1	Baseline Item Data - PBX Resale Form	М	1		n3
	0400	CI	(Service Details Section)	0	. 4		
	0180	SI	Service Characteristic Identification LOOP ID - PID	0	>1	1000	
	0500	PID	Product/Item Description	0	1	1000	
			Reference Identification	0			
	1000 2100	REF DTM	Date/Time Reference	0	>1 10		
	2100	DIIVI	LOOP ID - N1		10	200	
	3500	N1	Name	0	1	200	
	0000		-		· .	000	
	2500	NIA	LOOP ID - N1		4	200	
	3500	N1	Name	0	1		
			LOOP ID - SLN			>1	
	4700	SLN	Subline Item Detail	0	1		
	4800	SI	Service Characteristic Identification	0	>1		
			LOOP ID - N1			10	
	5350	N1	Name	0	1		
	5800	REF	Reference Identification	0	12		
			LOOP ID - SLN			>1	
	4700	SLN	Subline Item Detail	0	1		
	4800	SI	Service Characteristic Identification	0	>1	10	
	5050	N 14	LOOP ID - N1			10	
	5350 5800	N1 REF	Name Reference Identification	0	1 12		
	3600	NEF			12		
			LOOP ID - SLN			>1	
	4700	SLN	Subline Item Detail	0	1		
			LOOP ID - SLN			>1	
	4700	SLN	Subline Item Detail	0	1		
	4800	SI	Service Characteristic Identification	0	>1		
			LOOP ID - SLN			>1	
	4700	SLN	Subline Item Detail	0	1		
	4800	SI	Service Characteristic Identification	0	>1		
			LOOP ID - PO1			100000	
M	0100	PO1	Baseline Item Data - Regular Hunting	М	1		n4
	0180	SI	Service Characteristic Identification	0	>1		
	1000	REF	Reference Identification	0	>1		
			LOOP ID - SLN			>1	
	4700	SLN	Subline Item Detail	0	1		
			LOOP ID - N9			>1	
	5230	N9	Reference Identification	0	1		
	5250	MTX	Text	0	>1		

			LOOP ID - PO1			100000	
М	0100	PO1	Baseline Item Data - Multi-Line Hunting	М	1		n5
	0180	SI	Service Characteristic Identification	0	>1		
	1000	REF	Reference Identification	0	>1		
			LOOP ID - SLN			>1	
	4700	SLN	Subline Item Detail	0	1		
			LOOP ID - N9			>1	
	5230	N9	Reference Identification	0	1		
	5250	MTX	Text	0	>1		
			LOOP ID - PO1			100000	
M	0100	PO1	Baseline Item Data - DL Form (Delivery	M	1	100000	n6
IVI			Address/Information Section)				no
	0180	SI	Service Characteristic Identification	0	>1		
			LOOP ID - QTY			>1	
	2930	QTY	Quantity	0	1		
			LOOP ID - QTY			>1	
	2930	QTY	Quantity	0	1		
			LOOP ID - N1			200	
	3500	N1	Name	0	1		
	3800	N4	Geographic Location	0	1		
	3850	NX2	Location ID Component	0	>1		
			LOOP ID - PO1			100000	
M	0100	PO1	Baseline Item Data - DL Form (Service	M	1		n7
	0180	SI	Details Section) Service Characteristic Identification	0	>1		
			LOOP ID - PID			1000	
	0500	PID	Product/Item Description	0	1		
	1000	REF	Reference Identification	0	>1		
			LOOP ID - N9			1000	
	3300	N9	Reference Identification	0	1		
	3400	MTX	Text	0	>1		
			LOOP ID - N9			1000	
	3300	N9	Reference Identification	0	1	1000	
	3400	MTX	Text	0	- >1		
			LOOP ID - N9			1000	
	3300	N9	Reference Identification	0	1	1000	
	3400	MTX	Text	0	>1 >1		
	0400	WIIX					
	2500	NIA	LOOP ID - N1	0		200	
	3500	N1	Name	0	1		
	3650	IN2	Individual Name Structure Components	0	>1		
	3800 3850	N4 NX2	Geographic Location	0	1 >1		
	4050	SI	Location ID Component Service Characteristic Identification	0	>1 >1		
	4000	JI			<i>></i> 1		
	0400	DC4	LOOP ID - PO1			100000	0
M	0100	PO1	Baseline Item Data - Dummy (DD)	M	1		n8

Summary:

	Pos. <u>No.</u>	Seg. <u>ID</u>			Loop Notes and RepeatComments		
			LOOP ID - CTT			1	
	0100	CTT	Transaction Totals	0	1	n9	
M	0300	SE	Transaction Set Trailer	М	1		

Transaction Set Notes

- **1.** PO102 is required.
- **2.** PO102 is required.
- **3.** PO102 is required.
- **4.** PO102 is required.
- **5.** PO102 is required.
- **6.** PO102 is required.
- **7.** PO102 is required.
- **8.** PO102 is required.
- 9. The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

Segment: **ST** Transaction Set Header

Position: 0100

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).
- 2 The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition.

Comments:

Notes: ST*850*TRAN SET CONTROL #

Data Element Summary

	Ref. Des.	Data <u>Element</u>				
М	Attributes ST01	143	Transactio	on Set Identifier Code	М	ID 3/3
	0101	143		uely identifying a Transaction Set	141	10 3/3
			850	Purchase Order		
M	ST02	329	Transaction	on Set Control Number	M	AN 4/9
			Identifying	control number that must be unique within the	e trans	action

Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set Segment: **BEG** Beginning Segment for Purchase Order

Position: 0200

Loop:

Level: Heading Usage: Mandatory

Max Use: 1

Purpose: To indicate the beginning of the Purchase Order Transaction Set and

transmit identifying numbers and dates

Syntax Notes:

Semantic Notes:

1 BEG05 is the date assigned by the purchaser to purchase order.

Comments:

Notes: BEG*00*SS*PON (LSR-2)**PO Date (See Trading Partner Access Information)

Data Element Summary

			Data Eromont Gammary		
	Ref.	Data	Marine.		
	Des.	<u>Element</u>	<u>Name</u>		
	<u>Attributes</u>				
М	BEG01	353	Transaction Set Purpose Code	M	ID 2/2
			Code identifying purpose of transaction set		
			00 Original		
M	BEG02	92	Purchase Order Type Code	M	ID 2/2
			Code specifying the type of Purchase Order		
			SS Supply or Service Order		
M	BEG03	324	Purchase Order Number	M	AN 1/22
			Identifying number for Purchase Order assigned by the orderer/purchaser		
			PON (LSR-2) = Purchase Order Number		
M	BEG05	373	Date	M	DT 8/8
			Date expressed as CCYYMMDD		
			PO Date = Purchase Order Date (See Trading Partner All Information)	ccess	

Segment: REF Reference Identification

Position: 0500

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.

If either C04003 or C04004 is present, then the other is required.
If either C04005 or C04006 is present, then the other is required.

Semantic Notes: Comments: REF04 contains data relating to the value cited in REF02.

Notes: REF*11*AN (LSR-7)*AN

REF*11*EAN (EU-40)*EAN REF*AO*APT CON (LSR-15a) REF*JB*PROJECT (LSR-20) REF*SU*RTR (LSR-28)*RTR REF*CO*RPON (LSR-51)*RPON REF*1V*RORD (LSR-52)*RORD REF*12*BAN1 (LSR-61)*BAN1

Data Element Summary

	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>			
М	Attributes REF01	128	Reference Identi	fication Qualifier	М	ID 2/3
			Code qualifying the	e Reference Identification		
			11	Account Number		
			12	Number identifies a telecommunicat account Billing Account	ions ind	dustry
			- <u>-</u>	Account number under which billing	is rend	ered
			1V	Related Vendor Order Number		
			AO	A vendor's order number that is in ac primary order number Appointment Number	ddition t	o a
			CO	Customer Order Number		
			JB	Job (Project) Number		
			SU	Special Processing Code		
				Unique code identifying the special has requirements for the claim	nandling)
	REF02	127	Reference Identif	fication	X	AN 1/30

Reference information as defined for a particular Transaction Set or as

specified by the Reference Identification Qualifier

AN (LSR-7) = Account Number

EAN (EU-40) = Existing Account Number

APT CON (LSR-15a) = Appointment Confirmation PROJECT (LSR-20) = Project Identification RTR (LSR-28) = Response Type Requested

RPON (LSR-51) = Related Purchase Order Number

RORD (LSR-52) = Related Order Number BAN1 (LSR-61) = Billing Account Number 1 content
"AN"
"EAN"
"RTR"
"RPON"
"RORD"
"BAN1"

Segment: PAM Period Amount

Position: 0950

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.

If PAM07 is present, then PAM06 is required.
If PAM08 is present, then PAM07 is required.
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:

Updated: March 11, 2002

Notes: PAM*T5*LOCQTY (LSR-5)*EA

PAM*48*PG_of_ (LSR-10)(1st 2 Bytes)*EA PAM*47*PG_of_ (LSR-10)(2nd 2 Bytes)*EA

PAM*KC*DQTY (EU-5)*EA PAM*QO*RSQTY (RE-5)*EA PAM*BH*DDQTY (DL-23)*EA PAM*QU*HTQTY (LSR-6)*EA

Data Element Summary

Ret.	Data			
Des.	<u>Element</u>	<u>Name</u>		
Attributes			W 15-24-	
PAM01	673	Quantity Q	ualifier X ID 2/2	
		Code specif	ring the type of quantity	
		47	Primary Net Quantity	
		48	Secondary Net Quantity	
		ВН	Book Order Quantity	
		KC	Net Quantity Decrease	
			The resultant quantity represents a net decrease to a previously transmitted quantity, after adjustments have been made	
		QO	Operating Quantity	
		QU	Quantity Serviced	
		T5	Total Number of Units	
PAM02	380	Quantity	X R 1/15	,

Numeric value of quantity

LOCQTY (LSR-5) = Location Quantity First 2 bytes of PG_of_ (LSR-10)

			Second 2 bytes of PG_of_ (LSR-10)		
			DQTY (EU-5) = Disconnect Quantity		
			RSQTY (RE-5) = Resale Quantity		
			DDQTY (DL-23) = Number of Delivery Segments		
			HTQTY (LSR-6) = Hunt Group Quantity		
	PAM03	C001	Composite Unit of Measure	Х	
			To identify a composite unit of measure (See Figure examples of use)	ures Appendi	x for
M	C00101	355	Unit or Basis for Measurement Code	M	ID 2/2
			Code specifying the units in which a value is being manner in which a measurement has been taken	g expressed,	or

EA Each

SAC Service, Promotion, Allowance, or Charge Information Segment:

Position: 1200

> Loop: SAC Optional

Level: Heading Optional Usage:

Max Use:

Purpose: To request or identify a service, promotion, allowance, or charge; to

specify the amount or percentage for the service, promotion, allowance,

or charge

At least one of SAC02 or SAC03 is required. **Syntax Notes:**

> 2 If either SAC03 or SAC04 is present, then the other is required.

> If either SAC06 or SAC07 is present, then the other is required. 3 4 If either SAC09 or SAC10 is present, then the other is required.

If SAC11 is present, then SAC10 is required.

If SAC13 is present, then at least one of SAC02 or SAC04 is required.

7 If SAC14 is present, then SAC13 is required. If SAC16 is present, then SAC15 is required.

Semantic Notes: If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or

SAC08 is required.

SAC05 is the total amount for the service, promotion, allowance, or charge.

If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.

SAC08 is the allowance or charge rate per unit.

SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity.

SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.

5 SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.

6 SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.

7 SAC16 is used to identify the language being used in SAC15.

Comments:

SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction with SAC03 to further define SAC02.

In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance. charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to as "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" -Dollars in SAC09.

SAC*N**TI*EXP [If this segment appears then EXP (LSR-26) = "Y"] Notes:

SAC*N**TI*VT********VTA (LSR-80)

Data Element Summary

Ref. Data

Des. **Element Name**

Attributes

Updated: March 11, 2002

М SAC01 248 Allowance or Charge Indicator ID 1/1

Code which indicates an allowance or charge for the service specified

		N	No Allowance or Charge		
SAC03	559	Agency Qualifie	er Code	X	ID 2/2
		Code identifying t	the agency assigning the code values		
		П	Telecommunications Industry		
SAC04	1301	Agency Service Code	e, Promotion, Allowance, or Charge	X	AN 1/10
		Agency maintaine or charge	ed code identifying the service, promotion	on, all	owance,
		EXP	Expedited Service Charge		
		VT	Variable Term Contract Pricing Plan		
SAC15	352	Description		X	AN 1/80
		A free-form descr content	ription to clarify the related data element	ts and	l their
		VTA (LSR-80) =	Variable Term Agreement		

Updated: March 11, 2002

Segment: DTM Date/Time Reference

Position: 1500

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.

If DTM04 is present, then DTM03 is required.

3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes: Comments:

Notes:

DTM*097*D/TSENT{CCYYMMDD}(LSR-12)*D/TSENT{HHMM}(LSR-12)

DTM*150*DDD{CCYYMMDD}(LSR-14)***TM/RTM*APPTIME

{HHMM[-HHMM]}(LSR-15)

DTM*151*DDDO{CCYYMMDD}(LSR-16) DTM*992****TM*DFDT{HHMM}(LSR-19) DTM*270*DATED{CCYYMMDD}(LSR-36)

Data Element Summary

	Ref.	Data	2414 2101110111	· · · · · · · · · · · · · · · · · · ·			
	Des.	<u>Element</u>	<u>Name</u>				
М	Attributes DTM01	374	Date/Time Quali	fier	М	ID 3/3	
141	Dimoi	3/4				10 3/3	
			Code specifying type of date or time, or both date and time				
			097	Transaction Creation			
			150	Service Period Start			
			151	Service Period End			
			270	Date Filed			
			992	Date Requested			
	DTM02	373	Date		X	DT 8/8	
			Date expressed as CCYYMMDD D/TSENT (LSR-12) = Date Sent DDD (LSR-14) = Desired Due Date DDDO (LSR-16) = Desired Due Date Out DATED (LSR-36) = Date of Agency Authorization				
	DTM03	337	Time	,	Χ	TM 4/8	
			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) D/TSENT{HHMM}(LSR-12) = Time Sent				
	DTM05	1250	Date Time Perio	d Format Qualifier	X	ID 2/3	

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

Range of Time Expressed in Format HHMM-HHMM

Code indicating the date format, time format, or date and time format

within an hour; the first occurrence of HHMM is the

RTM

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** AN 1/35

Expression of a date, a time, or range of dates, times or dates and times

APPTIME{HHMM[-HHMM]}(LSR-15) = Appointment Time DFDT{HHMM}(LSR-19) = Desired Frame Due Time

SI Service Characteristic Identification Segment: 1850 Position: Loop: Level: Heading Usage: Optional Max Use: >1 Purpose: To specify service characteristic data **Syntax Notes:** If either SI04 or SI05 is present, then the other is required. 1 If either SI06 or SI07 is present, then the other is required. If either SI08 or SI09 is present, then the other is required. If either SI10 or SI11 is present, then the other is required. If either SI12 or SI13 is present, then the other is required. If either SI14 or SI15 is present, then the other is required. If either SI16 or SI17 is present, then the other is required. If either SI18 or SI19 is present, then the other is required. If either SI20 or SI21 is present, then the other is required. **Semantic Notes:** Comments: SI01 defines the source for each of the service characteristics qualifiers. Notes: SI*TI*RE*REQTYP (LSR-23) SI*TI*AA*ACT (LSR-24) SI*TI*LS*LSO (LSR-43) SI*TI*TY*TOS (LSR-44)

Data Element Summary

SI*TI*IW*IWO (EU-36)

			Data Ele	ement Summary		
	Ref. <u>Des.</u>	Data <u>Element</u>	<u>Name</u>			
	<u>Attributes</u>					
M	SI01	559	Agency Qualifier Code			ID 2/2
			Code identi			
			TI	Telecommunications Industry		
M	SI02	1000	Service Ch	naracteristics Qualifier	M	AN 2/2
			Code from characteris	rvice		
			AA	Account Activity		
			IW	Inside Wire Options		
			LS	Local Serving Office		
			RE	Requisition Type		
			TY	Type of Service		
M	SI03	234	Product/Service ID		M	AN 1/48
			Identifying r	number for a product or service		
			A=(DWS	24) = Activity : N-New Installation)		

D=(DWS : D-Disconnect of Entire Account)

C=(DWS : C-Change)

V=(DWS: V-Conversion As Specified)

SD=(DWS: L-Seasonal Suspend (not valid in WA or OR))

RS=(DWS : B-Restore)
T=(DWS : T-Outside Move(T/F))

W=(DWS : W-Conversion As Is)

Z=(DWS : Z-Conversion As Spec/No Listing)

DN=(DWS: Y-Deny)

REQTYP (LSR-23) = Requisition Type and Status LSO (LSR-43) = Local Service Office TOS (LSR-44) = Type of Service IWO (EU-36) = Inside Wire Options Segment: PID Product/Item Description

Position: 1900

Comments:

Updated: March 11, 2002

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.

At least one of PID04 or PID05 is required.
If PID07 is present, then PID03 is required.
If PID08 is present, then PID04 is required.

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.

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 $\dot{}$

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.

Notes: PID*S**TI*AH***SO-RSQ*CHC (LSR-22)

PID*S**TI*CONVIND***SO-RSQ*CONVIND (LSR-24a)

PID*S**TI*AO***SO-RSQ*AGAUTH (LSR-35)

PID*S**TI*BI***SO-RSQ*FBI (EU-42)

PID*S**TI*PENDING***SO-RSQ*PENDING ORDER (LSR-108b)

Data Element Summary

	Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	Name	ouninary .		
M	PID01	349	Item Description	Туре	M	ID 1/1
			Code indicating th	e format of a description		
			S	Structured (From Industry Code List)		
	PID03	559	Agency Qualifier	Code	X	ID 2/2
			Code identifying th	ne agency assigning the code values		
			Π	Telecommunications Industry		
	PID04	751	Product Descript	ion Code	X	AN 1/12
			A code from an inc product characteri AH	dustry code list which provides specific stic Coordinated Hot Cut	data	about a
			AO	Agency Authorization Status		
			BI	Final Bill Information Indicator		
			CONVIND	Conversion Indicator		

Pending Order

PENDING

PID07 822 Source Subqualifier O AN 1/15

A reference that indicates the table or text maintained by the Source

Qualifier

SO-RSQ Service Order - Reseller Questions list

PID08 1073 Yes/No Condition or Response Code O ID 1/1

Code indicating a Yes or No condition or response

CONVIND (LSR-24a) = Conversion Indicator

Y=(DWS : F-Full) N=(DWS : P-Partial)

FBI (EU-42) = Final Bill Information Indicator

N=(DWS : E-Existing(Default))

Y=(DWS : D-Different)

CHC (LSR-22) = Coordinated Hot Cut

AGAUTH (LSR-35) = Agency Authorization Status PENDING ORDER (LSR-108b) = Pending Order

Segment: N9 Reference Identification

Position: 2950

Loop: N9 Optional

Level: Heading Usage: Optional

Max Use:

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:

Notes: N9*H7*ORI*RESALE****2W>MANUAL IND (RE-60b)

			Data Element Gummary		
	Ref.	Data			
	Des.	Element	<u>Name</u>		
	<u>Attributes</u>				
M	N901	128	Reference Identification Qualifier	M	ID 2/3
			Code qualifying the Reference Identification		
			H7 Standard Clause		
	N902	127	Reference Identification	X	AN 1/30
			Reference information as defined for a particular Transact specified by the Reference Identification Qualifier ORI Order Instructions	ion Se	et or as
	N903	369	Free-form Description	X	AN 1/45
			Free-form descriptive text		
			"RESALE"		
	N907	C040	Reference Identifier	0	
			To identify one or more reference numbers or identificatio specified by the Reference Qualifier	n num	bers as
M	C04001	128	Reference Identification Qualifier	M	ID 2/3
			Code qualifying the Reference Identification		
			2W Change Order Authority		
M	C04002	127	Reference Identification	M	AN 1/30
			Reference information as defined for a particular Transact specified by the Reference Identification Qualifier	ion Se	et or as
			MANUAL IND (RE-60b) = Manual Indicator		

Segment: MTX Text

Position: 3000

Loop: N9 Optional

Level: Heading Usage: Optional Max Use: >1

Purpose: To specify textual data

Syntax Notes: 1 If MTX01 is present, then MTX02 is required.

2 If MTX03 is present, then MTX02 is required.3 If MTX05 is present, then MTX04 is required.

Semantic Notes: 1 MTX05 is the number of lines to advance before printing.

Comments: 1 If MTX04 is "AA - Advance the specific number of lines before print",

then MTX05 is required.

Notes: MTX**REMARKS (RE-60a)

Data Element Summary

Ref. Data

Des. Element Name

Attributes

MTX02 1551 Message Text X AN 1/4096

To transmit large volumes of message text

REMARKS (RE-60a) = Remarks

Segment: N9 Reference Identification

Position: 2950

Loop: N9 Optional

Level: Heading Usage: Optional

Max Use:

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:

Notes: N9*H7*ORI*LSR****2W>MANUAL IND (LSR-108a)

	Ref.	Data	·		
	Des.	Element	<u>Name</u>		
	<u>Attributes</u>				
М	N901	128	Reference Identification Qualifier	M	ID 2/3
			Code qualifying the Reference Identification		
			H7 Standard Clause		
	N902	127	Reference Identification	X	AN 1/30
			Reference information as defined for a particular Transact specified by the Reference Identification Qualifier ORI Order Instructions	ion Se	et or as
	N903	369	Free-form Description	X	AN 1/45
		F	Free-form descriptive text		
			"LSR"		
	N907	C040	Reference Identifier	0	
			To identify one or more reference numbers or identification specified by the Reference Qualifier		
М	C04001	128	Reference Identification Qualifier	M	ID 2/3
			Code qualifying the Reference Identification		
			2W Change Order Authority		
M	C04002	127	Reference Identification	M	AN 1/30
			Reference information as defined for a particular Transact specified by the Reference Identification Qualifier	ion Se	et or as
			MANUAL IND (LSR-108a) = Manual Indicator		

MTX Text Segment:

Position: 3000

> N9 Loop: Optional

Level: Heading Usage: Optional Max Use: >1

Purpose: To specify textual data

Syntax Notes: 1 If MTX01 is present, then MTX02 is required.

If MTX03 is present, then MTX02 is required. If MTX05 is present, then MTX04 is required.

Semantic Notes: MTX05 is the number of lines to advance before printing. 1

Comments: If MTX04 is "AA - Advance the specific number of lines before print",

then MTX05 is required.

MTX**REMARKS (LSR-108) Notes:

Data Element Summary

Ref. Data

Element Name Des.

Attributes

MTX02 1551 Χ AN 1/4096 **Message Text**

To transmit large volumes of message text

REMARKS (LSR-108) = Remarks

Segment: N9 Reference Identification

Position: 2950

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:

Notes: N9*H7*ORI*EU****2W>MANUAL IND (EU-63a)

	Ref.	Data	Data Element Gammary		
	Des. Attributes	Element	Name		
M	N901	128	Reference Identification Qualifier	M	ID 2/3
			Code qualifying the Reference Identification		
			H7 Standard Clause		
	N902	127	Reference Identification	X	AN 1/30
			Reference information as defined for a particular Transact specified by the Reference Identification Qualifier ORI Order Instructions	ion Se	et or as
	N903	369	Free-form Description	X	AN 1/45
			Free-form descriptive text		
			"EU"		
	N907	C040	Reference Identifier	0	
			To identify one or more reference numbers or identification specified by the Reference Qualifier	n num	bers as
M	C04001	128	Reference Identification Qualifier	M	ID 2/3
			Code qualifying the Reference Identification		
			2W Change Order Authority		
M	C04002	127	Reference Identification	M	AN 1/30
			Reference information as defined for a particular Transact specified by the Reference Identification Qualifier	ion Se	et or as
			MANUAL IND (EU-63a) = Manual Indicator		

Segment: MTX Text

Position: 3000

Loop: N9 Optional

Level: Heading Usage: Optional Max Use: >1

Purpose: To specify textual data

Syntax Notes: 1 If MTX01 is present, then MTX02 is required.

If MTX03 is present, then MTX02 is required.If MTX05 is present, then MTX04 is required.

Semantic Notes: 1 MTX05 is the number of lines to advance before printing.

Comments: 1 If MTX04 is "AA - Advance the specific number of lines before print",

then MTX05 is required.

Notes: MTX**REMARKS (EU-63)

Data Element Summary

Ref. Data

Des. Element Name

Attributes

MTX02 1551 Message Text X AN 1/4096

To transmit large volumes of message text

REMARKS (EU-63) = Remarks

Segment:

Position: 3100

> N1 Optional Loop:

Heading Level: Usage: Optional

Max Use:

Purpose: To identify a party by type of organization, name, and code

Syntax Notes: At least one of N102 or N103 is required.

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.

N1*78*CCNA (LSR-1) Notes:

Data Element Summary

Ref. <u>Des.</u> Attributes	Data Element	<u>Name</u>	·		
N101	98	Entity Identifier	Code	M	ID 2/3
		Code identifying a or an individual	n organizational entity, a physical lo	cation,	property
		78	Service Requester		
N102	93	Name		X	AN 1/60
	<u>Des.</u> <u>Attributes</u> N101	Des. Element Attributes N101 98	Des. Element Name Attributes N101 98 Entity Identifier (Code identifying a or an individual 78	Des. Element Name Attributes N101 98 Entity Identifier Code Code identifying an organizational entity, a physical loc or an individual 78 Service Requester N102 93 Name	Des. Attributes N101 98 Entity Identifier Code Code identifying an organizational entity, a physical location, or an individual 78 Service Requester N102 93 Name X

Free-form name

CCNA (LSR-1) = Customer Carrier Name Abbreviation

Segment: PER Administrative Communications Contact

Position: 3600

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.

If either PER05 or PER06 is present, then the other is required.
If either PER07 or PER08 is present, then the other is required.

Semantic Notes: Comments:

Notes:

PER*AG*INIT (LSR-81)*TE*TEL NO (LSR-82)*FX*FAX NO (LSR-84)*EM*EMAIL

(LSR-83)

PER*CN*IMPCON (LSR-91)*TE*TEL NO (LSR-92)*BN*PAGER (LSR-93) PER*AL*ALT IMPCON (LSR-94)*TE*TEL NO (LSR-95)*BN*PAGER (LSR-96)

Data Element Summary

Ref. Data **Element Name** Des. **Attributes** М ID 2/2 PER01 366 **Contact Function Code** Code identifying the major duty or responsibility of the person or group named AG Agent Alternate Contact ALPerson to be contacted when the main contact is not

available

avaliable

CN General Contact

PER02 93 Name O AN 1/60

Free-form name

INIT (LSR-81) = Initiator Identification

IMPCON (LSR-91) = Implementation Contact

ALT IMPCON (LSR-94) = Alternate Implementation Contact

PER03 365 Communication Number Qualifier X ID 2/2

Code identifying the type of communication number

TE Telephone

PER04 364 Communication Number X AN 1/256

Complete communications number including country or area code when

applicable

TEL NO (LSR-82) = Telephone Number TEL NO (LSR-92) = Telephone Number TEL NO (LSR-95) = Telephone Number

PER05 365 Communication Number Qualifier X ID 2/2

Code identifying the type of communication number

BN Beeper Number FX Facsimile

PER06 364 Communication Number X AN 1/256

Complete communications number including country or area code when

applicable

		FAX NO (LSR-84) = Facsimile Number PAGER (LSR-93) = Pager Number PAGER (LSR-96) = Pager Number		
PER07	365	Communication Number Qualifier	Х	ID 2/2
		Code identifying the type of communication number		
		EM Electronic Mail		
PER08	364	Communication Number	X	AN 1/256
		Complete communications number including country o applicable	r area c	ode when
		EMAIL (LSR-83) = Electronic Mail Address		

Segment: N1 Name

Position: 3100

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.

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.

Notes: N1*AN*AUTHNM (LSR-37)

Data Element Summary

Ref. Data Des. **Element Name Attributes** М ID 2/3 N101 98 **Entity Identifier Code** Code identifying an organizational entity, a physical location, property or an individual ΑN Authorized From A geographic location designated as an authorized pick-up or origin point for a shipment N102 93 Name Χ AN 1/60

Free-form name

AUTHNM (LSR-37) = Authorization Name

Segment: N1 Name

Position: 3100

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.

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.

Notes: N1*X1*BILLNM (EU-43)

Data Element Summary

Ref. Data Des. **Element Name Attributes** М ID 2/3 N101 98 **Entity Identifier Code** Code identifying an organizational entity, a physical location, property or an individual X1 Mail to An address to which a specified item is to be mailed N102 93 Name Χ AN 1/60

Free-form name

BILLNM (EU-43) = Bill Name

Segment: N2 Additional Name Information

Position: 3200

Loop: N1 Optional

Level: Heading Usage: Optional

Max Use: 2

Purpose: To specify additional names

Syntax Notes: Semantic Notes:

Comments:

Notes: N2*SBILLNM (EU-44)

Data Element Summary

Ref. Data

Des. Element Name

Attributes

M N201 93 Name M AN 1/60

Free-form name

SBILLNM (EU-44) = Secondary Bill Name

Segment: N4 Geographic Location

Position: 3400

Loop: N1 Optional

Level: Heading
Usage: Optional
Max Use: >1

Purpose: To specify the geographic place of the named party

116

Syntax Notes: 1 Only one of N402 or N407 may be present.

2 If N406 is present, then N405 is required.3 If N407 is present, then N404 is required.

Semantic Notes:

N403

Comments: 1 A combination of either N401 through N404, or N405 and N406 may

be adequate to specify a location.

2 N402 is required only if city name (N401) is in the U.S. or Canada.

Notes: N4**STATE (EU-49)*ZIP (EU-50)

Data Element Summary

Ref. Data
Des. Element Name

Attributes
N402 156 State or Province Code X ID 2/2
Code (Standard State/Province) as defined by appropriate government agency
STATE (EU-49) = State/Province

Code defining international postal zone code excluding punctuation and

blanks (zip code for United States)

ZIP (EU-50) = ZIP/Postal Code

Postal Code

ID 3/15

0

Segment: NX2 Location ID Component

Position: 3450

Loop: N1 Optional

Level: Heading Usage: Optional Max Use: >1

Purpose: To define types and values of a geographic location

Syntax Notes: Semantic Notes: Comments:

nments:

Ref.

Notes: NX2*01*SANO (EU-45b)

Data

NX2*02*SASN (EU-45e) NX2*03*SASD (EU-45d) NX2*07*CITY (EU-48) NX2*32*FLOOR (EU-46)

NX2*35*ROOM/MAIL STOP (EU-47)

NX2*40*SASS (EU-45g) NX2*59*SAPR (EU-45a) NX2*61*SASF (EU-45c) NX2*62*SATH (EU-45f)

Data Element Summary

	<u>Des.</u> Attributes	Element	<u>Name</u>			
М	NX201	1106	Address Compo	nent Qualifier	M	ID 2/2
			Code qualifying th	e type of address component		
			01	Street Number		
			02	Street Name		
			03	Prefix Direction		
			07	City Name		
			32	Floor		
				A particular floor or level of a building		
			35	Room		
				A walled room or partitioned area of a	a build	ling
			40	Street Suffix		
			59	Street Number Low		
			61	Street Number Fraction		
			62	Street Name Suffix		
M	NX202	166	Address Informa	tion	M	AN 1/55

Address information

SANO (EU-45b) = Service Address Number SASN (EU-45e) = Service Address Street Name

SASD (EU-45d) = Service Address Street Directional Prefix

CITY (EU-48) = City FLOOR (EU-46) = Floor

ROOM/MAIL STOP (EU-47) = Room/Mail Stop

SASS (EU-45g) = Service Address Street Directional Suffix

SAPR (EU-45a) = Service Address Number Prefix SASF (EU-45c) = Service Address Number Suffix SATH (EU-45f) = Service Address Street Type Segment: SI Service Characteristic Identification

Position: 3650

Loop: N1 Optional

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.

If either SI06 or SI07 is present, then the other is required.
If either SI08 or SI09 is present, then the other is required.
If either SI10 or SI11 is present, then the other is required.
If either SI12 or SI13 is present, then the other is required.
If either SI14 or SI15 is present, then the other is required.
If either SI16 or SI17 is present, then the other is required.
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 Sl01 defines the source for each of the service characteristics

qualifiers.

Notes: SI*TI*AF*AFT (EU-44a)

	Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	<u>Name</u>		
M	SI01	559	Agency Qualifier Code	M	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
M	SI02	1000	Service Characteristics Qualifier	M	AN 2/2
			Code from an industry code list qualifying the type of ser- characteristics	vice	
			AF Address Format Type		
M	SI03	234	Product/Service ID	M	AN 1/48
			Identifying number for a product or service		
			AFT (EU-44a) = Address Format Type		

Segment: PO1 Baseline Item Data - End User Form (Location and Access

Section)

Position: 0100

Loop: PO1 Mandatory

Level: Detail Usage: Mandatory

Max Use: 1

Purpose: To specify basic and most frequently used line item data

Syntax Notes: 1 If PO103 is present, then PO102 is required.

2 If PO105 is present, then PO104 is required.

If either PO106 or PO107 is present, then the other is required.
If either PO108 or PO109 is present, then the other is required.
If either PO110 or PO111 is present, then the other is required.
If either PO112 or PO113 is present, then the other is required.
If either PO114 or PO115 is present, then the other is required.
If either PO116 or PO117 is present, then the other is required.
If either PO118 or PO119 is present, then the other is required.
If either PO120 or PO121 is present, then the other is required.

11 If either PO122 or PO123 is present, then the other is required.

12 If either PO124 or PO125 is present, then the other is required.

Semantic Notes:

Updated: March 11, 2002

Comments: 1 See the Data Element Dictionary for a complete list of IDs.

2 PO101 is the line item identification.

3 PO106 through PO125 provide for ten different product/service IDs per each item. For example: Case, Color, Drawing No., U.P.C. No.,

ISBN No., Model No., or SKU.

Notes: PO1*n*1*EA***ZZ*EU_SA [PO1 Loop may repeat]

Ref. Des.	Data Element	Name		
Attributes PO101	350		0	AN 1/20
		Alphanumeric characters assigned for differentiation within transaction set	а	
		"n" = nth assigned ID within PO1 loop	.,	
PO102	330	dumini, or not on	X	R 1/15
		Quantity ordered		
		1 Always One		
PO103	355	Unit or Basis for Measurement Code	0	ID 2/2
		Code specifying the units in which a value is being express manner in which a measurement has been taken EA Each	sed, o	or
PO106	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number Product/Service ID (234) ZZ Mutually Defined	used	in
PO107	234	Product/Service ID	Χ	AN 1/48
		Identifying number for a product or service		
		"EU_SA"		

Segment: SI Service Characteristic Identification

Position: 0180

Loop: PO1 Mandatory

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.

If either SI06 or SI07 is present, then the other is required.
If either SI08 or SI09 is present, then the other is required.
If either SI10 or SI11 is present, then the other is required.
If either SI12 or SI13 is present, then the other is required.
If either SI14 or SI15 is present, then the other is required.
If either SI16 or SI17 is present, then the other is required.

If either SI18 or SI19 is present, then the other is required.If either SI20 or SI21 is present, then the other is required.

Semantic Notes:

Comments: 1 Sl01 defines the source for each of the service characteristics

qualifiers.

Notes: SI*TI*OP*WSOP (EU-31)*TN*WSOP TEL NO (EU-31a)

	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>		
M	SI01	559	Agency Qualifier Code	M	ID 2/2
			Code identifying the agency assigning the code values TI Telecommunications Industry		
M	SI02	1000	Service Characteristics Qualifier	M	AN 2/2
			Code from an industry code list qualifying the type of service on Premises OP Working Service on Premises	rice	
M	SI03	234	Product/Service ID	M	AN 1/48
		Identifying number for a product or service WSOP (EU-31) = Working Service on Premises			
	SI04	1000	Service Characteristics Qualifier	Χ	AN 2/2
			Code from an industry code list qualifying the type of service characteristics TN Telephone Number	rice	
	SI05	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
			WSOP TEL NO (EU-31a) = Working Service on Premises Number	s Tele	phone

Segment: PID Product/Item Description

Position: 0500

Loop: PID Optional

Level: Detail Usage: Optional

Max Use:

Updated: March 11, 2002

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

Syntax Notes: 1 If PID04 is present, then PID03 is required.

At least one of PID04 or PID05 is required.
If PID07 is present, then PID03 is required.
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.

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.

Notes: PID*S**TI*ANV***SO-RSQ*ANV (EU-8a)

			Data Liement Summary		
	Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	<u>Name</u>		
M	PID01	349	Item Description Type	M	ID 1/1
			Code indicating the format of a description		
			S Structured (From Industry Code List)		
	PID03	559	Agency Qualifier Code	Χ	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
	PID04	751	Product Description Code	X	AN 1/12
			A code from an industry code list which provides specific product characteristic ANV Address Not Validated Indicator	data a	about a
	PID07	822	Source Subqualifier	0	AN 1/15
			A reference that indicates the table or text maintained by Qualifier	the So	ource
			SO-RSQ Service Order - Reseller Questions lis	t	
	PID08	1073	Yes/No Condition or Response Code	0	ID 1/1
			Code indicating a Yes or No condition or response		
			ANV (EU-8a) = Address Not Validated Indicator		

Segment: REF Reference Identification

Position: 1000

Loop: PO1 Mandatory

Level: Detail
Usage: Optional
Max Use: >1

Purpose: To specify identifying information

Syntax Notes: 1 At least one of REF02 or REF03 is required.

If either C04003 or C04004 is present, then the other is required.
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:

Updated: March 11, 2002

Notes: REF*IX*LOCNUM (EU-7)*LOCNUM

	Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	<u>Name</u>		
M	REF01	128	Reference Identification Qualifier	M	ID 2/3
			Code qualifying the Reference Identification		
			IX Item Number		
	REF02 127 Reference Identification				AN 1/30
			Reference information as defined for a particular Transacti specified by the Reference Identification Qualifier LOCNUM (EU-7) = Location Number	on Se	t or as
	REF03	352	Description	Χ	AN 1/80
			A free-form description to clarify the related data elements content "LOCNUM"	and t	heir

Segment: N9 Reference Identification

Position: 3300

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:

Notes: N9*L1*ACC*EU

	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>	•		
M	N901	128	Reference	Identification Qualifier	M	ID 2/3
			Code qualify	ying the Reference Identification		
			L1	Letters or Notes		
	N902	127	Reference	Identification	X	AN 1/30
				nformation as defined for a particular Tran the Reference Identification Qualifier Access Instructions	saction S	Set or as
	N903	369	Free-form	Description	X	AN 1/45
			Free-form d	lescriptive text		
			"EU"			

Segment: MTX Text

Position: 3400

Loop: N9 Optional

Level: Detail
Usage: Optional
Max Use: >1

Purpose: To specify textual data

Syntax Notes: 1 If MTX01 is present, then MTX02 is required.

2 If MTX03 is present, then MTX02 is required.3 If MTX05 is present, then MTX04 is required.

Semantic Notes: 1 MTX05 is the number of lines to advance before printing.

Comments: 1 If MTX04 is "AA - Advance the specific number of lines before print",

then MTX05 is required.

Notes: MTX**ACC (EU-30)

Data Element Summary

Ref. Data

Des. Element Name

Attributes

MTX02 1551 Message Text X AN 1/4096

To transmit large volumes of message text

ACC (EU-30) = Access Information

Name Segment:

Position: 3500

> Loop: N1 Optional

Level: Detail Usage: Optional

Max Use:

Purpose: To identify a party by type of organization, name, and code

Syntax Notes: At least one of N102 or N103 is required.

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.

N105 and N106 further define the type of entity in N101.

Notes: N1*IT*NAME (EU-8)

Data Element Summary

Ref. **Data** Des. **Element Name Attributes** М **Entity Identifier Code** ID 2/3 N101 98 Code identifying an organizational entity, a physical location, property or an individual IT Installation on Site N102 93 Name X AN 1/60 Free-form name

NAME (EU-8) = End User Name

Segment: N4 Geographic Location

Position: 3800

Loop: N1 Optional

Level: Detail Usage: Optional

Max Use: 1

Purpose: To specify the geographic place of the named party

Syntax Notes:1 Only one of N402 or N407 may be present.2 If N406 is present, then N405 is required.

3 If N407 is present, then N404 is required.

Semantic Notes:

Comments: 1 A combination of either N401 through N404, or N405 and N406 may

be adequate to specify a location.

2 N402 is required only if city name (N401) is in the U.S. or Canada.

Notes: N4**STATE (EU-25)*ZIP (EU-26)**RJ*CALA (EU-26a)

Ref.	Data			
Des.	Element	<u>Name</u>		
Attributes				
N402	156	State or Province Code	X	ID 2/2
		Code (Standard State/Province) as defined by appropriate agency	gove	rnment
		STATE (EU-25) = State/Province		
N403	116	Postal Code	0	ID 3/15
		Code defining international postal zone code excluding publanks (zip code for United States)	unctua	ation and
		ZIP (EU-26) = ZIP/Postal Code		
N405	309	Location Qualifier	X	ID 1/2
		Code identifying type of location		
		RJ Region		
N406	310	Location Identifier	0	AN 1/30
		Code which identifies a specific location		
		CALA (EU-26a) = Customer Address Location Area		

Segment: NX2 Location ID Component
Position: 3850
Loop: N1 Optional

Level: Detail
Usage: Optional

Max Use: >1

Purpose: To define types and values of a geographic location

Syntax Notes: Semantic Notes: Comments:

Notes: NX2*01*SANO (EU-11)

NX2*02*SASN (EU-14) NX2*03*SASD (EU-13) NX2*05*BOX (EU-23c) NX2*06*ROUTE (EU-23b) NX2*07*CITY (EU-24) NX2*39*AHN (EU-23a) NX2*40*SASS (EU-16) NX2*59*SAPR (EU-10) NX2*61*SASF (EU-12) NX2*62*SATH (EU-15)

NX2*LD1 (EU-17)*LV1 (EU-18) NX2*LD2 (EU-19)*LV2 (EU-20) NX2*LD3 (EU-21)*LV3 (EU-22)

Data Element Summary

Ref. Data

<u>Des.</u> <u>Element</u> <u>Name</u>

Attributes

M NX201 1106 Address Component Qualifier M ID 2/2

Code qualifying the type of address component

LD1 (EU-17) = Location Designator 1 13=(DWS : APT) 34=(DWS : LOT)

35=(DWS : RM) 36=(DWS : SLIP) 37=(DWS : UNIT) 14=(DWS : SUIT)

LD2 (EU-19) = Location Designator 2

32=(DWS: FLR)

LD3 (EU-21) = Location Designator 3

12=(DWS : BLDG) 63=(DWS : WNG) 30=(DWS : PIER)

01 Street Number
02 Street Name
03 Prefix Direction
05 P.O. Box Number
06 Rural Route Number
07 City Name

O7 City Name12 Building Name

		13	Apartment Number	
		14	Suite Number	
		30	Pier	
			The pier at which a ship or boat is docked	
		32	Floor	
			A particular floor or level of a building	
		34	Lot	
			A particular lot or piece of land	
		35	Room	
			A walled room or partitioned area of a building	
		36	Slip	
			The slip or location on a pier at which a ship or b	oat
			is docked	
		37	Unit	
			A unit or separate structure	
		39	Unstructured Property	
		40	Street Suffix	
		59	Street Number Low	
		61	Street Number Fraction	
		62	Street Name Suffix	
		63	Secondary Unit Identifier	
NX202	166	Address Inform	nation M AN	1/55
		Address informa		
		SASN (EU-14) = SASD (EU-13) = BOX (EU-23c) = ROUTE (EU-23k CITY (EU-24) = AHN (EU-23a) =	o) = Route	

М

LV1 (EU-18) = Location Value 1 LV2 (EU-20) = Location Value 2 LV3 (EU-22) = Location Value 3 Segment: PER Administrative Communications Contact

Position: 4000

Loop: N1 Optional

Level: Detail 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.

If either PER05 or PER06 is present, then the other is required.
If either PER07 or PER08 is present, then the other is required.

Semantic Notes: Comments:

Updated: March 11, 2002

Notes: PER*CA*LCON (EU-27)*TE*TEL NO (EU-28)

			Data Elomont Gammary		
	Ref.	Data	No		
	Des.	<u>Element</u>	<u>Name</u>		
	<u>Attributes</u>				
M	PER01	366	Contact Function Code	M	ID 2/2
			Code identifying the major duty or responsibility of the p named	erson (or group
			CA Customer Contact Granting Appoint	ment	
	PER02	93	Name	0	AN 1/60
			Free-form name		
			LCON (EU-27) = Local Contact		
	PER03	365	Communication Number Qualifier	X	ID 2/2
			Code identifying the type of communication number		
			TE Telephone		
	PER04	364	Communication Number	X	AN 1/256
			Complete communications number including country or applicable	area c	ode when
			TEL NO (EU-28) = Telephone Number		

Segment: SI Service Characteristic Identification

Position: 4050

Loop: N1 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.

If either SI06 or SI07 is present, then the other is required.
If either SI08 or SI09 is present, then the other is required.
If either SI10 or SI11 is present, then the other is required.
If either SI12 or SI13 is present, then the other is required.
If either SI14 or SI15 is present, then the other is required.
If either SI16 or SI17 is present, then the other is required.
If either SI18 or SI19 is present, then the other is required.

If either SI20 or SI21 is present, then the other is required.

Semantic Notes:

Comments: 1 Sl01 defines the source for each of the service characteristics

qualifiers.

Notes: SI*TI*AF*AFT (EU-9)

	Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	<u>Name</u>		
M	SI01	559	Agency Qualifier Code	M	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
M	SI02	1000	Service Characteristics Qualifier	M	AN 2/2
			Code from an industry code list qualifying the type of ser- characteristics	vice	
			AF Address Format Type		
M	SI03	234	Product/Service ID	M	AN 1/48
			Identifying number for a product or service		
			AFT (EU-9) = Address Format Type		

Segment: PO1 Baseline Item Data - End User Form (Disconnect

Information Section)

Position: 0100

Loop: PO1 Mandatory

Level: Detail Usage: Mandatory

Max Use: 1

Purpose: To specify basic and most frequently used line item data

Syntax Notes: 1 If PO103 is present, then PO102 is required.

2 If PO105 is present, then PO104 is required.

If either PO106 or PO107 is present, then the other is required.
If either PO108 or PO109 is present, then the other is required.
If either PO110 or PO111 is present, then the other is required.
If either PO112 or PO113 is present, then the other is required.
If either PO114 or PO115 is present, then the other is required.
If either PO116 or PO117 is present, then the other is required.

If either PO114 or PO115 is present, then the other is required.

If either PO116 or PO117 is present, then the other is required.

If either PO120 or PO121 is present, then the other is required.

If either PO122 or PO123 is present, then the other is required.

If either PO122 or PO123 is present, then the other is required.

12 If either PO124 or PO125 is present, then the other is required.

Semantic Notes:

Updated: March 11, 2002

Comments: 1 See the Data Element Dictionary for a complete list of IDs.

2 PO101 is the line item identification.

3 PO106 through PO125 provide for ten different product/service IDs per each item. For example: Case, Color, Drawing No., U.P.C. No.,

ISBN No., Model No., or SKU.

Notes: PO1*n*1*EA***ZZ*EU_DISC [PO1 Loop may repeat]

Ref.	Data			
Des.	<u>Element</u>	<u>Name</u>		
<u>Attributes</u>				
PO101	350	Assigned Identification	0	AN 1/20
		Alphanumeric characters assigned for differentiation within transaction set	n a	
		"n" = nth assigned ID within PO1 loop		
PO102	330	Quantity Ordered	X	R 1/15
		Quantity ordered		
		1 Always One		
PO103	355	Unit or Basis for Measurement Code	0	ID 2/2
		Code specifying the units in which a value is being expression manner in which a measurement has been taken EA Each	sed, o	or
PO106	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive numbe Product/Service ID (234) ZZ Mutually Defined	r used	in
PO107	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		
		"EU_DISC"		

Segment: SI Service Characteristic Identification

Position: 0180

Loop: PO1 Mandatory

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.

If either SI06 or SI07 is present, then the other is required.
If either SI08 or SI09 is present, then the other is required.
If either SI10 or SI11 is present, then the other is required.
If either SI12 or SI13 is present, then the other is required.
If either SI14 or SI15 is present, then the other is required.
If either SI16 or SI17 is present, then the other is required.
If either SI18 or SI19 is present, then the other is required.

If either SI20 or SI21 is present, then the other is required.

Semantic Notes:

Comments: 1 Sl01 defines the source for each of the service characteristics

qualifiers.

Notes: SI*TI*ND*DISC NBR (EU-55)

SI*TI*T6*TC OPT (EU-57)

	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>	•		
M	SI01	559	Agency Qualifie	r Code	М	ID 2/2
			Code identifying t	he agency assigning the code values		
			TI	Telecommunications Industry		
M	SI02	1000	Service Charact	eristics Qualifier	M	AN 2/2
			characteristics	ustry code list qualifying the type of serv	rice	
			ND	Disconnect Number		
			T6	Transfer of Calls Options		
M	SI03	234	Product/Service	e ID	M	AN 1/48
			Identifying number	r for a product or service		
				5) = Disconnect Telephone Number = Transfer of Call Options		

Segment: REF Reference Identification

Position: 1000

Loop: PO1 Mandatory

Level: Detail
Usage: Optional
Max Use: >1

Purpose: To specify identifying information

Syntax Notes: 1 At least one of REF02 or REF03 is required.

If either C04003 or C04004 is present, then the other is required.
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:

Updated: March 11, 2002

Notes: REF*IX*DNUM (EU-54)*DNUM

	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>		
M	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification IX Item Number	M	ID 2/3
	REF02	127	Reference Identification Reference information as defined for a particular Transaction specified by the Reference Identification Qualifier DNUM (EU-54) = Disconnect Line Number	X ion Se	AN 1/30 et or as
	REF03	352	Description A free-form description to clarify the related data elements content "DNUM"	X s and	AN 1/80 their

Segment: DTM Date/Time Reference

Position: 2100

Loop: PO1 Mandatory

Level: Detail
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.

If DTM04 is present, then DTM03 is required.

3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:

Comments:

Notes: DTM*376*TC PER{CCYYMMDD}(EU-62)

Data Element Summary

Ref. Data

Des. Element Name

Attributes

M DTM01 374 Date/Time Qualifier M ID 3/3

Code specifying type of date or time, or both date and time

376 Delivery End

The date that deliveries will end

DTM02 373 Date X DT 8/8

Date expressed as CCYYMMDD

TC PER (EU-62) = Transfer of Calls Period

Segment: SLN Subline Item Detail

Position: 4700

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.

If either SLN09 or SLN10 is present, then the other is required.
If either SLN11 or SLN12 is present, then the other is required.
If either SLN13 or SLN14 is present, then the other is required.
If either SLN15 or SLN16 is present, then the other is required.
If either SLN17 or SLN18 is present, then the other is required.

If either SLN19 or SLN20 is present, then the other is required.
If either SLN21 or SLN22 is present, then the other is required.
If either SLN21 or SLN22 is present, then the other is required.
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.

13 If either SLINZ7 or SLINZ8 is present, then the other is requ

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.

Notes: SLN*TCPRI*n*A*1*EA

Updated: March 11, 2002

	Ref.	Data			
	Des.	Element	<u>Name</u>		
	<u>Attributes</u>				
M	SLN01	350	Assigned Identification	M	AN 1/20
			Alphanumeric characters assigned for differentiation within transaction set	n a	
			"TCPRI"		
	SLN02	350	Assigned Identification	0	AN 1/20
			Alphanumeric characters assigned for differentiation within transaction set	ıa	
			"n" = nth assigned ID within SLN loop		
M	SLN03	662	Relationship Code	М	ID 1/1
			Code indicating the relationship between entities		
			A Add		
	SLN04	380	Quantity	X	R 1/15
			Numeric value of quantity		

			1 Always One	
	SLN05	C001	Composite Unit of Measure	X
M	C00101	355	To identify a composite unit of measure (Sexamples of use) Unit or Basis for Measurement Code	See Figures Appendix for M ID 2/2
			Code specifying the units in which a value manner in which a measurement has beer EA Each	

Position: 4800

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.

If either SI06 or SI07 is present, then the other is required.
If either SI08 or SI09 is present, then the other is required.
If either SI10 or SI11 is present, then the other is required.
If either SI12 or SI13 is present, then the other is required.
If either SI14 or SI15 is present, then the other is required.
If either SI16 or SI17 is present, then the other is required.
If either SI18 or SI19 is present, then the other is required.

If either SI20 or SI21 is present, then the other is required.

Semantic Notes:

Comments: 1 Sl01 defines the source for each of the service characteristics

qualifiers.

Notes: SI*TI*TC*TC TO PRI (EU-58)

	Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	<u>Name</u>		
M	SI01	559	Agency Qualifier Code	M	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
M	SI02	1000	Service Characteristics Qualifier	M	AN 2/2
			Code from an industry code list qualifying the type of service characteristics	/ice	
			TC Transfer Announcement Number		
M	SI03	234	Product/Service ID	M	AN 1/48
			Identifying number for a product or service		
			TC TO PRI (EU-58) = Transfer of Calls To Primary Number	er	

Segment: N1 Name

Position: 5350

Loop: N1 Optional

Level: Detail 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.

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.

Notes: N1*TT*TC NAME (EU-58b)

Data Element Summary

Ref. Data Des. **Element Name Attributes** М **Entity Identifier Code** ID 2/3 N101 98 Code identifying an organizational entity, a physical location, property or an individual TT Transfer To N102 93 Name X AN 1/60

Free-form name

TC NAME (EU-58b) = Transfer of Calls to Name

Segment: REF Reference Identification

Position: 5800

Loop: N1 Optional

Level: Detail
Usage: Optional
Max Use: 12

Purpose: To specify identifying information

Syntax Notes: 1 At least one of REF02 or REF03 is required.

If either C04003 or C04004 is present, then the other is required.
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:

Updated: March 11, 2002

Notes: REF*55*TCID (EU-58a)*PRI

	Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	·		
M	REF01	128	Reference Identification Qualifier	M	ID 2/3
			Code qualifying the Reference Identification		
			55 Sequence Number		
	REF02	127	Reference Identification	X	AN 1/30
			Reference information as defined for a particular Trans specified by the Reference Identification Qualifier	action S	et or as
			TCID (EU-58a) = Transfer of Calls to Identifier		
	REF03	352	Description	X	AN 1/80
			A free-form description to clarify the related data element content "PRI"	ents and	their

Segment: SLN Subline Item Detail

Position: 4700

Loop: SLN Optional

Level: Detail Usage: Optional

Max Use: 1

Updated: March 11, 2002

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.

If either SLN09 or SLN10 is present, then the other is required.
If either SLN11 or SLN12 is present, then the other is required.
If either SLN13 or SLN14 is present, then the other is required.
If either SLN15 or SLN16 is present, then the other is required.
If either SLN17 or SLN18 is present, then the other is required.
If either SLN19 or SLN20 is present, then the other is required.

If either SLN19 or SLN20 is present, then the other is required.
If either SLN21 or SLN22 is present, then the other is required.
If either SLN23 or SLN24 is present, then the other is required.
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.

Notes: SLN*TCSEC*n*A*1*EA [SLN Loop may repeat]

	Ref.	Data			
	Des.	Element	<u>Name</u>		
	Attributes				
M	SLN01	350	Assigned Identification	M	AN 1/20
			Alphanumeric characters assigned for differentiation within transaction set	a	
			"TCSEC"		
	SLN02	350	Assigned Identification	0	AN 1/20
			Alphanumeric characters assigned for differentiation within transaction set	ıa	
			"n" = nth assigned ID within SLN loop		
M	SLN03	662	Relationship Code	М	ID 1/1
			Code indicating the relationship between entities		
			A Add		
	SLN04	380	Quantity	X	R 1/15
			Numeric value of quantity		

			1 Always One	
	SLN05	C001	Composite Unit of Measure	X
М	C00101	355	To identify a composite unit of measure (S examples of use) Unit or Basis for Measurement Code	See Figures Appendix for M ID 2/2
			Code specifying the units in which a value manner in which a measurement has been EA Each	•

Position: 4800

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.

If either SI06 or SI07 is present, then the other is required.
If either SI08 or SI09 is present, then the other is required.
If either SI10 or SI11 is present, then the other is required.
If either SI12 or SI13 is present, then the other is required.
If either SI14 or SI15 is present, then the other is required.
If either SI16 or SI17 is present, then the other is required.
If either SI18 or SI19 is present, then the other is required.

If either SI20 or SI21 is present, then the other is required.

Semantic Notes:

Comments: 1 Sl01 defines the source for each of the service characteristics

qualifiers.

Notes: SI*TI*TC*TC TO SEC (EU-59)

	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>		
M	SI01	559	Agency Qualifier Code	М	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
M	SI02	1000	Service Characteristics Qualifier	М	AN 2/2
			Code from an industry code list qualifying the type of servi characteristics	ce	
			TC Transfer Announcement Number		
M	SI03	234	Product/Service ID	М	AN 1/48
			Identifying number for a product or service		
			TC TO SEC (EU-59) = Transfer of Calls To Secondary Nur	nber	

Segment: N1 Name

Position: 5350

Loop: N1 Optional

Level: Detail Usage: Optional

Max Use:

Purpose: To identify a party by type of organization, name, and code

Syntax Notes: 1 At least one of N102 or N103 is required.

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.

Notes: N1*TT*TC NAME (EU-61)

Data Element Summary

Ref. Data Des. **Element Name Attributes** М **Entity Identifier Code** ID 2/3 N101 98 Code identifying an organizational entity, a physical location, property or an individual TT Transfer To N102 93 Name X AN 1/60

Free-form name

TC NAME (EU-61) = Transfer of Calls To Name

Segment: REF Reference Identification

Position: 5800

Loop: N1 Optional

Level: Detail
Usage: Optional
Max Use: 12

Purpose: To specify identifying information

Syntax Notes: 1 At least one of REF02 or REF03 is required.

If either C04003 or C04004 is present, then the other is required. 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:

Updated: March 11, 2002

Notes: REF*55*TCID (EU-60)*SEC

	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Name		
M	REF01	128	Reference Identification Qualifier	M	ID 2/3
			Code qualifying the Reference Identification		
			55 Sequence Number		
	REF02	127	Reference Identification	X	AN 1/30
			Reference information as defined for a particular Tra specified by the Reference Identification Qualifier TCID (EU-60) = Transfer of Calls To Identifier	nsaction S	et or as
	REF03	352	Description	Х	AN 1/80
			A free-form description to clarify the related data ele content "SEC"	ments and	their

Segment: PO1 Baseline Item Data - PBX Resale Form (Service Details

Section)

Position: 0100

Loop: PO1 Mandatory

Level: Detail Usage: Mandatory

Max Use: 1

Purpose: To specify basic and most frequently used line item data

Syntax Notes: 1 If PO103 is present, then PO102 is required.

2 If PO105 is present, then PO104 is required.

If either PO106 or PO107 is present, then the other is required.
If either PO108 or PO109 is present, then the other is required.
If either PO110 or PO111 is present, then the other is required.
If either PO112 or PO113 is present, then the other is required.
If either PO114 or PO115 is present, then the other is required.
If either PO116 or PO117 is present, then the other is required.
If either PO118 or PO119 is present, then the other is required.
If either PO120 or PO121 is present, then the other is required.

11 If either PO122 or PO123 is present, then the other is required.12 If either PO124 or PO125 is present, then the other is required.

Semantic Notes:

Updated: March 11, 2002

Comments: 1 See the Data Element Dictionary for a complete list of IDs.

2 PO101 is the line item identification.

3 PO106 through PO125 provide for ten different product/service IDs per each item. For example: Case, Color, Drawing No., U.P.C. No.,

ISBN No., Model No., or SKU.

Notes: PO1*n*1*EA***ZZ*RE [PO1 Loop repeats RSQTY (RE-5) times]

Ref.	Data			
Des.	<u>Element</u>	<u>Name</u>		
<u>Attributes</u>				
PO101	350	Assigned Identification	0	AN 1/20
		Alphanumeric characters assigned for differentiation within transaction set	ı a	
		"n" = nth assigned ID within PO1 loop		
PO102	330	Quantity Ordered	Χ	R 1/15
		Quantity ordered		
		1 Always One		
PO103	355	Unit or Basis for Measurement Code	0	ID 2/2
		Code specifying the units in which a value is being expression manner in which a measurement has been taken EA Each	sed, c	or
PO106	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive numbe Product/Service ID (234) ZZ Mutually Defined	r used	lin
PO107	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		
		"RE"		

Position: 0180

Loop: PO1 Mandatory

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.

If either SI06 or SI07 is present, then the other is required.
If either SI08 or SI09 is present, then the other is required.
If either SI10 or SI11 is present, then the other is required.
If either SI12 or SI13 is present, then the other is required.
If either SI14 or SI15 is present, then the other is required.
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:

Updated: March 11, 2002

Comments: 1 Sl01 defines the source for each of the service characteristics

qualifiers.

Notes: SI*TI*SA*LNA (RE-12)

SI*TI*TN*TNS (RE-15) SI*TI*OT*OTN (RE-19) SI*TI*TD*PTKCON (RE-24) SI*TI*CN*ECCKT (RE-28) SI*TI*T6*TC OPT (RE-35) SI*TI*SY*SSIG (RE-51) SI*TI*PE*PULSE (RE-52) SI*TI*TQ*TLI (RE-18a) SI*TI*T5*TERS (RE-18)

Data Element Summary

	Ref.	Data		•		
	<u>Des.</u> Attributes	Element	<u>Name</u>			
M	SI01	559	Agency Qualifier	Code	M	ID 2/2
			Code identifying th	e agency assigning the code values		
			TI	Telecommunications Industry		
M	SI02	1000	Service Characte	ristics Qualifier	M	AN 2/2
			Code from an indu characteristics	stry code list qualifying the type of serv	rice	
			CN	Circuit Number Identification		
			ОТ	Out Telephone Number		
			PE	Pulse Type		
			SA	Service Activity		
			SY	Start Signaling		
			T5	Terminal Number		
			T6	Transfer of Calls Options		
			TD	Transmission Duplex		
			TN	Telephone Number		
			TQ	Telephone Line Identifier		
M	SI03	234	Product/Service	ID	M	AN 1/48

Identifying number for a product or service

LNA (RE-12) = Line Activity

CT=(DWS : X-TN Change)

C=(DWS : C-Change) A=(DWS : N-New)

D=(DWS : D-Disconnect)

V=(DWS : V-Conversion of Service As Specified)

P=(DWS : P-PIC Change) L=(DWS : L-Seasonal Suspend) W=(DWS : W-Conversion As Is)

TNS (RE-15) = Telephone Numbers

OTN (RE-19) = Out Telephone Number

PTKCON (RÉ-24) = PBX Trunk Configuration

ECCKT (RE-28) = Exchange Company Circuit ID

TC OPT (RE-35) = Transfer of Call Options

SSIG (RE-51) = Start Signaling

PULSE (RE-52) = Type of Pulsing

TLI (RE-18a) = Telephone Line Identifier

TERS (RE-18) = Terminal Numbers

Segment: PID Product/Item Description

Position: 0500

Loop: PID Optional

Level: Detail
Usage: Optional

Max Use:

Updated: March 11, 2002

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

Syntax Notes: 1 If PID04 is present, then PID03 is required.

At least one of PID04 or PID05 is required.
If PID07 is present, then PID03 is required.
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.

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.

Notes: PID*S**TI*AG***SO-RSQ*NIDR (RE-47)

			Data Lioinion			
	Ref.	Data				
	Des.	Element	Name			
	Attributes					
M	PID01	349	Item Descriptio	n Type	M	ID 1/1
			Code indicating	the format of a description		
			S	Structured (From Industry Code List)		
	PID03	559	Agency Qualific	er Code	X	ID 2/2
			Code identifying	the agency assigning the code values		
			П	Telecommunications Industry		
	PID04	751	Product Descrip	ption Code	X	AN 1/12
				A code from an industry code list which provides specific data product characteristic		
			AG	Network Interface Device Request		
	PID07	822	Source Subqua	alifier	0	AN 1/15
	A reference that indicates the table or text maintained by Qualifier			the So	ource	
			SO-RSQ	Service Order - Reseller Questions lis	st	
	PID08	1073	Yes/No Condition	on or Response Code	0	ID 1/1
			Code indicating	a Yes or No condition or response		
			NIDR (RE-47) =	NID Request		

Segment: REF Reference Identification

Position: 1000

Loop: PO1 Mandatory

Level: Detail
Usage: Optional
Max Use: >1

Purpose: To specify identifying information

Syntax Notes: 1 At least one of REF02 or REF03 is required.

If either C04003 or C04004 is present, then the other is required.
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:

Ref.

Notes: REF*IX*LNUM (RE-9)*LNUM

REF*GP*TSP (RE-25) REF*AE*SAN (RE-26)

Data Element Summary

<u>Des.</u> <u>Element</u> <u>Name</u> <u>Attributes</u>

Data

M REF01 128 Reference Identification Qualifier M ID 2/3

Code qualifying the Reference Identification

AE Authorization for Expense (AFE) Number

GP Government Priority Number

IX Item Number

REF02 127 Reference Identification X AN 1/30

Reference information as defined for a particular Transaction Set or as

specified by the Reference Identification Qualifier

LNUM (RE-9) = Line Number

TSP (RE-25) = Telecommunications Service Priority SAN (RE-26) = Subscriber Authorization Number

REF03 352 Description X AN 1/80

A free-form description to clarify the related data elements and their

content

"LNUM"

Segment: DTM Date/Time Reference

Position: 2100

Loop: PO1 Mandatory

Level: Detail
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.

If DTM04 is present, then DTM03 is required.

3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:

Comments:

Notes: DTM*376*TC PER{CCYYMMDD}(RE-40)

Data Element Summary

Ref. Data

Des. Element Name

<u>Attributes</u>

M DTM01 374 Date/Time Qualifier M ID 3/3

Code specifying type of date or time, or both date and time

376 Delivery End

The date that deliveries will end

Χ

DT 8/8

DTM02 373 Date

Date expressed as CCYYMMDD

TC PER (RE-40) = Transfer of Calls Period

Segment: N1 Name

Position: 3500

Loop: N1 Optional

Level: Detail
Usage: Optional

Max Use:

Purpose: To identify a party by type of organization, name, and code

Syntax Notes: 1 At least one of N102 or N103 is required.

If either N103 or N104 is present, then the other is required.

Semantic Notes:

Updated: March 11, 2002

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.

Notes: N1*P9**41*PIC (RE-30)

			Data Element	Summary			
	Ref.	Data					
	<u>Des.</u> Attributes	<u>Element</u>	<u>Name</u>				
M	N101	98	Entity Identifier C	Code	М	ID 2/3	
			Code identifying a or an individual	n organizational entity, a physical loca	ition, p	roperty	
			P9	Primary Interexchange Carrier (PIC)			
				Identifies the carrier who will handle to interexchange calls	:he		
	N103	66	Identification Co	de Qualifier	X	ID 1/2	
			Code designating Identification Code	the system/method of code structure (e (67)	used fo	r	
			41	Telecommunications Carrier Identific	ation C	ode	
				Identifies the Interexchange carrier for being billed	or the c	harges	
	N104	67	Identification Co	de	X	AN 2/80	
			Code identifying a	party or other code			
			PIC (RE-30) = InterLATA Pre-subscription Indicator Code				

Segment: N1 Name

Position: 3500

Loop: N1 Optional

Level: Detail Usage: Optional

Max Use:

Purpose: To identify a party by type of organization, name, and code

Syntax Notes: 1 At least one of N102 or N103 is required.

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.

Notes: N1*8V**41*LPIC (RE-31)

			Data Licilicit Guillilary		
	Ref.	Data			
	<u>Des.</u>	<u>Element</u>	<u>Name</u>		
	<u>Attributes</u>				
M	N101	98	Entity Identifier Code	М	ID 2/3
			Code identifying an organization or an individual	onal entity, a physical location, p	roperty
			8V Primary Int	ra-LATA (Local Access Transpo	rt Area)
			Carrier		
	N103	66	Identification Code Qualifie	r X	ID 1/2
			Code designating the system/r Identification Code (67)	method of code structure used for	or
			41 Telecomm	unications Carrier Identification C	Code
			Identifies the being billed	ne Interexchange carrier for the o	charges
	N104	67	Identification Code	X	AN 2/80
			Code identifying a party or other	er code	
			LPIC (RE-31) = IntraLATA Pre-	-subscription Indicator Code	

Segment: SLN Subline Item Detail

Position: 4700

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.

If either SLN09 or SLN10 is present, then the other is required.
If either SLN11 or SLN12 is present, then the other is required.
If either SLN13 or SLN14 is present, then the other is required.
If either SLN15 or SLN16 is present, then the other is required.
If either SLN17 or SLN18 is present, then the other is required.
If either SLN19 or SLN20 is present, then the other is required.
If either SLN21 or SLN22 is present, then the other is required.
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.

Notes: SLN*TCPRI*n*A*1*EA

Updated: March 11, 2002

	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>		
M	SLN01	350	Assigned Identification	M	AN 1/20
			Alphanumeric characters assigned for differentiation within transaction set	a	
			"TCPRI"		
	SLN02	350	Assigned Identification	0	AN 1/20
			Alphanumeric characters assigned for differentiation within transaction set	ıa	
			"n" = nth assigned ID within SLN loop		
M	SLN03	662	Relationship Code	M	ID 1/1
			Code indicating the relationship between entities		
			A Add		
	SLN04	380	Quantity	X	R 1/15
			Numeric value of quantity		

			1 Always One	
	SLN05	C001	Composite Unit of Measure	X
M	C00101	355	To identify a composite unit of measure (Sexamples of use) Unit or Basis for Measurement Code	See Figures Appendix for M ID 2/2
			Code specifying the units in which a value manner in which a measurement has been EA Each	•

Position: 4800

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.

If either SI06 or SI07 is present, then the other is required.
If either SI08 or SI09 is present, then the other is required.
If either SI10 or SI11 is present, then the other is required.
If either SI12 or SI13 is present, then the other is required.
If either SI14 or SI15 is present, then the other is required.
If either SI16 or SI17 is present, then the other is required.

If either SI18 or SI19 is present, then the other is required. If either SI20 or SI21 is present, then the other is required.

Semantic Notes:

Comments: 1 Sl01 defines the source for each of the service characteristics

qualifiers.

Notes: SI*TI*TC*TC TO PRI (RE-38)

	Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	<u>Name</u>		
M	SI01	559	Agency Qualifier Code	M	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
M	SI02	1000	Service Characteristics Qualifier	M	AN 2/2
			Code from an industry code list qualifying the type of ser- characteristics	vice	
			TC Transfer Announcement Number		
M	SI03	234	Product/Service ID	M	AN 1/48
			Identifying number for a product or service		
			TC TO PRI (RE-38) = Transfer of Calls to Primary Number	er	

Segment: N1 Name

Position: 5350

Loop: N1 Optional

Level: Detail Usage: Optional

Max Use:

Purpose: To identify a party by type of organization, name, and code

Syntax Notes: 1 At least one of N102 or N103 is required.

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.

Notes: N1*TT*TC NAME (RE-38b)

Data Element Summary

Ref. **Data** Des. **Element Name Attributes** М **Entity Identifier Code** ID 2/3 N101 98 Code identifying an organizational entity, a physical location, property or an individual TT Transfer To N102 93 Name X AN 1/60

Free-form name

TC NAME (RE-38b) = Transfer of Calls to Name

Segment: REF Reference Identification

Position: 5800

Loop: N1 Optional

Level: Detail
Usage: Optional
Max Use: 12

Purpose: To specify identifying information

Syntax Notes: 1 At least one of REF02 or REF03 is required.

If either C04003 or C04004 is present, then the other is required.
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:

Updated: March 11, 2002

Notes: REF*55*TCID (RE-38a)*PRI

	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Name	, ca,			
M	REF01	128		tification Qualifier he Reference Identification	M	ID 2/3	
			55	Sequence Number			
	REF02	127	Reference Iden	tification	X	AN 1/30	
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
	REF03	352	,	Transfer of Calls to Identifier	Х	AN 1/80	
	REF03 352 Description A free-form description to clarify the related data element content "PRI"						

Segment: SLN Subline Item Detail

Position: 4700

Loop: SLN Optional

Level: Detail Usage: Optional

Max Use: 1

Updated: March 11, 2002

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.

If either SLN09 or SLN10 is present, then the other is required.
If either SLN11 or SLN12 is present, then the other is required.
If either SLN13 or SLN14 is present, then the other is required.
If either SLN15 or SLN16 is present, then the other is required.
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.

Notes: SLN*TCSEC*n*A*1*EA [SLN Loop may repeat]

	Ref.	Data			
	Des.	Element	<u>Name</u>		
	Attributes				
M	SLN01	350	Assigned Identification	M	AN 1/20
			Alphanumeric characters assigned for differentiation within transaction set	n a	
			"TCSEC"		
	SLN02	350	Assigned Identification	0	AN 1/20
			Alphanumeric characters assigned for differentiation within transaction set	n a	
			"n" = nth assigned ID within SLN loop		
M	SLN03	662	Relationship Code	М	ID 1/1
			Code indicating the relationship between entities		
			A Add		
	SLN04	380	Quantity	Χ	R 1/15
			Numeric value of quantity		

			1 Always One	
	SLN05	C001	Composite Unit of Measure	X
М	C00101	355	To identify a composite unit of measure (Sexamples of use) Unit or Basis for Measurement Code	See Figures Appendix for M ID 2/2
			Code specifying the units in which a value manner in which a measurement has beer EA Each	•

Position: 4800

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.

If either SI06 or SI07 is present, then the other is required.
If either SI08 or SI09 is present, then the other is required.
If either SI10 or SI11 is present, then the other is required.
If either SI12 or SI13 is present, then the other is required.
If either SI14 or SI15 is present, then the other is required.
If either SI16 or SI17 is present, then the other is required.
If either SI18 or SI19 is present, then the other is required.

If either SI20 or SI21 is present, then the other is required.

Semantic Notes:

Comments: 1 Sl01 defines the source for each of the service characteristics

qualifiers.

Notes: SI*TI*TC*TC TO SEC (RE-39)

	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>		
M	SI01	559	Agency Qualifier Code	M	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
M	SI02	1000	Service Characteristics Qualifier	M	AN 2/2
			Code from an industry code list qualifying the type of serv characteristics	ice	
			TC Transfer Announcement Number		
M	SI03	234	Product/Service ID	M	AN 1/48
			Identifying number for a product or service		
			TC TO SEC (RE-39) = Transfer of Calls to Secondary Nur	nber	

Segment: N1 Name

Position: 5350

Loop: N1 Optional

Level: Detail 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.

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.

Notes: N1*TT*TC NAME (RE-42)

Data Element Summary

Ref. Data Des. **Element Name Attributes** М **Entity Identifier Code** ID 2/3 N101 98 Code identifying an organizational entity, a physical location, property or an individual TT Transfer To N102 93 Name X AN 1/60

Free-form name

TC NAME (RE-42) = Transfer of Calls to Name

Segment: REF Reference Identification

Position: 5800

Loop: N1 Optional

Level: Detail
Usage: Optional
Max Use: 12

Purpose: To specify identifying information

Syntax Notes: 1 At least one of REF02 or REF03 is required.

If either C04003 or C04004 is present, then the other is required. 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:

Updated: March 11, 2002

Notes: REF*55*TCID (RE-41)*SEC

	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>				
M	REF01	128	Reference Identification Qualifier	M	ID 2/3		
			Code qualifying the Reference Identification				
			55 Sequence Number				
	REF02	127	Reference Identification	X	AN 1/30		
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier TCID (RE-41) = Transfer of Calls to Identifier				
	REF03	352	Description	Х	AN 1/80		
			A free-form description to clarify the related data elements and their content "SEC"				

Segment: SLN Subline Item Detail

Position: 4700

Loop: SLN Optional

Level: Detail Usage: Optional

Max Use:

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.

If either SLN09 or SLN10 is present, then the other is required.
 If either SLN11 or SLN12 is present, then the other is required.

If either SLN13 or SLN14 is present, then the other is required.If either SLN15 or SLN16 is present, then the other is required.

If either SLN17 or SLN18 is present, then the other is required.
If either SLN19 or SLN20 is present, then the other is required.
If either SLN21 or SLN22 is present, then the other is required.

If either SLN23 or SLN24 is present, then the other is required.
 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.

Updated: March 11, 2002

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.

Notes: SLN*IW*n*A*IWJQ (RE-49)*EA****EQ*IWJK (RE-48) [SLN Loop may repeat per

Inside Wiring pair]

	Ref.	Data			
	Des.	<u>Element</u>	<u>Name</u>		
	<u>Attributes</u>				
М	SLN01	350	Assigned Identification	M	AN 1/20
			Alphanumeric characters assigned for differentiation within transaction set	а	
			"IW"		
	SLN02	350	Assigned Identification	0	AN 1/20
			Alphanumeric characters assigned for differentiation within transaction set	а	
			"n" = nth assigned ID within SLN loop		
M	SLN03	662	Relationship Code	M	ID 1/1
			Code indicating the relationship between entities		
			A Add		
	SLN04	380	Quantity	Χ	R 1/15

Numeric value of quantity IWJQ (RE-49) = Inside Wire Jack Quantity C001 Χ SLN05 **Composite Unit of Measure** To identify a composite unit of measure (See Figures Appendix for examples of use) M C00101 355 **Unit or Basis for Measurement Code** ID 2/2 Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken EΑ Each SLN09 235 **Product/Service ID Qualifier** Χ ID 2/2 Code identifying the type/source of the descriptive number used in Product/Service ID (234) EQ **Equipment Type** SLN10 234 **Product/Service ID** Χ AN 1/48 Identifying number for a product or service

IWJK (RE-48) = Inside Wire Jack Code

SLN Subline Item Detail Segment:

Position: 4700

> Loop: SLN Optional

Level: Detail Usage: Optional

Max Use:

Purpose: To specify product subline detail item data

Syntax Notes: If either SLN04 or SLN05 is present, then the other is required. 1

> 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. If either SLN11 or SLN12 is present, then the other is required. If either SLN13 or SLN14 is present, then the other is required. If either SLN15 or SLN16 is present, then the other is required. If either SLN17 or SLN18 is present, then the other is required. 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: SLN01 is the identifying number for the subline item.

> 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.

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.

> 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.

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.

Notes: SLN*BL*n*A*1*EA

Updated: March 11, 2002

	Ref.	Data			
	Des.	Element	<u>Name</u>		
	Attributes				
M	SLN01	350	Assigned Identification	M	AN 1/20
			Alphanumeric characters assigned for differentiation within transaction set	a	
			"BL"		
	SLN02	350	Assigned Identification	0	AN 1/20
			Alphanumeric characters assigned for differentiation within transaction set	ıa	
			"n" = nth assigned ID within SLN loop		
M	SLN03	662	Relationship Code	М	ID 1/1
			Code indicating the relationship between entities		
			A Add		
	SLN04	380	Quantity	X	R 1/15
			Numeric value of quantity		

			1 Always One	
	SLN05	C001	Composite Unit of Measure	X
М	C00101	355	To identify a composite unit of measure (S examples of use) Unit or Basis for Measurement Code	See Figures Appendix for M ID 2/2
			Code specifying the units in which a value manner in which a measurement has been EA Each	

Position: 4800

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.

If either SI06 or SI07 is present, then the other is required.
If either SI08 or SI09 is present, then the other is required.
If either SI10 or SI11 is present, then the other is required.
If either SI12 or SI13 is present, then the other is required.
If either SI14 or SI15 is present, then the other is required.
If either SI16 or SI17 is present, then the other is required.

If either SI18 or SI19 is present, then the other is required.If either SI20 or SI21 is present, then the other is required.

Semantic Notes:

Comments: 1 Sl01 defines the source for each of the service characteristics

qualifiers.

Notes: SI*TI*BB*BA (RE-54)*TB*BLOCK (RE-55)

	Ref.	Data	•		
	Des.	<u>Element</u>	<u>Name</u>		
	<u>Attributes</u>				
М	SI01	559	Agency Qualifier Code	M	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
M	SI02	1000	Service Characteristics Qualifier	M	AN 2/2
			Code from an industry code list qualifying the type of service characteristics	vice	
			BB Blocking Activity		
M	SI03	234	Product/Service ID	M	AN 1/48
			Identifying number for a product or service		
			BA (RE-54) = Blocking Activity		
	SI04	1000	Service Characteristics Qualifier	X	AN 2/2
			Code from an industry code list qualifying the type of service characteristics	/ice	
			TB Blocking/Billing Exception		
	SI05	05 234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
			BLOCK (RE-55) = Block		

Segment: SLN Subline Item Detail

Position: 4700

Loop: SLN Optional

Level: Detail Usage: Optional

Max Use:

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.

If either SLN09 or SLN10 is present, then the other is required.
If either SLN11 or SLN12 is present, then the other is required.
If either SLN13 or SLN14 is present, then the other is required.
If either SLN15 or SLN16 is present, then the other is required.
If either SLN17 or SLN18 is present, then the other is required.
If either SLN19 or SLN20 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.

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.

Notes: SLN*FA*n*A*1*EA [SLN Loop may repeat per FA/FEATURE pair]

	Ref.	Data			
	Des.	Element	<u>Name</u>		
	Attributes				
M	SLN01	350	Assigned Identification	M	AN 1/20
			Alphanumeric characters assigned for differentiation within transaction set	a	
			"FA"		
	SLN02	350	Assigned Identification	0	AN 1/20
			Alphanumeric characters assigned for differentiation within transaction set	a	
			"n" = nth assigned ID within SLN loop		
M	SLN03	662	Relationship Code	М	ID 1/1
			Code indicating the relationship between entities		
			A Add		
	SLN04	380	Quantity	X	R 1/15
			Numeric value of quantity		

			1 Always One		
	SLN05	C001	Composite Unit of Measure	X	
М	C00101	355	To identify a composite unit of measure (Sexamples of use) Unit or Basis for Measurement Code	See Figures Appendix for M ID 2/2	
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken EA Each		

Position: 4800

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.

If either SI06 or SI07 is present, then the other is required.
If either SI08 or SI09 is present, then the other is required.
If either SI10 or SI11 is present, then the other is required.
If either SI12 or SI13 is present, then the other is required.
If either SI14 or SI15 is present, then the other is required.
If either SI16 or SI17 is present, then the other is required.
If either SI18 or SI19 is present, then the other is required.
If either SI20 or SI21 is present, then the other is required.

Semantic Notes:

Updated: March 11, 2002

Comments: 1 Sl01 defines the source for each of the service characteristics

qualifiers.

Notes: SI*TI*SA*FA (RE-58)*SC*FEATURE (RE-59)

SI*TI*FD*FEATURE DETAIL (RE-60) [SI Segment may repeat]

	Ref.	Data	•			
	Des.	Element	<u>Name</u>			
	<u>Attributes</u>					
M	SI01	559	Agency Qualifier Code		ID 2/2	
			Code identifying the agency assigning the code va	alues		
			TI Telecommunications Industry			
M	SI02	1000	Service Characteristics Qualifier		AN 2/2	
			Code from an industry code list qualifying the type characteristics	of service		
			FD Feature Data			
			SA Service Activity			
M	SI03	234	Product/Service ID	M	AN 1/48	
			Identifying number for a product or service			
			FA (RE-58) = Feature Activity A = (DWS: N- Add) CF = (DWS: C-Change (old values)) D = (DWS: D-Disconnect) V = (DWS: V-Conversion As Specified) CT = (DWS: T-Change (new values)) FEATURE DETAIL (RE-60) = Feature Detail Service Characteristics Qualifier			
	SI04	1000			AN 2/2	
			Code from an industry code list qualifying the type characteristics SC Service Category	of service		
	SI05	234	Product/Service ID	X	AN 1/48	
			Identifying number for a product or service			
			FEATURE (RE-59) = Feature Codes			

Segment: PO1 Baseline Item Data - Regular Hunting

Position: 0100

Loop: PO1 Mandatory

Level: Detail Usage: Mandatory

Max Use: 1

Purpose: To specify basic and most frequently used line item data

Syntax Notes: 1 If PO103 is present, then PO102 is required.

2 If PO105 is present, then PO104 is required.

If either PO106 or PO107 is present, then the other is required.
If either PO108 or PO109 is present, then the other is required.
If either PO110 or PO111 is present, then the other is required.
If either PO112 or PO113 is present, then the other is required.
If either PO114 or PO115 is present, then the other is required.
If either PO116 or PO117 is present, then the other is required.
If either PO118 or PO119 is present, then the other is required.
If either PO120 or PO121 is present, then the other is required.
If either PO122 or PO123 is present, then the other is required.

12 If either PO124 or PO125 is present, then the other is required.

Semantic Notes:

Updated: March 11, 2002

Comments: 1 See the Data Element Dictionary for a complete list of IDs.

2 PO101 is the line item identification.

3 PO106 through PO125 provide for ten different product/service IDs per each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No. Model No. or SIGL.

ISBN No., Model No., or SKU.

Notes: PO1*n*1*EA***ZZ*HG [If this segment appears, HNTYP (LSR-116) = 5]

Ref.	Data	,				
<u>Des.</u> Attributes	Element	<u>Name</u>				
PO101	350	Assigned Identification	0	AN 1/20		
		Alphanumeric characters assigned for differentiation within a transaction set				
		"n" = nth assigned ID within PO1 loop.				
PO102	330	Quantity Ordered	X	R 1/15		
		Quantity ordered				
		1 Always One				
PO103	355	Unit or Basis for Measurement Code	0	ID 2/2		
		Code specifying the units in which a value is being expression manner in which a measurement has been taken EA Each	sed, c	or		
PO106	235	Product/Service ID Qualifier	X	ID 2/2		
		Code identifying the type/source of the descriptive number Product/Service ID (234) ZZ Mutually Defined	used	in		
PO107	234	Product/Service ID	X	AN 1/48		
		Identifying number for a product or service				
		"HG"				

Position: 0180

Loop: PO1 Mandatory

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.

If either SI06 or SI07 is present, then the other is required.
If either SI08 or SI09 is present, then the other is required.
If either SI10 or SI11 is present, then the other is required.
If either SI12 or SI13 is present, then the other is required.
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 Sl01 defines the source for each of the service characteristics

qualifiers.

Notes: SI*TI*SA*HA (LSR-112)

SI*TI*SG*HID (LSR-113) SI*TI*SF*HNTYP (LSR-116)

Data Element Summary

	Ret.	Data				
	Des.	Element	<u>Name</u>			
	<u>Attributes</u>					
M	SI01	559	Agency Qualifier	Code	М	ID 2/2
			Code identifying th	e agency assigning the code values		
			TI	Telecommunications Industry		
M	SI02	1000	Service Characte	ristics Qualifier	M	AN 2/2
			Code from an indu characteristics	stry code list qualifying the type of ser	vice	
			SA	Service Activity		
			SF	Service Feature/Option		
			SG	Service Group		
M	SI03	234	Product/Service	ID	M	AN 1/48

Identifying number for a product or service

HA (LSR-112) = Hunt Group Activity

A = (DWS: N-New) C = (DWS: C-Change) D = (DWS: D-Remove)

V = (DWS: V-Conversion As Specified)

HNTYP (LSR-116) = Hunting Type Code

HTY004 = (DWS: 4-Multi-Line) HTY003 = (DWS: 5-Regular/Series)

HID (LSR-113) = Hunt Group Identifier

REF Reference Identification Segment:

Position: 1000

> Loop: PO1 Mandatory

Level: Detail Usage: Optional Max Use: >1

Purpose: To specify identifying information

Syntax Notes: 1 At least one of REF02 or REF03 is required.

"LOCNUM"

If either C04003 or C04004 is present, then the other is required. If either C04005 or C04006 is present, then the other is required.

Semantic Notes: REF04 contains data relating to the value cited in REF02.

Comments:

Notes: REF*IX*HNUM (LSR-110)*HNUM

REF*IX*LOCNUM (LSR-109)*LOCNUM

			Data Element Summary		
	Ref.	Data			
	Des.	Element	<u>Name</u>		
	<u>Attributes</u>				
M	REF01	128	Reference Identification Qualifier	M	ID 2/3
			Code qualifying the Reference Identification		
			IX Item Number		
	REF02	127	Reference Identification	X	AN 1/30
			Reference information as defined for a particular Transact specified by the Reference Identification Qualifier	on Se	et or as
			HNUM (LSR-110) = Hunt Number		
			LOCNUM (LSR-109) = Location Number		
	REF03	352	Description	X	AN 1/80
			A free-form description to clarify the related data elements content	and t	their
			"HNUM"		

Segment: SLN Subline Item Detail

Position: 4700

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.

If either SLN09 or SLN10 is present, then the other is required.
If either SLN11 or SLN12 is present, then the other is required.
If either SLN13 or SLN14 is present, then the other is required.
If either SLN15 or SLN16 is present, then the other is required.
If either SLN17 or SLN18 is present, then the other is required.
If either SLN19 or SLN20 is present, then the other is required.
If either SLN21 or SLN22 is present, then the other is required.
If either SLN23 or SLN24 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.

Notes: SLN*HNT*n*A*1*EA

Updated: March 11, 2002

	Ref.	Data			
	Des.	Element	<u>Name</u>		
	Attributes				
M	SLN01	350	Assigned Identification	M	AN 1/20
			Alphanumeric characters assigned for differentiation within transaction set	n a	
			"HNT"		
	SLN02	350	Assigned Identification	0	AN 1/20
			Alphanumeric characters assigned for differentiation within transaction set	ı a	
			"n" = nth assigned ID within SLN loop		
M	SLN03	662	Relationship Code	М	ID 1/1
			Code indicating the relationship between entities		
			A Add		
	SLN04	380	Quantity	X	R 1/15
			Numeric value of quantity		

			1 Always One	
	SLN05	C001	Composite Unit of Measure	X
М	C00101	355	To identify a composite unit of measure examples of use) Unit or Basis for Measurement Code	(See Figures Appendix for M ID 2/2
			Code specifying the units in which a value manner in which a measurement has bee EA Each	

Segment: N9 Reference Identification

Position: 5230

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:

Notes: N9*55*HTSEQ

Data Element Summary

Ref. Data Element Name Des. **Attributes** М Reference Identification Qualifier М ID 2/3 N901 128 Code qualifying the Reference Identification 55 Sequence Number N902 127

Reference Identification X AN 1/30
Reference information as defined for a particular Transaction Set or as

Reference information as defined for a particular transaction Set of

specified by the Reference Identification Qualifier

"HTSEQ"

MTX Text Segment:

Position: 5250

> N9 Optional Loop:

Level: Detail Usage: Optional Max Use: >1

Purpose: To specify textual data

Syntax Notes: 1 If MTX01 is present, then MTX02 is required.

If MTX03 is present, then MTX02 is required. If MTX05 is present, then MTX04 is required.

Semantic Notes: MTX05 is the number of lines to advance before printing. 1

Comments: If MTX04 is "AA - Advance the specific number of lines before print",

then MTX05 is required.

Notes: MTX**HTSEQ (LSR-118)

Data Element Summary

Ref. Data

Element Name Des.

Attributes

MTX02 1551 Χ AN 1/4096 **Message Text**

To transmit large volumes of message text

HTSEQ (LSR-118) = Hunting Sequence

Segment: PO1 Baseline Item Data - Multi-Line Hunting

Position: 0100

Loop: PO1 Mandatory

Level: Detail Usage: Mandatory

Max Use: 1

Purpose: To specify basic and most frequently used line item data

Syntax Notes: 1 If PO103 is present, then PO102 is required.

If PO105 is present, then PO104 is required.

If either PO106 or PO107 is present, then the other is required.
If either PO108 or PO109 is present, then the other is required.
If either PO110 or PO111 is present, then the other is required.
If either PO112 or PO113 is present, then the other is required.
If either PO114 or PO115 is present, then the other is required.
If either PO116 or PO117 is present, then the other is required.
If either PO118 or PO119 is present, then the other is required.
If either PO120 or PO121 is present, then the other is required.
If either PO122 or PO123 is present, then the other is required.
If either PO124 or PO125 is present, then the other is required.

Semantic Notes:

Updated: March 11, 2002

Comments: 1 See the Data Element Dictionary for a complete list of IDs.

2 PO101 is the line item identification.

3 PO106 through PO125 provide for ten different product/service IDs per each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No. Model No. or SIGL.

ISBN No., Model No., or SKU.

Notes: PO1*n*1*EA***ZZ*ML [If this segment appears, HNTYP (LSR-116) = 4]

Ref.	Data			
Des.	Element	<u>Name</u>		
<u>Attributes</u>				
PO101	350	Assigned Identification	0	AN 1/20
		Alphanumeric characters assigned for differentiation within transaction set	ı a	
		"n" = nth assigned ID within PO1 loop.		
PO102	330	Quantity Ordered	X	R 1/15
		Quantity ordered		
		1 Always One		
PO103	355	Unit or Basis for Measurement Code	0	ID 2/2
		Code specifying the units in which a value is being expression manner in which a measurement has been taken EA Each	sed, o	or
PO106	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive numbe Product/Service ID (234) ZZ Mutually Defined	r used	in
PO107	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		
		"ML"		

Segment: SI Service Characteristic Identification

Position: 0180

Loop: PO1 Mandatory

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.

If either SI06 or SI07 is present, then the other is required.
If either SI08 or SI09 is present, then the other is required.
If either SI10 or SI11 is present, then the other is required.
If either SI12 or SI13 is present, then the other is required.
If either SI14 or SI15 is present, then the other is required.
If either SI16 or SI17 is present, then the other is required.

8 If either SI20 or SI21 is present, then the other is required.
9 If either SI20 or SI21 is present, then the other is required.

Semantic Notes:

Comments: 1 Sl01 defines the source for each of the service characteristics

qualifiers.

Notes: SI*TI*SA*HA (LSR-112)

SI*TI*SG*HID (LSR-113) SI*TI*SF*HNTYP (LSR-116) SI*TI*TQ*TLI (LSR-115)

Data Element Summary

	Ref.	Data	Data Lioinont	ounimary ,		
	Des.	Element	Name			
	Attributes	Licinoni	<u>itailic</u>			
M	SI01	559	Agency Qualifier	Code	M	ID 2/2
			Code identifying th	ne agency assigning the code values		
			П	Telecommunications Industry		
М	SI02	1000	Service Characte	eristics Qualifier	M	AN 2/2
			Code from an indu	stry code list qualifying the type of serv	/ice	
			SA	Service Activity		
			SF	Service Feature/Option		
			SG	Service Group		
			TQ	Telephone Line Identifier		
M	SI03	234	Product/Service	ID .	M	AN 1/48
			Identifying number	for a product or service		
			HA (LSR-112) = H	unt Group Activity		
			A = (DWS: N-Ne			
			C = (DWS: C-C)	· · · · · · · · · · · · · · · · · · ·		
			D = (DWS: D-Re	•		
			v = (Dvv5: V-C	onversion As Specified)		
			HNTYP (LSR-116)	= Hunting Type Code		
			HTY004 = (DWS)	· · · · · · · · · · · · · · · · · · ·		
			HTY003 = (DWS	S: 5-Regular/Series)		

HID (LSR-113) = Hunt Group Identifier TLI (LSR-115) = Telephone Line Identifier Segment: **REF** Reference Identification

Position: 1000

Loop: PO1 Mandatory

Level: Detail
Usage: Optional
Max Use: >1

Purpose: To specify identifying information

Syntax Notes: 1 At least one of REF02 or REF03 is required.

If either C04003 or C04004 is present, then the other is required.
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:

Notes: REF*IX*HNUM (LSR-110)*HNUM

REF*IX*LOCNUM (LSR-109)*LOCNUM

Data Element Summary

			Data Element Summary		
	Ref.	Data			
	Des.	<u>Element</u>	<u>Name</u>		
	<u>Attributes</u>				
M	REF01	128	Reference Identification Qualifier	M	ID 2/3
			Code qualifying the Reference Identification		
			IX Item Number		
	REF02	127	Reference Identification	X	AN 1/30
			Reference information as defined for a particular Transac specified by the Reference Identification Qualifier	tion Se	et or as
			HNUM (LSR-110) = Hunt Number		
			LOCNUM (LSR-109) = Location Number		
	REF03	352	Description	X	AN 1/80
			A free-form description to clarify the related data element	s and	their

A free-form description to clarify the related data elements and their

content

"HNUM"
"LOCNUM"

SLN Subline Item Detail Segment:

Position: 4700

> Loop: SLN Optional

Level: Detail Optional Usage:

Max Use:

Purpose: To specify product subline detail item data

Syntax Notes: If either SLN04 or SLN05 is present, then the other is required. 1

> 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. If either SLN11 or SLN12 is present, then the other is required. If either SLN13 or SLN14 is present, then the other is required. If either SLN15 or SLN16 is present, then the other is required.

If either SLN17 or SLN18 is present, then the other is required. 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: SLN01 is the identifying number for the subline item.

> 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.

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.

> 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.

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.

SLN*MHNT*n*A*1*EA Notes:

Updated: March 11, 2002

	Ref.	Data			
	Des.	Element	<u>Name</u>		
	Attributes				
M	SLN01	350	Assigned Identification	M	AN 1/20
			Alphanumeric characters assigned for differentiation within transaction set	ı a	
			"MHNT"		
	SLN02	350	Assigned Identification	0	AN 1/20
			Alphanumeric characters assigned for differentiation within transaction set	ı a	
			"n" = nth assigned ID within SLN loop		
M	SLN03	662	Relationship Code	M	ID 1/1
			Code indicating the relationship between entities		
			A Add		
	SLN04	380	Quantity	X	R 1/15
			Numeric value of quantity		

			1 Always One	
	SLN05	C001	Composite Unit of Measure	X
M	C00101	355	To identify a composite unit of measure (Sexamples of use) Unit or Basis for Measurement Code	See Figures Appendix for M ID 2/2
			Code specifying the units in which a value manner in which a measurement has beer EA Each	

Segment: **N9** Reference Identification

Position: 5230

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:

Notes: N9*55*HTSEQ

Data Element Summary

Ref. Data

<u>Des. Element Name</u>

<u>Attributes</u>

M N901 128 Reference Identification Qualifier M ID 2/3

Code qualifying the Reference Identification
55 Sequence Number

N902 127 Reference Identification X AN 1/30

Reference information as defined for a particular Transaction Set or as

specified by the Reference Identification Qualifier

"HTSEQ"

Segment: MTX Text

Position: 5250

Loop: N9 Optional

Level: Detail
Usage: Optional
Max Use: >1

Purpose: To specify textual data

Syntax Notes: 1 If MTX01 is present, then MTX02 is required.

2 If MTX03 is present, then MTX02 is required.3 If MTX05 is present, then MTX04 is required.

Semantic Notes: 1 MTX05 is the number of lines to advance before printing.

Comments: 1 If MTX04 is "AA - Advance the specific number of lines before print",

then MTX05 is required.

Notes: MTX**HTSEQ (LSR-118)

Data Element Summary

Ref. Data

Des. Element Name

Attributes

MTX02 1551 Message Text X AN 1/4096

To transmit large volumes of message text

HTSEQ (LSR-118) = Hunting Sequence

Segment: PO1 Baseline Item Data - DL Form (Delivery

Address/Information Section)

Position: 0100

Loop: PO1 Mandatory

Level: Detail Usage: Mandatory

Max Use: 1

Purpose: To specify basic and most frequently used line item data

Syntax Notes: 1 If PO103 is present, then PO102 is required.

2 If PO105 is present, then PO104 is required.

If either PO106 or PO107 is present, then the other is required.
If either PO108 or PO109 is present, then the other is required.
If either PO110 or PO111 is present, then the other is required.
If either PO112 or PO113 is present, then the other is required.
If either PO114 or PO115 is present, then the other is required.
If either PO116 or PO117 is present, then the other is required.

If either PO114 or PO115 is present, then the other is required.

If either PO116 or PO117 is present, then the other is required.

If either PO118 or PO119 is present, then the other is required.

If either PO120 or PO121 is present, then the other is required.

If either PO122 or PO123 is present, then the other is required.

12 If either PO124 or PO125 is present, then the other is required.

Semantic Notes:

Updated: March 11, 2002

Comments: 1 See the Data Element Dictionary for a complete list of IDs.

2 PO101 is the line item identification.

3 PO106 through PO125 provide for ten different product/service IDs per each item. For example: Case, Color, Drawing No., U.P.C. No.,

ISBN No., Model No., or SKU.

Notes: PO1*n*1*EA***ZZ*DA [PO1 Loop repeats DDQTY (DL-23) times]

Ref.	Data			
Des.	<u>Element</u>	<u>Name</u>		
Attributes PO101	350	Assigned Identification Alphanumeric characters assigned for differentiation within transaction set	O i a	AN 1/20
		"n" = nth assigned ID within PO1 loop		
PO102	330	Quantity Ordered	Х	R 1/15
		Quantity ordered		
		1 Always One		
PO103	355	Unit or Basis for Measurement Code	0	ID 2/2
		Code specifying the units in which a value is being expres manner in which a measurement has been taken EA Each	sed, c	or
PO106	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number Product/Service ID (234) ZZ Mutually Defined	used	in
PO107	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		
		"DA"		

Segment: SI Service Characteristic Identification

Position: 0180

Loop: PO1 Mandatory

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.

If either SI06 or SI07 is present, then the other is required.
If either SI08 or SI09 is present, then the other is required.
If either SI10 or SI11 is present, then the other is required.
If either SI12 or SI13 is present, then the other is required.
If either SI14 or SI15 is present, then the other is required.
If either SI16 or SI17 is present, then the other is required.
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 Sl01 defines the source for each of the service characteristics

qualifiers.

Notes: SI*TI*AD*DACT (DL-81)

	Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	<u>Name</u>		
M	SI01	559	Agency Qualifier Code	M	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
M	SI02	1000	Service Characteristics Qualifier	M	AN 2/2
			Code from an industry code list qualifying the type of service characteristics	∕ice	
			AD Address Activity		
M	SI03	234	Product/Service ID	M	AN 1/48
			Identifying number for a product or service		
			DACT (DL-81) = Delivery Activity		

Segment: QTY Quantity

Position: 2930

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.

Only one of QTY02 or QTY04 may be present.

Semantic Notes: 1 QTY04 is used when the quantity is non-numeric.

Comments:

Notes: QTY*31*DIRQTYA (DL-103)*DY

Data Element Summary

	Ref.	Data	·			
	Des.	<u>Element</u>	<u>Name</u>			
	<u>Attributes</u>					
M	QTY01	673	Quantity Qualifier	M	ID 2/2	
			Code specifying the type of quantity			
			31 Additional Demand Quantity			
	QTY02	380	Quantity	Χ	R 1/15	
			Numeric value of quantity			
			DIRQTYA (DL-103) = Number of Directories for Annual De	elivery		
	QTY03	C001	Composite Unit of Measure	0		
			To identify a composite unit of measure (See Figures Apexamples of use)	pendix	for	
M	C00101	355	Unit or Basis for Measurement Code	M	ID 2/2	
			Code specifying the units in which a value is being expre manner in which a measurement has been taken DY Directory Books	ssed, (or	
			Niconala and alimanta michanala da licana da l			

Number of directory books delivered to customer

Segment: QTY Quantity

Position: 2930

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:

Notes: QTY*38*DIRQTYNC (DL-104)*DY

Data Element Summary

			zata ziomoni camma,		
	Ref. <u>Des.</u>	Data <u>Element</u>	<u>Name</u>		
	Attributes				
M	QTY01	673	Quantity Qualifier	M	ID 2/2
			Code specifying the type of quantity		
			38 Original Quantity		
	QTY02	380	Quantity	X	R 1/15
			Numeric value of quantity		
			DIRQTYNC (DL-104) = Number of Directories Delivered Connect	l on New	1
	QTY03	C001	Composite Unit of Measure	0	
			To identify a composite unit of measure (See Figures examples of use)	Appendix	x for
M	C00101	355	Unit or Basis for Measurement Code	M	ID 2/2
			Code enecifying the units in which a value is being ever	resed	or

Code specifying the units in which a value is being expressed, or

manner in which a measurement has been taken

DY Directory Books

Number of directory books delivered to customer

Name Segment:

Position: 3500

> N1 Loop: Optional

Level: Detail Usage: Optional

Max Use:

Purpose: To identify a party by type of organization, name, and code

Syntax Notes: At least one of N102 or N103 is required.

If either N103 or N104 is present, then the other is required.

Semantic Notes:

This segment, used alone, provides the most efficient method of Comments: 1

providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the

transaction processing party.

N105 and N106 further define the type of entity in N101.

N1*DA*DELNAME Notes:

Data Element Summary

Ref. Data Des. **Element Name Attributes** М **Entity Identifier Code** ID 2/3 N101 98 Code identifying an organizational entity, a physical location, property or an individual DA **Delivery Address** N102 93 Name X AN 1/60

Free-form name

"DELNAME"

N4 Geographic Location Segment:

Position: 3800

> N1 Loop: Optional

Level: Detail Usage: Optional

Max Use:

N403

116

Purpose: To specify the geographic place of the named party

Postal Code

Syntax Notes: 1 Only one of N402 or N407 may be present.

If N406 is present, then N405 is required. If N407 is present, then N404 is required.

Semantic Notes:

Comments: A combination of either N401 through N404, or N405 and N406 may

be adequate to specify a location.

2 N402 is required only if city name (N401) is in the U.S. or Canada.

N4**STATE (DL-99)*ZIP (DL-100) Notes:

Data Element Summary

Ref. Data Des. **Element Name Attributes** N402 156 Χ ID 2/2 State or Province Code Code (Standard State/Province) as defined by appropriate government agency STATE (DL-99) = State/Province ID 3/15

Code defining international postal zone code excluding punctuation and

blanks (zip code for United States)

ZIP (DL-100) = ZIP/Postal Code

0

Segment: NX2 Location ID Component

Position: 3850

Loop: N1 Optional

Level: Detail
Usage: Optional
Max Use: >1

Purpose: To define types and values of a geographic location

Syntax Notes: Semantic Notes: Comments:

Ref.

Notes: NX2*01*DDANO (DL-85)

Data

NX2*02*DDASN (DL-88) NX2*03*DDASD (DL-87) NX2*07*CITY (DL-98) NX2*18*DDALO (DL-90a) NX2*40*DDASS (DL-90) NX2*59*DDAPR (DL-84) NX2*61*DDASF (DL-86) NX2*62*DDATH (DL-89)

Data Element Summary

	Des.	Element	Name			
	Attributes					
M	NX201	1106	Address (Component Qualifier	M	ID 2/2
			Code quali	ifying the type of address component		
			01	Street Number		
			02	Street Name		
			03	Prefix Direction		
			07	City Name		
			18	Unstructured Mailing Address		
			40	Street Suffix		
			59	Street Number Low		
			61	Street Number Fraction		
			62	Street Name Suffix		
M	NX202	166	Address I	nformation	M	AN 1/55

Address information

DDANO (DL-85) = Delivery Address Number DDASN (DL-88) = Delivery Address Street Name

DDASD (DL-87) = Delivery Address Street Directional Prefix

CITY (DL-98) = City

DDALO (DL-90a) = Delivery Address Location

DDASS (DL-90) = Delivery Address Street Directional Suffix

DDAPR (DL-84) = Delivery Address Number Prefix DDASF (DL-86) = Delivery Address Number Suffix DDATH (DL-89) = Delivery Address Street Type Segment: Baseline Item Data - DL Form (Service Details Section)

Position: 0100

> Loop: PO1 Mandatory

Level: Detail Usage: Mandatory

Max Use:

Purpose: To specify basic and most frequently used line item data

Syntax Notes: If PO103 is present, then PO102 is required.

If PO105 is present, then PO104 is required.

3 If either PO106 or PO107 is present, then the other is required. If either PO108 or PO109 is present, then the other is required. If either PO110 or PO111 is present, then the other is required. If either PO112 or PO113 is present, then the other is required. If either PO114 or PO115 is present, then the other is required. If either PO116 or PO117 is present, then the other is required. If either PO118 or PO119 is present, then the other is required. 10 If either PO120 or PO121 is present, then the other is required. 11 If either PO122 or PO123 is present, then the other is required.

12 If either PO124 or PO125 is present, then the other is required.

Semantic Notes:

Updated: March 11, 2002

Comments: See the Data Element Dictionary for a complete list of IDs.

PO101 is the line item identification. 2

PO106 through PO125 provide for ten different product/service IDs per each item. For example: Case, Color, Drawing No., U.P.C. No.,

ISBN No., Model No., or SKU.

PO1*n*1*EA***ZZ*DL*SH*RTY (DL-12) [PO1 Loop may repeat] Notes:

Data Element Summary

Ref.	Data			
Des.	<u>Element</u>	<u>Name</u>		
<u>Attributes</u>				
PO101	350	Assigned Identification	0	AN 1/20
		Alphanumeric characters assigned for differentiation within transaction set	ı a	
		"n" = nth assigned ID within PO1 loop		
PO102	330	Quantity Ordered	X	R 1/15
		Quantity ordered		
		1 Always One		
PO103	355	Unit or Basis for Measurement Code	0	ID 2/2
		Code specifying the units in which a value is being expression manner in which a measurement has been taken EA Each	sed, o	or
PO106	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number Product/Service ID (234) ZZ Mutually Defined	r used	l in
PO107	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		
		"DL"		
PO108	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number	r used	l in

Product/Service ID (234)

SH Service Requested

A numeric or alphanumeric code from a list of

services available to the customer

PO109 234 Product/Service ID X AN 1/48

Identifying number for a product or service

RTY (DL-12) = Record Type

SI Service Characteristic Identification Segment: Position: 0180 Loop: PO1 Mandatory Level: Detail Usage: Optional Max Use: >1 Purpose: To specify service characteristic data **Syntax Notes:** If either SI04 or SI05 is present, then the other is required. 1 If either SI06 or SI07 is present, then the other is required. If either SI08 or SI09 is present, then the other is required. 3 If either SI10 or SI11 is present, then the other is required. If either SI12 or SI13 is present, then the other is required. 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. If either SI18 or SI19 is present, then the other is required. If either SI20 or SI21 is present, then the other is required. **Semantic Notes:** Comments: SI01 defines the source for each of the service characteristics qualifiers. Notes: SI*TI*LB*LACT (DL-10) SI*TI*LE*LTY (DL-13) SI*TI*TW*STYC (DL-15) SI*TI*BR*TOA (DL-16) SI*TI*DG*DOI (DL-17) SI*TI*DN*DIRNAME (DL-34) SI*TI*BO*BRO (DL-28) **Data Element Summary** Ref. Data Des. **Element Name Attributes** М **SI01** 559 **Agency Qualifier Code** М ID 2/2 Code identifying the agency assigning the code values Telecommunications Industry **SI02** 1000 AN 2/2 М Service Characteristics Qualifier М Code from an industry code list qualifying the type of service characteristics ВО Business/Residence Placement Override BR Directory Listings Type of Account DG Degree of Indent DN Directory Book Name LB Listing Activity Indicator LE Listing Type TW Style Code М **SI03** 234 М AN 1/48 Product/Service ID Identifying number for a product or service LACT (DL-10) = Listing Activity Indicator LTY (DL-13) = Listing Type STYC (DL-15) = Style Code TOA (DL-16) = Type of Account DOI (DL-17) = Degree of Indent DIRNAME (DL-34) = Directory Name BRO (DL-28) = Business/Residence Placement Override

Segment: PID Product/Item Description

Position: 0500

Loop: PID Optional

Level: Detail
Usage: Optional

Max Use: 1

Comments:

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

Syntax Notes: 1 If PID04 is present, then PID03 is required.

At least one of PID04 or PID05 is required.
If PID07 is present, then PID03 is required.
If PID08 is present, then PID04 is required.
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.

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.

Notes: PID*S**TI*AR***SO-RSQ*OMTN (DL-41)

ΑT

AW

PID*S**TI*AS***SO-RSQ*LNPL (DL-44) PID*S**TI*AT***SO-RSQ*ADI (DL-61) PID*S**TI*AW***SO-RSQ*DML (DL-25) PID*S**TI*AX***SO-RSQ*NOSL (DL-26) PID*S**TI*AY***SO-RSQ*TMKT (DL-27) PID*S**TI*BA***SO-RSQ*PROF (DL-32)

Data Element Summary

	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>	·		
M	PID01	349	Item Des	cription Type	M	ID 1/1
			Code indi	cating the format of a description		
			S	Structured (From Industry Code List)		
	PID03	559	Agency C	Qualifier Code	X	ID 2/2
			Code iden	tifying the agency assigning the code values		
			TI	Telecommunications Industry		
	PID04	751	Product [Description Code	X	AN 1/12
				om an industry code list which provides specific haracteristic	data	about a
			AR	Omit Telephone Number		
			AS	Listed Name Placement		

Address Indicator

Direct Mail List

AX No Solicitation Indicator

AY Telemarketing

BA Professional Identifier

PID07 822 Source Subqualifier

O AN 1/15

A reference that indicates the table or text maintained by the Source

Qualifier

SO-RSQ Service Order - Reseller Questions list

PID08 1073 Yes/No Condition or Response Code

ID 1/1

Code indicating a Yes or No condition or response

OMTN (DL-41) = Omit TN Y=(DWS: O-Omit)

Blank=(DWS: Blank-Do Not Omit)

LNPL (DL-44) = Letter Name Placement

Y=(DWS: L-Letter Placement)

Blank=(DWS: Blank-Default to Word Placement)

ADI (DL-61) = Address Indicator

Y=(DWS: O-Omit in DA and Directory)
Blank=(DWS: Blank-Do Not Omit)

DML (DL-25) = Direct Mail List

Y=(DWS: O-Omit)

Blank=(DWS: Blank-Do Not Omit)

TMKT (DL-27) = Telemarketing

Y=(DWS: O-Omit From Telemarketing)
Blank=(DWS: Blank-Do Not Omit)

NOSL (DL-26) = No Solicitation Indicator PROF (DL-32) = Professional Identifier Segment: REF Reference Identification

Position: 1000

Loop: PO1 Mandatory

Level: Detail
Usage: Optional
Max Use: >1

Purpose: To specify identifying information

Syntax Notes: 1 At least one of REF02 or REF03 is required.

If either C04003 or C04004 is present, then the other is required.
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:

Notes: REF*LI*ALI (DL-11)

Data Element Summary

Data Ref. **Element Name** Des. **Attributes** М REF01 128 Reference Identification Qualifier ID 2/3 М Code qualifying the Reference Identification LI Line Item Identifier (Seller's) REF02 127 **Reference Identification** Χ AN 1/30 Reference information as defined for a particular Transaction Set or as

specified by the Reference Identification Qualifier ALI (DL-11) = Alpha/Numeric Listing Identifier Code

Segment: **N9** Reference Identification

Position: 3300

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:

Notes: N9*82*PLA

Data Element Summary

Ref. Data

Des. Element Name

<u>Attributes</u>

M N901 128 Reference Identification Qualifier M ID 2/3

Code qualifying the Reference Identification

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

N902 127 Reference Identification X AN 1/30

Reference information as defined for a particular Transaction Set or as

specified by the Reference Identification Qualifier

"PLA"

Segment: MTX Text

Position: 3400

Loop: N9 Optional

Level: Detail
Usage: Optional
Max Use: >1

Purpose: To specify textual data

Syntax Notes: 1 If MTX01 is present, then MTX02 is required.

If MTX03 is present, then MTX02 is required.If MTX05 is present, then MTX04 is required.

Semantic Notes: 1 MTX05 is the number of lines to advance before printing.

Comments: 1 If MTX04 is "AA - Advance the specific number of lines before print",

then MTX05 is required.

Notes: MTX**PLA (DL-55)

Data Element Summary

Ref. Data

Des. Element Name

Attributes

MTX02 1551 Message Text X AN 1/4096

To transmit large volumes of message text

PLA (DL-55) = Place Listing As

Segment: N9 Reference Identification

Position: 3300

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:

Notes: N9*82*LTXTY*LTXTY (DL-57)

Data Element Summary

	Ref.	Data			
	Des.	Element	<u>Name</u>		
	<u>Attributes</u>				
M	N901	128	Reference Identification Qualifier	M	ID 2/3
			Code qualifying the Reference Identification		
			82 Data Item Description (DID) Re	ference	
			Specific data elements that the a contractor to provide and are specific requirement document	spelled out	
	N902	127	Reference Identification	X	AN 1/30
			Reference information as defined for a particular Tr specified by the Reference Identification Qualifier	ansaction S	et or as
			"LTXTY"		
	N903	369	Free-form Description	X	AN 1/45
			Free-form descriptive text		

LTXTY (DL-57) = Listing Text Type

Segment: MTX Text

Position: 3400

Loop: N9 Optional

Level: Detail
Usage: Optional
Max Use: >1

Purpose: To specify textual data

Syntax Notes: 1 If MTX01 is present, then MTX02 is required.

If MTX03 is present, then MTX02 is required.If MTX05 is present, then MTX04 is required.

Semantic Notes: 1 MTX05 is the number of lines to advance before printing.

Comments: 1 If MTX04 is "AA - Advance the specific number of lines before print",

then MTX05 is required.

Notes: MTX**LTEXT (DL-59)

Data Element Summary

Ref. Data

Des. Element Name

Attributes

MTX02 1551 Message Text X AN 1/4096

To transmit large volumes of message text

LTEXT (DL-59) = Line of Text

Segment: **N9** Reference Identification

Position: 3300

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:

Notes: N9*H7*ORI*DL

	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>			
M	N901	128	Reference	Identification Qualifier	M	ID 2/3
			Code qualify	ying the Reference Identification		
			H7	Standard Clause		
	N902	127	Reference	Identification	X	AN 1/30
				nformation as defined for a particular Trans the Reference Identification Qualifier Order Instructions	action S	Set or as
	N903	369		Description	Х	AN 1/45
	11000	000		lescriptive text	Α	7.11 17-10
			"DL"			

Segment: MTX Text

Position: 3400

Loop: N9 Optional

Level: Detail
Usage: Optional
Max Use: >1

Purpose: To specify textual data

Syntax Notes: 1 If MTX01 is present, then MTX02 is required.

If MTX03 is present, then MTX02 is required.If MTX05 is present, then MTX04 is required.

Semantic Notes: 1 MTX05 is the number of lines to advance before printing.

Comments: 1 If MTX04 is "AA - Advance the specific number of lines before print",

then MTX05 is required.

Notes: MTX**REMARKS (DL-113)

Data Element Summary

Ref. Data

Des. Element Name

Attributes

MTX02 1551 Message Text X AN 1/4096

To transmit large volumes of message text

REMARKS (DL-113) = Remarks

Name Segment:

Position: 3500

> N1 Loop: Optional

Level: Detail Usage: Optional

Max Use:

Purpose: To identify a party by type of organization, name, and code

Syntax Notes: At least one of N102 or N103 is required.

If either N103 or N104 is present, then the other is required.

Semantic Notes:

This segment, used alone, provides the most efficient method of Comments: 1 providing organizational identification. To obtain this efficiency the

"ID Code" (N104) must provide a key to the table maintained by the

transaction processing party.

N105 and N106 further define the type of entity in N101.

N1*DH*LISTINGS Notes:

Data Element Summary

Ref. Data Des. **Element Name Attributes** М **Entity Identifier Code** ID 2/3 N101 98 Code identifying an organizational entity, a physical location, property or an individual DH Doing Business As N102 93 Name X AN 1/60 Free-form name

"LISTINGS"

IN2 Individual Name Structure Components Segment:

Position: 3650

> Loop: N1 Optional

Level: Detail Usage: Optional Max Use: >1

Purpose: To sequence individual name components for maximum specificity

Syntax Notes: Semantic Notes: Comments:

Updated: March 11, 2002

Notes: IN2*01*TITLE1 (DL-49)*TITLE1

IN2*01*TITLE1D (DL-52)*TITLE1D IN2*02*LNFN (DL-46)*LNFN (DL-46)

IN2*05*LNLN (DL-45) IN2*10*TL (DL-48)*TL IN2*10*TLD (DL-51)*TLD IN2*12*DESD (DL-50a)*DESD

IN2*18*NICK (DL-54) IN2*21*DES (DL-47)

	Ref.	Data	Data Liellie	ant Summary		
	Des.	Element	Name			
	<u>Attributes</u>					
M	IN201	1104	Name Compo	nent Qualifier	М	ID 2/2
			Code identifyin	g the type of name component		
			01	Prefix		
			02	First Name		
			05	Last Name		
			10	Generation		
			12	Combined (Unstructured) Name		
			18	Preferred First Name or Nickname		
			21	Professional Title		
M	IN202	93	Name		M	AN 1/60
			Free-form name	e		
	INOO	22	TITLE1D (DL-5: LNFN (DL-46) : LNLN (DL-45) = TL (DL-48) = Ti TLD (DL-51) = DESD (DL-50a NICK (DL-54) = DES (DL-47) =	Title of Lineage for Dual Name) = Designation for Dual Name = Nickname		AN 4/00
	IN203	93	Name		0	AN 1/60
			Free-form name	*		
			LNFN (DL-46) : "TITLE1" "TILE1D" "TL" "TLD" "DESD"	= Listed Name First		

Segment: N4 Geographic Location

Position: 3800

Loop: N1 Optional

Level: Detail Usage: Optional

Max Use: 1

Purpose: To specify the geographic place of the named party

Syntax Notes: 1 Only one of N402 or N407 may be present.

If N406 is present, then N405 is required.
If N407 is present, then N404 is required.

Semantic Notes:

Comments: 1 A combination of either N401 through N404, or N405 and N406 may

be adequate to specify a location.

2 N402 is required only if city name (N401) is in the U.S. or Canada.

Notes: N4**LAST (DL-71)

Data Element Summary

Ref. Data

Des. Element Name

Attributes

N402 156 State or Province Code X ID 2/2

Code (Standard State/Province) as defined by appropriate government

agency

LAST (DL-71) = Listed Address State/Province

142

Segment: NX2 Location ID Component

Position: 3850

Loop: N1 Optional

Level: Detail
Usage: Optional
Max Use: >1

Purpose: To define types and values of a geographic location

Syntax Notes: Semantic Notes: Comments:

nments: Notes:

NX2*01*LANO (DL-63) NX2*02*LASN (DL-66) NX2*03*LASD (DL-65) NX2*07*LALOC (DL-70) NX2*18*LALO (DL-69) NX2*40*LASS (DL-68) NX2*59*LAPR (DL-62) NX2*61*LASF (DL-64)

NX2*62*LATH (DL-67)

Data Element Summary

Ref. Data

<u>Des.</u> <u>Element Name</u>

Attributes

M NX201 1106 Address Component Qualifier M ID 2/2

Code qualifying the type of address component

01 Street Number 02 Street Name 03 Prefix Direction 07 City Name

18 Unstructured Mailing Address

40 Street Suffix
59 Street Number Low
61 Street Number Fraction

62 Street Name Suffix

M NX202 166 Address Information
Address information

ess Information M AN 1/55

LANG (DL 60) Li t L

LANO (DL-63) = Listed Address Number LASN (DL-66) = Listed Address Street Name

LASD (DL-65) = Listed Address Street Directional Prefix

LALOC (DL-70) = Listed Address Locality LALO (DL-69) = Listed Address Location

LASS (DL-68) = Listed Address Street Directional Suffix

LAPR (DL-62) = Listed Address Number Prefix LASF (DL-64) = Listed Address Number Suffix LATH (DL-67) = Listed Address Street Type Segment: SI Service Characteristic Identification

Position: 4050

Loop: N1 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.

If either SI06 or SI07 is present, then the other is required.
If either SI08 or SI09 is present, then the other is required.
If either SI10 or SI11 is present, then the other is required.
If either SI12 or SI13 is present, then the other is required.
If either SI14 or SI15 is present, then the other is required.
If either SI16 or SI17 is present, then the other is required.

If either SI18 or SI19 is present, then the other is required. If either SI20 or SI21 is present, then the other is required.

Semantic Notes:

Comments: 1 Sl01 defines the source for each of the service characteristics

qualifiers.

Notes: SI*TI*TN*LTN (DL-39)

SI*TI*NS*NSTN (DL-40)

	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>	•		
M	SI01	559	Agency Qualifier	Code	M	ID 2/2
			Code identifying th	ne agency assigning the code values		
			П	Telecommunications Industry		
M	SI02	1000	Service Characte	eristics Qualifier	M	AN 2/2
			Code from an inducharacteristics	ustry code list qualifying the type of serv	/ice	
			NS	Non-Standard Telephone Number		
			TN	Telephone Number		
M	SI03	234	Product/Service	ID	M	AN 1/48
			Identifying number	for a product or service		
			. ' . '	ed Telephone Number on Standard Telephone Number		

Segment: PO1 Baseline Item Data - Dummy (DD)

Position: 0100

Loop: PO1 Mandatory

Level: Detail Usage: Mandatory

Max Use: 1

Purpose: To specify basic and most frequently used line item data

Syntax Notes: 1 If PO103 is present, then PO102 is required.

2 If PO105 is present, then PO104 is required.

If either PO106 or PO107 is present, then the other is required.
If either PO108 or PO109 is present, then the other is required.
If either PO110 or PO111 is present, then the other is required.
If either PO112 or PO113 is present, then the other is required.
If either PO114 or PO115 is present, then the other is required.
If either PO116 or PO117 is present, then the other is required.
If either PO118 or PO119 is present, then the other is required.
If either PO120 or PO121 is present, then the other is required.
If either PO122 or PO123 is present, then the other is required.
If either PO124 or PO125 is present, then the other is required.

Semantic Notes:

Updated: March 11, 2002

Comments: 1 See the Data Element Dictionary for a complete list of IDs.

2 PO101 is the line item identification.

3 PO106 through PO125 provide for ten different product/service IDs per each item. For example: Case, Color, Drawing No., U.P.C. No.,

ISBN No., Model No., or SKU.

Notes: PO1*DUMMY*1*EA***ZZ*DD

Ref.	Data			
Des.	Element	<u>Name</u>		
<u>Attributes</u>				
PO101	350	Assigned Identification	0	AN 1/20
		Alphanumeric characters assigned for differentiation within transaction set	а	
		"DUMMY"		
PO102	330	Quantity Ordered	Χ	R 1/15
		Quantity ordered		
		1 Always One		
PO103	355	Unit or Basis for Measurement Code	0	ID 2/2
		Code specifying the units in which a value is being expres manner in which a measurement has been taken EA Each	sed, o	or
PO106	235	Product/Service ID Qualifier	Χ	ID 2/2
		Code identifying the type/source of the descriptive number Product/Service ID (234) ZZ Mutually Defined	used	in
PO107	234	Product/Service ID	Χ	AN 1/48
		Identifying number for a product or service		
		"DD"		

Segment: CTT Transaction Totals

Position: 0100

Loop: CTT Optional

Level: Summary Usage: Optional

Max Use: 1

Purpose: To transmit a hash total for a specific element in the transaction setSyntax Notes: 1 If either CTT03 or CTT04 is present, then the other is required.

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.

Notes: CTT*Number of PO1 segments

Data Element Summary

Ref. Data

Des. Element Name

Attributes
M CTT01 354 Number of Line Items

M N0 1/6

Total number of line items in the transaction set

Segment: **SE** Transaction Set Trailer

Position: 0300

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:

Updated: March 11, 2002

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

Notes: SE*Number of Segments*TRAN SET CONTROL #

	D . (D	Data Elomont Gammary				
	Ref.	Data					
	Des.	Element	<u>Name</u>				
	Attributes						
M	SE01	96	Number of Included Segments	M	N0 1/10		
			Total number of segments included in a transaction set in and SE segments	ncludi	ng ST		
M	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				

Functional Group ID=**PC**

Introduction:

The 860PBX will be used by the Co-Provider to change or cancel an 850PBX service request to Qwest.

This implementation guideline references the following:

- 1. ANSI ASC X12 Version 4020
- 2. LSOG 5 and Qwest assigned fields
- 3. TCIF/SOSC Guidelines, ELMS 5

Notes:

This 860 Transaction includes the mappings for Local Service Request, End User, Resale and Directory Listing.

Heading:

	Pos. <u>No.</u>	Seg. <u>ID</u>	<u>Name</u>	Req. <u>Des.</u>	Max.Use	Loop Notes and RepeatComments
М	0100	ST	Transaction Set Header	М	1	
M	0200	BCH	Beginning Segment for Purchase Order Change	М	1	
	0500	REF	Reference Identification	Ο	>1	
	0950	PAM	Period Amount	0	10	
			LOOP ID - SAC			25
	1200	SAC	Service, Promotion, Allowance, or Charge Information	0	1	
	1500	DTM	Date/Time Reference	0	10	
	1850	SI	Service Characteristic Identification	0	>1	
	1900	PID	Product/Item Description	0	200	
			LOOP ID - N9			1000
	2850	N9	Reference Identification	0	1	
	2900	MTX	Text	0	>1	
			LOOP ID - N9			1000
	2850	N9	Reference Identification	0	1	
	2900	MTX	Text	0	>1	
			LOOP ID - N9			1000
	2850	N9	Reference Identification	0	1	
	2900	MTX	Text	0	>1	
			LOOP ID - N1			200
	3000	N1	Name	0	1	

3500	PER	Administrative Communications Contact	0	>1		
		LOOP ID - N1			200	
3000	N1	Name	0	1		
		LOOP ID - N1			200	
3000	N1	Name	0	1		
3100	N2	Additional Name Information	0	2		
3300	N4	Geographic Location	0	>1		
3350	NX2	Location ID Component	0	>1		
3550	SI	Service Characteristic Identification	0	>1		

Detail:

Pos. <u>No.</u>	Seg. <u>ID</u>	<u>Name</u>	Req. <u>Des.</u>	Max.Use	Loop Notes and RepeatComments	
		LOOP ID - POC			>1	
0100	POC	Line Item Change - End User Form (Location and Access Section)	0	1		
0180	SI	Service Characteristic Identification	0	>1		
		LOOP ID - PID			1000	
0500	PID	Product/Item Description	0	1		1
1000	REF	Reference Identification	0	>1		
		LOOP ID - N9			1000	
3200	N9	Reference Identification	0	1		1
3260	MTX	Text	0	>1		
		LOOP ID - N1			200	Ī
3400	N1	Name	0	1		1
3700	N4	Geographic Location	Ο	1		
3750	NX2	Location ID Component	0	>1		
3900	PER	Administrative Communications Contact	Ο	3		
3950	SI	Service Characteristic Identification	0	>1		
		LOOP ID - POC			>1	
0100	POC	Line Item Change - End User Form	0	1		
0180	SI	(Disconnect Information Section) Service Characteristic Identification	0	>1		
1000	REF	Reference Identification	0	>1		
2000	DTM	Date/Time Reference	0	10		
		LOOP ID - SLN			>1	
4600	SLN	Subline Item Detail	0	1		1
4700	SI	Service Characteristic Identification	0	>1		
		LOOP ID - N1			10	
5360	N1	Name	0	1		
5700	REF	Reference Identification	0	12		
		LOOP ID - SLN			>1	
4600	SLN	Subline Item Detail	0	1		
4700	SI	Service Characteristic Identification	0	>1		
		LOOP ID - N1			10	

Sabo							
	360 1	N1	Name	0	1		1
100	700 F	REF	Reference Identification	0	12		
100			LOOP ID - POC			>1	
Service Detail Section Service Detail Section Coop ID - PID 1000	100 F	POC		0	1		
ICOP ID - PID			(Service Detail Section)				
0500 PID Product/Item Description 0 1 1000 REF Reference Identification 0 >1 2000 DTM Date/Time Reference 0 10 3400 N1 Name 0 1 3400 N1 Name 0 1 3400 N1 Name 0 1 4600 SLN Subline Item Detail 0 1 4700 SI Service Characteristic Identification 0 1 5360 NI Name 0 1 5700 REF Reference Identification 0 12 100P ID - SLN 3 1 1 4600 SLN Subline Item Detail 0 1 4700 SI Service Characteristic Identification 0 12 100P ID - SLN 3 1 1 4600 SLN Subline Item Detail 0 1 4700 SI	180 3	SI		<u> </u>	>1	1000	
Note		DID		0	4	1000	
Date/Time Reference O	500 I	PID	Product/Item Description	0	1		
LOOP ID - Nf	000 F	REF	Reference Identification	0	>1		
No. No. Name	000	DTM		0	10		
COPID - N1			LOOP ID - N1			200	
Name	400 1	N1	Name	0	1		
COP ID - SLN			LOOP ID - N1			200	
SLN Subline Item Detail O	400 1	N1	Name	0	1		
SLN Subline Item Detail O			LOOPID - SLN			\ 1	
4700 SI Service Characteristic Identification O >1 LOOP ID - N1 10 10 5360 N1 Name O 1 5700 REF Reference Identification O 12 LOOP ID - SLN >1 1 4600 SLN Subline Item Detail O 1 5700 REF Reference Identification O 1 5700 REF Reference Identification O 1 4600 SLN Subline Item Detail O 1 4600 SLN Subline Item Detail O 1 4700 SI Service Characteristic Identification O >1 4600 SLN Subline Item Detail O 1 4700 SI Service Characteristic Identification O >1 4700 SI Service Characteristic Identification O >1 1000 POC Line Item Change - Regular Hunting O 1 <td>600 9</td> <td>SLN</td> <td></td> <td>0</td> <td>1</td> <td>~1</td> <td></td>	600 9	SLN		0	1	~1	
LOOP ID - N1		_					
Sand		.				10	
STOOL REF Reference Identification O	360 1	N1		0	1	10	
LOOP ID - SLN Subline Item Detail O				-			
4600 SLN Subline Item Detail 0 1 4700 SI Service Characteristic Identification 0 >1 15360 Nt Name 0 1 5700 REF Reference Identification 0 12 100P ID - SLN >1 >1 4600 SLN Subline Item Detail 0 1 4600 SLN Subline Item Detail 0 1 4700 SI Service Characteristic Identification 0 >1 4600 SLN Subline Item Detail 0 1 4700 SI Service Characteristic Identification 0 >1 4700 SI Service Characteristic Identification 0 >1 1000 POC Line Item Change - Regular Hunting 0 1 1000 REF Reference Identification 0 >1 1000 REF Reference Identification 0 >1 1000 Incop ID - Ng >1		-				4	
Service Characteristic Identification O >1	000 (OL NI			4	>1	
LOOP ID - N1					-		
Name	700 3	S I		0	>1	40	
REF Reference Identification O 12	260 1	М		0	1	10	
LOOP ID - SLN							
Subline Item Detail O	700 I	KEF		0	12		
LOOP ID - SLN Subline Item Detail O						>1	
4600 SLN Subline Item Detail O 1 4700 SI Service Characteristic Identification O >1 4600 SLN Subline Item Detail O 1 4700 SI Service Characteristic Identification O >1 0100 POC Line Item Change - Regular Hunting O 1 0180 SI Service Characteristic Identification O >1 1000 REF Reference Identification O >1 4600 SLN Subline Item Detail O 1 LOOP ID - N9 >1 >1 5230 N9 Reference Identification O 1 5250 MITX Text O >1	600	SLN	Subline Item Detail	0	1		
Service Characteristic Identification O >1			LOOP ID - SLN			>1	
LOOP ID - SLN	600	SLN	Subline Item Detail	0	1		
4600 SLN Subline Item Detail O 1 4700 SI Service Characteristic Identification O >1 LOOP ID - POC >1 0100 POC Line Item Change - Regular Hunting O 1 0180 SI Service Characteristic Identification O >1 1000 REF Reference Identification O >1 LOOP ID - SLN >1 >1 4600 SLN Subline Item Detail O 1 LOOP ID - N9 >1 5230 N9 Reference Identification O 1 5250 MTX Text O >1	700	SI	Service Characteristic Identification	0	>1		
4700 SI Service Characteristic Identification O >1 LOOP ID - POC >1 >1 0100 POC Line Item Change - Regular Hunting O 1 0180 SI Service Characteristic Identification O >1 1000 REF Reference Identification O >1 LOOP ID - SLN >1 >1 4600 SLN Subline Item Detail O 1 LOOP ID - N9 >1 >1 5230 N9 Reference Identification O 1 5250 MTX Text O >1			LOOP ID - SLN			>1	
4700 SI Service Characteristic Identification O >1 LOOP ID - POC >1 >1 0100 POC Line Item Change - Regular Hunting O 1 0180 SI Service Characteristic Identification O >1 1000 REF Reference Identification O >1 LOOP ID - SLN >1 >1 4600 SLN Subline Item Detail O 1 LOOP ID - N9 >1 >1 5230 N9 Reference Identification O 1 5250 MTX Text O >1	600	SLN		0	1	_	
0100 POC Line Item Change - Regular Hunting O 1 0180 SI Service Characteristic Identification O >1 1000 REF Reference Identification O >1 LOOP ID - SLN >1 >1 4600 SLN Subline Item Detail O 1 LOOP ID - N9 >1 >1 5230 N9 Reference Identification O 1 5250 MTX Text O >1			Service Characteristic Identification	0	>1		
0100 POC Line Item Change - Regular Hunting O 1 0180 SI Service Characteristic Identification O >1 1000 REF Reference Identification O >1 LOOP ID - SLN >1 >1 4600 SLN Subline Item Detail O 1 LOOP ID - N9 >1 >1 5230 N9 Reference Identification O 1 5250 MTX Text O >1			LOOP ID - POC			>1	
0180 SI Service Characteristic Identification O >1 1000 REF Reference Identification O >1 LOOP ID - SLN >1 >1 4600 SLN Subline Item Detail O 1 LOOP ID - N9 >1 >1 5230 N9 Reference Identification O 1 5250 MTX Text O >1	100 [DOC		0	1	>1	
1000 REF Reference Identification O >1 LOOP ID - SLN >1 >1 4600 SLN Subline Item Detail O 1 LOOP ID - N9 >1 >1 5230 N9 Reference Identification O 1 5250 MTX Text O >1							
LOOP ID - SLN >1 4600 SLN Subline Item Detail O 1 LOOP ID - N9 >1 5230 N9 Reference Identification O 1 5250 MTX Text O >1							
4600 SLN Subline Item Detail O 1 LOOP ID - N9 >1 5230 N9 Reference Identification O 1 5250 MTX Text O >1	UUU I	KEF		<u> </u>	>1	<u>. 1</u>	
LOOP ID - N9 >1 5230 N9 Reference Identification O 1 5250 MTX Text O >1	600 9	SI NI		0	1	>1	
5230 N9 Reference Identification O 1 5250 MTX Text O >1	000	OLIN		<u> </u>	ı	. 1	
5250 MTX Text O >1	220 1	NO		0	1	>1	
	∠3U ľ	IVIIĀ		<u> </u>	>1		
LOOP ID - POC >1			LOOP ID - POC			>1	

0100	POC	Line Item Change - Multi-line Hunting	0	1		
0180	SI	Service Characteristic Identification	0	>1		
1000	REF	Reference Identification	0	>1		
		LOOP ID - SLN			>1	
4600	SLN	Subline Item Detail	0	1		
		LOOP ID - N9			>1	
5230	N9	Reference Identification	0	1		
5250	MTX	Text	0	>1		
		LOOP ID - POC			>1	
0100	POC	Line Item Change - DL Form (Delivery	0	1		
0180	SI	Address/Information Section) Service Characteristic Identification	0	>1		
		LOOP ID - QTY			>1	
2930	QTY	Quantity	0	1		
		LOOP ID - QTY			. 1	
2930	QTY	Quantity	0	1	>1	
2930	QII	-				
		LOOP ID - N1			200	
3400	N1	Name	0	1		
3700	N4	Geographic Location	0	1		
3750	NX2	Location ID Component	0	>1		
		LOOP ID - POC			>1	
0100	POC	Line Item Change - DL Form (Service	0	1		
0180	SI	Details Section) Service Characteristic Identification	0	>1		
		LOOP ID - PID			1000	
0500	PID	Product/Item Description	0	1		
1000	REF	Reference Identification	0	>1		
		LOOP ID - N9			1000	
3200	N9	Reference Identification	0	1		
3260	MTX	Text	0	>1		
		LOOP ID - N9			1000	
3200	N9	Reference Identification	0	1		
3260	MTX	Text	0	>1		
		LOOP ID - N9			1000	
3200	N9	Reference Identification	0	1	1000	
3260	MTX	Text	0	>1		
3200	WIIX					
0.455		LOOP ID - N1			200	
3400	N1	Name	0	1		
3550	IN2	Individual Name Structure Components	0	>1		
3700	N4	Geographic Location	0	1		
3750	NX2	Location ID Component	0	>1		
3950	SI	Service Characteristic Identification	0	>1		

Summary:

Pos. Seg. Req. Loop Notes and

	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des</u> .	Max.Use	Max.Use RepeatComments	
			LOOP ID - CTT			1	
	0100	CTT	Transaction Totals	0	1	n1	
M	0300	SE	Transaction Set Trailer	М	1		

Transaction Set Notes

1. 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.

Segment: **ST** Transaction Set Header

Position: 0100

Loop:

Level: Heading Usage: Mandatory

Max Use:

Purpose: To ind

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).
- 2 The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition.

Comments:

Updated: March 11, 2002

Notes: ST*860*TRAN SET CONTROL #

			Dala Elelli	eni Summary		
	Ref.	Data				
	Des.	Element	<u>Name</u>			
	Attributes					
M	ST01	143	Transaction	Set Identifier Code	M	ID 3/3
			Code uniquely	identifying a Transaction Set		
			860	Purchase Order Change Request -	Buyer I	nitiated
M	ST02	329	Transaction	Set Control Number	M	AN 4/9
			, ,	ntrol number that must be unique within t group assigned by the originator for a tra		

Segment: BCH Beginning Segment for Purchase Order Change

Position: 0200

Loop:

Level: Heading Usage: Mandatory

Max Use:

Purpose: To indicate the beginning of the Purchase Order Change Transaction Set

and transmit identifying numbers and dates

Syntax Notes:

Semantic Notes: 1 BCH06 is the date assigned by the purchaser to purchase order.

2 BCH09 is the seller's order number.

3 BCH10 is the date assigned by the sender to the acknowledgment.

4 BCH11 is the date of the purchase order change request.

Comments:

Notes: BCH*SUP (LSR-25)*SS*PON (LSR-2)**VER (LSR-3)*PO Date (See Trading

Partner Access Information)

	Ref.	Data	•		
	Des.	Element	<u>Name</u>		
NA.	<u>Attributes</u>	252	Transaction Cot Durmana Code	R.A	ID 0/0
M	BCH01	353	Transaction Set Purpose Code	M	ID 2/2
			Code identifying purpose of transaction set		
			SUP (LSR-25) = Supplement Type		
			01 = (DWS: 1 - Cancel)		
			04 = (DWS: 2 - DDD - Change) 05 = (DWS: 3 - Other)		
			01 Cancellation		
			04 Change		
			05 Replace		
M	BCH02	92	Purchase Order Type Code	M	ID 2/2
			Code specifying the type of Purchase Order		
			SS Supply or Service Order		
M	BCH03	324	Purchase Order Number	M	AN 1/22
			Identifying number for Purchase Order assigned by the orderer/purchaser		
			PON (LSR-2) = Purchase Order Number		
	BCH05	327	Change Order Sequence Number	0	AN 1/8
			Number assigned by the orderer identifying a specific char revision to a previously transmitted transaction set VER (LSR-3) = Version Identification	∩ge or	
M	BCH06	373	Date	M	DT 8/8
			Date expressed as CCYYMMDD		
			PO Date = Purchase Order Date (See Trading Partner Ad Information)	cess	

Segment: REF Reference Identification

Position: 0500

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.

If either C04003 or C04004 is present, then the other is required.
If either C04005 or C04006 is present, then the other is required.

REF04 contains data relating to the value cited in REF02.

Semantic Notes:

Updated: March 11, 2002

Comments:

Notes: REF*11*AN (LSR-7)*AN

REF*11*EAN (EU-40)*EAN REF*AO*APT CON (LSR-15a) REF*JB*PROJECT (LSR-20) REF*SU*RTR (LSR-28)*RTR REF*CO*RPON (LSR-51)*RPON REF*1V*RORD (LSR-52)*RORD REF*12*BAN1 (LSR-61)*BAN1

Data Element Summary

	Ref.	Data				
	Des.	Element	<u>Name</u>			
	<u>Attributes</u>					
M	REF01	128	Reference Identif	ication Qualifier	M	ID 2/3
			Code qualifying the	Reference Identification		
			11	Account Number		
				Number identifies a telecommunicati	ons in	dustry
				account		
			12	Billing Account		
				Account number under which billing	is rend	ered
			1V	Related Vendor Order Number		
				A vendor's order number that is in ac primary order number	dition	to a
			AO	Appointment Number		
			CO	Customer Order Number		
			JB	Job (Project) Number		
			SU	Special Processing Code		
				Unique code identifying the special has requirements for the claim	andlin	g
	REF02	127	Reference Identif	ication	X	AN 1/30

REF02 127 Reference Identification X AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

AN (LSR-7) = Account Number

EAN (EU-40) = Existing Account Number

APT CON (LSR-15a) = Appointment Confirmation PROJECT (LSR-20) = Project Identification RTR (LSR-28) = Response Type Requested

RPON (LSR-51) = Related Purchase Order Number

RORD (LSR-52) = Related Order Number BAN1 (LSR-61) = Billing Account Number 1

REF03 352 Description X AN 1/80 A free-form description to clarify the related data elements and their content "AN" "EAN" "RTR"

"RPON"
"RORD"
"BAN1"

PAM Period Amount Segment:

0950 Position:

Loop:

Level: Heading Optional Usage: Max Use:

Purpose: To indicate a quantity, and/or amount for an identified period

Syntax Notes: If any of PAM01 PAM02 or PAM03 is present, then all are required. 1

> At least one of PAM02 PAM05 or PAM14 is required. 3 If either PAM04 or PAM05 is present, then the other is required.

> If either PAM06 or PAM07 is present, then the other is required. If PAM07 is present, then at least one of PAM08 or PAM09 is

required.

6 If PAM07 is present, then PAM06 is required. If PAM08 is present, then PAM07 is required. If PAM09 is present, then PAM07 is required.

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: PAM10, PAM11, or PAM12 are used when two dates are required.

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:

RΔf

Updated: March 11, 2002

Notes: PAM*T5*LOCQTY (LSR-5)*EA

Data

PAM*48*PG of (LSR-10)(1st 2 Bytes)*EA PAM*47*PG_of_ (LSR-10)(2nd 2 Bytes)*EA

PAM*KC*DQTY (EU-5)*EA PAM*QO*RSQTY (RE-5)*EA PAM*BH*DDQTY (DL-23)*EA PAM*QU*HTQTY (LSR-6)*EA

Data Element Summary

Rei.	Dala				
Des.	Element	<u>Name</u>			
Attributes					
PAM01	673	Quantity Q	ualifier	X	ID 2/2
		Code specif	ying the type of quantity		
		47	Primary Net Quantity		
		48	Secondary Net Quantity		
		вн	Book Order Quantity		
		KC	Net Quantity Decrease		
			The resultant quantity represents a a previously transmitted quantity, at have been made		
		QO	Operating Quantity		
		QU	Quantity Serviced		
		T5	Total Number of Units		
PAM02	380	Quantity		X	R 1/15

Numeric value of quantity

LOCQTY (LSR-5) = Location Quantity First 2 bytes of PG of (LSR-10)

			Second 2 bytes of P	'G_of_ (LSR-10)		
			DQTY (EU-5) = Disc	connect Quantity		
			RSQTY (RE-5) = Re	sale Quantity		
		DDQTY (DL-23) = Number of Delivery Segments HTQTY (LSR-6) = Hunt Group Quantity				
			,			
	PAM03	3 C001 Composite Unit of Measure		Measure	X	
		To identify a composite unit of measure (See Figures Appending examples of use)				
M	C00101	355	Unit or Basis for M	easurement Code	M	ID 2/2
			manner in which a m	units in which a value is being ex neasurement has been taken Each	pressed,	or

Segment: SAC Service, Promotion, Allowance, or Charge Information

Position: 1200

Loop: SAC Optional

Level: Heading Usage: Optional

Max Use: 1

Purpose: To request or identify a service, promotion, allowance, or charge; to

specify the amount or percentage for the service, promotion, allowance,

or charge

Syntax Notes: 1 At least one of SAC02 or SAC03 is required.

2 If either SAC03 or SAC04 is present, then the other is required.
3 If either SAC06 or SAC07 is present, then the other is required.

If either SAC06 or SAC07 is present, then the other is required.
 If either SAC09 or SAC10 is present, then the other is required.

5 If SAC11 is present, then SAC10 is required.

6 If SAC13 is present, then at least one of SAC02 or SAC04 is required.

7 If SAC14 is present, then SAC13 is required.8 If SAC16 is present, then SAC15 is required.

Semantic Notes: 1 If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.

2 SAC05 is the total amount for the service, promotion, allowance, or

If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.

SAC08 is the allowance or charge rate per unit.

4 SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity.

SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.

5 SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.

6 SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.

7 SAC16 is used to identify the language being used in SAC15.

Comments:

1 SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction with SAC03 to further define SAC02.

In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to as "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

Notes: SAC*N**TI*EXP [If this segment appears then EXP (LSR-26) = "Y"]

SAC*N**TI*VT********VTA (LSR-80)

Data Element Summary

Ref. Data

Des. <u>Element Name</u>

Attributes

M SAC01 248 Allowance or Charge Indicator M ID 1/1

Code which indicates an allowance or charge for the service specified

		N	No Allowance or Charge		
SAC03	559	Agency Qualifie	er Code	X	ID 2/2
		Code identifying	the agency assigning the code values		
		П	Telecommunications Industry		
SAC04	1301	Agency Service Code	e, Promotion, Allowance, or Charge	X	AN 1/10
		Agency maintain or charge	ed code identifying the service, promotion	on, all	owance,
		EXP	Expedited Service Charge		
		VT	Variable Term Contract Pricing Plan		
SAC15	352	Description		X	AN 1/80
		A free-form desc content	ription to clarify the related data element	s and	their
		VTA (LSR-80) =	Variable Term Agreement		

DTM Date/Time Reference Segment:

1500 Position:

Loop:

Level: Heading Optional Usage: Max Use: 10

Purpose: To specify pertinent dates and times

Syntax Notes: At least one of DTM02 DTM03 or DTM05 is required. 1

> 2 If DTM04 is present, then DTM03 is required.

If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes: Comments:

Notes:

DTM*097*D/TSENT{CCYYMMDD}(LSR-12)*D/TSENT{HHMM}(LSR-12)

DTM*150*DDD{CCYYMMDD}(LSR-14)***TM/RTM*APPTIME

{HHMM[-HHMM]}(LSR-15)

DTM*151*DDDO(CCYYMMDD)(LSR-16) DTM*992****TM*DFDT{HHMM}(LSR-19) DTM*270*DATED{CCYYMMDD}(LSR-36)

Data Element Summary

	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>			
M	DTM01	374	Date/Tin	ne Qualifier	M	ID 3/3
			Code spe	ecifying type of date or time, or both date and tim	те	
			097	Transaction Creation		
			150	Service Period Start		
			151	Service Period End		
			270	Date Filed		
			992	Date Requested		
	DTM02	373	Date		X	DT 8/8
			Date exp	ressed as CCYYMMDD		
			DDD (LS DDDO (L	Γ (LSR-12) = Date Sent R-14) = Desired Due Date LSR-16) = Desired Due Date Out LSR-36) = Date of Agency Authorization		
	DTM03	337	Time		X	TM 4/8
			Time ove	proceed in 24-hour clock time as follows: HHMM	or HL	221111

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)

D/TSENT{HHMM}(LSR-12) = Time Sent

DTM05 1250 **Date Time Period Format Qualifier**

Χ ID 2/3 Code indicating the date format, time format, or date and time format

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

AN 1/35

expression of minutes within an hour

DTM06 1251 **Date Time Period**

> Expression of a date, a time, or range of dates, times or dates and times

APPTIME{HHMM[-HHMM]}(LSR-15) = Appointment Time DFDT{HHMM}(LSR-19) = Desired Frame Due Time

SI Service Characteristic Identification Segment: 1850 Position: Loop: Level: Heading Optional Usage: Max Use: >1 Purpose: To specify service characteristic data **Syntax Notes:** If either SI04 or SI05 is present, then the other is required. 1 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. If either SI10 or SI11 is present, then the other is required. If either SI12 or SI13 is present, then the other is required. If either SI14 or SI15 is present, then the other is required. If either SI16 or SI17 is present, then the other is required. If either SI18 or SI19 is present, then the other is required. If either SI20 or SI21 is present, then the other is required. **Semantic Notes:** Comments: SI01 defines the source for each of the service characteristics qualifiers. Notes: SI*TI*RE*REQTYP (LSR-23) SI*TI*AA*ACT (LSR-24) SI*TI*LS*LSO (LSR-43) SI*TI*TY*TOS (LSR-44) SI*TI*IW*IWO (EU-36) **Data Element Summary** Ref. Data Des. **Element Name Attributes SI01** 559 **Agency Qualifier Code** М ID 2/2 Code identifying the agency assigning the code values ΤI Telecommunications Industry AN 2/2 **SI02** 1000 Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics AA Account Activity IW Inside Wire Options LS Local Serving Office RE Requisition Type TY Type of Service **Product/Service ID SI03** 234 М AN 1/48 Identifying number for a product or service ACT (LSR-24) = Activity A=(DWS: N-New Installation) D=(DWS: D-Disconnect of Entire Account) C=(DWS : C-Change) V=(DWS : V-Conversion As Specified)

RS=(DWS : B-Restore)

DN=(DWS: Y-Deny)

T=(DWS : T-Outside Move(T/F))
W=(DWS : W-Conversion As Is)

Z=(DWS: Z-Conversion As Spec/No Listing)

SD=(DWS: L-Seasonal Suspend (not valid in WA or OR))

М

М

М

REQTYP (LSR-23) = Requisition Type and Status LSO (LSR-43) = Local Service Office TOS (LSR-44) = Type of Service IWO (EU-36) = Inside Wire Options

Segment: PID Product/Item Description

Position: 1900

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.

At least one of PID04 or PID05 is required.
If PID07 is present, then PID03 is required.
If PID08 is present, then PID04 is required.
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.

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.

Notes: PID*S**TI*AH***SO-RSQ*CHC (LSR-22)

PID*S**TI*CONVIND***SO-RSQ*CONVIND (LSR-24a)

PID*S**TI*AO***SO-RSQ*AGAUTH (LSR-35)

PID*S**TI*BI***SO-RSQ*FBI (EU-42)

PID*S**TI*PENDING***SO-RSQ*PENDING ORDER (LSR-108b)

Data Element Summary

	Ref. <u>Des.</u>	Data <u>Element</u>	<u>Name</u>	•		
М	Attributes PID01	349	Item Description	on Type	M	ID 1/1
			Code indicating	the format of a description		
			S	Structured (From Industry Code List)		
	PID03	559	Agency Qualif	ier Code	Χ	ID 2/2
			Code identifying	the agency assigning the code values		
			TI	Telecommunications Industry		
	PID04	751	Product Descri	iption Code	X	AN 1/12
			A code from an product charact	industry code list which provides specific eristic	data	about a
			AH	Coordinated Hot Cut		
			AO	Agency Authorization Status		
			ВІ	Final Bill Information Indicator		
			CONVIND	Conversion Indicator		

Pending Order

PENDING

PID07 822 Source Subqualifier O AN 1/15

A reference that indicates the table or text maintained by the Source

Qualifier

SO-RSQ Service Order - Reseller Questions list

PID08 1073 Yes/No Condition or Response Code O ID 1/1

Code indicating a Yes or No condition or response

CONVIND (LSR-24a) = Conversion Indicator

Y=(DWS : F-Full) N=(DWS : P-Partial)

FBI (EU-42) = Final Bill Information Indicator

N=(DWS : E-Existing(Default))

Y=(DWS : D-Different)

CHC (LSR-22) = Coordinated Hot Cut

AGAUTH (LSR-35) = Agency Authorization Status PENDING ORDER (LSR-108b) = Pending Order

Segment: **N9** Reference Identification

Position: 2850

Loop: N9 Optional

Level: Heading 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:

Notes: N9*H7*ORI*RESALE****2W>MANUAL IND (RE-60b)

	Ref.	Data	·					
	Des.	Element	<u>Name</u>					
	<u>Attributes</u>							
М	N901	128	Reference Identification Qualifier	M	ID 2/3			
			Code qualifying the Reference Identification					
			H7 Standard Clause					
	N902	127	Reference Identification	X	AN 1/30			
			Reference information as defined for a particular Transact specified by the Reference Identification Qualifier ORI Order Instructions	ion Se	et or as			
	N903	369	Free-form Description	X	AN 1/45			
			Free-form descriptive text					
			"RESALE"					
	N907	C040	Reference Identifier	0				
			To identify one or more reference numbers or identificatio specified by the Reference Qualifier	n num	bers as			
M	C04001	128	Reference Identification Qualifier	M	ID 2/3			
			Code qualifying the Reference Identification					
			2W Change Order Authority					
M	C04002	127	Reference Identification	M	AN 1/30			
			Reference information as defined for a particular Transact specified by the Reference Identification Qualifier	ion Se	et or as			
			MANUAL IND (RE-60b) = Manual Indicator					

Segment: MTX Text

Position: 2900

Loop: N9 Optional

Level: Heading Usage: Optional Max Use: >1

Purpose: To specify textual data

Syntax Notes: 1 If MTX01 is present, then MTX02 is required.

If MTX03 is present, then MTX02 is required.If MTX05 is present, then MTX04 is required.

Semantic Notes: 1 MTX05 is the number of lines to advance before printing.

Comments: 1 If MTX04 is "AA - Advance the specific number of lines before print",

then MTX05 is required.

Notes: MTX**REMARKS (RE-60a)

Data Element Summary

Ref. Data

Des. Element Name

Attributes

MTX02 1551 Message Text X AN 1/4096

To transmit large volumes of message text

REMARKS (RE-60a) = Remarks

Segment: N9 Reference Identification

Position: 2850

Loop: N9 Optional

Level: Heading Usage: Optional

Max Use:

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:

Notes: N9*H7*ORI*LSR****2W>MANUAL IND (LSR-108a)

	Ref.	Data			
	Des.	<u>Element</u>	Name		
M	Attributes N901	128	Reference Identification Qualifier	M	ID 2/3
			Code qualifying the Reference Identification		
			H7 Standard Clause		
	N902	127	Reference Identification	X	AN 1/30
			Reference information as defined for a particular Transact specified by the Reference Identification Qualifier ORI Order Instructions	ion Se	et or as
	N903	369	Free-form Description	X	AN 1/45
			Free-form descriptive text		
			"LSR"		
	N907	C040	Reference Identifier	0	
			To identify one or more reference numbers or identificatio specified by the Reference Qualifier	bers as	
M	C04001	128	Reference Identification Qualifier	M	ID 2/3
			Code qualifying the Reference Identification		
			2W Change Order Authority		
M	C04002	127	Reference Identification	M	AN 1/30
			Reference information as defined for a particular Transact specified by the Reference Identification Qualifier	ion Se	et or as
			MANUAL IND (LSR-108a) = Manual Indicator		

Segment: MTX Text

Position: 2900

Loop: N9 Optional

Level: Heading Usage: Optional Max Use: >1

Purpose: To specify textual data

Syntax Notes: 1 If MTX01 is present, then MTX02 is required.

If MTX03 is present, then MTX02 is required.If MTX05 is present, then MTX04 is required.

Semantic Notes: 1 MTX05 is the number of lines to advance before printing.

Comments: 1 If MTX04 is "AA - Advance the specific number of lines before print",

then MTX05 is required.

Notes: MTX**REMARKS (LSR-108)

Data Element Summary

Ref. Data

Des. Element Name

Attributes

MTX02 1551 Message Text X AN 1/4096

To transmit large volumes of message text

REMARKS (LSR-108) = Remarks

Segment: **N9** Reference Identification

Position: 2850

Loop: N9 Optional

Level: Heading Usage: Optional

Max Use:

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:

Notes: N9*H7*ORI*EU****2W>MANUAL IND (EU-63a)

			Data Element Gummary		
	Ref.	Data			
	Des.	<u>Element</u>	<u>Name</u>		
	<u>Attributes</u>				
М	N901	128	Reference Identification Qualifier	M	ID 2/3
			Code qualifying the Reference Identification		
			H7 Standard Clause		
	N902	127	Reference Identification	X	AN 1/30
			Reference information as defined for a particular Transact specified by the Reference Identification Qualifier ORI Order Instructions	ion Se	et or as
	N903	369	Free-form Description	X	AN 1/45
			Free-form descriptive text		
			"EU"		
	N907	C040	Reference Identifier	0	
			To identify one or more reference numbers or identificatio specified by the Reference Qualifier	n num	bers as
М	C04001	128	Reference Identification Qualifier	M	ID 2/3
			Code qualifying the Reference Identification		
			2W Change Order Authority		
M	C04002	127	Reference Identification	M	AN 1/30
			Reference information as defined for a particular Transact specified by the Reference Identification Qualifier	ion Se	et or as
			MANUAL IND (EU-63a) = Manual Indicator		

Segment: MTX Text

Position: 2900

Loop: N9 Optional

Level: Heading Usage: Optional Max Use: >1

Purpose: To specify textual data

Syntax Notes: 1 If MTX01 is present, then MTX02 is required.

If MTX03 is present, then MTX02 is required.If MTX05 is present, then MTX04 is required.

Semantic Notes: 1 MTX05 is the number of lines to advance before printing.

Comments: 1 If MTX04 is "AA - Advance the specific number of lines before print",

then MTX05 is required.

Notes: MTX**REMARKS (EU-63)

Data Element Summary

Ref. Data

Des. Element Name

Attributes

MTX02 1551 Message Text X AN 1/4096

To transmit large volumes of message text

REMARKS (EU-63) = Remarks

Segment: N1 Name

Position: 3000

Loop: N1 Optional

Level: Heading Usage: Optional

Max Use:

Purpose: To identify a party by type of organization, name, and code

Syntax Notes: 1 At least one of N102 or N103 is required.

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.

Notes: N1*78*CCNA (LSR-1)

Data Element Summary

				· · · · · · · · · · · · · · · · · · ·		
	Ref.	Data				
	Des.	Element	<u>Name</u>			
	Attributes					
M	N101	98	Entity Identifier	Code	M	ID 2/3
			Code identifying a or an individual	an organizational entity, a physical loc	ation, p	oroperty
			78	Service Requester		
	N102	93	Name		X	AN 1/60
			Eroo form name			

Free-form name

CCNA (LSR-1) = Customer Carrier Name Abbreviation

Segment: PER Administrative Communications Contact

Position: 3500

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.

If either PER05 or PER06 is present, then the other is required.
If either PER07 or PER08 is present, then the other is required.

Semantic Notes: Comments:

Notes: PER*AG*INIT (LSR-81)*TE*TEL NO (LSR-82)*FX*FAX NO (LSR-84)*EM*EMAIL

(LSR-83)

PER*CN*IMPCON (LSR-91)*TE*TEL NO (LSR-92)*BN*PAGER (LSR-93) PER*AL*ALT IMPCON (LSR-94)*TE*TEL NO (LSR-95)*BN*PAGER (LSR-96)

Data Element Summary

Ref. Data

Des. Element Name

<u>Attributes</u>

M PER01 366 Contact Function Code M ID 2/2

Code identifying the major duty or responsibility of the person or group

named

AG Agent

AL Alternate Contact

Person to be contacted when the main contact is not

available

CN General Contact

PER02 93 Name O AN 1/60

Free-form name

INIT (LSR-81) = Initiator Identification

IMPCON (LSR-91) = Implementation Contact

ALT IMPCON (LSR-94) = Alternate Implementation Contact

PER03 365 Communication Number Qualifier X ID 2/2

Code identifying the type of communication number

TE Telephone

PER04 364 Communication Number X AN 1/256

Complete communications number including country or area code when

applicable

TEL NO (LSR-82) = Telephone Number TEL NO (LSR-92) = Telephone Number TEL NO (LSR-95) = Telephone Number

PER05 365 Communication Number Qualifier X ID 2/2

Code identifying the type of communication number

BN Beeper Number FX Facsimile

PER06 364 Communication Number X AN 1/256

Complete communications number including country or area code when

applicable

		FAX NO (LSR-84) = Facsimile Number PAGER (LSR-93) = Pager Number PAGER (LSR-96) = Pager Number				
PER07	365	Communication Number Qualifier	Х	ID 2/2		
		Code identifying the type of communication number				
		EM Electronic Mail				
PER08	364	Communication Number	X	AN 1/256		
	Complete communications number including country or area code who applicable					
		EMAIL (LSR-83) = Electronic Mail Address				

Segment: N1 Name

Position: 3000

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.

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.

Notes: N1*AN*AUTHNM (LSR-37)

Data Element Summary

Ref. Data Des. **Element Name Attributes** М ID 2/3 N101 98 **Entity Identifier Code** Code identifying an organizational entity, a physical location, property or an individual ΑN Authorized From A geographic location designated as an authorized pick-up or origin point for a shipment N102 93 Name Χ AN 1/60

Free-form name

AUTHNM (LSR-37) = Authorization Name

Segment: N1 Name

Position: 3000

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.

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.

Notes: N1*X1*BILLNM (EU-43)

Data Element Summary

Ref. Data Des. **Element Name Attributes** М **Entity Identifier Code** ID 2/3 N101 98 Code identifying an organizational entity, a physical location, property or an individual X1 Mail to An address to which a specified item is to be mailed N102 93 Name Χ AN 1/60

Free-form name

BILLNM (EU-43) = Bill Name

Segment: N2 Additional Name Information

Position: 3100

Loop: N1 Optional

Level: Heading Usage: Optional

Max Use: 2

Purpose: To specify additional names

Syntax Notes: Semantic Notes:

Comments:

Notes: N2*SBILLNM (EU-44)

Data Element Summary

Ref. Data

Des. Element Name

<u>Attributes</u>

M N201 93 Name M AN 1/60

Free-form name

SBILLNM (EU-44) = Secondary Bill Name

Segment: N4 Geographic Location

Position: 3300

Loop: N1 Optional

Level: Heading
Usage: Optional

Max Use: >1

N403

116

Purpose: To specify the geographic place of the named party **Syntax Notes:** 1 Only one of N402 or N407 may be present.

2 If N406 is present, then N405 is required.
3 If N407 is present, then N404 is required.

Semantic Notes:

Comments: 1 A combination of either N401 through N404, or N405 and N406 may

be adequate to specify a location.

2 N402 is required only if city name (N401) is in the U.S. or Canada.

Notes: N4**STATE (EU-49)*ZIP (EU-50)

Data Element Summary

Ref. Data
Des. Element Name

Attributes
N402 156 State or Province Code X ID 2/2
Code (Standard State/Province) as defined by appropriate government agency
STATE (EU-49) = State/Province

Code defining international postal zone code excluding punctuation and

blanks (zip code for United States)

ZIP (EU-50) = ZIP/Postal Code

Postal Code

ID 3/15

0

Segment: NX2 Location ID Component

Position: 3350

Loop: N1 Optional

Level: Heading
Usage: Optional
Max Use: >1

Purpose: To define types and values of a geographic location

Syntax Notes: Semantic Notes: Comments:

Ref.

Updated: March 11, 2002

Notes: NX2*01*SANO (EU-45b)

Data

NX2*02*SASN (EU-45e) NX2*03*SASD (EU-45d) NX2*07*CITY (EU-48) NX2*32*FLOOR (EU-46)

NX2*35*ROOM/MAIL STOP (EU-47)

NX2*40*SASS (EU-45g) NX2*59*SAPR (EU-45a) NX2*61*SASF (EU-45c) NX2*62*SATH (EU-45f)

Data Element Summary

	Doo	Floreset	Nama			
	Des.	<u>Element</u>	<u>name</u>			
	<u>Attributes</u>					
M	NX201	1106	Address Compo	nent Qualifier	M	ID 2/2
			Code qualifying the	e type of address component		
			01	Street Number		
			02	Street Name		
			03	Prefix Direction		
			07	City Name		
			32	Floor		
				A particular floor or level of a building		
			35	Room		
				A walled room or partitioned area of a	build	ing
			40	Street Suffix		
			59	Street Number Low		
			61	Street Number Fraction		
			62	Street Name Suffix		
М	NX202	166	Address Informa	tion	M	AN 1/55

Address information

SANO (EU-45b) = Service Address Number SASN (EU-45e) = Service Address Street Name

SASD (EU-45d) = Service Address Street Directional Prefix

CITY (EU-48) = City FLOOR (EU-46) = Floor

ROOM/MAIL STOP (EU-47) = Room/Mail Stop

SASS (EU-45g) = Service Address Street Directional Suffix

SAPR (EU-45a) = Service Address Number Prefix SASF (EU-45c) = Service Address Number Suffix SATH (EU-45f) = Service Address Street Type

Position: 3550

Loop: N1 Optional

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.

If either SI06 or SI07 is present, then the other is required.
If either SI08 or SI09 is present, then the other is required.
If either SI10 or SI11 is present, then the other is required.
If either SI12 or SI13 is present, then the other is required.
If either SI14 or SI15 is present, then the other is required.
If either SI16 or SI17 is present, then the other is required.

If either SI18 or SI19 is present, then the other is required.
If either SI20 or SI21 is present, then the other is required.

Semantic Notes:

Comments: 1 Sl01 defines the source for each of the service characteristics

qualifiers.

Notes: SI*TI*AF*AFT (EU-44a)

	Ref.	Data			
	Des.	<u>Element</u>	<u>Name</u>		
	<u>Attributes</u>				
М	SI01	559	Agency Qualifier Code	M	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
M	SI02	1000	Service Characteristics Qualifier	M	AN 2/2
			Code from an industry code list qualifying the type of ser characteristics	vice	
			AF Address Format Type		
M	SI03	234	Product/Service ID	М	AN 1/48
			Identifying number for a product or service		
			AFT (EU-44a) = Address Format Type		

Segment: POC Line Item Change - End User Form (Location and Access

Section)

Position: 0100

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.

If either POC08 or POC09 is present, then the other is required.
If either POC10 or POC11 is present, then the other is required.
If either POC12 or POC13 is present, then the other is required.
If either POC14 or POC15 is present, then the other is required.
If either POC16 or POC17 is present, then the other is required.
If either POC18 or POC19 is present, then the other is required.
If either POC20 or POC21 is present, then the other is required.
If either POC22 or POC23 is present, then the other is required.
If either POC24 or POC25 is present, then the other is required.
If either POC26 or POC27 is present, then the other is required.

Semantic Notes:

Updated: March 11, 2002

1 POC01 is the purchase order line item identification.

Comments: Notes:

POC*n*RZ******ZZ*EU SA [POC Loop may repeat]

	Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	Name		
	POC01	350	Assigned Identification	0	AN 1/20
			Alphanumeric characters assigned for differentiation withit transaction set	n a	
			"n" = nth assigned ID within POC loop		
M	POC02	670	Change or Response Type Code	M	ID 2/2
			Code specifying the type of change to the line item		
			RZ Replace All Values		
			Receiver should replace the correspond the original purchase order with the vaccontained in the Purchase Order Char Transaction Set	alues	alues in
	POC08	235	Product/Service ID Qualifier	X	ID 2/2
			Code identifying the type/source of the descriptive number Product/Service ID (234) ZZ Mutually Defined	er used	l in
	POC09	234	Product/Service ID	Х	AN 1/48
		-	Identifying number for a product or service		
			"EU_SA"		

Position: 0180

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.

If either SI06 or SI07 is present, then the other is required.
If either SI08 or SI09 is present, then the other is required.
If either SI10 or SI11 is present, then the other is required.
If either SI12 or SI13 is present, then the other is required.
If either SI14 or SI15 is present, then the other is required.
If either SI16 or SI17 is present, then the other is required.

If either SI18 or SI19 is present, then the other is required.
If either SI20 or SI21 is present, then the other is required.

Semantic Notes:

Comments: 1 Sl01 defines the source for each of the service characteristics

qualifiers.

Notes: SI*TI*OP*WSOP (EU-31)*TN*WSOP TEL NO (EU-31a)

	Ref.	Data			
	Des.	Element	<u>Name</u>		
	Attributes				
M	SI01	559	Agency Qualifier Code	M	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
M	SI02	1000	Service Characteristics Qualifier	M	AN 2/2
			Code from an industry code list qualifying the type of service characteristics	rice	
			OP Working Service on Premises		
M	SI03	234	Product/Service ID	M	AN 1/48
			Identifying number for a product or service		
			WSOP (EU-31) = Working Service on Premises		
	SI04	1000	Service Characteristics Qualifier	X	AN 2/2
			Code from an industry code list qualifying the type of service characteristics	/ice	
			TN Telephone Number		
	SI05	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
			WSOP TEL NO (EU-31a) = Working Service on Premises Number	Telep	phone

Segment: PID Product/Item Description

Position: 0500

Loop: PID Optional

Level: Detail Usage: Optional

Max Use:

Updated: March 11, 2002

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

Syntax Notes: 1 If PID04 is present, then PID03 is required.

At least one of PID04 or PID05 is required.
If PID07 is present, then PID03 is required.
If PID08 is present, then PID04 is required.

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.

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.

Notes: PID*S**TI*ANV***SO-RSQ*ANV (EU-8a)

			Data Liement Jumnary		
	Ref.	Data	Marria		
	<u>Des.</u> Attributes	<u>Element</u>	<u>name</u>		
M	PID01	349	Item Description Type	M	ID 1/1
			Code indicating the format of a description		
			S Structured (From Industry Code List)		
	PID03	559	Agency Qualifier Code	X	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
	PID04	751	Product Description Code	X	AN 1/12
			A code from an industry code list which provides specific product characteristic ANV Address Not Validated Indicator	data a	bout a
	PID07	822	Source Subqualifier	0	AN 1/15
			A reference that indicates the table or text maintained by Qualifier		
			SO-RSQ Service Order - Reseller Questions lis	t	
	PID08	1073	Yes/No Condition or Response Code	0	ID 1/1
			Code indicating a Yes or No condition or response		
			ANV (EU-8a) = Address Not Validated Indicator		

Segment: REF Reference Identification

Position: 1000

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.

If either C04003 or C04004 is present, then the other is required.
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:

Notes: REF*IX*LOCNUM (EU-7)*LOCNUM

	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Name		
M	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification IX Item Number	M	ID 2/3
	REF02	127	Reference Identification Reference information as defined for a particular Transact specified by the Reference Identification Qualifier LOCNUM (EU-7) = Location Number	X ion Se	AN 1/30 et or as
	REF03	352	Description A free-form description to clarify the related data elements content "LOCNUM"	X s and	AN 1/80 their

Segment: **N9** Reference Identification

Position: 3200

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.

"EU"

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:

Notes: N9*L1*ACC*EU

	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>		
M	N901	128	Reference Identification Qualifier	M	ID 2/3
			Code qualifying the Reference Identification		
			L1 Letters or Notes		
	N902 N903	127	Reference Identification	X	AN 1/30
			Reference information as defined for a particular Transa specified by the Reference Identification Qualifier ACC Access Instructions	ction S	et or as
		369	Free-form Description	X	AN 1/45
			Free-form descriptive text		

Segment: MTX Text

Position: 3260

Loop: N9 Optional

Level: Detail
Usage: Optional
Max Use: >1

Purpose: To specify textual data

Syntax Notes: 1 If MTX01 is present, then MTX02 is required.

If MTX03 is present, then MTX02 is required.If MTX05 is present, then MTX04 is required.

Semantic Notes: 1 MTX05 is the number of lines to advance before printing.

Comments: 1 If MTX04 is "AA - Advance the specific number of lines before print",

then MTX05 is required.

Notes: MTX**ACC (EU-30)

Data Element Summary

Ref. Data

Des. Element Name

Attributes

MTX02 1551 Message Text X AN 1/4096

To transmit large volumes of message text

ACC (EU-30) = Access Information

Name Segment:

Position: 3400

> N1 Loop: Optional

Level: Detail Usage: Optional

Max Use:

Purpose: To identify a party by type of organization, name, and code

Syntax Notes: At least one of N102 or N103 is required.

If either N103 or N104 is present, then the other is required.

Semantic Notes:

This segment, used alone, provides the most efficient method of Comments: 1

providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the

transaction processing party.

N105 and N106 further define the type of entity in N101.

Notes: N1*IT*NAME (EU-8)

Data Element Summary

Ref. **Data** Des. **Element Name Attributes** М **Entity Identifier Code** ID 2/3 N101 98 Code identifying an organizational entity, a physical location, property or an individual IT Installation on Site N102 93 Name X AN 1/60 Free-form name

NAME (EU-8) = End User Name

Segment: N4 Geographic Location

Position: 3700

Loop: N1 Optional

Level: Detail
Usage: Optional

Max Use: 1

Purpose: To specify the geographic place of the named party

Syntax Notes: 1 Only one of N402 or N407 may be present.

If N406 is present, then N405 is required.
If N407 is present, then N404 is required.

Semantic Notes:

Comments: 1 A combination of either N401 through N404, or N405 and N406 may

be adequate to specify a location.

2 N402 is required only if city name (N401) is in the U.S. or Canada.

Notes: N4**STATE (EU-25)*ZIP (EU-26)**RJ*CALA (EU-26a)

Ret.	Data			
Des.	Element	<u>Name</u>		
Attributes				
N402	156	State or Province Code	X	ID 2/2
		Code (Standard State/Province) as defined by appropriate agency	gove	rnment
		STATE (EU-25) = State/Province		
N403	116	Postal Code	0	ID 3/15
		Code defining international postal zone code excluding publanks (zip code for United States)	ınctua	tion and
		ZIP (EU-26) = ZIP/Postal Code		
N405	309	Location Qualifier	X	ID 1/2
		Code identifying type of location		
		RJ Region		
N406	310	Location Identifier	0	AN 1/30
		Code which identifies a specific location		
		CALA (EU-26a) = Customer Address Location Area		

Segment: NX2 Location ID Component

Position: 3750

Loop: N1 Optional

Level: Detail
Usage: Optional
Max Use: >1

Purpose: To define types and values of a geographic location

Syntax Notes: Semantic Notes: Comments:

nments:

Notes: NX2*01*SANO (EU-11) NX2*02*SASN (EU-14)

NX2*03*SASN (EU-13) NX2*03*SASD (EU-13) NX2*05*BOX (EU-23c) NX2*06*ROUTE (EU-23b) NX2*07*CITY (EU-24) NX2*39*AHN (EU-23a) NX2*40*SASS (EU-16) NX2*59*SAPR (EU-10) NX2*61*SASF (EU-12) NX2*62*SATH (EU-15)

NX2*LD1 (EU-17)*LV1 (EU-18) NX2*LD2 (EU-19)*LV2 (EU-20) NX2*LD3 (EU-21)*LV3 (EU-22)

Data Element Summary

Ref. Data

<u>Des.</u> <u>Element</u> <u>Name</u>

Attributes

M NX201 1106 Address Component Qualifier

M ID 2/2

Code qualifying the type of address component

LD1 (EU-17) = Location Designator 1 13=(DWS : APT) 34=(DWS : LOT) 35=(DWS : RM) 36=(DWS : SLIP) 37=(DWS : UNIT) 14=(DWS : SUIT)

LD2 (EU-19) = Location Designator 2

32=(DWS: FLR)

LD3 (EU-21) = Location Designator 3

12=(DWS : BLDG) 63=(DWS : WNG) 30=(DWS : PIER)

01 Street Number
02 Street Name
03 Prefix Direction
05 P.O. Box Number
06 Rural Route Number
07 City Name

12 Building Name

			13	Apartment Number
			14	Suite Number
			30	Pier
				The pier at which a ship or boat is docked
			32	Floor
				A particular floor or level of a building
			34	Lot
				A particular lot or piece of land
			35	Room
				A walled room or partitioned area of a building
			36	Slip
				The slip or location on a pier at which a ship or boat
			07	is docked
			37	Unit
				A unit or separate structure
			39	Unstructured Property
			40	Street Suffix
			59	Street Number Low
			61	Street Number Fraction
			62	Street Name Suffix
			63	Secondary Unit Identifier
M	NX202	166	Address Informa	
			Address informati	
			SASN (EU-14) = SASD (EU-13) = SASD (EU-23c) = EROUTE (EU-23b) CITY (EU-24) = CAHN (EU-23a) = SASS (EU-16) = SAPR (EU-10) = SAPR (EU-10) = SASS (EU-16) = SAPR (EU-10) = SAPR (EU-10) = SASS (EU-16) = SAPR (EU-10) = SAP	= Route
			SATH (EU-15) = \$	Service Address Street Type

LV1 (EU-18) = Location Value 1 LV2 (EU-20) = Location Value 2 LV3 (EU-22) = Location Value 3 Segment: PER Administrative Communications Contact

Position: 3900

Loop: N1 Optional

Level: Detail 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.

If either PER05 or PER06 is present, then the other is required.
If either PER07 or PER08 is present, then the other is required.

Semantic Notes:

Comments:

Notes: PER*CA*LCON (EU-27)*TE*TEL NO (EU-28)

Data Element Summary

			Data Elomont Gamma,		
	Ref. Des.	Data Element	Name		
	Attributes				
M	PER01	366	Contact Function Code	M	ID 2/2
			Code identifying the major duty or responsibility of the per named	son o	r group
			CA Customer Contact Granting Appointm	ent	
	PER02	93	Name	0	AN 1/60
			Free-form name		
			LCON (EU-27) = Local Contact		
	PER03	365	Communication Number Qualifier	X	ID 2/2
			Code identifying the type of communication number		
			TE Telephone		
	PER04	364	Communication Number	X	AN 1/256
	Complete communications number including coapplicable				de when
			TEL NO (EU-28) = Telephone Number		

192

Position: 3950

Loop: N1 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.

If either SI06 or SI07 is present, then the other is required.
If either SI08 or SI09 is present, then the other is required.
If either SI10 or SI11 is present, then the other is required.
If either SI12 or SI13 is present, then the other is required.
If either SI14 or SI15 is present, then the other is required.
If either SI16 or SI17 is present, then the other is required.

If either SI18 or SI19 is present, then the other is required.
If either SI20 or SI21 is present, then the other is required.

Semantic Notes:

Comments: 1 Sl01 defines the source for each of the service characteristics

qualifiers.

Notes: SI*TI*AF*AFT (EU-9)

	Ref.	Data	Nama		
	<u>Des.</u> Attributes	Element	<u>Name</u>		
M	SI01	559	Agency Qualifier Code	M	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
M	SI02	1000	Service Characteristics Qualifier	M	AN 2/2
			Code from an industry code list qualifying the type of ser characteristics	vice	
			AF Address Format Type		
M	SI03	234	Product/Service ID	M	AN 1/48
			Identifying number for a product or service		
			AFT (EU-9) = Address Format Type		

Segment: POC Line Item Change - End User Form (Disconnect

Information Section)

Position: 0100

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.

If either POC08 or POC09 is present, then the other is required.
If either POC10 or POC11 is present, then the other is required.
If either POC12 or POC13 is present, then the other is required.
If either POC14 or POC15 is present, then the other is required.
If either POC16 or POC17 is present, then the other is required.
If either POC18 or POC19 is present, then the other is required.
If either POC20 or POC21 is present, then the other is required.
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.

POC01 is the purchase order line item identification.

Semantic Notes: Comments: Notes:

Updated: March 11, 2002

POC*n*RZ*****ZZ*EU DISC [POC Loop may repeat]

	Ref.	Data				
	Des.	Element	<u>Name</u>			
	<u>Attributes</u>					
	POC01	350	Assigned Identifi	cation	0	AN 1/20
			Alphanumeric cha transaction set	n a		
			"n" = nth assigned	I ID within POC loop		
M	POC02	670	Change or Respo	onse Type Code	M	ID 2/2
			Code specifying the type of change to the line item			
			RZ	Replace All Values		
				Receiver should replace the correspondence original purchase order with the vaccontained in the Purchase Order Chatransaction Set	alues	values in
	POC08	235	Product/Service	ID Qualifier	X	ID 2/2
			Product/Service ID	` ,	er used	d in
			ZZ	Mutually Defined		
	POC09	234	Product/Service	ID	X	AN 1/48
			Identifying number	for a product or service		
			"EU_DISC"			

Position: 0180

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.

If either SI06 or SI07 is present, then the other is required.
If either SI08 or SI09 is present, then the other is required.
If either SI10 or SI11 is present, then the other is required.
If either SI12 or SI13 is present, then the other is required.
If either SI14 or SI15 is present, then the other is required.
If either SI16 or SI17 is present, then the other is required.
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 Sl01 defines the source for each of the service characteristics

qualifiers.

Notes: SI*TI*ND*DISC NBR (EU-55)

SI*TI*T6*TC OPT (EU-57)

	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>	·		
M	SI01	559	Agency Qualifier	Code	M	ID 2/2
			Code identifying th	e agency assigning the code values		
			TI	Telecommunications Industry		
M	SI02	1000	Service Characte	ristics Qualifier	M	AN 2/2
			Code from an indu characteristics	stry code list qualifying the type of serv	rice	
			ND	Disconnect Number		
			T6	Transfer of Calls Options		
M	SI03	234	Product/Service	ID	M	AN 1/48
			Identifying number	for a product or service		
) = Disconnect Telephone Number Transfer of Call Options		

Segment: REF Reference Identification

Position: 1000

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.

If either C04003 or C04004 is present, then the other is required.
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:

Notes: REF*IX*DNUM (EU-54)*DNUM

	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>		
M	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification IX Item Number	M	ID 2/3
	REF02	127	Reference Identification Reference information as defined for a particular Transact specified by the Reference Identification Qualifier DNUM (EU-54) = Disconnect Line Number	X ion Se	AN 1/30 et or as
	REF03	352	Description A free-form description to clarify the related data elements content "DNUM"	X s and	AN 1/80 their

DTM Date/Time Reference Segment:

Position:

POC Optional Loop:

Level: Detail 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.

If DTM04 is present, then DTM03 is required.

If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:

Comments:

Notes: DTM*376*TC PER{CCYYMMDD}(EU-62)

Data Element Summary

Data Ref.

Element Name Des.

Attributes М DTM01

374 **Date/Time Qualifier**

М ID 3/3

Code specifying type of date or time, or both date and time

376 Delivery End

The date that deliveries will end

DTM02 373 **Date** Χ **DT 8/8**

Date expressed as CCYYMMDD

TC PER (EU-62) = Transfer of Calls Period

Segment: SLN Subline Item Detail

Position: 4600

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.

If either SLN09 or SLN10 is present, then the other is required.
If either SLN11 or SLN12 is present, then the other is required.
If either SLN13 or SLN14 is present, then the other is required.
If either SLN15 or SLN16 is present, then the other is required.
If either SLN17 or SLN18 is present, then the other is required.
If either SLN19 or SLN20 is present, then the other is required.
If either SLN21 or SLN22 is present, then the other is required.
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.

Notes: SLN*TCPRI*n*A*1*EA

Updated: March 11, 2002

	Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	<u>Name</u>		
M	SLN01	350	Assigned Identification	M	AN 1/20
			Alphanumeric characters assigned for differentiation within transaction set	n a	
			"TCPRI"		
	SLN02	350	Assigned Identification	0	AN 1/20
			Alphanumeric characters assigned for differentiation within transaction set	n a	
			"n" = nth assigned ID within SLN loop		
M	SLN03	662	Relationship Code	M	ID 1/1
			Code indicating the relationship between entities		
			A Add		
	SLN04	380	Quantity	Χ	R 1/15
			Numeric value of quantity		

			1 Always One	
	SLN05	C001	Composite Unit of Measure	X
М	C00101	355	To identify a composite unit of measure (Sexamples of use) Unit or Basis for Measurement Code	See Figures Appendix for M ID 2/2
			Code specifying the units in which a value manner in which a measurement has beer EA Each	

Position: 4700

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.

If either SI06 or SI07 is present, then the other is required.
If either SI08 or SI09 is present, then the other is required.
If either SI10 or SI11 is present, then the other is required.
If either SI12 or SI13 is present, then the other is required.
If either SI14 or SI15 is present, then the other is required.
If either SI16 or SI17 is present, then the other is required.

If either SI18 or SI19 is present, then the other is required.If either SI20 or SI21 is present, then the other is required.

Semantic Notes:

Comments: 1 Sl01 defines the source for each of the service characteristics

qualifiers.

Notes: SI*TI*TC*TC TO PRI (EU-58)

	Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	<u>Name</u>		
M	SI01	559	Agency Qualifier Code	M	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
M	SI02	1000	Service Characteristics Qualifier	M	AN 2/2
			Code from an industry code list qualifying the type of ser- characteristics	vice	
			TC Transfer Announcement Number		
M	SI03	234	Product/Service ID	M	AN 1/48
			Identifying number for a product or service		
			TC TO PRI (EU-58) = Transfer of Calls To Primary Number	er	

Segment: N1 Name

Position: 5360

Loop: N1 Optional

Level: Detail Usage: Optional

Max Use:

Purpose: To identify a party by type of organization, name, and code

Syntax Notes: 1 At least one of N102 or N103 is required.

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

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.

Notes: N1*TT*TC NAME (EU-58b)

Data Element Summary

Ref. Data Des. **Element Name Attributes** М **Entity Identifier Code** ID 2/3 N101 98 Code identifying an organizational entity, a physical location, property or an individual TT Transfer To N102 93 Name X AN 1/60

Free-form name

TC NAME (EU-58b) = Transfer of Calls to Name

Segment: REF Reference Identification

Position: 5700

Loop: N1 Optional

Level: Detail
Usage: Optional
Max Use: 12

Purpose: To specify identifying information

Syntax Notes: 1 At least one of REF02 or REF03 is required.

If either C04003 or C04004 is present, then the other is required. 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:

Updated: March 11, 2002

Notes: REF*55*TCID (EU-58a)*PRI

	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Name	nary		
M	REF01	128	Reference Identificat	on Qualifier	M	ID 2/3
			Code qualifying the Ref			
			55 Seq	uence Number		
	REF02	127	Reference Identificati	Reference Identification		AN 1/30
			Reference information a specified by the Reference	ion Se	et or as	
			TCID (EU-58a) = Transf	er of Calls to Identifier		
	REF03	352	Description		X	AN 1/80
			A free-form description content "PRI"	and t	their	

Segment: SLN Subline Item Detail

Position: 4600

Loop: SLN Optional

Level: Detail Usage: Optional

Max Use: 1

Updated: March 11, 2002

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.

If either SLN09 or SLN10 is present, then the other is required.
If either SLN11 or SLN12 is present, then the other is required.
If either SLN13 or SLN14 is present, then the other is required.
If either SLN15 or SLN16 is present, then the other is required.
If either SLN17 or SLN18 is present, then the other is required.
If either SLN19 or SLN20 is present, then the other is required.
If either SLN21 or SLN22 is present, then the other is required.

If either SLN21 or SLN22 is present, then the other is required.
 If either SLN23 or SLN24 is present, then the other is required.
 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.

Notes: SLN*TCSEC*n*A*1*EA [SLN Loop may repeat]

	Ref.	Data			
	Des.	Element	<u>Name</u>		
	Attributes				
M	SLN01	350	Assigned Identification	M	AN 1/20
			Alphanumeric characters assigned for differentiation within transaction set	ı a	
			"TCSEC"		
	SLN02	350	Assigned Identification	0	AN 1/20
			Alphanumeric characters assigned for differentiation within transaction set	ı a	
			"n" = nth assigned ID within SLN loop		
M	SLN03	662	Relationship Code	M	ID 1/1
			Code indicating the relationship between entities		
			A Add		
	SLN04	380	Quantity	X	R 1/15
			Numeric value of quantity		

			1 Always One	
	SLN05	C001	Composite Unit of Measure	X
M	C00101	355	To identify a composite unit of measure (S examples of use) Unit or Basis for Measurement Code	See Figures Appendix for M ID 2/2
			Code specifying the units in which a value manner in which a measurement has been EA Each	

Position: 4700

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.

If either SI06 or SI07 is present, then the other is required.
If either SI08 or SI09 is present, then the other is required.
If either SI10 or SI11 is present, then the other is required.
If either SI12 or SI13 is present, then the other is required.
If either SI14 or SI15 is present, then the other is required.
If either SI16 or SI17 is present, then the other is required.
If either SI18 or SI19 is present, then the other is required.

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.

Notes: SI*TI*TC*TC TO SEC (EU-59)

	Ref.	Data	Nama		
	<u>Des.</u> Attributes	Element	<u>Name</u>		
M	SI01	559	Agency Qualifier Code	M	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
M	SI02	1000	Service Characteristics Qualifier	M	AN 2/2
			Code from an industry code list qualifying the type of servi characteristics	ce	
			TC Transfer Announcement Number		
M	SI03	234	Product/Service ID	M	AN 1/48
			Identifying number for a product or service		
			TC TO SEC (EU-59) = Transfer of Calls To Secondary Nur	mber	

Segment: N1 Name

Position: 5360

Loop: N1 Optional

Level: Detail Usage: Optional

Max Use:

Purpose: To identify a party by type of organization, name, and code

Syntax Notes: 1 At least one of N102 or N103 is required.

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.

Notes: N1*TT*TC NAME (EU-61)

Data Element Summary

Ref. **Data** Des. **Element Name Attributes** М **Entity Identifier Code** ID 2/3 N101 98 Code identifying an organizational entity, a physical location, property or an individual TT Transfer To N102 93 Name X AN 1/60 Free-form name

TC NAME (EU-61) = Transfer of Calls To Name

Segment: REF Reference Identification

Position: 5700

Loop: N1 Optional

Level: Detail
Usage: Optional
Max Use: 12

Purpose: To specify identifying information

Syntax Notes: 1 At least one of REF02 or REF03 is required.

If either C04003 or C04004 is present, then the other is required.
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:

Updated: March 11, 2002

Notes: REF*55*TCID (EU-60)*SEC

			Data Element Summary					
	Ref.	Data						
	Des.	<u>Element</u>	<u>Name</u>					
	<u>Attributes</u>							
М	REF01	128	Reference Identification Qualifier	М	ID 2/3			
			Code qualifying the Reference Identification					
			55 Sequence Number					
	REF02	127	Reference Identification	X	AN 1/30			
			Reference information as defined for a particular Transac specified by the Reference Identification Qualifier	Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
			TCID (EU-60) = Transfer of Calls To Identifier					
	REF03	352	Description	Χ	AN 1/80			
			A free-form description to clarify the related data elemen content "SEC"	ts and	their			
			OLO .					

Segment: POC Line Item Change - PBX Resale Form (Service Detail

Section)

Position: 0100

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.

If either POC08 or POC09 is present, then the other is required.
If either POC10 or POC11 is present, then the other is required.
If either POC12 or POC13 is present, then the other is required.
If either POC14 or POC15 is present, then the other is required.
If either POC16 or POC17 is present, then the other is required.
If either POC18 or POC19 is present, then the other is required.
If either POC20 or POC21 is present, then the other is required.
If either POC22 or POC23 is present, then the other is required.
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: Comments:

Notes:

POC*n*RZ*****ZZ*RE [POC Loop repeats RSQTY (RE-5) times]

POC01 is the purchase order line item identification.

	Ref.	Data			
	Des.	Element	<u>Name</u>		
	<u>Attributes</u>				
	POC01	350	Assigned Identification	O A	AN 1/20
			Alphanumeric characters assigned fo transaction set	r differentiation within a	
			"n" = nth assigned ID within POC loo	р	
M	POC02	670	Change or Response Type Code	M II	D 2/2
			Code specifying the type of change t	o the line item	
			RZ Replace All Value	es	
			the original purch	replace the corresponding val ase order with the values Purchase Order Change	lues in
	POC08	235	Product/Service ID Qualifier	ΧII	D 2/2
			Code identifying the type/source of the Product/Service ID (234) ZZ Mutually Defined	ne descriptive number used in	า
	POC09	234	Product/Service ID	X A	AN 1/48
			Identifying number for a product or se	ervice	
			"RE"		

Position: 0180

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.

If either SI06 or SI07 is present, then the other is required.
If either SI08 or SI09 is present, then the other is required.
If either SI10 or SI11 is present, then the other is required.
If either SI12 or SI13 is present, then the other is required.
If either SI14 or SI15 is present, then the other is required.
If either SI16 or SI17 is present, then the other is required.

If either SI18 or SI19 is present, then the other is required. If either SI20 or SI21 is present, then the other is required.

Semantic Notes:

Updated: March 11, 2002

Comments: 1 Sl01 defines the source for each of the service characteristics

qualifiers.

Notes: SI*TI*SA*LNA (RE-12)

SI*TI*TN*TNS (RE-15) SI*TI*OT*OTN (RE-19) SI*TI*TD*PTKCON (RE-24) SI*TI*CN*ECCKT (RE-28) SI*TI*T6*TC OPT (RE-35) SI*TI*SY*SSIG (RE-51) SI*TI*PE*PULSE (RE-52) SI*TI*TQ*TLI (RE-18a) SI*TI*T5*TERS (RE-18)

Data Element Summary

	Ref.	Data		•		
	Des.	<u>Element</u>	<u>Name</u>			
	<u>Attributes</u>					
М	SI01	559	Agency Qualifier	Code	M	ID 2/2
			Code identifying th	e agency assigning the code values		
			TI	Telecommunications Industry		
M	SI02	1000	Service Characte	ristics Qualifier	M	AN 2/2
			Code from an indu	stry code list qualifying the type of serv	ice	
			characteristics			
			CN	Circuit Number Identification		
			OT	Out Telephone Number		
			PE	Pulse Type		
			SA	Service Activity		
			SY	Start Signaling		
			T5	Terminal Number		
			T6	Transfer of Calls Options		
			TD	Transmission Duplex		
			TN	Telephone Number		
			TQ	Telephone Line Identifier		
M	SI03	234	Product/Service	ID	M	AN 1/48

Identifying number for a product or service

LNA (RE-12) = Line Activity

CT=(DWS: X-TN Change)

C=(DWS : C-Change) A=(DWS : N-New)

D=(DWS : D-Disconnect)

V=(DWS : V-Conversion of Service As Specified)

P=(DWS : P-PIC Change) L=(DWS : L-Seasonal Suspend) W=(DWS : W-Conversion As Is)

TNS (RE-15) = Telephone Numbers

OTN (RE-19) = Out Telephone Number

PTKCON (RE-24) = PBX Trunk Configuration

ECCKT (RE-28) = Exchange Company Circuit ID

TC OPT (RE-35) = Transfer of Call Options

SSIG (RE-51) = Start Signaling

PULSE (RE-52) = Type of Pulsing

TLI (RE-18a) = Telephone Line Identifier

TERS (RE-18) = Terminal Numbers

Segment: PID Product/Item Description

Position: 0500

Loop: PID Optional

Level: Detail
Usage: Optional

Max Use: 1

Updated: March 11, 2002

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

Syntax Notes: 1 If PID04 is present, then PID03 is required.

At least one of PID04 or PID05 is required.
If PID07 is present, then PID03 is required.
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.

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.

Notes: PID*S**TI*AG***SO-RSQ*NIDR (RE-47)

			Data Liement Guilliary				
	Ref. <u>Des.</u>	Data Element	<u>Name</u>				
	Attributes						
M	PID01	349	Item Description Type	M	ID 1/1		
			Code indicating the format of a description				
			S Structured (From Industry Code List)				
	PID03	559	Agency Qualifier Code	X	ID 2/2		
			Code identifying the agency assigning the code values				
			TI Telecommunications Industry				
	PID04	751	Product Description Code	X	AN 1/12		
			A code from an industry code list which provides specific product characteristic	data a	about a		
			AG Network Interface Device Request				
	PID07	822	Source Subqualifier	0	AN 1/15		
			A reference that indicates the table or text maintained by Qualifier	the So	ource		
			SO-RSQ Service Order - Reseller Questions lis	st			
	PID08	1073	Yes/No Condition or Response Code	0	ID 1/1		
			Code indicating a Yes or No condition or response				
			NIDR (RE-47) = NID Request				

Segment: REF Reference Identification

Position: 1000

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.

If either C04003 or C04004 is present, then the other is required.
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:

Notes: REF*IX*LNUM (RE-9)*LNUM

REF*GP*TSP (RE-25) REF*AE*SAN (RE-26)

Data Element Summary

Ref. Data

<u>Des.</u> <u>Element Name</u>

<u>Attributes</u>

M REF01 128 Reference Identification Qualifier M ID 2/3

Code qualifying the Reference Identification

AE Authorization for Expense (AFE) Number

GP Government Priority Number

IX Item Number

REF02 127 Reference Identification X AN 1/30

Reference information as defined for a particular Transaction Set or as

specified by the Reference Identification Qualifier

LNUM (RE-9) = Line Number

TSP (RE-25) = Telecommunications Service Priority SAN (RE-26) = Subscriber Authorization Number

REF03 352 Description X AN 1/80

A free-form description to clarify the related data elements and their

content

"LNUM"

Segment: DTM Date/Time Reference

Position: 2000

Loop: POC Optional

Level: Detail
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.

If DTM04 is present, then DTM03 is required.

3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:

Comments:

Notes: DTM*376*TC PER{CCYYMMDD}(RE-40)

Data Element Summary

Ref. Data

Des. Element Name

<u>Attributes</u>

M DTM01 374 Date/Time Qualifier M ID 3/3

Code specifying type of date or time, or both date and time

376 Delivery End

The date that deliveries will end

DTM02 373 Date X DT 8/8

Date expressed as CCYYMMDD

TC PER (RE-40) = Transfer of Calls Period

Segment: N1 Name

Position: 3400

Loop: N1 Optional

Level: Detail
Usage: Optional

Max Use:

Purpose: To identify a party by type of organization, name, and code

Syntax Notes: 1 At least one of N102 or N103 is required.

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.

Notes: N1*P9**41*PIC (RE-30)

	Data Lietiletti Sullitiai y					
	Ref. Des.	Data Element	Name	•		
	Attributes					
М	N101	98	Entity Identifier	Code	M	ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual			
			P9	Primary Interexchange Carrier (PIC)		
				Identifies the carrier who will handle interexchange calls	the	
	N103	66	Identification Code Qualifier		X	ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)			or
			41	Telecommunications Carrier Identific	ation C	ode
			Identifies the Interexchange carrier for the charges being billed			harges
	N104	67	Identification Co	ode	X	AN 2/80
			Code identifying	ode identifying a party or other code		
			PIC (RE-30) = InterLATA Pre-subscription Indicator Code			

Segment: N1 Name

Position: 3400

Loop: N1 Optional

Level: Detail
Usage: Optional

Max Use:

Purpose: To identify a party by type of organization, name, and code

Syntax Notes: 1 At least one of N102 or N103 is required.

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.

Notes: N1*8V**41*LPIC (RE-31)

			- a.u			
	Ref.	Data				
	Des.	Element	<u>Name</u>			
	Attributes					
M	N101	98	Entity Identifier Code	M	ID 2/3	
			Code identifying an organizational entity, a physical location, proper or an individual			
			8V Primary Intra-LATA (Local Access	Transpo	rt Area)	
			Carrier			
	N103	66	Identification Code Qualifier		ID 1/2	
			Code designating the system/method of code structure used for Identification Code (67)			
	,		41 Telecommunications Carrier Ident	Identification Code		
			Identifies the Interexchange carrier to being billed		charges	
	N104	67	Identification Code	X	AN 2/80	
			ode identifying a party or other code			
			LPIC (RF-31) = Intral ATA Pre-subscription Indicator Code			

Segment: SLN Subline Item Detail

Position: 4600

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.

If either SLN09 or SLN10 is present, then the other is required.
If either SLN11 or SLN12 is present, then the other is required.
If either SLN13 or SLN14 is present, then the other is required.
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.

Notes: SLN*TCPRI*n*A*1*EA

Updated: March 11, 2002

	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>		
M	SLN01	350	Assigned Identification	M	AN 1/20
			Alphanumeric characters assigned for differentiation within transaction set	n a	
			"TCPRI"		
	SLN02	350	Assigned Identification	0	AN 1/20
			Alphanumeric characters assigned for differentiation within transaction set	n a	
			"n" = nth assigned ID within SLN loop		
M	SLN03	662	Relationship Code	M	ID 1/1
			Code indicating the relationship between entities		
			A Add		
	SLN04	380	Quantity	X	R 1/15
			Numeric value of quantity		

			1 Always One	
	SLN05	C001	Composite Unit of Measure	X
M	C00101	355	To identify a composite unit of measure (Sexamples of use) Unit or Basis for Measurement Code	See Figures Appendix for M ID 2/2
			Code specifying the units in which a value manner in which a measurement has been EA Each	

Position: 4700

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.

If either SI06 or SI07 is present, then the other is required.
If either SI08 or SI09 is present, then the other is required.
If either SI10 or SI11 is present, then the other is required.
If either SI12 or SI13 is present, then the other is required.
If either SI14 or SI15 is present, then the other is required.
If either SI16 or SI17 is present, then the other is required.

If either SI18 or SI19 is present, then the other is required. If either SI20 or SI21 is present, then the other is required.

Semantic Notes:

Comments: 1 Sl01 defines the source for each of the service characteristics

qualifiers.

Notes: SI*TI*TC*TC TO PRI (RE-38)

	Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	<u>Name</u>		
M	SI01	559	Agency Qualifier Code	M	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
M	SI02	1000	Service Characteristics Qualifier	M	AN 2/2
			Code from an industry code list qualifying the type of service characteristics	/ice	
			TC Transfer Announcement Number		
M	SI03	234	Product/Service ID	M	AN 1/48
			Identifying number for a product or service		
			TC TO PRI (RE-38) = Transfer of Calls to Primary Number	r	

Segment: N1 Name

Position: 5360

Loop: N1 Optional

Level: Detail Usage: Optional

Max Use:

Purpose: To identify a party by type of organization, name, and code

Syntax Notes: 1 At least one of N102 or N103 is required.

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.

Notes: N1*TT*TC NAME (RE-38b)

Data Element Summary

Ref. Data Des. **Element Name Attributes** М **Entity Identifier Code** ID 2/3 N101 98 Code identifying an organizational entity, a physical location, property or an individual TT Transfer To N102 93 Name X AN 1/60

Free-form name

TC NAME (RE-38b) = Transfer of Calls to Name

Segment: REF Reference Identification

Position: 5700

Loop: N1 Optional

Level: Detail
Usage: Optional
Max Use: 12

Purpose: To specify identifying information

Syntax Notes: 1 At least one of REF02 or REF03 is required.

If either C04003 or C04004 is present, then the other is required.
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:

Notes: REF*55*TCID (RE-38a)*PRI

	Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	<u>Name</u>		
М	REF01	128	Reference Identification Qualifier	M	ID 2/3
			Code qualifying the Reference Identification		
			55 Sequence Number		
	REF02	127	Reference Identification	X	AN 1/30
			Reference information as defined for a particular Transa specified by the Reference Identification Qualifier	ction S	et or as
			TCID (RE-38a) = Transfer of Calls to Identifier		
	REF03	352	Description	X	AN 1/80
			A free-form description to clarify the related data elements and their content "PRI"		

Segment: SLN Subline Item Detail

Position: 4600

Loop: SLN Optional

Level: Detail Usage: Optional

Max Use: 1

Updated: March 11, 2002

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.

If either SLN09 or SLN10 is present, then the other is required.
If either SLN11 or SLN12 is present, then the other is required.
If either SLN13 or SLN14 is present, then the other is required.
If either SLN15 or SLN16 is present, then the other is required.

If either SLN13 or SLN16 is present, then the other is required.

If either SLN17 or SLN18 is present, then the other is required.

If either SLN19 or SLN20 is present, then the other is required.

If either SLN21 or SLN22 is present, then the other is required.

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.

Notes: SLN*TCSEC*n*A*1*EA [SLN Loop may repeat]

	Ret.	Data			
	Des.	Element	<u>Name</u>		
	Attributes				
M	SLN01	350	Assigned Identification	M	AN 1/20
			Alphanumeric characters assigned for differentiation within transaction set	ı a	
			"TCSEC"		
	SLN02	350	Assigned Identification	0	AN 1/20
			Alphanumeric characters assigned for differentiation within transaction set	ı a	
			"n" = nth assigned ID within SLN loop		
M	SLN03	662	Relationship Code	M	ID 1/1
			Code indicating the relationship between entities		
			A Add		
	SLN04	380	Quantity	X	R 1/15
			Numeric value of quantity		

			1 Always One	
	SLN05	C001	Composite Unit of Measure	X
M	C00101	355	To identify a composite unit of measure (See examples of use) Unit or Basis for Measurement Code	Figures Appendix for M ID 2/2
			Code specifying the units in which a value is learner in which a measurement has been to EA Each	

Position: 4700

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.

If either SI06 or SI07 is present, then the other is required.
If either SI08 or SI09 is present, then the other is required.
If either SI10 or SI11 is present, then the other is required.
If either SI12 or SI13 is present, then the other is required.
If either SI14 or SI15 is present, then the other is required.
If either SI16 or SI17 is present, then the other is required.

If either SI18 or SI19 is present, then the other is required. If either SI20 or SI21 is present, then the other is required.

Semantic Notes:

Comments: 1 Sl01 defines the source for each of the service characteristics

qualifiers.

Notes: SI*TI*TC*TC TO SEC (RE-39)

	Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	<u>Name</u>		
M	SI01	559	Agency Qualifier Code	M	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
M	SI02	1000	Service Characteristics Qualifier	M	AN 2/2
			Code from an industry code list qualifying the type of service characteristics	rice	
			TC Transfer Announcement Number		
M	SI03	234	Product/Service ID	M	AN 1/48
			Identifying number for a product or service		
			TC TO SEC (RE-39) = Transfer of Calls to Secondary Nur	mber	

Segment: N1 Name

Position: 5360

Loop: N1 Optional

Level: Detail 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.

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.

Notes: N1*TT*TC NAME (RE-42)

Data Element Summary

Ref. Data Des. **Element Name Attributes** М **Entity Identifier Code** ID 2/3 N101 98 Code identifying an organizational entity, a physical location, property or an individual TT Transfer To N102 93 Name X AN 1/60

Free-form name

TC NAME (RE-42) = Transfer of Calls to Name

Segment: REF Reference Identification

Position: 5700

Loop: N1 Optional

Level: Detail
Usage: Optional
Max Use: 12

Purpose: To specify identifying information

Syntax Notes: 1 At least one of REF02 or REF03 is required.

If either C04003 or C04004 is present, then the other is required.
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:

Notes: REF*55*TCID (RE-41)*SEC

	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>				
M	REF01	128	Reference Identification Qualifier	M	ID 2/3		
			Code qualifying the Reference Identification				
			55 Sequence Number				
	REF02	127	Reference Identification	X	AN 1/30		
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier TCID (RE-41) = Transfer of Calls to Identifier				
	REF03	352	Description	Х	AN 1/80		
			A free-form description to clarify the related data elements and their content "SEC"				

SLN Subline Item Detail Segment:

Position: 4600

> Loop: SLN Optional

Level: Detail Optional Usage:

Max Use:

Purpose: To specify product subline detail item data

Syntax Notes: If either SLN04 or SLN05 is present, then the other is required. 1

> 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. If either SLN11 or SLN12 is present, then the other is required. If either SLN13 or SLN14 is present, then the other is required.

If either SLN15 or SLN16 is present, then the other is required. If either SLN17 or SLN18 is present, then the other is required. 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: SLN01 is the identifying number for the subline item.

> SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials.

SLN03 is the configuration code indicating the relationship of the subline item to the baseline item.

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.

> 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.

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.

SLN*IW*n*A*IWJQ (RE-49)*EA****EQ*IWJK (RE-48) [SLN Loop may repeat per Notes:

Inside Wiring pair]

Updated: March 11, 2002

	Ref.	Data			
	Des.	<u>Element</u>	<u>Name</u>		
	<u>Attributes</u>				
М	SLN01	350	Assigned Identification	M	AN 1/20
			Alphanumeric characters assigned for differentiation within transaction set	а	
			"IW"		
	SLN02	350	Assigned Identification	0	AN 1/20
			Alphanumeric characters assigned for differentiation within transaction set	а	
			"n" = nth assigned ID within SLN loop		
M	SLN03	662	Relationship Code	M	ID 1/1
			Code indicating the relationship between entities		
			A Add		
	SLN04	380	Quantity	X	R 1/15

			Numeric value of quantity		
			IWJQ (RE-49) = Inside Wire Jack Quantity		
	SLN05	C001	Composite Unit of Measure	X	
			To identify a composite unit of measure (See Figures Apexamples of use)	pend	ix for
М	C00101	355	Unit or Basis for Measurement Code	М	ID 2/2
			Code specifying the units in which a value is being expre manner in which a measurement has been taken EA Each	ssed,	or
	SLN09	235	Product/Service ID Qualifier	X	ID 2/2
			Code identifying the type/source of the descriptive numb Product/Service ID (234) EQ Equipment Type	er use	ed in
SLN	SLN10	SLN10 234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
			IWJK (RE-48) = Inside Wire Jack Code		

SLN Subline Item Detail Segment:

Position: 4600

> Loop: SLN Optional

Level: Detail Usage: Optional

Max Use:

Purpose: To specify product subline detail item data

Syntax Notes: If either SLN04 or SLN05 is present, then the other is required. 1

> 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. If either SLN11 or SLN12 is present, then the other is required. If either SLN13 or SLN14 is present, then the other is required.

If either SLN15 or SLN16 is present, then the other is required. If either SLN17 or SLN18 is present, then the other is required. 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: SLN01 is the identifying number for the subline item.

> 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.

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.

> 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.

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.

Notes: SLN*BL*n*A*1*EA

Updated: March 11, 2002

	Ret.	Data			
	Des.	Element	<u>Name</u>		
	Attributes				
M	SLN01	350	Assigned Identification	M	AN 1/20
			Alphanumeric characters assigned for differentiation within transaction set	n a	
			"BL"		
	SLN02	350	Assigned Identification	0	AN 1/20
			Alphanumeric characters assigned for differentiation within transaction set	n a	
			"n" = nth assigned ID within SLN loop		
M	SLN03	662	Relationship Code	M	ID 1/1
			Code indicating the relationship between entities		
			A Add		
	SLN04	380	Quantity	X	R 1/15
			Numeric value of quantity		

			1 Always One	
	SLN05	C001	Composite Unit of Measure	X
M	C00101	355	To identify a composite unit of measure (sexamples of use) Unit or Basis for Measurement Code	See Figures Appendix for M ID 2/2
			Code specifying the units in which a value manner in which a measurement has been EA Each	

Position: 4700

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.

If either SI06 or SI07 is present, then the other is required.
If either SI08 or SI09 is present, then the other is required.
If either SI10 or SI11 is present, then the other is required.
If either SI12 or SI13 is present, then the other is required.
If either SI14 or SI15 is present, then the other is required.
If either SI16 or SI17 is present, then the other is required.
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 Sl01 defines the source for each of the service characteristics

qualifiers.

Notes: SI*TI*BB*BA (RE-54)*TB*BLOCK (RE-55)

	Ref.	Data			
	Des.	<u>Element</u>	<u>Name</u>		
	<u>Attributes</u>				
М	SI01	559	Agency Qualifier Code	М	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
M	SI02	1000	Service Characteristics Qualifier	M	AN 2/2
			Code from an industry code list qualifying the type of service characteristics	vice	
			BB Blocking Activity		
M	SI03	234	Product/Service ID	M	AN 1/48
			Identifying number for a product or service		
			BA (RE-54) = Blocking Activity		
	SI04	1000	Service Characteristics Qualifier	X	AN 2/2
			Code from an industry code list qualifying the type of service characteristics	/ice	
			TB Blocking/Billing Exception		
	SI05	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
			BLOCK (RE-55) = Block		

Segment: SLN Subline Item Detail

Position: 4600

Loop: SLN Optional

Level: Detail Usage: Optional

Max Use: 1

Updated: March 11, 2002

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.

If either SLN09 or SLN10 is present, then the other is required.
If either SLN11 or SLN12 is present, then the other is required.
If either SLN13 or SLN14 is present, then the other is required.

If either SLN15 or SLN16 is present, then the other is required.

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.

Notes: SLN*FA*n*A*1*EA [SLN Loop may repeat per FA/FEATURE pair]

	Ref.	Data			
	Des.	Element	<u>Name</u>		
	Attributes				
M	SLN01	350	Assigned Identification	M	AN 1/20
			Alphanumeric characters assigned for differentiation within transaction set	a	
			"FA"		
	SLN02	2 350	Assigned Identification	0	AN 1/20
			Alphanumeric characters assigned for differentiation within transaction set	ı a	
			"n" = nth assigned ID within SLN loop		
M	SLN03	662	Relationship Code	М	ID 1/1
			Code indicating the relationship between entities		
			A Add		
	SLN04	380	Quantity	X	R 1/15
			Numeric value of quantity		

			1 Always One	
	SLN05	C001	Composite Unit of Measure	X
M	C00101	355	To identify a composite unit of measure (Sexamples of use) Unit or Basis for Measurement Code	See Figures Appendix for M ID 2/2
			Code specifying the units in which a value manner in which a measurement has beer EA Each	•

Position: 4700

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.

If either SI06 or SI07 is present, then the other is required.
If either SI08 or SI09 is present, then the other is required.
If either SI10 or SI11 is present, then the other is required.
If either SI12 or SI13 is present, then the other is required.
If either SI14 or SI15 is present, then the other is required.
If either SI16 or SI17 is present, then the other is required.
If either SI18 or SI19 is present, then the other is required.

If either SI20 or SI21 is present, then the other is required.

Semantic Notes:

Updated: March 11, 2002

Comments: 1 Sl01 defines the source for each of the service characteristics

qualifiers.

Notes: SI*TI*SA*FA (RE-58)*SC*FEATURE (RE-59)

SI*TI*FD*FEATURE DETAIL (RE-60) [SI Segment may repeat]

	Ref.	Data		-		
	Des.	Element	<u>Name</u>			
	<u>Attributes</u>					
M	SI01	559	Agency Qualifier	Code	M	ID 2/2
			Code identifying the	e agency assigning the code values		
			TI	Telecommunications Industry		
M	SI02	1000	Service Characte	ristics Qualifier	M	AN 2/2
			Code from an inducharacteristics	stry code list qualifying the type of serv	rice	
			FD	Feature Data		
			SA	Service Activity		
M	SI03	234	Product/Service	ID	M	AN 1/48
			Identifying number	for a product or service		
			D = (DWS: D-Dis V = (DWS: V-Co CT = (DWS: T-C	dd) Change (old values))		
	SI04	1000	Service Characte	,	Χ	AN 2/2
				stry code list qualifying the type of serv Service Category	rice	-
	SI05	234	Product/Service	ID	Χ	AN 1/48
			Identifying number	for a product or service		
			FEATURE (RE-59)	= Feature Codes		

Segment: POC Line Item Change - Regular Hunting

Position: 0100

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.

If either POC08 or POC09 is present, then the other is required.
If either POC10 or POC11 is present, then the other is required.
If either POC12 or POC13 is present, then the other is required.
If either POC14 or POC15 is present, then the other is required.
If either POC16 or POC17 is present, then the other is required.
If either POC18 or POC19 is present, then the other is required.
If either POC20 or POC21 is present, then the other is required.
If either POC22 or POC23 is present, then the other is required.
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.

POC*n*RZ*****ZZ*HG [If this segment appears, HNTYP (LSR-116) = 5]

Semantic Notes: Comments:

Updated: March 11, 2002

Notes:

otes: 1 POC01 is the purchase order line item identification.

	Ref.	Data		•		
	Des.	Element	<u>Name</u>			
	<u>Attributes</u>					
	POC01	350	Assigned Identifi	cation	0	AN 1/20
			Alphanumeric char transaction set	racters assigned for differentiation with	in a	
			"n" = nth assigned	ID within POC loop		
М	POC02	670	Change or Respo	onse Type Code	М	ID 2/2
			Code specifying th	ne type of change to the line item		
			RZ	Replace All Values		
				Receiver should replace the correspo the original purchase order with the v contained in the Purchase Order Cha Transaction Set	alues	values in
	POC08	235	Product/Service	ID Qualifier	X	ID 2/2
			Code identifying the Product/Service ID ZZ	ne type/source of the descriptive number (234) Mutually Defined	er used	d in
	POC09	234	Product/Service	ID	X	AN 1/48
			Identifying number	for a product or service		
			"HG"			

Position: 0180

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.

If either SI06 or SI07 is present, then the other is required.
If either SI08 or SI09 is present, then the other is required.
If either SI10 or SI11 is present, then the other is required.
If either SI12 or SI13 is present, then the other is required.
If either SI14 or SI15 is present, then the other is required.
If either SI16 or SI17 is present, then the other is required.

If either SI18 or SI19 is present, then the other is required. If either SI20 or SI21 is present, then the other is required.

Semantic Notes:

Comments: 1 Sl01 defines the source for each of the service characteristics

qualifiers.

Notes: SI*TI*SA*HA (LSR-112)

SI*TI*SG*HID (LSR-113) SI*TI*SF*HNTYP (LSR-116)

Data Element Summary

	Ref.	Data				
	Des.	Element	<u>Name</u>			
	<u>Attributes</u>					
M	SI01	559	Agency Qua	alifier Code	M	ID 2/2
			Code identify	ring the agency assigning the code values		
			TI	Telecommunications Industry		
M	SI02	1000	Service Cha	racteristics Qualifier	M	AN 2/2
			Code from a characteristic	n industry code list qualifying the type of ser	vice	
			SA	Service Activity		
			SF	Service Feature/Option		
			SG	Service Group		
M	SI03	234	Product/Ser	rvice ID	M	AN 1/48
			Identifying nu	imber for a product or service		

identifying number for a product or service

HA (LSR-112) = Hunt Group Activity

A = (DWS: N-New) C = (DWS: C-Change) D = (DWS: D-Remove)

V = (DWS: V-Conversion As Specified)

HNTYP (LSR-116) = Hunting Type Code

HTY004 = (DWS: 4-Multi-Line) HTY003 = (DWS: 5-Regular/Series)

HID (LSR-113) = Hunt Group Identifier

Segment: REF Reference Identification

Position: 1000

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.

If either C04003 or C04004 is present, then the other is required.
If either C04005 or C04006 is present, then the other is required.

1 REF04 contains data relating to the value cited in REF02.

Semantic Notes: Comments:

Notes: REF*IX*HNUM (LSR-110)*HNUM

"HNUM"
"LOCNUM"

REF*IX*LOCNUM (LSR-109)*LOCNUM

			Data Element Summary		
	Ref.	Data			
	Des.	Element	<u>Name</u>		
	Attributes				
M	REF01	128	Reference Identification Qualifier	M	ID 2/3
			Code qualifying the Reference Identification		
			IX Item Number		
	REF02	127	Reference Identification	X	AN 1/30
			Reference information as defined for a particular Transac	tion Se	et or as
			specified by the Reference Identification Qualifier		
			HNUM (LSR-110) = Hunt Number		
			LOCNUM (LSR-109) = Location Number		
	REF03	352	Description	X	AN 1/80
			A free-form description to clarify the related data element content	s and	their

Segment: SLN Subline Item Detail

Position: 4600

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.

If either SLN09 or SLN10 is present, then the other is required.
If either SLN11 or SLN12 is present, then the other is required.
If either SLN13 or SLN14 is present, then the other is required.
If either SLN15 or SLN16 is present, then the other is required.
If either SLN17 or SLN18 is present, then the other is required.
If either SLN19 or SLN20 is present, then the other is required.
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.

Notes: SLN*HNT*n*A*1*EA

Updated: March 11, 2002

	Ref.	Data			
	Des.	Element	<u>Name</u>		
	Attributes				
M	SLN01	350	Assigned Identification	M	AN 1/20
			Alphanumeric characters assigned for differentiation within transaction set	na	
			"HNT"		
	SLN02	LN02 350	Assigned Identification	0	AN 1/20
			Alphanumeric characters assigned for differentiation within transaction set	ı a	
			"n" = nth assigned ID within SLN loop		
M	SLN03	662	Relationship Code	M	ID 1/1
			Code indicating the relationship between entities		
			A Add		
	SLN04	380	Quantity	X	R 1/15
			Numeric value of quantity		

			1 Always One	
	SLN05	C001	Composite Unit of Measure	X
М	C00101	355	To identify a composite unit of measure (Se examples of use) Unit or Basis for Measurement Code	ee Figures Appendix for M ID 2/2
			Code specifying the units in which a value is manner in which a measurement has been EA Each	•

Segment: N9 Reference Identification

Position: 5230

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:

Notes: N9*55*HTSEQ

Data Element Summary

Ref. Data **Element Name** Des. **Attributes** Reference Identification Qualifier М М ID 2/3 N901 128 Code qualifying the Reference Identification 55 Sequence Number N902 127 Reference Identification Χ AN 1/30

Neierence identification A AN 1/30

Reference information as defined for a particular Transaction Set or as

specified by the Reference Identification Qualifier

"HTSEQ"

Segment: MTX Text

Position: 5250

Loop: N9 Optional

Level: Detail
Usage: Optional
Max Use: >1

Purpose: To specify textual data

Syntax Notes: 1 If MTX01 is present, then MTX02 is required.

If MTX03 is present, then MTX02 is required.If MTX05 is present, then MTX04 is required.

Semantic Notes: 1 MTX05 is the number of lines to advance before printing.

Comments: 1 If MTX04 is "AA - Advance the specific number of lines before print",

then MTX05 is required.

Notes: MTX**HTSEQ (LSR-118)

Data Element Summary

Ref. Data

Des. Element Name

<u>Attributes</u>

MTX02 1551 Message Text X AN 1/4096

To transmit large volumes of message text

HTSEQ (LSR-118) = Hunting Sequence

Segment: POC Line Item Change - Multi-line Hunting

Position: 0100

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.

If either POC08 or POC09 is present, then the other is required.
If either POC10 or POC11 is present, then the other is required.
If either POC12 or POC13 is present, then the other is required.
If either POC14 or POC15 is present, then the other is required.
If either POC16 or POC17 is present, then the other is required.
If either POC18 or POC19 is present, then the other is required.
If either POC20 or POC21 is present, then the other is required.
If either POC22 or POC23 is present, then the other is required.
If either POC24 or POC25 is present, then the other is required.

12 If either POC24 or POC25 is present, then the other is required.

POC*n*RZ******ZZ*ML [If this segment appears, HNTYP (LSR-116) = 4]

Semantic Notes: Comments:

Updated: March 11, 2002

Notes:

total POC01 is the purchase order line item identification.

Data Element Summary

	Ref.	Data		•		
	Des.	Element	<u>Name</u>			
	<u>Attributes</u>					
	POC01	350	Assigned Identifi	ication	0	AN 1/20
			Alphanumeric cha transaction set	racters assigned for differentiation withi	n a	
			"n" = nth assigned	I ID within POC loop		
M	POC02	670	Change or Respo	onse Type Code	M	ID 2/2
			Code specifying th	ne type of change to the line item		
			RZ	Replace All Values		
				Receiver should replace the correspondence original purchase order with the vaccontained in the Purchase Order Cha Transaction Set	alues	values in
	POC08	235	Product/Service	ID Qualifier	X	ID 2/2
			Code identifying the Product/Service ID ZZ	ne type/source of the descriptive number 0 (234) Mutually Defined	er used	d in
	POC09	234	Product/Service	ID	X	AN 1/48
			Identifying number	for a product or service		

"ML"

Position: 0180

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.

If either SI06 or SI07 is present, then the other is required.
If either SI08 or SI09 is present, then the other is required.
If either SI10 or SI11 is present, then the other is required.
If either SI12 or SI13 is present, then the other is required.
If either SI14 or SI15 is present, then the other is required.
If either SI16 or SI17 is present, then the other is required.

If either SI18 or SI19 is present, then the other is required. If either SI20 or SI21 is present, then the other is required.

Semantic Notes:

Updated: March 11, 2002

Comments: 1 Sl01 defines the source for each of the service characteristics

qualifiers.

Notes: SI*TI*SA*HA (LSR-112)

SI*TI*SG*HID (LSR-113) SI*TI*SF*HNTYP (LSR-116) SI*TI*TQ*TLI (LSR-115)

	Ref. <u>Des.</u> Attributes	Data Element	<u>Name</u>	·		
M	SI01	559	Agency	Qualifier Code	M	ID 2/2
			Code ide	ntifying the agency assigning the code values		
			TI	Telecommunications Industry		
M	SI02	1000	Service	Characteristics Qualifier	M	AN 2/2
			characte		rice	
			SA	Service Activity		
			SF	Service Feature/Option		
			SG	Service Group		
			TQ	Telephone Line Identifier		
M	SI03	234	Product/	Service ID	M	AN 1/48
			Identifying	g number for a product or service		
			A = (D' C = (D' D = (D' V = (D' HNTYP (-112) = Hunt Group Activity WS: N-New) WS: C-Change) WS: D-Remove) WS: V-Conversion As Specified) LSR-116) = Hunting Type Code 104 = (DWS: 4-Multi-Line)		
			HTY0	03 = (DWS: 5-Regular/Series) R-113) = Hunt Group Identifier r-115) = Telephone Line Identifier		
			ILI (LON-	110) – Telephone Line luchullel		

Segment: **REF** Reference Identification

Position: 1000

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.

If either C04003 or C04004 is present, then the other is required.
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:

Notes: REF*IX*HNUM (LSR-110)*HNUM

REF*IX*LOCNUM (LSR-109)*LOCNUM

Data Element Summary

	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>		
М	REF01	128	Reference Identification Qualifier	M	ID 2/3
			Code qualifying the Reference Identification		
			IX Item Number		
	REF02	127	Reference Identification	X	AN 1/30
			Reference information as defined for a particular Transact specified by the Reference Identification Qualifier	ion Se	et or as
			HNUM (LSR-110) = Hunt Number LOCNUM (LSR-109) = Location Number		
	REF03	352	Description	X	AN 1/80
			A free form description to clarify the related data element		

A free-form description to clarify the related data elements and their

content

"HNUM"
"LOCNUM"

Segment: SLN Subline Item Detail

Position: 4600

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.

If either SLN09 or SLN10 is present, then the other is required.
If either SLN11 or SLN12 is present, then the other is required.
If either SLN13 or SLN14 is present, then the other is required.
If either SLN15 or SLN16 is present, then the other is required.
If either SLN17 or SLN18 is present, then the other is required.
If either SLN19 or SLN20 is present, then the other is required.
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 than 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.

Notes: SLN*MHNT*n*A*1*EA

Updated: March 11, 2002

	Ref.	Data			
	Des.	Element	<u>Name</u>		
	Attributes				
M	SLN01	350	Assigned Identification	M	AN 1/20
			Alphanumeric characters assigned for differentiation within transaction set	a	
			"MHNT"		
	SLN02	SLN02 350	Assigned Identification	0	AN 1/20
			Alphanumeric characters assigned for differentiation within transaction set	ıa	
			"n" = nth assigned ID within SLN loop		
M	SLN03	662	Relationship Code	М	ID 1/1
			Code indicating the relationship between entities		
			A Add		
	SLN04	380	Quantity	X	R 1/15
			Numeric value of quantity		

			1 Always One	
	SLN05	C001	Composite Unit of Measure	X
M	C00101	355	To identify a composite unit of measure (Sexamples of use) Unit or Basis for Measurement Code	See Figures Appendix for M ID 2/2
			Code specifying the units in which a value manner in which a measurement has beer EA Each	

Segment: N9 Reference Identification

Position: 5230

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:

Notes: N9*55*HTSEQ

Data Element Summary

Ref. Data Element Name Des. **Attributes** Reference Identification Qualifier М М ID 2/3 N901 128 Code qualifying the Reference Identification 55 Sequence Number N902 127 Reference Identification Χ AN 1/30

Reference information as defined for a particular Transaction Set or as

specified by the Reference Identification Qualifier

"HTSEQ"

Segment: MTX Text

Position: 5250

Loop: N9 Optional

Level: Detail
Usage: Optional
Max Use: >1

Purpose: To specify textual data

Syntax Notes: 1 If MTX01 is present, then MTX02 is required.

If MTX03 is present, then MTX02 is required.If MTX05 is present, then MTX04 is required.

Semantic Notes: 1 MTX05 is the number of lines to advance before printing.

Comments: 1 If MTX04 is "AA - Advance the specific number of lines before print",

then MTX05 is required.

Notes: MTX**HTSEQ (LSR-118)

Data Element Summary

Ref. Data

Des. Element Name

Attributes

MTX02 1551 Message Text X AN 1/4096

To transmit large volumes of message text

HTSEQ (LSR-118) = Hunting Sequence

Segment: POC Line Item Change - DL Form (Delivery

Address/Information Section)

Position: 0100

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.

If either POC08 or POC09 is present, then the other is required.
If either POC10 or POC11 is present, then the other is required.
If either POC12 or POC13 is present, then the other is required.
If either POC14 or POC15 is present, then the other is required.
If either POC16 or POC17 is present, then the other is required.
If either POC18 or POC19 is present, then the other is required.
If either POC20 or POC21 is present, then the other is required.
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: Comments:

Notes:

1 POC01 is the purchase order line item identification.
POC*n*RZ******ZZ*DA [POC Loop repeats DDQTY (DL-23) times]

	Ref.	Data			
	Des.	Element	<u>Name</u>		
	Attributes				
	POC01	350	Assigned Identification	0	AN 1/20
			Alphanumeric characters assigned for differentiation with transaction set	in a	
			"n" = nth assigned ID within POC loop		
M	POC02 670 Change or Response Type Code		М	ID 2/2	
Code specifying the type of change to the line			Code specifying the type of change to the line item		
			RZ Replace All Values		
	Receiver should replace the correct the original purchase order with a contained in the Purchase Order Transaction Set		/alues	values in	
	POC08	235	Product/Service ID Qualifier	X	ID 2/2
			Code identifying the type/source of the descriptive numb Product/Service ID (234) ZZ Mutually Defined	er used	d in
	POC09	234	Product/Service ID		AN 1/48
			Identifying number for a product or service		
			"DA"		

SI Service Characteristic Identification Segment:

Position: 0180

> POC Loop: 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.

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. If either SI10 or SI11 is present, then the other is required. If either SI12 or SI13 is present, then the other is required. If either SI14 or SI15 is present, then the other is required. If either SI16 or SI17 is present, then the other is required.

If either SI18 or SI19 is present, then the other is required. If either SI20 or SI21 is present, then the other is required.

Semantic Notes:

Comments: SI01 defines the source for each of the service characteristics

qualifiers.

Notes: SI*TI*AD*DACT (DL-81)

	Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	<u>Name</u>		
M	SI01	559	Agency Qualifier Code	M	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
M	SI02	1000	Service Characteristics Qualifier	M	AN 2/2
			Code from an industry code list qualifying the type of service characteristics	vice	
			AD Address Activity		
M	SI03	234	Product/Service ID	M	AN 1/48
			Identifying number for a product or service		
			DACT (DL-81) = Delivery Activity		

Segment: QTY Quantity

Position: 2930

Loop: QTY Optional

Level: Detail
Usage: Optional

Max Use:

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:

Notes: QTY*31*DIRQTYA (DL-103)*DY

Data Element Summary

	Ref.	Data				
	<u>Des.</u>	<u>Element</u>	<u>Name</u>			
	<u>Attributes</u>					
М	QTY01	673	Quantity Qualifier	М	ID 2/2	
			Code specifying the type of quantity			
			31 Additional Demand Quantity			
	QTY02	380	Quantity	X	R 1/15	
			Numeric value of quantity			
			DIRQTYA (DL-103) = Number of Directories for Annual Delivery			
	QTY03	C001	Composite Unit of Measure	0		
			To identify a composite unit of measure (See Figures Apexamples of use)	pendix	< for	
M	C00101	355	Unit or Basis for Measurement Code	M	ID 2/2	
			Code specifying the units in which a value is being expremanner in which a measurement has been taken DY Directory Books	ssed, (or	
					1	

Number of directory books delivered to customer

QTY Quantity Segment:

Position: 2930

Loop: QTY Optional

Level: Detail Usage: Optional

Max Use:

Purpose: To specify quantity information

Syntax Notes: 1 At least one of QTY02 or QTY04 is required.

Only one of QTY02 or QTY04 may be present.

QTY04 is used when the quantity is non-numeric. **Semantic Notes:**

Comments:

Notes: QTY*38*DIRQTYNC (DL-104)*DY

Data Element Summary

	Ref.	Data				
	Des.	Element	<u>Name</u>			
	Attributes					
M	QTY01	673	Quantity Qu	ualifier	M	ID 2/2
			Code specify	ring the type of quantity		
			38	Original Quantity		
	QTY02	380	Quantity		X	R 1/15
			Numeric valu	ue of quantity		
			DIRQTYNC (Connect	(DL-104) = Number of Directories Delivered	on New	1
	QTY03	C001	Composite I	Unit of Measure	0	
			To identify a examples of	composite unit of measure (See Figures A use)	ppendi	x for
M	C00101	355	Unit or Basi	s for Measurement Code	M	ID 2/2
			Code specify	ring the units in which a value is being expr	essed,	or

manner in which a measurement has been taken

DY **Directory Books**

Number of directory books delivered to customer

Name Segment:

Position: 3400

> N1 Loop: Optional

Level: Detail Usage: Optional

Max Use:

Purpose: To identify a party by type of organization, name, and code

Syntax Notes: At least one of N102 or N103 is required.

If either N103 or N104 is present, then the other is required.

Semantic Notes:

This segment, used alone, provides the most efficient method of Comments: 1

providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the

transaction processing party.

N105 and N106 further define the type of entity in N101.

N1*DA*DELNAME Notes:

Data Element Summary

Ref. Data Des. **Element Name Attributes** М **Entity Identifier Code** ID 2/3 N101 98 Code identifying an organizational entity, a physical location, property or an individual DA **Delivery Address** N102 93 Name X AN 1/60 Free-form name

"DELNAME"

N4 Geographic Location Segment:

Position: 3700

> N1 Loop: Optional

Level: Detail Usage: Optional

Max Use:

N403

116

Purpose: To specify the geographic place of the named party

Syntax Notes: 1 Only one of N402 or N407 may be present.

If N406 is present, then N405 is required. If N407 is present, then N404 is required.

Semantic Notes:

Comments: A combination of either N401 through N404, or N405 and N406 may

be adequate to specify a location.

2 N402 is required only if city name (N401) is in the U.S. or Canada.

N4**STATE (DL-99)*ZIP (DL-100) Notes:

Data Element Summary

Ref. Data Des. **Element Name Attributes** N402 156 Χ ID 2/2 State or Province Code Code (Standard State/Province) as defined by appropriate government agency STATE (DL-99) = State/Province

Code defining international postal zone code excluding punctuation and

blanks (zip code for United States)

Postal Code

ZIP (DL-100) = ZIP/Postal Code

ID 3/15

0

NX2 Location ID Component Segment:

Position: 3750

> Loop: N1 Optional

Level: Detail Usage: Optional Max Use: >1

Purpose: To define types and values of a geographic location

Syntax Notes: Semantic Notes:

Comments:

Notes: NX2*01*DDANO (DL-85) NX2*02*DDASN (DL-88)

NX2*03*DDASD (DL-87) NX2*07*CITY (DL-98) NX2*18*DDALO (DL-90a) NX2*40*DDASS (DL-90) NX2*59*DDAPR (DL-84) NX2*61*DDASF (DL-86) NX2*62*DDATH (DL-89)

Data Element Summary

	Ref.	Data				
	Des.	Element	<u>Name</u>			
	<u>Attributes</u>					
M	NX201	1106	Address	S Component Qualifier	M	ID 2/2
			Code qu	alifying the type of address component		
			01	Street Number		
			02	Street Name		
			03	Prefix Direction		
			07	City Name		
			18	Unstructured Mailing Address		
			40	Street Suffix		
			59	Street Number Low		
			61	Street Number Fraction		
			62	Street Name Suffix		
M	NX202	166	Address	s Information	M	AN 1/55
			Address	information		

Address information

DDANO (DL-85) = Delivery Address Number DDASN (DL-88) = Delivery Address Street Name

DDASD (DL-87) = Delivery Address Street Directional Prefix

CITY (DL-98) = City

DDALO (DL-90a) = Delivery Address Location

DDASS (DL-90) = Delivery Address Street Directional Suffix

DDAPR (DL-84) = Delivery Address Number Prefix DDASF (DL-86) = Delivery Address Number Suffix DDATH (DL-89) = Delivery Address Street Type

Segment: POC Line Item Change - DL Form (Service Details Section)

Position: 0100

Loop: POC Optional

Level: Detail Usage: Optional

Max Use: 1

Updated: March 11, 2002

Purpose: To specify changes to a line item

Syntax Notes: 1 If POC03 is present, then both POC04 and POC05 are required.

If POC07 is present, then POC06 is required.

If either POC08 or POC09 is present, then the other is required.
If either POC10 or POC11 is present, then the other is required.
If either POC12 or POC13 is present, then the other is required.
If either POC14 or POC15 is present, then the other is required.
If either POC16 or POC17 is present, then the other is required.
If either POC18 or POC19 is present, then the other is required.
If either POC20 or POC21 is present, then the other is required.
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:

Notes: POC*n*RZ******ZZ*DL*SH*RTY (DL-12) [POC Loop may repeat]

	Ref.	Data		•			
	Des.	Element	<u>Name</u>				
	<u>Attributes</u>				_		
	POC01	350	Assigned Identific	cation	0	AN 1/20	
			transaction set	acters assigned for differentiation within	n a		
			"n" = nth assigned	ID within POC loop			
M	POC02	670	Change or Respo	nse Type Code	M	ID 2/2	
			Code specifying the	e type of change to the line item			
			RZ	Replace All Values			
				Receiver should replace the correspon the original purchase order with the va contained in the Purchase Order Char			
	DO000	005	D. 1	Transaction Set	v	ID 0/0	
	POC08 235	235	Product/Service		X	ID 2/2	
			Code identifying the Product/Service ID	e type/source of the descriptive numbe (234)	r used	in	
			ZZ	Mutually Defined			
	POC09	234	Product/Service ID			AN 1/48	
			Identifying number for a product or service				
			"DL"				
	POC10	235	Product/Service	ID Qualifier	Χ	ID 2/2	
			Code identifying th Product/Service ID SH	e type/source of the descriptive numbe (234) Service Requested	r used	in	
				A numeric or alphanumeric code from services available to the customer	a list o	of	
	POC11	234	Product/Service I		X	AN 1/48	

Identifying number for a product or service

RTY (DL-12) = Record Type

SI Service Characteristic Identification Segment: Position: 0180 Loop: POC Optional Level: Detail Usage: Optional Max Use: >1 Purpose: To specify service characteristic data **Syntax Notes:** If either SI04 or SI05 is present, then the other is required. 1 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. If either SI10 or SI11 is present, then the other is required. If either SI12 or SI13 is present, then the other is required. 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. If either SI18 or SI19 is present, then the other is required. If either SI20 or SI21 is present, then the other is required. **Semantic Notes:** Comments: SI01 defines the source for each of the service characteristics qualifiers. Notes: SI*TI*LB*LACT (DL-10) SI*TI*LE*LTY (DL-13) SI*TI*TW*STYC (DL-15) SI*TI*BR*TOA (DL-16) SI*TI*DG*DOI (DL-17) SI*TI*DN*DIRNAME (DL-34) SI*TI*BO*BRO (DL-28) **Data Element Summary** Ref. Data Des. **Element Name Attributes** М **SI01** 559 **Agency Qualifier Code** М ID 2/2 Code identifying the agency assigning the code values Telecommunications Industry **SI02** 1000 AN 2/2 М Service Characteristics Qualifier М Code from an industry code list qualifying the type of service characteristics BO Business/Residence Placement Override BR **Directory Listings Type of Account** DG Degree of Indent DN Directory Book Name LB Listing Activity Indicator LE Listing Type TW Style Code М **SI03** 234 М AN 1/48 Product/Service ID Identifying number for a product or service LACT (DL-10) = Listing Activity Indicator LTY (DL-13) = Listing Type STYC (DL-15) = Style Code TOA (DL-16) = Type of Account DOI (DL-17) = Degree of Indent DIRNAME (DL-34) = Directory Name BRO (DL-28) = Business/Residence Placement Override

Updated: March 11, 2002

Segment: PID Product/Item Description

Position: 0500

Loop: PID Optional

Level: Detail
Usage: Optional

Max Use: 1

Comments:

Updated: March 11, 2002

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

Syntax Notes: 1 If PID04 is present, then PID03 is required.

At least one of PID04 or PID05 is required.
If PID07 is present, then PID03 is required.
If PID08 is present, then PID04 is required.
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.

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

sed.

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.

Notes: PID*S**

PID*S**TI*AR***SO-RSQ*OMTN (DL-41) PID*S**TI*AS***SO-RSQ*LNPL (DL-44) PID*S**TI*AT***SO-RSQ*ADI (DL-61) PID*S**TI*AW***SO-RSQ*DML (DL-25) PID*S**TI*AX***SO-RSQ*NOSL (DL-26) PID*S**TI*AY***SO-RSQ*TMKT (DL-27) PID*S**TI*BA***SO-RSQ*PROF (DL-32)

Data Element Summary

	Ref.	Data		•		
	Des.	<u>Element</u>	<u>Name</u>			
	<u>Attributes</u>					
M	PID01	349	Item Des	scription Type	М	ID 1/1
			Code indi	icating the format of a description		
			S	Structured (From Industry Code List)		
	PID03	559	Agency Qualifier Code		X	ID 2/2
			Code idea	ntifying the agency assigning the code values		
			TI	Telecommunications Industry		
	PID04	751	Product	Description Code	X	AN 1/12
			A code fr	om an industry code list which provides specific	data	about a
			product c	haracteristic		
			AR	Omit Telephone Number		
			AS	Listed Name Placement		
			AT	Address Indicator		

Direct Mail List

ΑW

AX No Solicitation Indicator

AY Telemarketing

BA Professional Identifier

PID07 822 Source Subqualifier

A reference that indicates the table or text maintained by the Source

Qualifier

SO-RSQ Service Order - Reseller Questions list

PID08 1073 Yes/No Condition or Response Code O ID 1/1

Code indicating a Yes or No condition or response

OMTN (DL-41) = Omit TN Y=(DWS: O-Omit)

Blank=(DWS: Blank-Do Not Omit)

LNPL (DL-44) = Letter Name Placement

Y=(DWS: L-Letter Placement)

Blank=(DWS: Blank-Default to Word Placement)

ADI (DL-61) = Address Indicator

Y=(DWS: O-Omit in DA and Directory)
Blank=(DWS: Blank-Do Not Omit)

DML (DL-25) = Direct Mail List

Y=(DWS: O-Omit)

Blank=(DWS: Blank-Do Not Omit)

TMKT (DL-27) = Telemarketing

Y=(DWS: O-Omit From Telemarketing)
Blank=(DWS: Blank-Do Not Omit)

NOSL (DL-26) = No Solicitation Indicator PROF (DL-32) = Professional Identifier AN 1/15

0

Segment: REF Reference Identification

Position: 1000

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.

If either C04003 or C04004 is present, then the other is required.
If either C04005 or C04006 is present, then the other is required.

1 REF04 contains data relating to the value cited in REF02.

Semantic Notes: Comments:

Notes: REF*LI*ALI (DL-11)

Data Element Summary

Data Ref. **Element Name** Des. **Attributes** М REF01 128 Reference Identification Qualifier ID 2/3 М Code qualifying the Reference Identification LI Line Item Identifier (Seller's) REF02 127 **Reference Identification** Χ AN 1/30 Reference information as defined for a particular Transaction Set or as

specified by the Reference Identification Qualifier

ALI (DL-11) = Alpha/Numeric Listing Identifier Code

Segment: N9 Reference Identification

Position: 3200

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:

Notes: N9*82*PLA

Data Element Summary

Ref. Data

Des. Element Name

Attributes

M N901 128 Reference Identification Qualifier M ID 2/3

Code qualifying the Reference Identification

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

N902 127 Reference Identification X AN 1/30

Reference information as defined for a particular Transaction Set or as

specified by the Reference Identification Qualifier

"PLA"

Segment: MTX Text

Position: 3260

Loop: N9 Optional

Level: Detail
Usage: Optional
Max Use: >1

Purpose: To specify textual data

Syntax Notes: 1 If MTX01 is present, then MTX02 is required.

If MTX03 is present, then MTX02 is required.If MTX05 is present, then MTX04 is required.

Semantic Notes: 1 MTX05 is the number of lines to advance before printing.

Comments: 1 If MTX04 is "AA - Advance the specific number of lines before print",

then MTX05 is required.

Notes: MTX**PLA (DL-55)

Data Element Summary

Ref. Data

Des. Element Name

Attributes

MTX02 1551 Message Text X AN 1/4096

To transmit large volumes of message text

PLA (DL-55) = Place Listing As

Segment: **N9** Reference Identification

Position: 3200

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:

Notes: N9*82*LTXTY*LTXTY (DL-57)

			Data Li	ement Summary		
	Ref.	Data				
	Des.	Element	<u>Name</u>			
	Attributes					
M	N901	128	Reference	e Identification Qualifier	M	ID 2/3
			Code quali	fying the Reference Identification		
			82	Data Item Description (DID) Reference	e	
				Specific data elements that the gover a contractor to provide and are spelle specific requirement documents		
	N902	127	Reference	e Identification	X	AN 1/30
				information as defined for a particular Transac y the Reference Identification Qualifier	tion S	et or as
			"LTXTY"			
	N903	369	Free-form	Description	X	AN 1/45
			Free-form	descriptive text		
			LTXTY (DL	-57) = Listing Text Type		

MTX Text Segment:

Position: 3260

N9 Optional Loop:

Level: Detail Usage: Optional Max Use: >1

Purpose: To specify textual data

Syntax Notes: 1 If MTX01 is present, then MTX02 is required.

If MTX03 is present, then MTX02 is required. If MTX05 is present, then MTX04 is required.

Semantic Notes: MTX05 is the number of lines to advance before printing. 1

Comments: If MTX04 is "AA - Advance the specific number of lines before print",

then MTX05 is required.

Notes: MTX**LTEXT (DL-59)

Data Element Summary

Ref. Data

Element Name Des.

Attributes

MTX02 1551 Χ AN 1/4096 **Message Text**

To transmit large volumes of message text

LTEXT (DL-59) = Line of Text

Segment: **N9** Reference Identification

Position: 3200

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:

Notes: N9*H7*ORI*DL

	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>	•		
M	N901	128	Reference	Identification Qualifier	M	ID 2/3
			Code qualify	ying the Reference Identification		
			H7	Standard Clause		
	N902	127	Reference Identification		X	AN 1/30
				nformation as defined for a particular Trans the Reference Identification Qualifier	saction S	et or as
			ORI	Order Instructions		
	N903	369	Free-form Description		X	AN 1/45
			Free-form d	escriptive text		
			"DL"			

Segment: MTX Text

Position: 3260

Loop: N9 Optional

Level: Detail
Usage: Optional
Max Use: >1

Purpose: To specify textual data

Syntax Notes: 1 If MTX01 is present, then MTX02 is required.

If MTX03 is present, then MTX02 is required.If MTX05 is present, then MTX04 is required.

Semantic Notes: 1 MTX05 is the number of lines to advance before printing.

Comments: 1 If MTX04 is "AA - Advance the specific number of lines before print",

then MTX05 is required.

Notes: MTX**REMARKS (DL-113)

Data Element Summary

Ref. Data

Des. Element Name

Attributes

MTX02 1551 Message Text X AN 1/4096

To transmit large volumes of message text

REMARKS (DL-113) = Remarks

Name Segment:

Position: 3400

> N1 Loop: Optional

Level: Detail Usage: Optional

Max Use:

Purpose: To identify a party by type of organization, name, and code

Syntax Notes: At least one of N102 or N103 is required.

If either N103 or N104 is present, then the other is required.

Semantic Notes:

This segment, used alone, provides the most efficient method of Comments: 1 providing organizational identification. To obtain this efficiency the

"ID Code" (N104) must provide a key to the table maintained by the

transaction processing party.

N105 and N106 further define the type of entity in N101.

N1*DH*LISTINGS Notes:

Data Element Summary

Ref. Data Des. **Element Name Attributes** М **Entity Identifier Code** ID 2/3 N101 98 Code identifying an organizational entity, a physical location, property or an individual DH Doing Business As N102 93 Name X AN 1/60

Free-form name

"LISTINGS"

Segment: IN2 Individual Name Structure Components

Position: 3550

Loop: N1 Optional

Level: Detail
Usage: Optional
Max Use: >1

Purpose: To sequence individual name components for maximum specificity

Syntax Notes: Semantic Notes: Comments:

Updated: March 11, 2002

Notes: IN2*01*TITLE1 (DL-49)*TITLE1

IN2*01*TITLE1D (DL-52)*TITLE1D IN2*02*LNFN (DL-46)*LNFN (DL-46)

IN2*05*LNLN (DL-45) IN2*10*TL (DL-48)*TL IN2*10*TLD (DL-51)*TLD IN2*12*DESD (DL-50a)*DESD

IN2*18*NICK (DL-54) IN2*21*DES (DL-47)

	Ref.	Data				
	Des.	Element	<u>Name</u>			
	<u>Attributes</u>					
M	IN201	1104	Name Compon		M	ID 2/2
			Code identifying	the type of name component		
			01	Prefix		
			02	First Name		
			05	Last Name		
			10	Generation		
			12	Combined (Unstructured) Name		
			18	Preferred First Name or Nickname		
			21	Professional Title		
M	IN202	93	Name		M	AN 1/60
			Free-form name			
			TITLE1D (DL-52) LNFN (DL-46) = LNLN (DL-45) = TL (DL-48) = Title TLD (DL-51) = Tender (DL-50a) NICK (DL-54) = 1ender (DL-54) = 1ender (DL-47) = 1ender (DL-47)	TTLE1 (DL-49) = Title of Address 1 TTLE1D (DL-52) = Title of Address 1 for Dual Name NFN (DL-46) = Listed Name First NLN (DL-45) = Listed Name Last TL (DL-48) = Title of Lineage TLD (DL-51) = Title of Lineage for Dual Name DESD (DL-50a) = Designation for Dual Name NICK (DL-54) = Nickname DES (DL-47) = Designation		
	IN203	93	Name		0	AN 1/60
			Free-form name			
			LNFN (DL-46) = "TITLE1" "TITLE1D" "TL" "TLD" "DESD"	Listed Name First		

Segment: N4 Geographic Location

Position: 3700

Loop: N1 Optional

Level: Detail Usage: Optional

Max Use: 1

Purpose: To specify the geographic place of the named party

Syntax Notes: 1 Only one of N402 or N407 may be present.

If N406 is present, then N405 is required.If N407 is present, then N404 is required.

Semantic Notes:

Comments: 1 A combination of either N401 through N404, or N405 and N406 may

be adequate to specify a location.

2 N402 is required only if city name (N401) is in the U.S. or Canada.

Notes: N4**LAST (DL-71)

Data Element Summary

Ref. Data
Des. Element Name

Attributes
N402 156 State or Province Code

X ID 2/2

Code (Standard State/Province) as defined by appropriate government

agency

LAST (DL-71) = Listed Address State/Province

Segment: NX2 Location ID Component

Position: 3750

Loop: N1 Optional

Level: Detail
Usage: Optional
Max Use: >1

Purpose: To define types and values of a geographic location

Syntax Notes: Semantic Notes: Comments:

Notes: NX2*01*LANO (DL-63)

NX2*02*LASN (DL-66) NX2*03*LASD (DL-65) NX2*07*LALOC (DL-70) NX2*18*LALO (DL-69) NX2*40*LASS (DL-68) NX2*59*LAPR (DL-62) NX2*61*LASF (DL-64) NX2*62*LATH (DL-67)

Data Element Summary

	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>	· · · · · · · · · · · · · · · · · · ·		
M	NX201	1106	Address Compor	nent Qualifier	M	ID 2/2
			Code qualifying the	e type of address component		
			01	Street Number		
			02	Street Name		
			03	Prefix Direction		
			07	City Name		
			18	Unstructured Mailing Address		
			40	Street Suffix		
			59	Street Number Low		
			61	Street Number Fraction		
			62	Street Name Suffix		

Address Information Address information

LANO (DL-63) = Listed Address Number LASN (DL-66) = Listed Address Street Name

LASD (DL-65) = Listed Address Street Directional Prefix

LALOC (DL-70) = Listed Address Locality LALO (DL-69) = Listed Address Location

LASS (DL-68) = Listed Address Street Directional Suffix

LAPR (DL-62) = Listed Address Number Prefix LASF (DL-64) = Listed Address Number Suffix LATH (DL-67) = Listed Address Street Type

NX202

166

М

М

AN 1/55

Segment: SI Service Characteristic Identification

Position: 3950

Loop: N1 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.

If either SI06 or SI07 is present, then the other is required.
If either SI08 or SI09 is present, then the other is required.
If either SI10 or SI11 is present, then the other is required.
If either SI12 or SI13 is present, then the other is required.
If either SI14 or SI15 is present, then the other is required.
If either SI16 or SI17 is present, then the other is required.

If either SI18 or SI19 is present, then the other is required. If either SI20 or SI21 is present, then the other is required.

Semantic Notes:

Comments: 1 Sl01 defines the source for each of the service characteristics

qualifiers.

Notes: SI*TI*TN*LTN (DL-39)

SI*TI*NS*NSTN (DL-40)

	Ref.	Data				
	Des.	Element	<u>Name</u>			
	<u>Attributes</u>					
M	SI01	559	Agency Qualifie	r Code	M	ID 2/2
			Code identifying t	he agency assigning the code values		
			TI	Telecommunications Industry		
M	SI02	1000	Service Charact	eristics Qualifier	M	AN 2/2
			Code from an ind characteristics	ustry code list qualifying the type of ser	vice	
			NS	Non-Standard Telephone Number		
			TN	Telephone Number		
M	SI03	234	Product/Service	: ID	M	AN 1/48
			Identifying numbe	r for a product or service		
			` ,	ited Telephone Number Non Standard Telephone Number		

Segment: CTT Transaction Totals

Position: 0100

Loop: CTT Optional

Level: Summary Usage: Optional

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.

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.

Notes: CTT*Number of POC segments

Data Element Summary

Ref. Data

Des. Element Name

Attributes

M CTT01 354 Number of Line Items M N0 1/6

Total number of line items in the transaction set

Segment: **SE** Transaction Set Trailer

Position: 0300

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:

Updated: March 11, 2002

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

Notes: SE*Number of Segments*TRAN SET CONTROL #

			Data Liement Jumnary		
	Ref.	Data			
	Des.	Element	<u>Name</u>		
	Attributes				
M	SE01	96	Number of Included Segments	M	N0 1/10
			Total number of segments included in a transaction set in and SE segments	ncludii	ng ST
M	SE02	329	Transaction Set Control Number	M	AN 4/9
			Identifying control number that must be unique within the set functional group assigned by the originator for a trans		