Centrex 21 Resale Services

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31. Centrex 21 Resale Order

31.1 Business Description

Centrex 21 is a flat-rated business service provided via a shared common block and has specified standard features provided for all station lines provisioned within the shared common block. The service is furnished at a minimum of three (3) to a maximum of fifty (50) station lines per customer location.

The following forms will be used between Qwest and the CLEC for Centrex 21 ordering purposes:

- LSR Local Service Request
- EU End User Information
- CRS Centrex Resale Service(CX in EDI Maps and Data Dictionary)
- DL Directory Listing

The following Order Activity Matrices define the available Order, Line and/or Listing Activities for Centrex 21:

Business Rules for Combining Order, Line, and/or Listing Activity for Centrex 21

Order Activity Definition

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REQ TYPE	A C T	Definition	Application	LNA	Forms required
PB	N	New Installation	New service at premises.	N	LSR, EU, CRS DL
	D	Disconnect	Disconnect all services at the account level with transfer of calls	D	LSR, EU, CRS
			Disconnect all services at the account level with no transfer of calls	Not Applicable	LSR, EU, CRS
	W	Conversion As Is	Change LSP with no change to product, service, or Directory Listing	Not Applicable	LSR, EU, CRS

REQ TYPE A Definition		Definition	Application	LNA	Forms required
C					
	V	Conversion As Specified	Change LSP with changes to Resale Centrex 21 service or Directory Listing	N, V, D	LSR, EU, CRS, DL
			Change of a product* to Resale Centrex 21 (with or without change to LSP)		LSR, EU, CRS, DL If converting from UNE service and porting number, an additional LSR is required: LSR, EU, LNP
	Z	Conversion As Specified, No Directory Listing	Change LSP with change to Resale Centrex 21 service and no change to Directory Listing	N, V, D	LSR, EU, CRS
		Lioung	Change of a product* to Resale Centrex 21 with no change to Directory Listing (with or without change to LSP)		LSR, EU, CRS If converting from UNE service and porting number, an additional LSR is required: LSR, EU, LNP
	С	Change	Change to existing service, add/remove features, add/remove line(s) to existing service/account, PIC/LPIC change, change/add/remove Directory Listing, change billing information, change telephone number	N, C, D, X, P	LSR, EU, CRS, DL (if changing listings)
РВ	Т	Outside Move	Outside move of end user location, may include changes (as indicated for "N" activity) to the Resale Centrex 21 service	T, N, D	LSR, EU, CRS, DL
	L	Seasonal Suspend	Seasonal Suspend of an end user service who has elected temporary interruption of service	L	LSR, EU, CRS
	Υ	Deny	Denial of an end user service	Not Applicable	LSR, EU, CRS
	В	Restore	Restoral of an end user service that was previously denied or seasonal suspend	L	LSR, EU, CRS
	R	Record	Not Allowed	Not Applicable	
	М	Inside Move	Not Allowed	Not Applicable	

^{*}The following products may be converted to Resale Centrex 21:

- Any dial tone based Resale Service
- Any dial tone based Resale Service
- Any Unbundled Loop

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Line Activity

LNA	Definition	Application
N	New Line.	New line at premises.
		FA must equal N.
D	Line	A disconnection of a station line or feature.
	Disconnect.	CDC FA (Facture Activity) is used to delete
		CRS - FA (Feature Activity) is used to delete lines and features and include applicable
		charges (i.e. transfer of calls). (FA = N (if TC
		OPT = S or T on CRS) or D).
W	Conversion	CRS - FA (Feature Activity) is not allowed.
	As Is	
V	Line	Change LSP with changes to line or Directory
	Conversion	Listing
	As Specified	
		All fields on the CRS Form must be specified.
		CRS - FA must specify 'Conversion to LSP'
		(FA = V), 'New feature or charge' (FA = N), or
<u> </u>	Chango	' Feature Disconnect' (FA = D).
С	Change	A change to a line with only the changed fields populated.
		neids populated.
		CRS - 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 the USOC
		is staying the same and the FID or FID detail
		is changing use FA of 'C' and 'T'
X	Phone	This LNA should only be used for Number
	Number	Changes without any other activity.
	Change	ΓΛ entries would not be engrapriete. If
		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
	1.10 0.1.3.1.90	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	Seasonal Suspend of an end user line who
	Suspend	has elected temporary interruption of service.
		CRS - FA (Feature Activity) is not allowed
Т	Outside	An outside move of a station line within the
'	Move within	same Central Office.
	the Central	
	Office	CRS form - FA can be 'Disconnect' (FA = D)
		or 'Add/Install' (FA = N).

LISTING ACTIVITIES

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 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 '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 'O' is required.		
O	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.		

31.2 Business Model

See Appendix H

31.3 Developer Worksheets

See Appendices B and C - Developer Worksheets - Order

31.4 Trading Partner Access Information

ORDERING FUNCTION	PRODUCT ID
Centrex 21 Service Request	850CX21
Centrex 21 Service Request Supplemental	860CX21
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.

31.4.1 OVERVIEW: Qwest Specific Functional Group Envelope - Routing Information

Separate maps have been created per ordering function. EDI envelopes are used for the initiation of 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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31.4.2 ISA TABLE INFORMATION

ANSI X12 ISA and IEA definitions:

- The ISA segment is the Interchange Control Header.
 Purpose: To start and 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 post-order 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)

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31.4.3 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	850CX21	PO	Co-Provider TP ID	CX2190
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	СОМР90	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	860CX21	PC	Co-Provider TP ID	CX2190
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

31.4.4 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.

SI segments, as represented in the disclosure chapter of mapping examples, require exact syntax for the SI segments containing one pair of a qualifier to a valid value for accurate translation through the Qwest EDI Gateway. A SI segment that has multiple pairs of qualifiers and valid values does not require exact position placement.

Industry Standards Table:

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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
Centrex 21	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

31.5 Mapping Examples

Updated: March 11, 2002

31.5.1 850 CENTREX 21 Service Request (850CX21) – Version 4020

Legend of Symbols in this transaction example

Symbol/Definition	Example
{ } = Valid Format	{CCYYMMDD}
Bold/Italics = Developer's Worksheet	PON
Element	
Superscript = Developer's Worksheet Ref #	LSR-1
DWS used in this mapping example:	
LSR=Local Service Request	
EU=End User	
CX=Centrex Resale Services	
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 EDI
related data dictionary.	transaction.
> = Sub-element separator in this example	non-printable characters of "0x1f" = Actual
and related data dictionary.	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*NAN<sup>LSR-78</sup>*NAN
REF*11*EAN<sup>EU-40</sup>*EAN
REF*AO*APT CONLSR-15a
REF*JB*PROJECTLSR-20
REF*SU*RTR<sup>LSR-28</sup>*RTR
REF*CO*RPON<sup>LSR-51</sup>*RPON
REF*1V*RORD<sup>LSR-52</sup>*RORD
REF*12*BAN1<sup>LSR-61</sup>*BAN1
PAM*T5*LOCQTY<sup>LSR-5</sup>*EA
PAM*48*PG_of LSR-10(1st 2 Bytes)*EA
PAM*47*PG_of (2nd 2 Bytes)*EA
PAM*KC*DQTY<sup>EU-5</sup>*EA
PAM*QO*RSQTYCX3*EA
PAM*BH*DDQTY<sup>DL-23</sup>*EA
PAM*QU*HTQTY<sup>LSR-6</sup>*EA
                                                             [If this segment appears then \textit{EXP}^{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*992****TM*DFDT(HHMM)<sup>LSR-19</sup>
DTM*270* DATED(CCYYMMDD) LSR-36
```

```
DTM*151*DDDO{CCYYMMDD}<sup>LSR-16</sup>
SI*TI*RE*REQTYPLSR-23
SI*TI*AA*<u>ACT</u><sup>LSR-24</sup>
SI*TI*LO*LST
SI*TI*LS*LSO<sup>LSR-43</sup>
SI*TI*TY*TOSLSR-44
SI*TI*IW*IWOEU-36
SI*TI*CB*CBCX-7
SI*TI*CL*COS<sup>CX-28a</sup>
PID*S**TI*AH***SO-RSQ*CHC<sup>LSR-22</sup>
PID*S**TI*CONVIND***SO-RSQ*CONVINDLSR-24a
PID*S**TI*AO***SO-RSQ*AGAUTHLSR
PID*S**TI*BI***SO-RSQ*FBI<sup>EU-42</sup>
PID*S**TI*PENDING***SO-RSQ*PENDING ORDERLSR-108b
N9*H7*ORI*EU****2W>MANUAL IND<sup>EU-63a</sup>
MTX**REMARKS<sup>EU-63</sup>
N9*H7*ORI*LSR****2W>MANUAL INDLSR-108a
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 LSR-83
PER*CN*IMPCON<sup>LSR-91</sup>*TE*TEL NO<sup>LSR-92</sup>*BN*PAGER<sup>LSR-93</sup>
PER*AL*ALT IMPCON<sup>LSR-94</sup>*TE*TEL NO<sup>LSR-95</sup>*BN*PAGER<sup>LSR-96</sup>
N1*AN*AUTHNMLSR
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>
\mathsf{NX2*40*} \textbf{SASS}^{\mathsf{EU-45g}}
NX2*59*SAPR<sup>EU-45a</sup>
NX2*61*SASFEU-45c
NX2*62*SATH<sup>EU-45f</sup>
PER*BI* BILLCON EU-51*TE* TEL NO EU-52
SI*TI*AF*AFT<sup>EU-44a</sup>
```

End User Form (Location and Access Section)

```
PO1*n*1*EA***ZZ* EU_SA
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
N9*L1*ACC*EU
MTX**ACC<sup>EU-30</sup>
N1*IT*NAME<sup>EU-3</sup>
N4**STATE<sup>EU-25*</sup>ZIP<sup>EU-26**</sup>RJ*CALA
NX2*01*SANO<sup>EU-11</sup>
NX2*02*SASN<sup>EU-14</sup>
NX2*03*SASD<sup>EU-13</sup>
NX2*05*BOX<sup>EU-23b</sup>
NX2*06*ROUTE<sup>EU-23b</sup>
NX2*07*CITY<sup>EU-24</sup>
```

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*<u>LD1</u>^{EU-17}*_LV1^{EU-18} NX2*<u>LD2</u>^{EU-19}*_LV2^{EU-20} NX2*<u>LD3</u>^{EU-21}*_LV3</sub>^{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 OPT*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-58b REF*55*TCID*EU-58a*PRI SLN*TCSEC*n*A*1*EA [SLN Loop may repeat] SI*TI*TC*TC TO SEC*EU-59 N1*TT*TC NAME*EU-61 REF*55*TCID*EU-60*SEC

CENTREX Resale Service (Details Section)

PO1*n*1*EA***ZZ* CX [PO1 Loop may repeat] SI*TI*NQ***NPI**CX-32 SI*TI*SA**LNA*^{CX-33} SI*TI*TN* TNSCX-35 SI*TI*OT* OTN CX-38 SI*TI*T6**TC OPT*CX-56a SI*TI*TS***SGNL**CX-58 SI*TI*AT* LTCCX-45 SI*TI*TQ***TLF**X-36a SI*TI*T5*TERSCX-36 SI*TI*LZ* **LSCP**CX-46 PID*S**TI*AG***SQ-RSQ*NIDRCX-63a REF*IX* LOCNUM CX-29* LOCNUM REF*IX* LNUMCX-30* LNUM
REF*AE*SANCX-54 DTM*376**TC PER*{CCYYMMDD}^{CX-56h} N9*H7*ORI* CX****2W>**MANUAL IND**CX-68b MTX****REMARKS**CX-68a N1*P9**41***PIC**CX-41 N1*8V**41**LPIC*^{CX-42} SLN*TCPRI*n*A*1*EA SI*TI*TC*TC TO PRICX-56b N1*TT* TC NAMECX-56d REF*55***TCID**CX-56c*PRI SLN*TCSEC*n*A*1*EA [SLN Loop may repeat] SI*TI*TC*TC TO SEC^{CX-56e} N1*TT* TC NAME CX-56g REF*55* TCIDCX-56f * SEC

SLN*BL*n*A*1*EA

SI*TI*BB***BA**CX-47*TB***BLOCK**CX-48

SLN*/W*n*A*/WJQ^{CX-65}*EA****EQ*/WJK^{CX-64}

[SLN Loop may repeat per Inside Wiring pair]

SLN**FA**n*A*1*EA SI*TI*SA*<u>*FA*</u>^{CX-66}*SC**FEATURE*^{CX-67} SI*TI*FD***FEATURE DETAIL**CX-68

[SLN Loop may repeat per FA/FEATURE pair]

[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**HTSE*Q 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*TLI SR-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**PL-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}

[PO1 Loop repeats **DDQTY**^{DL-23} times]

DL Form (Service Details Section)

```
PO1*n*1*EA***ZZ*DL*SH*RTY<sup>DL-12</sup>*LS*SO<sup>DL-56a</sup> [PO1 Loop may repeat]
SI*TI*LB*LACT
SI*TI*LE*LTY<sup>DL-13</sup>
SI*TI*TW*STYC<sup>DL-15</sup>
SI*TI*BR*TOADL-16
SI*TI*DG*DOIDL-17
SI*TI*DN*DIRNAME<sup>DL-34</sup>
SI*TI*BO*BRO<sup>DL-28</sup>
SI*TI*DU*#SDL-46a
SI*TI*C3*HTN<sup>DL-46b</sup>
SI*TI*C4*HNSTN<sup>DL-46c</sup>
\mathsf{SI}^*\mathsf{TI}^*\mathsf{C5}^*\textit{FATN}^{\mathsf{DL}\text{-}56c}
SI*TI*C6*FANSTN<sup>DL-56d</sup>
PID*S**TI*AR***SO-RSQ*<u>OMTN</u>DL-41
PID*S**TI*AS***SO-RSQ*<u>LNPL</u>DL-44
PID*S**TI*AT***SO-RSQ*
PID*S**TI*AW***SO-RSQ*DMLDL-25
PID*S**TI*AX***SO-RSQ*NOSLDL-26
PID*S**TI*AY***SO-RSQ*TMKT<sup>DL-27</sup>
PID*S**TI*BA***SO-RSQ*PROF<sup>DL-32</sup>
REF*LI*ALP<sup>DL-11</sup>
N9*82*PLA
MTX**PLA<sup>DL-55</sup>
N9*82*LTXTY*LTXTY<sup>DL-57</sup>
MTX**LTEXT<sup>DL-59</sup>
N9*82*FAINFO
MTX**FAINFODL-56b
N9*H7*ORI* DL
MTX**REMARKSDL-113
N9*82*HADDR
MTX**HADDR<sup>DL-46d</sup>
N1*DH*LISTINGS
IN2*01*TITLE1 DL-49*TITLE1
IN2*01*TITLE1D<sup>DL-52</sup>*TITLE1D
IN2*02*LNFN<sup>DL-46</sup>*LNFN<sup>DL-46</sup>
IN2*05*LNLN<sup>DL-45</sup>
IN2*10*TL<sup>DL-48</sup>*TL
IN2*10*TLD<sup>DL-51</sup>*TLD
IN2*12*DESD<sup>DL-50a</sup>*DESD
IN2*18*NICK<sup>DL-54</sup>
IN2*21*DESDL-47
N4**LAST<sup>DL-71</sup>
NX2*01*LANO<sup>DL-63</sup>
NX2*02*LASN<sup>DL-66</sup>
NX2*03*LASD<sup>DL-65</sup>
NX2*07*LALOC<sup>DL-70</sup>
NX2*18*LALO<sup>DL-69</sup>
NX2*40*LASS<sup>DL-68</sup>
NX2*59*LAPR<sup>DL-62</sup>
NX2*61*LASF<sup>DL-64</sup>
NX2*62*LATH<sup>DL-67</sup>
```

SI*TI*TN**LTN*^{DL-39} SI*TI*NS**NSTN*^{DL-40}

SLN**CAPTION**n*A*1*EA****LS**SO*^{DL-77}
SI*TI*DG**LVL*^{DL-73}
SI*TI*DU**PLS*^{DL-74}
SI*TI*C5**FATN*^{DL-79}
SI*TI*C3**PLTN*^{DL-76}
SI*TI*C4**PLNSTN*^{DL-76a}
SI*TI*C6**FANSTN*^{DL-79a}
N9*82**FAINFO*MTX***FAINFO*MTX***PLINFO*MTX***PLINFO*

[SLN Loop may repeat]

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

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

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

31.5.2 860 CENTREX 21 Supplemental Service Request (860CX21) – Version 4010

The 860 SUPP is identical to the 850 CX21 except for the following:

ST*860*TRAN SET CONTROL #
BCH*<u>SUP</u>^{LSR-25}*SS***PON**^{LSR-22*}VER^{LSR-3*}PO Date (See Trading Partner Access Information)
POC*n*RZ*****ZZ*?? Where?? = "EU_SA" or "CX" or "HG" or "ML" or "DA" or "EU_DISC"
POC*n*RZ******ZZ*??*SH*RTY^{DL-12*}LS*SO^{DL-56a} 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 #

31.6 **Data Dictionary**

31.6.1 850 Centrex 21 Service (850CX21)

Functional Group ID= PO

Introduction:

The 850CX21 service request will be used by the Co-Provider to initiate a service request for Centrex21 to Qwest

This implementation guideline references the following:

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

Notes:

This 850 Transaction includes the mappings for Local Service Request, End User, Centrex Resale Services, 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
M	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 - 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	
3600	PER	Administrative Communications Contact	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 Note RepeatCom	
			LOOP ID - PO1			100000	
M	0100	PO1	Baseline Item Data - End User Form	М	1		n1
	0180	SI	(Location and Access) Service Characteristic Identification	Ο	>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	Ο	>1		
			LOOP ID - PO1			100000	·
M	0100	PO1	Baseline Item Data - End User Form (Disconnect Information Section)	M	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		111
			LOOP ID - PO1			100000	
М	0100	PO1	Baseline Item Data - Centrex Resale	M	1		n3
			Service Form (Details Section) Service Characteristic Identification				
	0180	SI		0	>1	1000	
	0500	DID	LOOP ID - PID	_		1000	
	0500	PID	Product/Item Description	0	1		
	1000	REF	Reference Identification	0	>1		
	2100	DTM	Date/Time Reference	0	10		
			LOOP ID - N9			1000	
	3300	N9	Reference Identification	0	1		
	3400	MTX	Text	0	>1		
			LOOP ID - N1			200	
	3500	N1	Name	0	1		
			LOOP ID - N1			200	
	3500	N1	Name	0	1		
			LOOP ID - SLN			>1	
	4700	SLN	Subline Item Detail	0			
	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 >1		
	4000	Oi	LOOP ID - N1			10	
	5350	N1	Name	0		10	
	5800	REF	Reference Identification	0	12		
			LOOP ID - SLN			. 1	
	4700	CLN			1	>1	
	4700 4800	SLN SI	Subline Item Detail Service Characteristic Identification	0	1		
	4600	Si		0	>1		
			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 - PO1			100000	
М	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		11
	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	
М	0100	PO1	Baseline Item Data - DL Form (Delivery	М	1		n6
	0180	SI	Address/Information Section) Service Characteristic Identification	0	>1		
	0.00	O.	LOOP ID - QTY			>1	
	2930	QTY	Quantity	0	1		
			LOOP ID - QTY	-		. 1	
	2930	QTY	Quantity	0	1	>1	
	2930	QII			<u>'</u>		
	0=00		LOOP ID - N1			200	
	3500	N1	Name	0	1		
	3800 3850	N4 NX2	Geographic Location Location ID Component	0	1 >1		
	3030	INAZ	Location in Component	O	> 1		
	0.4.0.0	DO.	LOOP ID - PO1			100000	_
М	0100	PO1	Baseline Item Data - DL Form (Service	M	1	100000	n7
M	0100 0180	PO1 SI		M O	1 >1	100000	n7
М			Baseline Item Data - DL Form (Service Details Section)			100000	n7
М			Baseline Item Data - DL Form (Service Details Section) Service Characteristic Identification				n7
M	0180	SI	Baseline Item Data - DL Form (Service Details Section) Service Characteristic Identification LOOP ID - PID	0	>1		n7
М	0180 0500	SI PID	Baseline Item Data - DL Form (Service Details Section) Service Characteristic Identification LOOP ID - PID Product/Item Description	0	>1		n7
М	0180 0500	SI PID	Baseline Item Data - DL Form (Service Details Section) Service Characteristic Identification LOOP ID - PID Product/Item Description Reference Identification	0	>1	1000	n7
М	0180 0500 1000	SI PID REF	Baseline Item Data - DL Form (Service Details Section) Service Characteristic Identification LOOP ID - PID Product/Item Description Reference Identification LOOP ID - N9	0 0	>1	1000	n7
М	0180 0500 1000 3300	SI PID REF N9	Baseline Item Data - DL Form (Service Details Section) Service Characteristic Identification LOOP ID - PID Product/Item Description Reference Identification LOOP ID - N9 Reference Identification	0 0	>1 1 >1	1000	n7
M	0180 0500 1000 3300	SI PID REF N9	Baseline Item Data - DL Form (Service Details Section) Service Characteristic Identification LOOP ID - PID Product/Item Description Reference Identification LOOP ID - N9 Reference Identification Text	0 0	>1 1 >1	1000	n7
M	0180 0500 1000 3300 3400	SI PID REF N9 MTX	Baseline Item Data - DL Form (Service Details Section) Service Characteristic Identification LOOP ID - PID Product/Item Description Reference Identification LOOP ID - N9 Reference Identification Text	0 0 0	>1 1 >1 1 >1	1000	n7
M	0180 0500 1000 3300 3400	SI PID REF N9 MTX N9	Baseline Item Data - DL Form (Service Details Section) Service Characteristic Identification LOOP ID - PID Product/Item Description Reference Identification LOOP ID - N9 Reference Identification Text LOOP ID - N9 Reference Identification	0 0 0 0	>1 1 >1 1 >1	1000	n7
M	0180 0500 1000 3300 3400	SI PID REF N9 MTX N9	Baseline Item Data - DL Form (Service Details Section) Service Characteristic Identification LOOP ID - PID Product/Item Description Reference Identification LOOP ID - N9 Reference Identification Text LOOP ID - N9 Reference Identification Text	0 0 0 0	>1 1 >1 1 >1	1000	n7
M	0180 0500 1000 3300 3400 3400	SI PID REF N9 MTX N9 MTX	Baseline Item Data - DL Form (Service Details Section) Service Characteristic Identification LOOP ID - PID Product/Item Description Reference Identification LOOP ID - N9 Reference Identification Text LOOP ID - N9 Reference Identification Text	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	>1 1 >1 1 >1 1 >1	1000	n7
M	0180 0500 1000 3300 3400 3300 3400	SI PID REF N9 MTX N9 MTX	Baseline Item Data - DL Form (Service Details Section) Service Characteristic Identification LOOP ID - PID Product/Item Description Reference Identification LOOP ID - N9 Reference Identification Text	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	>1 1 >1 1 >1 1 >1 1 >1 1 1 1 1	1000	n7
M	0180 0500 1000 3300 3400 3300 3400	SI PID REF N9 MTX N9 MTX N9 MTX	Baseline Item Data - DL Form (Service Details Section) Service Characteristic Identification LOOP ID - PID Product/Item Description Reference Identification LOOP ID - N9 Reference Identification Text LOOP ID - N9 Reference Identification Text LOOP ID - N9 Reference Identification	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	>1 1 >1 1 >1 1 >1 1 >1 1 1 1 1	1000	n7
M	0180 0500 1000 3300 3400 3400 3300 3400	SI PID REF N9 MTX N9 MTX	Baseline Item Data - DL Form (Service Details Section) Service Characteristic Identification LOOP ID - PID Product/Item Description Reference Identification LOOP ID - N9 Reference Identification Text LOOP ID - N9	0 0 0 0 0	>1 1 >1 1 >1 1 >1 1 >1 1 >1	1000	n7
M	0180 0500 1000 3300 3400 3300 3400 3300 3300	SI PID REF N9 MTX N9 MTX N9 MTX	Baseline Item Data - DL Form (Service Details Section) Service Characteristic Identification LOOP ID - PID Product/Item Description Reference Identification LOOP ID - N9 Reference Identification Text LOOP ID - N9 Reference Identification Text	0 0 0 0 0	>1 1 >1 1 >1 1 >1 1 >1 1 >1 1 1 1 1 1	1000	n7
M	0180 0500 1000 3300 3400 3300 3400 3300 3300	SI PID REF N9 MTX N9 MTX N9 MTX	Baseline Item Data - DL Form (Service Details Section) Service Characteristic Identification LOOP ID - PID Product/Item Description Reference Identification LOOP ID - N9 Reference Identification Text LOOP ID - N9 Reference Identification	0 0 0 0 0	>1 1 >1 1 >1 1 >1 1 >1 1 >1 1 1 1 1 1	1000	n7

	3400	MTX	Text	0	>1			
			LOOP ID - N1			200		
	3500	N1	Name	0	1			
	3650	IN2	Individual Name Structure Components	0	>1			
	3800	N4	Geographic Location	0	1			
	3850	NX2	Location ID Component	Ο	>1			
	3860	SI	Service Characteristic Identification					
			LOOP ID - SLN			>1		
	4700	SLN	Subline Item Detail	0	1			
	4800	SI	Service Characteristic Identification	Ο	>1			
			LOOP ID - N9			>1		
	5230	N9	Reference Identification	0	1			
	5250	MTX	Text	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	М	1	n8		

Summary:

	Pos. <u>No.</u>	Seg. <u>ID</u>	Name	Req. <u>Des</u> .	Max.Use	Loop Notes and RepeatComments	
			LOOP ID - CTT			1	
	0100	CTT	Transaction Totals	0	1	n9	
М	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:

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. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>	•		
M	ST01	143	Transaction	on Set Identifier Code	M	ID 3/3
			Code uniqu	uely identifying a Transaction Set		
			850	Purchase Order		
M	ST02	329	Transaction	on Set Control Number	M	AN 4/9
			Identifying	control number that must be unique within th	e tran	saction set

Identifying control number that must be unique within the transaction 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:

Updated: March 11, 2002

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

	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Name			
M	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 A Information)	ccess	3	

REF Reference Identification Segment:

Position: 0500

Loop:

Level: Heading Optional **Usage:** Max Use: >1

Purpose: To specify identifying information

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

> 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:

R⊿f

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

Data

REF*11*NAN(LSR-7a)*NAN 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

	Ret.	Data				
	Des.	<u>Element</u>	<u>Name</u>			
	<u>Attributes</u>					
М	REF01	128	Reference Identi	fication Qualifier	M	ID 2/3
			Code qualifying the	e Reference Identification		
			11	Account Number		
				Number identifies a telecommunicati account	ons i	ndustry
			12	Billing Account		
				Account number under which billing	is ren	dered
			1V	Related Vendor Order Number		
				A vendor's order number that is in adprimary order number	ldition	to a
			AO	Appointment Number		
			CO	Customer Order Number		
			JB	Job (Project) Number		
			SU	Special Processing Code		
				Unique code identifying the special h requirements for the claim	andli	ng
	REF02	127	Reference Identi	fication	X	AN 1/30

AN(LSR-7) = Account Number NAN(LSR-7a) = New Account Number EAN(EU-40) = Existing Account Number APT CON(LSR-15a) = Appointment Confirmation

specified by the Reference Identification Qualifier

Reference information as defined for a particular Transaction Set or as

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 Χ AN 1/80 A free-form description to clarify the related data elements and their content "AN" "NAN" "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:

Ref.

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(CX-3)*EA PAM*BH*DDQTY(DL-23)*EA PAM*QU*HTQTY(LSR-6)*EA

OO

Data Element Summary

<u>Des.</u> Attributes	Element	<u>Name</u>			
PAM01	673	Quantity Qualifi	X	I	
		Code specifying t	the type of quantity		
		47	Primary Net Quantity		

47 Primary Net Quantity
 48 Secondary Net Quantity
 BH Book Order Quantity
 KC Net Quantity Decrease

The resultant quantity represents a net decrease to a previously transmitted quantity, after adjustments

have been made Operating Quantity Quantity Serviced

QU Quantity Serviced
T5 Total Number of Units

PAM02 380 Quantity X R 1/15

Numeric value of quantity

LOCQTY(LSR-5) = Location Quantity

ID 2/2

			First 2 bytes of PG_of_(LSR-10)	
			Second 2 bytes of PG_of_(LSR-10)	
			DQTY(EU-5) = Disconnect Quantity	
			RSQTY(CX-3) = Resale Quantity	
			DDQTY(DL-23) = Number of Delivery Segm	ents
			HTQTY(LSR-6) = Hunt Group Quantity	
	PAM03	C001	Composite Unit of Measure	X
			To identify a composite unit of measure (S examples of use)	ee Figures Appendix for
M	C00101	355	Unit or Basis for Measurement Code	M ID 2/2
			Code specifying the units in which a value i manner in which a measurement has been EA Each	•

Updated: March 11, 2002

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

Position: 1200

Loop: SAC Optional

Level: Heading Usage: Optional

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

7

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.

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

If SAC11 is present, then SAC10 is required.

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

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 charge

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. Element Name

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 Qualifier	Code	X	ID 2/2	
		Code identifying th	ne agency assigning the code values			
		П	Telecommunications Industry			
SAC04	1301	Agency Service, Code	Promotion, Allowance, or Charge	X	AN 1/10	
		Agency maintained code identifying the service, promotion, allowance or charge				
		EXP	Expedited Service Charge			
		VT	Variable Term Contract Pricing Plan			
SAC15	352	Description		X	AN 1/80	
		A free-form description to clarify the related data elements and their content				
		VTA (LSR-80) = Variable Term Agreement				

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:

Ref.

Data

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

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

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

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

Data Element Summary

	Des.	<u>Element</u>	<u>Name</u>				
	Attributes						
M	DTM01	374	Date/Time Qualifier		M	ID 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 expresse				
			D/TSENT(LSR-12) = Date Sent DDD(LSR-14) = Desired Due Date DATED(LSR-36) = Date of Agency Authorization DDDO(LSR-16) = Desired Due Date Out				
	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{HHI	MM}(LSR-12) = Time Sent			
	DTM05	1250	Date Time Po	eriod Format Qualifier	Χ	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

RTM

within an hour; the first occurrence of HHMM is the starting time and the second is the ending time

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

TM

X AN 1/35

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

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

Segment: SI Service Characteristic Identification

Position: 1850

Loop:

Level: Heading Usage: Optional Max Use: >1

Purpose: To specify service characteristic data

Syntax Notes: 1 If either SI04 or SI05 is present, then the other is required.

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*RE*REQTYP (LSR-23)

SI*TI*AA*ACT (LSR-24) SI*TI*LO*LST (LSR-42) SI*TI*LS*LSO (LSR-43) SI*TI*TY*TOS (LSR-44) SI*TI*IW*IWO (EU-36) SI*TI*CB*CB (CX-7) SI*TI*CL*COS (CX-28a)

Data Element Summary

			Data Licinoit	Sammar y		
	Ref.	Data				
	Des.	Element	<u>Name</u>			
	Attributes					
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	eristics Qualifier	M	AN 2/2
			Code from an inducharacteristics	stry code list qualifying the type of serv	ice	
			AA	Account Activity		
			CB	CENTREX Common Block Identifier		
			CL	Class of Service		
			IW	Inside Wiring Options		
			LO	Local Exchange Carrier Service Office)	
			LS	Local Serving Office		
			RE	Requisition Type and Status		
			TY	Type of Service		
M	SI03	234	Product/Service	ID	M	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-Conv. 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

TOS(LSR-44) = Type of Service IWO(EU-36) = Inside Wire Options LSO(LSR-43) = Local Service Office LST(LSR-42) = Local Service Termination

CB(CX-7) = Common Block COS(CX-28a) = Class of Service 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.

3 PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is

indeterminate.

4 PID09 is used to identify the language being used in PID05.

Comments: 1 If PID01 equals "F", then PID05 is used. If PID01 equals "S", then

PID04 is used. If PID01 equals "X", then both PID04 and PID05 are

used.

2 Use PID06 when necessary to refer to the product surface or layer being described in the segment.

3 PID07 specifies the individual code list of the agency specified in

PID03.

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)

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

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

FBI (EU-42) = Final Bill Information Indicator

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

Y=(DWS: D-Different)

CONVIND(LSR-24a) = Conversion Indicator

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

AGAUTH(LSR-35) = Agency Authorization Status

CHC(LSR-22) = Coordinated Hot Cut

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*EU****2W>MANUAL IND(EU-63a)

	Ref.	Data	·····		
	Des.	<u>Element</u>	<u>Name</u>		
М	Attributes N901	128	Reference Identification Qualifier	М	ID 2/3
IVI	14901	120		IVI	10 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	tion S	Set 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 nu	mbers 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	tion S	Set 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: N9 Reference Identification

Position: 2950

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*LSR****2W>MANUAL IND(LSR-108a)

	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 Transac specified by the Reference Identification Qualifier ORI Order Instructions	tion S	Set 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 identification specified by the Reference Qualifier	n nu	mbers 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 Transac specified by the Reference Identification Qualifier	tion S	Set or as
			MANUAL IND(LSR-108a) = 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(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: N1 Name

Position: 3100

Loop: N1 Optional

Level: Heading 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*78*CCNA(LSR-1)

Data Element Summary

	Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	<u>Name</u>			
M	N101	98	Entity Identif	ier Code	M	ID 2/3
			Code identifyi an individual	ng an organizational entity, a physic	al location,	property or
			78	Service Requester		
	N102	93	Name		X	AN 1/60

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:

Ref.

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

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

Data

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	X	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 a applicable	area d	code when
		EMAIL(LSR-83) = Electronic Mail Address		

Segment: N1 Name

Position: 3100

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*AN*AUTHNM(LSR-37)

Data Element Summary

Ref. Data **Element Name** Des. **Attributes** М N101 98 **Entity Identifier Code** ID 2/3 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.

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 N101 98 **Entity Identifier Code** ID 2/3 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 AN 1/60 Χ

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

<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: 3400

Loop: N1 Optional

Level: Heading
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.

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 Χ ID 2/2 **State or Province Code** Code (Standard State/Province) as defined by appropriate government agency STATE(EU-49) = State/Province ID 3/15 N403 116

Postal Code O ID 3/15

Code defining international postal zone code excluding punctuation and

blanks (zip code for United States)

ZIP(EU-50) = ZIP/Postal Code

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:

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

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

	Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	<u>Name</u>			
M	NX201	1106	Addres	s Component Qualifier	M	ID 2/2
			Code qu	ualifying the 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	l	
			35	Room		
				A walled room or partitioned area of	a buil	ding
			40	Street Suffix		
			59	Street Number Low		
			61	Street Number Fraction		
			62	Street Name Suffix		

Address information

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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

Address Information

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

NX202

М

M AN 1/55

Segment: PER Administrative Communications Contact

Position: 3600

Loop: N1 Optional

Level: Heading Optional

Max Use: >

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*BI*BILLCON(EU-51)*TE*TEL NO(EU-52)

applicable

Data Element Summary

Data Ref. **Element Name** Des. **Attributes** М PER01 366 **Contact Function Code** ID 2/2 Code identifying the major duty or responsibility of the person or group named ВΙ Bill Inquiry Contact Service Provider contact for making inquires about information on the invoice PER02 93 Name AN 1/60 Free-form name BILLCON(EU-51) = Billing Contact PER03 365 **Communication Number Qualifier** ID 2/2 Χ Code identifying the type of communication number TE Telephone PER04 364 **Communication Number** X AN 1/256

TEL NO(EU-52) = Telephone Number

Complete communications number including country or area code when

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.
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. Des.	Data Element	<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	
			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: PO1 Baseline Item Data - End User Form (Location and

Access)

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.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
<u>Attributes</u>				
PO101	350	Assigned Identification	0	AN 1/20
		Alphanumeric characters assigned for differentiation within set	n a tr	ransaction
		"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	ssed,	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 use	ed in
PO107	234	Product/Service ID	X	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	М	ID 2/2
				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	
			OP	Working Service on Premises		
M	SI03	234	Product/Service	ID	М	AN 1/48
			Identifying number	for a product or service		
			WSOP(EU-31) = V	Vorking Service on Premises		
	SI04	1000	Service Characte	ristics Qualifier	Х	AN 2/2
			Code from an indu characteristics	stry code list qualifying the type of serv	ice	
			TN	Telephone Number		
	SI05	234	Product/Service	ID	X	AN 1/48
			Identifying number	for a product or service		
			WSOP TEL NO(E) Number	J-31a) = Working Service on Premises	Tele	phone

PID Product/Item Description Segment:

Position: 0500

> PID Loop: Optional

Level: Detail Optional Usage:

Max Use:

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

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

At least one of PID04 or PID05 is required. If PID07 is present, then PID03 is required. 3 If PID08 is present, then PID04 is required.

If PID09 is present, then PID05 is required. **Semantic Notes:** 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.

PID09 is used to identify the language being used in PID05.

Comments: 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

2 Use PID06 when necessary to refer to the product surface or layer being described in the segment.

PID07 specifies the individual code list of the agency specified in

PID03.

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

	Ref.	Data		,		
	Des.	Element	Name			
	Attributes					
M	PID01	349	Item Description	т Туре	М	ID 1/1
			Code indicating the	ne format of a description		
			S	Structured (From Industry Code List)		
	PID03	559	Agency Qualifie	r Code	X	ID 2/2
			Code identifying t	he agency assigning the code values		
			ΤI	Telecommunications Industry		
	PID04	751	Product Descrip	tion Code	X	AN 1/12
			A code from an ir product character ANV	ndustry code list which provides specific ristic Address Not Validated Indicator	data	about a
	PID07	822	Source Subqua	lifier	0	AN 1/15
			•	ndicates the table or text maintained by	the	Source
			SO-RSQ	Service Order - Reseller Questions		
	PID08	1073	Yes/No Conditio	n or Response Code	0	ID 1/1
			Code indicating a	Yes or No condition or response		
			ANV(EU-8a) = Ac	ddress 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

			Data Etomotic Gainmai y	
	Ref. <u>Des.</u>	Data Element	<u>Name</u>	
Л	Attributes REF01	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification	ation
			IX Item Number	
	REF02	127	Reference Identification	X AN 1/30
			Reference information as defined for a specified by the Reference Identification	•
			LOCNUM(EU-7) = Location Number	
	REF03	352	Description	X AN 1/80
			A free-form description to clarify the rel content "LOCNUM"	ated data elements and their

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

Data Element Summary

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

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

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*IT*NAME(EU-8)

Data Element Summary

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

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)

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	gov	ernment
		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)	ınctu	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

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 b is docked 37 Unit A unit or separate structure 39 Unstructured Property	
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 is docked 37 Unit A unit or separate structure 39 Unstructured Property	
The pier at which a ship or boat is docked Floor A particular floor or level of a building Lot A particular lot or piece of land Room A walled room or partitioned area of a building Slip The slip or location on a pier at which a ship or b is docked Unit A unit or separate structure Unstructured Property	
The pier at which a ship or boat is docked Floor A particular floor or level of a building Lot A particular lot or piece of land Room A walled room or partitioned area of a building Slip The slip or location on a pier at which a ship or b is docked Unit A unit or separate structure Unstructured Property	
Floor A particular floor or level of a building Lot A particular lot or piece of land Room A walled room or partitioned area of a building Slip The slip or location on a pier at which a ship or b is docked Unit A unit or separate structure Unstructured Property	
Lot A particular lot or piece of land Room A walled room or partitioned area of a building Slip The slip or location on a pier at which a ship or b is docked Unit A unit or separate structure Unstructured Property	
A particular lot or piece of land Room A walled room or partitioned area of a building Slip The slip or location on a pier at which a ship or b is docked Unit A unit or separate structure Unstructured Property	
Room A walled room or partitioned area of a building Slip The slip or location on a pier at which a ship or b is docked Unit A unit or separate structure Unstructured Property	
A walled room or partitioned area of a building 36 Slip The slip or location on a pier at which a ship or b is docked 37 Unit A unit or separate structure 39 Unstructured Property	
36 Slip The slip or location on a pier at which a ship or b is docked 37 Unit A unit or separate structure 39 Unstructured Property	
The slip or location on a pier at which a ship or b is docked 37 Unit A unit or separate structure 39 Unstructured Property	
is docked Unit A unit or separate structure Unstructured Property	
A unit or separate structure Unstructured Property	oat
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 Information M AN 1/	55
Address information	
SANO (EU-11) = Service Address Number SASN (EU-14) = Service Address Street Name SASD (EU-13) = Service Address Street Directional Prefix BOX (EU-23c) = Box Number ROUTE (EU-23b) = Route CITY (EU-24) = City AHN (EU-23a) = Assigned House Number SASS (EU-16) = Service Address Street Directional Suffix SAPR (EU-10) = Service Address Number Prefix SASF (EU-12) = Service Address Number Suffix 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: 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:

Notes

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

	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>		
M	PER01	366	Contact Function Code	M	ID 2/2
			Code identifying the major duty or responsibility of the penamed CA Customer Contact Granting Appoints		or group
	PER02	93	Name	0	AN 1/60
	I LIVOZ	33	Free-form name	U	AN 1700
			LCON(EU-27) = Local Contact		
	PER03	365	Communication Number Qualifier	Χ	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 d	code 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.

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-9)

	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 servi characteristics	се	
			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

for CENTREX/Resale Form.

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:

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.	Element	<u>Name</u>		
<u>Attributes</u>				
PO101	350	Assigned Identification	0	AN 1/20
		Alphanumeric characters assigned for differentiation within set	n a tı	ransaction
		"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 expres	ssed,	or
		manner in which a measurement has been taken EA Each		
PO106	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive numbe Product/Service ID (234)	r use	ed in
		ZZ Mutually Defined		
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 Qualifier	Code	M	ID 2/2
			Code identifying the	ne agency assigning the code values		
			TI	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	rice	
			ND	Disconnect Number		
			T6	Transfer of Call Options		
M	SI03	234	Product/Service	ID	M	AN 1/48
			Identifying number	for a product or service		
				s) = 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

			Data Element Guilliary		
	Ref.	Data			
	Des.	<u>Element</u>	<u>Name</u>		
	<u>Attributes</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 Transacti specified by the Reference Identification Qualifier			tion S	Set or as
			DNUM (EU-54) = Disconnect Line Number		
	REF03	352	Description	Χ	AN 1/80
			A free-form description to clarify the related data element content	s and	d their
			"DNUM"		

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

e/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:

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 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.

for each item. For example: Case, Color, Drawing No., U.P.C. No.,

SLN09 through SLN28 provide for ten different product/service IDs

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 set	n a t	ransaction
			"TCPRI"		
	SLN02	350	Assigned Identification	0	AN 1/20
			Alphanumeric characters assigned for differentiation within set	n a t	ransaction
			"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 (See examples of use) Unit or Basis for Measurement Code	e Figures Appendix for M ID 2/2
IVI	COUTOT	333		
			Code specifying the units in which a value is manner in which a measurement has been to 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	М	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 PRI (EU-58) = Transfer of Calls To Primary Number	er	

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-58b)

Data Element Summary

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

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

	Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	Name		
M	REF01	128	Reference Identification Qualifier	M ID 2/3	
			Code qualifying the Reference Identification	on	
			55 Sequence Number		
	REF02	127	Reference Identification	X AN 1/30	
			Reference information as defined for a pa specified by the Reference Identification C TCID (EU-58a) = Transfer of Calls to Identification	Qualifier	
	REF03	352	Description A free-form description to clarify the relate content "PRI"	X AN 1/80 ed data elements and their	

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.

6 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.

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>				
	<u>Attributes</u>						
M	SLN01	350	Assigned Identification	М	AN 1/20		
			Alphanumeric characters assigned for differentiation within a transaction set				
			"TCSEC"				
	SLN02	350	Assigned Identification	0	AN 1/20		
			Alphanumeric characters assigned for differentiation within set	n a t	ransaction		
			"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	255	To identify a composite unit of measure (See Figure examples of use)	
IVI	COUTOT	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 EA Each	g expressed, or

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	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 SEC (EU-59) = Transfer of Calls To Secondary Nu	mbe	r

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 N101 98 **Entity Identifier Code** ID 2/3 Code identifying an organizational entity, a physical location, property or an individual TT Transfer To N102 93 Name 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:

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 Transaction Set or as specified by the Reference Identification Qualifier				
			TCID (EU-60) = Transfer of Calls To Identifier				
	REF03	352	Description	X AN 1/80			
			A free-form description to clarify the related data content "SEC"	elements and their			

Segment: PO1 Baseline Item Data - Centrex Resale Service Form (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

for CENTREX/Resale Form.

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:

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*CX [PO1 Loop may repeat]

Ref.	Data			
Des.	Element	<u>Name</u>		
Attributes	050	A select the address of the	_	AN 4/00
PO101	350	Assigned Identification	0	AN 1/20
		Alphanumeric characters assigned for differentiation within set	n a tr	ansaction
		"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,	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 use	ed in
PO107	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		
		"CX"		

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:

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

qualifiers.

Notes: SI*TI*NQ*NPI (CX-32)

SI*TI*SA*LNA (CX-33) SI*TI*TN*TNS (CX-35) SI*TI*OT*OTN (CX-38) SI*TI*T6*TC OPT (CX-56a) SI*TI*TS*SGNL (CX-58) SI*TI*AT*LTC (CX-45) SI*TI*TQ*TLI (CX-36a) SI*TI*T5*TERS (CX-36) SI*TI*LZ*LSCP (CX-46)

	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</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	eristics Qualifier	M	AN 2/2
			Code from an indu	stry code list qualifying the type of serv	/ice	
			AT	Customer Access Treatment		
			LZ	Freeze Local Service Provider		
			NQ	Number Portability Indicator		
			OT	Out Telephone Number		
			SA	Service Activity		
			T5	Terminal Number		
			T6	Transfer of Call Options		
			TN	Telephone Number		
			TQ	Telephone Line Identifier		
			TS	Type of Signaling		
M	SI03	234	Product/Service	ID	M	AN 1/48

Identifying number for a product or service

LNA (CX-33) = Line Activity C= (DWS: C-Change)

V= (DWS: V-Conversion as specified)
CT= (DWS: X-Telephone number change)

A= (DWS: N-New) D= (DWS: D-Disconnect) P= (DWS: P-PIC change)

T= (DWS: T-Outside Move within the Central Office)

L= (DWS: L-Seasonal Suspend)

SGNL (CX-58) = Signaling

LST(DWS: LS-Loop Start (default))
GST(DWS: GS-Ground Start)

NPI (CX-32) = Number Portability Indicator

TNS (CX-35) = Telephone Numbers OTN (CX-38) = Out Telephone Number TC OPT (CX-56a) =Transfer of Calls Option LTC (CX-45) = Line Treatment Code

TLI (CX-36a) = Telephone Line Identifier TERS (CX-36) = Terminal Numbers

LSCP (CX-46) = Local Service Provider Change Prohibited

Segment: PID Product/Item Description

Position: 0500

Loop: PID Optional

Level: Detail Usage: Optional

Max Use:

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(CX-63a)

		Data Liement	Julilliai y		
Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>			
PID01	349	Item Description	Туре	M	ID 1/1
		Code indicating the	e format of a description		
		S	Structured (From Industry Code List)		
PID03	559	Agency Qualifier	Code	X	ID 2/2
		Code identifying th	e agency assigning the code values		
		TI	Telecommunications Industry		
PID04	751	Product Descripti	on Code	X	AN 1/12
				data	about a
PID07	822	Source Subquali	fier	0	AN 1/15
		A reference that in Qualifier	dicates the table or text maintained by	the S	Source
		SO-RSQ	Service Order - Reseller Questions		
PID08	1073	Yes/No Condition	or Response Code	0	ID 1/1
			·		
		NIDR(CX-63a) = Ne	etwork Interface Device Request		
	Des. Attributes PID01 PID03 PID04 PID07	Des. Attributes PID01Element 349PID03559PID04751PID07822	Ref. Data Des. Element Name Attributes PID01 349 Item Description Code indicating the S PID03 559 Agency Qualifier Code identifying the TI PID04 751 Product Description A code from an incorproduct characterist AG PID07 822 Source Subquality A reference that in Qualifier SO-RSQ PID08 1073 Yes/No Condition Code indicating a New Yes/No	Des. Attributes PID01 349 Item Description Type Code indicating the format of a description S Structured (From Industry Code List)	Ref. Des. Element PID01 349 Item Description Type Code indicating the format of a description S Structured (From Industry Code List) PID03 559 Agency Qualifier Code X Code identifying the agency assigning the code values TI Telecommunications Industry PID04 751 Product Description Code X A code from an industry code list which provides specific data product characteristic AG Network Interface Device Request PID07 822 Source Subqualifier O A reference that indicates the table or text maintained by the SQualifier SO-RSQ Service Order - Reseller Questions PID08 1073 Yes/No Condition or Response Code O Code indicating a Yes or No condition or response

REF Reference Identification Segment:

Position: 1000

> PO1 Loop: Mandatory

Level: Detail Optional Usage: Max Use: >1

Purpose: To specify identifying information

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

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:

Ref.

Notes: REF*IX*LOCNUM(CX-29)*LOCNUM

> REF*IX*LNUM(CX-30)*LNUM REF*AE*SAN(CX-54)

> > **Data Element Summary**

Data Des. **Element Name Attributes**

М REF01 128 **Reference Identification Qualifier** ID 2/3 М

Code qualifying the Reference Identification

ΑE Authorization for Expense (AFE) Number

ΙX Item Number

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

LOCNUM(CX-29) = Location Number

LNUM(CX-30) = Line Number

SAN(CX-54) = Subscriber Authorization Number

REF03 352 Description Χ AN 1/80

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

content

"LOCNUM" "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}(CX-56h)

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(CX-56h) = Transfer of Calls Period

Segment: **N9** Reference Identification

Position: 3300

Loop: N9 Optional

Level: Detail
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*CX****2W>MANUAL IND(CX-68b)

	Ref.	Data			
	Des.	<u>Element</u>	<u>Name</u>		
М	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 Transaction specified by the Reference Identification Qualifier ORI Order Instructions	on S	et or as
	N903	369	Free-form Description	X	AN 1/45
			Free-form descriptive text		
			"CX"		
	N907	C040	Reference Identifier	0	
			To identify one or more reference numbers or identification specified by the Reference Qualifier	n nur	nbers as
M	C04001	128	Reference Identification Qualifier	М	ID 2/3
			Code qualifying the Reference Identification		
			2W Change Order Authority		
M	C04002	127	Reference Identification	М	AN 1/30
			Reference information as defined for a particular Transact specified by the Reference Identification Qualifier	ion S	Set or as
			MANUAL IND(CX-68b) = Manual Indicator		

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(CX-68a)

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(CX-68a) = Remarks

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*P9**41*PIC(CX-41)

			Data Element S	oummary		
	Ref.	Data				
	<u>Des.</u> Attributes	Element	<u>Name</u>			
M	N101	98	Entity Identifier C	ode	M	ID 2/3
			Code identifying ar an individual	organizational entity, a physical locat	tion, p	property or
			P9	Primary Interexchange Carrier (PIC)		
				Identifies the carrier who will handle the interexchange calls	he	
	N103	66	Identification Cod	de Qualifier	X	ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)			
			41	Telecommunications Carrier Identifica	ation (Code
				Identifies the Interexchange carrier fo being billed	r the	charges
	N104	67	Identification Cod	le	X	AN 2/80
			Code identifying a party or other code			
			PIC(CX-41) = InterL	ATA Pre-subscription Indicator Code		

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(CX-42)

	Ref. <u>Des.</u>	Data <u>Element</u>	Name		
	<u>Attributes</u>	00	Entity Identifies Code	B.4	ID 0/0
M	N101	98	Entity Identifier Code	M	ID 2/3
			Code identifying an organizational entity, a physical locati an individual	on,	property or
			8V Primary Intra-LATA (Local Access Tra Carrier	nspo	ort Area)
	N103	66	Identification Code Qualifier	X	ID 1/2
			Code designating the system/method of code structure us Identification Code (67) 41 Telecommunications Carrier Identification		
			Identifies the Interexchange carrier for being billed	the	charges
	N104	67	Identification Code	Χ	AN 2/80
			Code identifying a party or other code		
			LPIC(CX-42) = IntraLATA Pre-subscription Indicator Code		

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.

If SLN07 is present, then SLN06 is required.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.

7 If either SLN15 or SLN16 is present, then the other is required.
8 If either SLN17 or SLN18 is present, then the other is required.
9 If either SLN19 or SLN20 is present, then the other is required.
10 If either SLN21 or SLN22 is present, then the other is required.

11 If either SLN23 or SLN24 is present, then the other is required.12 If either SLN25 or SLN26 is present, then the other is required.

13 If either SLN27 or SLN28 is present, then the other is required.

Semantic Notes: 1 SLN01 is the identifying number for the subline item.

2 SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials.

3 SLN03 is the configuration code indicating the relationship of the subline item to the baseline item.

4 SLN08 is a code indicating the relationship of the price or amount to the associated segment.

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

2 SLN01 is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1.

3 SLN09 through SLN28 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

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

	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 a transaction set			
			"TCPRI"			
	SLN02	350	Assigned Identification	0	AN 1/20	
			Alphanumeric characters assigned for differentiation within a transaction set			
			"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
N4	C00404	255	To identify a composite unit of measure (See Figure examples of use)	
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 EA Each	j expressed, or

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.

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*TC*TC TO PRI(CX-56b)

	Ref.	Data			
	Des.	Element	<u>Name</u>		
	<u>Attributes</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 PRI(CX-56b) = Transfer of Calls to Primary Number	r	

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(CX-56d)

Data Element Summary

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

Free-form name

TC NAME(CX-56d) = 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(CX-56c)*PRI

	Ref. <u>Des.</u> Attributes	Data Element	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 Transaction Set or as specified by the Reference Identification Qualifier TCID(CX-56c) = Transfer of Calls to Identifier				
	REF03	352	Description A free-form description to clarify the related data content "PRI"	X elements and	AN 1/80 I their		

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.

7 If either SLN15 or SLN16 is present, then the other is required.
8 If either SLN17 or SLN18 is present, then the other is required.
9 If either SLN19 or SLN20 is present, then the other is required.
10 If either SLN21 or SLN22 is present, then the other is required.

11 If either SLN23 or SLN24 is present, then the other is required.12 If either SLN25 or SLN26 is present, then the other is required.

13 If either SLN27 or SLN28 is present, then the other is required.

Semantic Notes: 1 SLN01 is the identifying number for the subline item.

2 SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials.

3 SLN03 is the configuration code indicating the relationship of the subline item to the baseline item.

4 SLN08 is a code indicating the relationship of the price or amount to the associated segment.

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

2 SLN01 is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1.

3 SLN09 through SLN28 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

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

	Ref.	Data				
	Des.	Element	<u>Name</u>			
	<u>Attributes</u>					
M	SLN01	350	Assigned Identification	М	AN 1/20	
			Alphanumeric characters assigned for differentiation within a transaction set			
			"TCSEC"			
	SLN02	350	Assigned Identification	0	AN 1/20	
			Alphanumeric characters assigned for differentiation within a transaction set			
			"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 (See Fi examples of use) Unit or Basis for Measurement Code	
IVI	COUTOT	333		
			Code specifying the units in which a value is bei 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.

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*TC*TC TO SEC(CX-56e)

	Ref.	Data			
	Des.	Element	<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	М	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 SEC (CX-56e) = Transfer of Calls to Secondary Nu	ımbe	er

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(CX-56g)

Data Element Summary

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

Free-form name

TC NAME(CX-56g) = 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:

Notes: REF*55*TCID(CX-56f)*SEC

	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>	,			
M	REF01	128	Reference	Identification Qualifier	М	ID 2/3	
			Code qualify	ring the Reference Identification			
			55	Sequence Number			
	REF02	127	Reference	Reference Identification			
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier TCID(CX-56f) = Transfer of Calls to Identifier				
	REF03	352	Description	•	X s and	AN 1/80 d their	

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.

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.

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*BL*n*A*1*EA

	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>			
	<u>Attributes</u>					
M	SLN01	350	Assigned Identification	М	AN 1/20	
			Alphanumeric characters assigned for differentiation within a transaction set			
			"BL"			
	SLN02	350	Assigned Identification	0	AN 1/20	
			Alphanumeric characters assigned for differentiation within set	n a tr	ransaction	
			"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
			To identify a composite unit of measure (See Figure examples of use)	
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 EA Each	expressed, or

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(CX-47)*TB*BLOCK(CX-48)

	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 serv characteristics	ice	
			BB Blocking Activity		
M	SI03	234	Product/Service ID	M	AN 1/48
			Identifying number for a product or service		
			BA(CX-47) = Blocking Activity		
	SI04	1000	Service Characteristics Qualifier	X	AN 2/2
			Code from an industry code list qualifying the type of serv characteristics	ice	
			TB Blocking/Billing Exception		
	SI05	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
			BLOCK(CX-48) = Block		

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.

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

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

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: 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*IW*n*A*IWJQ(CX-65)*EA****EQ*IWJK(CX-64) [SLN loop may repeat per

Inside Wiring pair]

	Ref.	Data					
	Des.	<u>Element</u>	<u>Name</u>				
	<u>Attributes</u>						
M	SLN01	350	Assigned Identification	M	AN 1/20		
			Alphanumeric characters assigned for differentiation within a transaction set				
			"IW"				
	SLN02	350	Assigned Identification	0	AN 1/20		
			Alphanumeric characters assigned for differentiation within a transaction set				
			"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(CX-65) = Inside Wire Jack Quantity				
	SLN05	C001	Composite Unit of Measure	Х			
			To identify a composite unit of measure (See Figures Appendix for examples of use)				
M	C00101	355	Unit or Basis for Measurement Code	M	ID 2/2		
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken EA Each				
	SLN09	235	Product/Service ID Qualifier	X	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	X	AN 1/48		
			Identifying number for a product or service				
			IWJK(CX-64) = Inside Wire Jack Code				

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.

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.	<u>Element</u>	<u>Name</u>			
	<u>Attributes</u>					
M	SLN01	350	Assigned Identification	М	AN 1/20	
			Alphanumeric characters assigned for differentiation within a transaction set			
			"FA"			
	SLN02	350	Assigned Identification	0	AN 1/20	
			Alphanumeric characters assigned for differentiation within a transaction set			
			"n" = nth assigned ID within SLN loop			
М	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			
			To identify a composite unit of measure (See F examples of use)	igures Appendix for			
M	C00101	355	Unit or Basis for Measurement Code	M ID 2/2			
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken 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 SI01 defines the source for each of the service characteristics

qualifiers.

Notes: SI*TI*SA*FA(CX-66)*SC*FEATURE(CX-67)

SI*TI*FD*FEATURE DETAIL(CX-68) [SI segment may repeat]

	Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	<u>Name</u>	•		
М	SI01	559	Agency Qualifier Code Code identifying the agency assigning the code values		М	ID 2/2
			TI	Telecommunications Industry		
M	SI02	1000	Service Characteristics Qualifier		М	AN 2/2
			Code from an indu characteristics FD	stry code list qualifying the type of serv Feature Detail	ice	
			SA	Service Activity		
М	SI03	234	Product/Service ID		М	AN 1/48
	0103	204		for a product or service		7117 17-10
			FA(CX-66) = 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))			
	010.4	4000		(CX-68) = Feature Detail	v	A N.I. 0/0
	SI04	1000	Service Characte Code from an indu characteristics SC	stry code list qualifying the type of serv Service Category	X ice	AN 2/2
	SI05	234	Product/Service	ID .	X	AN 1/48
			Identifying number	for a product or service		
			FEATURE(CX-67)	= 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.
3 If either PO106 or PO107 is present, then the other

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:

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*HG [If this segment appears, HNTYP(LSR-116) = 5]

	_	_ u.u		
Ref.	Data			
Des.	Element	<u>Name</u>		
Attributes				
PO101	350	Assigned Identification	0	AN 1/20
		Alphanumeric characters assigned for differentiation within set	n a tı	ransaction
		"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	ssed,	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 use	ed in
PO107	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		
		"HG"		

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*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 Qu	alifier Code	М	ID 2/2
			Code identif	ying the agency assigning the code values		
			TI	Telecommunications Industry		
M	SI02	1000	Service Ch	aracteristics Qualifier	M	AN 2/2
			Code from a characterist	an industry code list qualifying the type of servics	/ice	
			SA	Service Activity		
			SF	Service Feature/Option		
			SG	Service Group		
M	SI03	234	Product/Se	ervice 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 HTY003=(DWS: 5-Regular/Series) HTY004=(DWS: 4-Multi-Line)

HID(LSR-113) = Hunt Group 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

	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 Transac specified by the Reference Identification Qualifier				Set or as
			HNUM(LSR-110) = Hunt Number LOCNUM(LSR-109) = Location Number		
	REF03	352	Description	Х	AN 1/80

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

content

"HNUM"
"LOCNUM"

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 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*HNT*n*A*1*EA

	Ref.	Data					
	Des.	<u>Element</u>	<u>Name</u>				
	<u>Attributes</u>						
M	SLN01	350	Assigned Identification	М	AN 1/20		
			Alphanumeric characters assigned for differentiation within a transaction set				
			"HNT"				
	SLN02	350	Assigned Identification	0	AN 1/20		
			Alphanumeric characters assigned for differentiation within a transaction set				
			"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	255	To identify a composite unit of measure (See Fig examples of use) Unit or Basis for Measurement Code	
IVI	COUTOT	355		
			Code specifying the units in which a value is bein manner in which a measurement has been taken EA Each	• .

Segment: N9 Reference Identification

Position: 5230

Loop: N9 Optional

Level: Detail 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*55*HTSEQ

Data Element Summary

Ref. Data Element Name Des. **Attributes Reference Identification Qualifier** М ID 2/3 N901 128 М Code qualifying the Reference Identification 55 Sequence Number N902 AN 1/30 127 **Reference Identification** Χ

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: 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.

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*ML [If this segment appears, HNTYP(LSR-116) = 4]

Ref.	Data	·		
Des.	<u>Element</u>	<u>Name</u>		
<u>Attributes</u>		A 1 11 19 19	_	411.4/00
PO101	350	Assigned Identification	0	AN 1/20
		Alphanumeric characters assigned for differentiation within set	n a tı	ransaction
		"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	ssed,	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 use	ed in
PO107	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		
		"MI "		

SI Service Characteristic Identification Segment:

0180 Position:

> PO1 Loop: 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. 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:

SI01 defines the source for each of the service characteristics Comments:

qualifiers.

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

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

Data Element Summary

	Ref.	Data				
	Des.	Element	<u>Name</u>			
	<u>Attributes</u>					
M	SI01	559	Agency Qualifier	Code	M	ID 2/2
			Code identifying the	ne agency assigning the code values		
			TI	Telecommunications Industry		
M	SI02	1000	Service Characte	eristics Qualifier	M	AN 2/2
			Code from an indu	ustry code list qualifying the type of serv	/ice	
			characteristics			
			SA	Service Activity		
			SF	Service Feature/Options		
			SG	Service Group		
			TQ	Telephone Line Identifier		
M	SI03	234	Product/Service	ID	M	AN 1/48
			Identifying number	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 HTY003=(DWS: 5-Regular/Series) HTY004=(DWS: 4-Multi-Line)

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

	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		
			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 S	Set or as
			HNUM(LSR-110) = Hunt Number		
			LOCNUM(LSR-109) = Location Number		
	REF03	352	Description	Χ	AN 1/80

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:

	Ref.	Data					
	Des.	<u>Element</u>	<u>Name</u>				
	<u>Attributes</u>						
M	SLN01	350	Assigned Identification	M	AN 1/20		
			Alphanumeric characters assigned for differentiation within a transaction set				
			"MHNT"				
	SLN02	350	Assigned Identification	0	AN 1/20		
			Alphanumeric characters assigned for differentiation within a transaction set				
			"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
			To identify a composite unit of measure (See F examples of use)	
M	C00101	355	Unit or Basis for Measurement Code	M ID 2/2
			Code specifying the units in which a value is be manner in which a measurement has been take 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:

N902

Notes: N9*55*HTSEQ

Data Element Summary

Ref. Data
Des. Element Name
Attributes

M N901 128 Reference Identification Qualifier M ID 2/3

Code qualifying the Reference Identification
55 Sequence Number

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.

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: 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

for Delivery Address

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:

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.	Element	<u>Name</u>		
Attributes			_	411.4700
PO101	350	Assigned Identification	0	AN 1/20
		Alphanumeric characters assigned for differentiation within set	n a ti	ransaction
		"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 expre-	ssed,	or
		manner in which a measurement has been taken EA Each		
PO106	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number Product/Service ID (234)	er use	ed in
50405	20.4	ZZ Mutually Defined	.,	
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> Attributes	Data 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	ice	
			AD Delivery 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.

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

	Ref. Des.	Data <u>Element</u>	<u>Name</u>		
М	Attributes QTY01	673	Quantity Qualifier	M	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 De	livery	
	QTY03	C001	Composite Unit of Measure	0	
			To identify a composite unit of measure (See Figures Ap examples of use)	pend	ix 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

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

	Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	<u>Name</u>		
M	QTY01	673	Quantity Qualifier	М	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 of Connect	n New	I
	QTY03	C001	Composite Unit of Measure	0	
			To identify a composite unit of measure (See Figures Apexamples of use)	opend	lix for
M	C00101	355	Unit or Basis for Measurement Code	М	ID 2/2
			Code appointing the units in which a value is being every		٥.,

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

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

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*DA*DELNAME

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 AN 1/60

Free-form name

"DELNAME"

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**STATE(DL-99)*ZIP(DL-100)

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 N403 116 **Postal Code**

Code defining international postal zone code excluding punctuation and

blanks (zip code for United States)

ZIP(DL-100) = ZIP/Postal Code

NX2 Location ID Component Segment:

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.

NX202

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.	<u>Element</u>	<u>Name</u>			
NX201	1106	Address Compon	ent Qualifier	М	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		
	<u>Attributes</u>	Attributes	Attributes NX201 1106 Address Comport Code qualifying the 01 02 03 07 18 40 59 61	Attributes NX201 1106 Address Component Qualifier 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	Attributes NX201 1106 Address Component Qualifier 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

166 **Address Information** Address information

M AN 1/55

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

М

Segment: PO1 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

for Directory Listing (Service Details Section) Form.

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.

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:

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*DL*SH*RTY(DL-12)*LS*SO(DL-56a) [PO1 Loop may repeat]

Ref.	Data	•		
Des.	Element	<u>Name</u>		
<u>Attributes</u>				
PO101	350	Assigned Identification	0	AN 1/20
		Alphanumeric characters assigned for differentiation within set	n a tr	ansaction
		"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	ssed,	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 use	ed 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 used in Product/Service ID (234)						
		SH Service Requested						
		A numeric or alphanumeric code from services available to the customer	n a lis	st of				
PO109	234	Product/Service ID	X	AN 1/48				
		Identifying number for a product or service						
		RTY(DL-12) = Record Type						
PO110	235	Product/Service ID Qualifier	X	ID 2/2				
		Code identifying the type/source of the descriptive number Product/Service ID (234) LS Load Sequence	er us	ed in				
PO111	234	Product/Service ID	X	AN 1/48				
		Identifying number for a product or service						
		SO(DL-56a) = Sequence Override						

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.

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*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)
SI*TI*DU*HS (DL-46a)
SI*TI*C3*HTN (DL-46b)
SI*TI*C4*HNSTN (DL-46c)
SI*TI*C5*FATN (DL-56c)
SI*TI*C6*FANSTN (DL-56d)

	Ref. Des.	Data Element	Name	•		
	<u>Attributes</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 inducharacteristics	stry code list qualifying the type of serv	ice	
			ВО	Business/Residence Placement Overr	ide	
			BR	Directory Listings Type of Account		
			C3	Header Telephone Number		
			C4	Header Non-Standard Telephone Num	ber	
			C5	Sequence Telephone Number		
			C6	File After Non-Standard Telephone Nu	mbe	er
			DG	Degree of Indent		
			DN	Directory Book Name		
			DU	Directory Caption Header Status		

LB Listing Activity Indicator

LE Listing Type

TW Style

M SI03 234 Product/Service ID M AN 1/48

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

HS(DL-46a) = Header Status

HTN(DL-46b) = Header Telephone Number

HNSTN(DL-46c) = Header Non-Standard Telephone Number

FATN(DL-56c) = File After Telephone Number

FANSTN(DL-56d) = File After Non-Standard Telephone Number

Segment: PID Product/Item Description

Position: 0500

Loop: PID Optional

Level: Detail
Usage: Optional

Max Use: 1

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

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

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*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)

	Ref.	Data		,		
	<u>Des.</u> Attributes	Element	<u>Name</u>			
M	PID01	349	Item Descri	ption Type	M	ID 1/1
			Code indicat	ting the format of a description		
			S	Structured (From Industry Code List)		
	PID03	559	Agency Qu	alifier Code	X	ID 2/2
			Code identify	ying the agency assigning the code values		
			TI	Telecommunications Industry		
	PID04	751	Product De	scription Code	X	AN 1/12
			A code from	an industry code list which provides specific	data	about a
			product cha	racteristic		
			AR	Omit Telephone Number		
			AS	Listed Name Placement		
			AT	Address Indicator		

AW 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

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 TNY=(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.

ALI(DL-11) = Alpha/Numeric Listing Identifier Code

Semantic Notes: 1 REF04 contains data relating to the value cited in REF02.

Comments:

Updated: March 11, 2002

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

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:

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 Lieili	ent Summary		
	Ref. <u>Des.</u>	Data Element	Name			
	Attributes	Lieilleill	<u>ivaille</u>			
M	N901	128	Reference Id	lentification Qualifier	M	ID 2/3
			Code qualifying	ng the Reference Identification		
			82	Data Item Description (DID) Refe	erence	
				Specific data elements that the gas contractor to provide and are sequirement documents	•	
	N902	127	Reference Id	lentification	X	AN 1/30
				ormation as defined for a particular Traine Reference Identification Qualifier	nsaction S	Set or as
			"LTXTY"			
	N903	369	Free-form De	escription	X	AN 1/45
			Free-form des	scriptive 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*82*FAINFO

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

"FAINFO"

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**FAINFO(DL-56b)

Data Element Summary

Ref. Data

Des. Element Name

Attributes

MTX02 1551 Message Text X AN 1/4096

To transmit large volumes of message text

FAINFO(DL-56b) = File After Information

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 qualif	ying the Reference Identification		
			H7	Standard Clause		
	N902	127	Reference	Identification	X	AN 1/30
				nformation as defined for a particular Transac the Reference Identification Qualifier Order Instructions	ction	Set or as
	N903	369	Free-form	Description	X	AN 1/45
			Free-form d	lescriptive text		
			"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.

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(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

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*HADDR

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

"HADDR"

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**HADDR(DL-46d)

Data Element Summary

Ref. Data

Des. Element Name

Attributes

MTX02 1551 Message Text X AN 1/4096

To transmit large volumes of message text

HADDR(DL-46d) = Header Address

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*DH*LISTINGS

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 AN 1/60

Free-form name

"LISTINGS"

Segment: IN2 Individual Name Structure Components

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:

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)

Data Element Summary

	Ref.	Data	Name and the same	· · · · · · · · · · · · · · · · · · ·		
	<u>Des.</u> Attributes	Element	<u>name</u>			
M	IN201	1104	Name Compone	nt Qualifier	M	ID 2/2
			Code identifying the	he 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			
			LNFN(DL-46) = L LNLN(DL-45) = L TL(DL-48) = Title TLD(DL-51) = Titl DESD(DL-50a) = NICK(DL-54) = Ni DES(DL-47) = De	Title of Address 1 for Dual Name isted Name First isted Name Last of Lineage e of Lineage for Dual Name Designation for Dual Name ckname		
	IN203	93	Name		0	AN 1/60
			Free-form name			
			LNFN(DL-46) = L "TITLE1" "TITLE1D" "TL" "TLD"	isted Name First		

"DESD"

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

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

NX2 Location ID Component Segment:

Position: 3850

> Loop: N1 Optional

Level: Detail Optional Usage: 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. Data **Element Name** Des. **Attributes**

М 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 Street Number Low 59 61 Street Number Fraction

62 Street Name Suffix

М NX202 166 **Address Information** M AN 1/55

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

Segment: SI Service Characteristic Identification

Position: 3860

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.

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*TN*LTN (DL-39)

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

	Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	<u>Name</u>	·		
M	SI01	559	Agency Qualifier	r Code	M	ID 2/2
			Code identifying the	he agency assigning the code values		
			TI	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	rice	
			NS	Non-Standard Telephone Number		
			TN	Telephone Number		
M	SI03	234	Product/Service	ID	M	AN 1/48
			Identifying number	r for a product or service		
			` ,	ted Telephone Number Ion Standard Telephone Number		

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.

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.

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

8 If either SLN17 or SLN18 is present, then the other is required.

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

10 If either SLN21 or SLN22 is present, then the other is required.11 If either SLN23 or SLN24 is present, then the other is required.

12 If either SLN25 or SLN26 is present, then the other is required.

13 If either SLN27 or SLN28 is present, then the other is required.

Semantic Notes: 1 SLN01 is the identifying number for the subline item.

2 SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials.

3 SLN03 is the configuration code indicating the relationship of the subline item to the baseline item.

4 SLN08 is a code indicating the relationship of the price or amount to the associated segment.

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

2 SLN01 is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1.

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*CAPTION*n*A*1*EA****LS*SO(DL-77) [SLN loop may repeat]

	Ref.	Data			
	Des.	Element	<u>Name</u>		
	<u>Attributes</u>				
M	SLN01	350	Assigned Identification	М	AN 1/20
			Alphanumeric characters assigned for differentiation within set	n a tı	ransaction
			"CAPTION"		
	SLN02	350	Assigned Identification	0	AN 1/20
			Alphanumeric characters assigned for differentiation within set	n a tı	ransaction
			"n" = nth assigned ID within SLN loop		
M	SLN03	662	Relationship Code	М	ID 1/1
			Code indicating the relationship between entities		
			A Add		
	SI NO4	380	Quantity	X	R 1/15

			Numeric value of quantity		
			1 Always One		
	SLN05	C001	Composite Unit of Measure	X	
			To identify a composite unit of measure (See Figures A examples of use)	∖ppend	dix for
M	C00101	355	Unit or Basis for Measurement Code	M	ID 2/2
			Code specifying the units in which a value is being exponent manner in which a measurement has been taken EA Each	ressed	l, or
	SLN09	235	Product/Service ID Qualifier	X	ID 2/2
			Code identifying the type/source of the descriptive num Product/Service ID (234) LS Load Sequence	ber us	ed in
	SLN10	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
			SO(DL-77) = Sequence Override		

SI Service Characteristic Identification Segment:

4800 Position:

> Loop: SLN 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. 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. 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*DG*LVL(DL-73)

> SI*TI*DU*PLS(DL-74) SI*TI*C5*FATN(DL-79) SI*TI*C3*PLTN(DL-76) SI*TI*C4*PLNSTN(DL-76a) SI*TI*C6*FANSTN(DL-79a)

Data Element Summary

			Data Licinoit	Julillal y		
	Ref.	Data				
	Des.	Element	<u>Name</u>			
	Attributes					
М	SI01	559	Agency Qualifier	Code	М	ID 2/2
			Code identifying the	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	
			C3	Prior Level Telephone Number		
			C4	Prior Level Non-Standard Telephone N	Numb	er
			C5	File After Telephone Number		
			C6	File After Non-Standard Telephone Nu	umbe	er
			DG	Degree of Indent		
			DU	Directory Caption Header Status		
M	SI03	234	Product/Service	ID	M	AN 1/48
			Identifying number	for a product or service		

Identifying number for a product or service

LVL(DL-73) = Level of Indent PLS(DL-74) = Prior Level Status

FATN(DL-79) = File After Telephone Number PLTN(DL-76) = Prior Level Telephone Number

PLNSTN(DL-76a) = Prior Level Non-Standard Telephone Number FANSTN(DL-79a) = File After Non-Standard Telephone Number

Segment: **N9** Reference Identification

Position: 5230

Loop: N9 Optional

Level: Detail 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*82*FAINFO

Data Element Summary

Ref. Data

Des. <u>Element</u> 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

"FAINFO"

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**FAINFO(DL-78)

Data Element Summary

Ref. Data

Des. Element Name

Attributes

MTX02 1551 Message Text X AN 1/4096

To transmit large volumes of message text

FAINFO(DL-78) = File After Information

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*82*PLINFO

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

"PLINFO"

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**PLINFO(DL-75)

Data Element Summary

Ref. Data

Des. Element Name

Attributes

MTX02 1551 Message Text X AN 1/4096

To transmit large volumes of message text

PLINFO(DL-75) = Prior Level Information

Segment: PO1 Baseline Item Data

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:

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	Nama		
<u>Des.</u> Attributes	Element	<u>name</u>		
PO101	350	Assigned Identification	0	AN 1/20
		Alphanumeric characters assigned for differentiation within set	n a tı	ransaction
		"DUMMY"		
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,	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 use	d in
PO107	234	Product/Service ID	X	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

<u>Attributes</u>

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: Comments:

Updated: March 11, 2002

1 SE is the last segment of each transaction set.

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

	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>		
M	SE01	96	Number of Included Segments	M	N0 1/10
			Total number of segments included in a transaction set in and SE segments	nclud	ing ST
M	SE02	329	Transaction Set Control Number	M	AN 4/9
			Identifying control number that must be unique within the functional group assigned by the originator for a transacti		

Functional Group ID= PC

Introduction:

The 860C21 will be used by the Co-Provider to initiate a supplemental service request for Centrex 21 to Qwest.

This implementation guideline references the following:

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

Notes:

This 860 Transaction includes the mappings for Local Service Request, End User, Centrex Resale Services, 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	
М	0200	BCH	Beginning Segment for Purchase Order Change	М	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
	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	
3500	PER	Administrative Communications Contact	0	>1	
3650	SI	Service Characteristic Identification	0	>1	

Detail:

Pos. <u>No.</u>	Seg. <u>ID</u>	<u>Name</u>	Req. Des.	Max.Use	Loop Notes and RepeatComments
		LOOP ID - POC			>1
0100	POC	Baseline Item Data - End User Form	0	1	
0180	SI	(Location and Access) 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 - N1			200
3400	N1	Name	0	1	
3700	N4	Geographic Location	0	1	
3850	NX2	Location ID Component	0	>1	
3900	PER	Administrative Communications Contact	0	3	
4050	SI	Service Characteristic Identification	0	>1	
		LOOP ID - POC			>1
0100	POC	Baseline Item Data - End User Form (Disconnect Information Section)	0	1	
0180	SI	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	
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
5360	N1	Name	0	1	
5700	REF	Reference Identification	0	12	

		LOOP ID - POC			>1	
0100	POC	Line Item Change - Centrex Resale	0	1		
0180	SI	Service Form (Details Section) Service Characteristic Identification	0	>1		
0.00	О.	LOOP ID - PID			1000	
0500	PID	Product/Item Description	0	1		
1000	REF	Reference Identification	0	>1		
2000	DTM	Date/Time Reference	0	10		
		LOOP ID - N9			1000	
3200	N9	Reference Identification	0	1	1000	
3260	MTX	Text	0	>1		
		LOOP ID - N1	-		200	
3400	N1	Name	0	1	200	
3400	INI			I .		
		LOOP ID - N1			200	
3400	N1	Name	0	1		
		LOOP ID - SLN			>1	
4600	SLN	Subline Item Detail	0	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	
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 - SLN			>1	
4600	SLN	Subline Item Detail	0	1		
					- 1	
4600	SLN	LOOP ID - SLN Subline Item Detail	0	1	>1	
4700	SI	Service Characteristic Identification	0	>1 >1		
4700	Si					
		LOOP ID - POC			>1	
0100	POC	Line Item Change - Regular Hunting	0	1		
0180	SI	Service Characteristic Identification	0	>1		
1000	REF	Reference Identification	0	>1		
4000	14.10	LOOP ID - SLN			>1	
4600	SLN	Subline Item Detail	0	1	4	
E000	NO	LOOP ID - N9		4	>1	
5230	N9	Reference Identification	0	1		

5250	MTX	Text	0	>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		
0100	JI	LOOP ID - QTY			>1	
2930	QTY	Quantity	0	1	21	
2300	QII	<u></u>				
		LOOP ID - QTY			>1	
2930	QTY	Quantity	0	1		
		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	>1	
0100 0180	POC SI		0	1 >1	>1	
		Line Item Change - DL Form (Service Details Section)	-		>1	
		Line Item Change - DL Form (Service Details Section) Service Characteristic Identification	-			
0180	SI	Line Item Change - DL Form (Service Details Section) Service Characteristic Identification	0	>1		
0180 0500	SI PID	Line Item Change - DL Form (Service Details Section) Service Characteristic Identification LOOP ID - PID Product/Item Description Reference Identification	0	>1	1000	
0180 0500	SI PID REF	Line Item Change - DL Form (Service Details Section) Service Characteristic Identification LOOP ID - PID Product/Item Description Reference Identification LOOP ID - N9	0 0	>1 1 >1		
0180 0500 1000 3200	SI PID REF N9	Line Item Change - DL Form (Service Details Section) Service Characteristic Identification LOOP ID - PID Product/Item Description Reference Identification LOOP ID - N9 Reference Identification	0 0 0	>1 1 >1	1000	
0180 0500 1000	SI PID REF	Line Item Change - DL Form (Service Details Section) Service Characteristic Identification LOOP ID - PID Product/Item Description Reference Identification LOOP ID - N9 Reference Identification Text	0 0	>1 1 >1	1000	
0180 0500 1000 3200 3260	SI PID REF N9 MTX	Line Item Change - DL Form (Service Details Section) Service Characteristic Identification LOOP ID - PID Product/Item Description Reference Identification LOOP ID - N9 Reference Identification Text LOOP ID - N9	0 0 0	>1 1 >1 1 >1	1000	
0180 0500 1000 3200 3260	SI PID REF N9 MTX	Line Item Change - DL Form (Service Details Section) Service Characteristic Identification LOOP ID - PID Product/Item Description Reference Identification LOOP ID - N9 Reference Identification Text LOOP ID - N9 Reference Identification	0 0 0 0 0	>1 1 >1 1 >1	1000	
0180 0500 1000 3200 3260	SI PID REF N9 MTX	Line Item Change - DL Form (Service Details Section) Service Characteristic Identification LOOP ID - PID Product/Item Description Reference Identification LOOP ID - N9 Reference Identification Text LOOP ID - N9 Reference Identification Text	0 0 0	>1 1 >1 1 >1	1000	
0180 0500 1000 3200 3260 3200 3260	SI PID REF N9 MTX N9 MTX	Line Item Change - DL Form (Service Details Section) Service Characteristic Identification LOOP ID - PID Product/Item Description Reference Identification LOOP ID - N9 Reference Identification Text LOOP ID - N9 Reference Identification Text	0 0 0 0 0 0 0	>1 1 >1 1 >1 1 >1 1 >1 >1	1000	
0180 0500 1000 3200 3260 3200 3260	SI PID REF N9 MTX N9 MTX	Line Item Change - DL Form (Service Details Section) Service Characteristic Identification LOOP ID - PID Product/Item Description Reference Identification LOOP ID - N9 Reference Identification Text LOOP ID - N9 Reference Identification Text LOOP ID - N9 Reference Identification	0 0 0 0 0 0 0	>1 1 >1 1 >1 1 >1 1 >1 1 1 1	1000	
0180 0500 1000 3200 3260 3200 3260	SI PID REF N9 MTX N9 MTX	Line Item Change - DL Form (Service Details Section) Service Characteristic Identification LOOP ID - PID Product/Item Description Reference Identification LOOP ID - N9 Reference Identification Text LOOP ID - N9 Reference Identification Text	0 0 0 0 0 0 0	>1 1 >1 1 >1 1 >1 1 >1 >1	1000	
0180 0500 1000 3200 3260 3200 3260	SI PID REF N9 MTX N9 MTX	Line Item Change - DL Form (Service Details Section) Service Characteristic Identification LOOP ID - PID Product/Item Description Reference Identification LOOP ID - N9 Reference Identification Text LOOP ID - N9 Reference Identification Text LOOP ID - N9 Reference Identification	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	>1 1 >1 1 >1 1 >1 1 >1 1 1 1	1000	
0180 0500 1000 3200 3260 3200 3260	SI PID REF N9 MTX N9 MTX	Line Item Change - DL Form (Service Details Section) Service Characteristic Identification LOOP ID - PID Product/Item Description Reference Identification LOOP ID - N9 Reference Identification Text	0 0 0 0 0 0 0	>1 1 >1 1 >1 1 >1 1 >1 1 1 1	1000	
0180 0500 1000 3200 3260 3200 3260 3200 3260	SI PID REF N9 MTX N9 MTX N9 MTX	Line Item Change - DL Form (Service Details Section) Service Characteristic Identification LOOP ID - PID Product/Item Description Reference Identification LOOP ID - N9 Reference Identification Text LOOP ID - N9 Reference Identification	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	>1 1 >1 1 >1 1 >1 1 >1 1 >1	1000	
0180 0500 1000 3200 3260 3200 3260 3200 3200	SI PID REF N9 MTX N9 MTX N9 MTX	Line Item Change - DL Form (Service Details Section) Service Characteristic Identification LOOP ID - PID Product/Item Description Reference Identification LOOP ID - N9 Reference Identification Text LOOP ID - N9 Reference Identification	0 0 0 0 0	>1 1 >1 1 >1 1 >1 1 >1 1 >1 1 1 1 1 1	1000	
0180 0500 1000 3200 3260 3200 3260 3200 3200	SI PID REF N9 MTX N9 MTX N9 MTX	Line Item Change - DL Form (Service Details Section) Service Characteristic Identification LOOP ID - PID Product/Item Description Reference Identification LOOP ID - N9 Reference Identification Text	0 0 0 0 0	>1 1 >1 1 >1 1 >1 1 >1 1 >1 1 1 1 1 1	1000 1000 1000	
0180 0500 1000 3200 3260 3200 3260 3200 3260	SI PID REF N9 MTX N9 MTX N9 MTX N9 MTX	Line Item Change - DL Form (Service Details Section) Service Characteristic Identification LOOP ID - PID Product/Item Description Reference Identification LOOP ID - N9 Reference Identification Text LOOP ID - N9	0 0 0 0 0 0	>1 1 >1 1 >1 1 >1 1 >1 1 >1 1 >1 1 >1	1000 1000 1000	

		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	
3860	SI	Service Characteristic Identification	0	1	
		LOOP ID - SLN			>1
4600	SLN	Subline Item Detail	0	1	
4700	SI	Service Characteristic Identification	0	>1	
		LOOP ID - N9			>1
5230	N9	Reference Identification	0	1	
5250	MTX	Text	0	>1	
		LOOP ID - N9			>1
5230	N9	Reference Identification	0	1	
5250	MTX	Text	0	>1	

Summary:

	Pos. <u>No.</u>	Seg. <u>ID</u>	·		Max.Use	Loop Notes and RepeatComments		
			LOOP ID - CTT			1		
	0100	CTT	Transaction Totals	0	1	n1		
М	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 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*860*TRAN SET CONTROL #

				inchi Gammary		
	Ref. <u>Des.</u>	Data <u>Element</u>	<u>Name</u>	·		
	Attributes					
M	ST01	143	Transactio	n Set Identifier Code	М	ID 3/3
			Code uniqu	ely identifying a Transaction Set		
			860	Purchase Order Change Request	- Buyer	Initiated
M	ST02	329	Transaction Set Control Number		M	AN 4/9
			, ,	control number that must be unique within group assigned by the originator for a transa		

Segment: **BCH** Beginning Segment for Purchase Order Change

Position: 0200

Loop:

Level: Heading Usage: Mandatory

Max Use: 1

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. Des.	Data Element	Name		
	Attributes	Liement	Name		
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)		
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 change or revision to a previously transmitted transaction set		
	DOLLOG	070	VER(LSR-3) = Version Identification		DT 0/0
М	BCH06	373	Date	M	DT 8/8
			Date expressed as CCYYMMDD		
			PO Date = Purchase Order Date (See Trading Partner Ad Information)	cess	3

REF Reference Identification Segment:

Position: 0500

Loop:

Level: Heading Optional Usage: Max Use: >1

Purpose: To specify identifying information

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

> 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*NAN(LSR-7a)*NAN 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

			Data 2.0	· Carrinary		
	Ref.	Data				
	Des.	Element	Name			
	Attributes					
M	REF01	128	Reference Iden	tification Qualifier	M	ID 2/3
			Code qualifying t	he Reference Identification		
			11	Account Number		
				Number identifies a telecommunica account	ations i	ndustry
			12	Billing Account		
				Account number under which billing	g is ren	dered
			1V	Related Vendor Order Number		
				A vendor's order number that is in a primary order number	addition	to a
			AO	Appointment Number		
			CO	Customer Order Number		
			JB	Job (Project) Number		
			SU	Special Processing Code		
				Unique code identifying the special requirements for the claim	handli	ng
	REF02	127	Reference Iden	tification	X	AN 1/30

X AN 1/30 **Reference Identification**

Reference information as defined for a particular Transaction Set or as

specified by the Reference Identification Qualifier

AN(LSR-7) = Account Number NAN(LSR-7a) = New 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 Χ 352 Description AN 1/80 A free-form description to clarify the related data elements and their content "AN" "NAN" "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:

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(CX-3)*EA PAM*BH*DDQTY(DL-23)*EA PAM*QU*HTQTY(LSR-6)*EA

Data Element Summary

Ref.	Data				
Des.	Element	<u>Name</u>			
Attributes					
PAM01	673	Quantity Q	ualifier	X	ID 2/2
		Code specify	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, af 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(CX-3) = 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 Figur examples of use)	es 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 FA Fach	expressed,	or

Updated: March 11, 2002

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.

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

4 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 charge.

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

3 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	r Code	X	ID 2/2
		Code identifying t	he agency assigning the code values		
		TI	Telecommunications Industry		
SAC04	1301	Agency Service Code	, Promotion, Allowance, or Charge	X	AN 1/10
		Agency maintaine or charge	ed code identifying the service, promotic	on, al	llowance,
		EXP	Expedited Service Charge		
		VT	Variable Term Contract Pricing Plan		
SAC15	352	Description		X	AN 1/80
		A free-form descri content	iption to clarify the related data element	s and	d their
		VTA (LSR-80) = $\$	/ariable Term Agreement		

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:

Ref.

Data

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

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

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

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

Data Element Summary

	<u>Des.</u> Attributes	Element	<u>Name</u>				
M	DTM01	374	Date/Time Qu	ualifier	M	ID 3/3	
			Code specifyin	g type of date or time, or both date and tim	ne		
			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 expresse	ate expressed as CCYYMMDD			
	D/TSENT(LSR-12) = Date Sent DDD(LSR-14) = Desired Due Date DATED(LSR-36) = Date of Agency Authorization DDDO(LSR-16) = Desired Due Date Out						
	DTM03	337	Time	,	X	TM 4/8	
			or HHMMSSD, (00-59), S = ind decimal secon hundredths (00	Time expressed in 24-hour clock time as follows: HHMM, or HHMMSSD, or HHMMSSDD, where H = hours (00-23) 00-59), S = integer seconds (00-59) and DD = decimal selecimal seconds are expressed as follows: D = tenths (0 nundredths (00-99) 0/TSENT{HHMM}(LSR-12) = Time Sent			
	DTM05	1250	•	riod 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

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

TM

(AN 1/35

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

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

Segment: SI Service Characteristic Identification

Position: 1850

Loop:

Level: Heading Usage: Optional Max Use: >1

Purpose: To specify service characteristic data

Syntax Notes: 1 If either SI04 or SI05 is present, then the other is required.

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*RE*REQTYP(LSR-23)

SI*TI*AA*ACT(LSR-24) SI*TI*LO*LST(LSR-42) SI*TI*LS*LSO(LSR-43) SI*TI*TY*TOS(LSR-44) SI*TI*IW*IWO(EU-36) SI*TI*CB*CB(CX-7) SI*TI*CL*COS(CX-28a)

Data Element Summary

			Data Licinciit (Janiniai y		
	Ref.	Data				
	Des.	Element	<u>Name</u>			
	Attributes					
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 inducharacteristics	stry code list qualifying the type of serv	ice	
			AA	Account Activity		
			CB	CENTREX Common Block Identifier		
			CL	Class of Service		
			IW	Inside Wiring Options		
			LO	Local Exchange Carrier Service Office)	
			LS	Local Serving Office		
			RE	Requisition Type and Status		
			TY	Type of Service		
M	SI03	234	Product/Service	ID	M	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-Conv. 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

TOS(LSR-44) = Type of Service IWO(EU-36) = Inside Wire Options LSO(LSR-43) = Local Service Office LST(LSR-42) = Local Service Termination

CB(CX-7) = Common Block COS(CX-28a) = Class of Service 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.

3 PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is

indeterminate.

4 PID09 is used to identify the language being used in PID05.

Comments: 1 If PID01 equals "F", then PID05 is used. If PID01 equals "S", then

PID04 is used. If PID01 equals "X", then both PID04 and PID05 are

used.

2 Use PID06 when necessary to refer to the product surface or layer

being described in the segment.

3 PID07 specifies the individual code list of the agency specified in

PID03.

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)

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

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

FBI (EU-42) = Final Bill Information Indicator

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

Y=(DWS: D-Different)

CONVIND(LSR-24a) = Conversion Indicator

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

AGAUTH(LSR-35) = Agency Authorization Status

CHC(LSR-22) = Coordinated Hot Cut

PENDING ORDER (LSR-108b) = Pending Order

Segment: **N9** Reference Identification

Position: 2850

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)

			Data Liement 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				
			H7 Standard Clause				
	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 ORI Order Instructions				
	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 nui	mbers 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 S	Set or as		
			MANUAL IND(EU-63a) = Manual Indicator				

MTX Text Segment:

Position: 2900

> N9 Loop: Optional

Level: Heading Usage: Optional >1

Max Use:

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(EU-63) Notes:

Data Element Summary

Ref. Data

Element Name Des.

Attributes

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

To transmit large volumes of message text

REMARKS(EU-63) = 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)

			Data Liement 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				
			H7 Standard Clause				
	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 ORI Order Instructions				
	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 identification specified by the Reference Qualifier	n nui	mbers 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 S	Set 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: N1 Name

Position: 3000

Loop: N1 Optional

Level: Heading 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*78*CCNA(LSR-1)

Data Element Summary

Ref. Data Des. **Element Name Attributes** М N101 98 **Entity Identifier Code** ID 2/3 Code identifying an organizational entity, a physical location, property or an individual 78 Service Requester N102 93 Name AN 1/60

Free-form name

CCNA(LSR-1) = Customer Carrier Name Abbreviation

PER Administrative Communications Contact Segment:

Position: 3500

> Loop: N1 Optional

Level: Heading Optional Usage: Max Use:

Purpose: To identify a person or office to whom administrative communications

should be directed

If either PER03 or PER04 is present, then the other is required. 1 **Syntax Notes:**

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 Attributes** М PER01 366 **Contact Function Code** ID 2/2 Code identifying the major duty or responsibility of the person or group named AG Agent ALAlternate Contact Person to be contacted when the main contact is not available CN General Contact PER02 AN 1/60 93 Name Free-form name INIT(LSR-81) = Initiator Identification IMPCON(LSR-91) = Implementation Contact ALT IMPCON(LSR-94) = Alternate Implementation Contact **Communication Number Qualifier** PER03 365 Χ ID 2/2

Code identifying the type of communication number

Telephone

PER04

364 **Communication Number** Χ 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** Χ 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 N	lumber	
		PAGER(LSR-93) = Pager Num	ber	
		PAGER(LSR-96) = Pager Num		
PER07	365	Communication Number Qua	alifier X	ID 2/2
		Code identifying the type of cor	nmunication number	
		EM Electronic I	Иail	
PER08	364	Communication Number	X	AN 1/256
		Complete communications num applicable	nber including country or area	code when
		EMAIL(LSR-83) = Electronic N	1ail 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 **Element Name** Des. **Attributes** М N101 98 **Entity Identifier Code** ID 2/3 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 N101 98 **Entity Identifier Code** ID 2/3 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

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-49)*ZIP(EU-50)

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(EU-49) = State/Province ID 3/15 N403 116

Code defining international postal zone code excluding punctuation and

blanks (zip code for United States)

ZIP(EU-50) = ZIP/Postal Code

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.

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

	Des.	Element	<u>Name</u>			
	<u>Attributes</u>					
M	NX201	1106	Address Compo	nent Qualifier	М	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 buil	ding
			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: PER Administrative Communications Contact

Position: 3500

Loop: N1 Optional

Level: Heading Usage: Optional

Max Use: >

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

PER04

364

Notes: PER*BI*BILLCON(EU-51)*TE*TEL NO(EU-52)

Data Element Summary

Data Ref. **Element Name** Des. **Attributes** М PER01 366 **Contact Function Code** ID 2/2 Code identifying the major duty or responsibility of the person or group named ВΙ Bill Inquiry Contact Service Provider contact for making inquires about information on the invoice PER02 93 Name AN 1/60 Free-form name BILLCON(EU-51) = Billing Contact PER03 365 **Communication Number Qualifier** ID 2/2 Χ Code identifying the type of communication number TE Telephone

Complete communications number including country or area code when

applicable

TEL NO(EU-52) = Telephone Number

Communication Number

X

AN 1/256

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. 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>	Data <u>Element</u>	<u>Name</u>		
<u>Attributes</u>				
SI01	559	Agency Qualifier Code	M	ID 2/2
		Code identifying the agency assigning the code values		
		TI Telecommunications Industry		
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		
SI03	234	Product/Service ID	M	AN 1/48
		Identifying number for a product or service		
		AFT (EU-44a) = Address Format Type		
	Des. Attributes SI01 SI02	Des. Element Attributes SI01 559 SI02 1000	Des. Attributes Sl01 559 Agency Qualifier Code Code identifying the agency assigning the code values TI Telecommunications Industry Sl02 1000 Service Characteristics Qualifier Code from an industry code list qualifying the type of sen characteristics AF Address Format Type Sl03 234 Product/Service ID Identifying number for a product or service	Des. Attributes SI01 559 Agency Qualifier Code Code identifying the agency assigning the code values TI Telecommunications Industry

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

Access)

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:

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

	Ref.	Data					
	Des.	<u>Element</u>	<u>Name</u>				
	<u>Attributes</u>						
	POC01	350	Assigned Identification	0	AN 1/20		
			Alphanumeric characters assigned for differentiation within set	n a tr	ransaction		
			"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 item				
			RZ Replace All Values				
			Receiver should replace the correspor the original purchase order with the va in the Purchase Order Change Transa	alues	contained		
	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	r use	ed in		
	POC09	234	Product/Service ID	X	AN 1/48		
			Identifying number for a product or service				
			"EU_SA"				

Segment: SI Service Characteristic Identification

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*OP*WSOP(EU-31)*TN*WSOP TEL NO(EU-31a)

	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 servic characteristics	се	
			OP Working Service on Premises		
M	SI03	SI03 234	Product/Service ID	M	AN 1/48
			Identifying number for a product or service		
			WSOP(EU-31) = Working Service on Premises		
	SI04	SI04 1000	Service Characteristics Qualifier	X	AN 2/2
			Code from an industry code list qualifying the type of servic characteristics	се	
			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 T Number	[ele	ohone

Segment: PID Product/Item Description

Position: 0500

Loop: PID Optional

Level: Detail
Usage: Optional

Max Use:

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 Lioinioni	- Currinary		
	Ref.	Data				
	Des.	Element	Name			
	Attributes					
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 the	ne agency assigning the code values		
			П	Telecommunications Industry		
	PID04	751	Product Descript	ion Code	X	AN 1/12
			A code from an industry code list which provides speroduct characteristic ANV Address Not Validated Indicator			about a
	PID07	822	Source Subqual		0	AN 1/15
	1 1501	OLL	•		•	
			Qualifier	ndicates the table or text maintained by	the .	Source
			SO-RSQ	Service Order - Reseller Questions		
	PID08	1073	Yes/No Condition	n or Response Code	0	ID 1/1
			Code indicating a	Yes or No condition or response		
			ANV(EU-8a) = Ad	dress 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:

Updated: March 11, 2002

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

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

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*L1*ACC*EU

Data Element Summary

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

"EU"

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

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

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*IT*NAME(EU-8)

Data Element Summary

Ref. Data Des. **Element Name Attributes** М N101 98 **Entity Identifier Code** ID 2/3 Code identifying an organizational entity, a physical location, property or an individual IT Installation on Site N102 93 Name 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	gov	ernment
		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)	ınctu	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:

М

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

Des. Element Name

Attributes

1106

NX201

Address Component Qualifier
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

ID 2/2

			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 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	tion M AN 1/55
			Address information	on
			SANO (EU-11) = \$	Service Address Number
			` ,	Service Address Street Name
			` ,	Service Address Street Directional Prefix
			BOX (EU-23c) = B	
			ROUTE (EU-23b) CITY (EU-24) = Ci	
			,	Assigned House Number
			•	Service Address Street Directional Suffix
				Service Address Number Prefix
				Service Address Number Suffix
				Samiles Address Chroat Time

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 Liement Summary		
	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>		
M	PER01	366	Contact Function Code	M	ID 2/2
			Code identifying the major duty or responsibility of the named	person	or group
			CA Customer Contact Granting Appoin	ntment	
	PER02	93	Name	0	AN 1/60
			Free-form name		
			LCON(EU-27) = Local Contact		
	PER03	365	Communication Number Qualifier	Х	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 capplicable	r area o	code 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.

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-9)

	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	М	AN 2/2
			Code from an industry code list qualifying the type of service characteristics	се	
			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 Baseline Item Data - 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:

Dof

Notes: POC*n*RZ******ZZ*EU DISC [POC Loop may repeat]

	Ret.	Data			
	Des.	Element	<u>Name</u>		
	Attributes				
	POC01	350	Assigned Identification	0	AN 1/20
			Alphanumeric characters assigned for differentiation within set	n a tr	ransaction
			"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 correspor the original purchase order with the va in the Purchase Order Change Transa	alues	contained
	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	r use	ed in
	POC09	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: 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*ND*DISC NBR(EU-55)

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

	Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	<u>Name</u>	·		
M	SI01	559	Agency Qualifie	er Code	M	ID 2/2
			Code identifying	the agency assigning the code values		
			TI	Telecommunications Industry		
M	SI02	1000	Service Charac	teristics Qualifier	M	AN 2/2
			Code from an inc characteristics	dustry code list qualifying the type of serv	/ice	
			ND	Disconnect Number		
			T6	Transfer of Call Options		
M	SI03	234	Product/Service	e ID	М	AN 1/48
			Identifying number	er for a product or service		
			,	5) = 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

			Data Element Guilliary		
	Ref. Des.	Data Element	Name		
	Attributes	Liciliana	<u>Nume</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 Transaction specified by the Reference Identification Qualifier			
			DNUM (EU-54) = Disconnect Line Number		
	REF03	352	Description	X	AN 1/80
			A free-form description to clarify the related data elements content	s and	d their
			"DNUM"		

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} (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: 4600

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.

6 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*TCPRI*n*A*1*EA

	Ref.	Data				
	Des.	Element	<u>Name</u>			
	<u>Attributes</u>					
М	SLN01	350	Assigned Identification	М	AN 1/20	
			Alphanumeric characters assigned for differentiation within a transaction set			
			"TCPRI"			
	SLN02	350	Assigned Identification	0	AN 1/20	
			Alphanumeric characters assigned for differentiation within a transaction set			
			"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
			To identify a composite unit of measure (See Figuexamples of use)	
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 EA Each	expressed, or

Segment: SI Service Characteristic Identification

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*TC*TC TO PRI (EU-58)

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

			Data Element Summary		
	Ref.	Data			
	Des.	Element	<u>Name</u>		
	<u>Attributes</u>				
M	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 Transaction specified by the Reference Identification Qualifier	on S	Set or as
			TCID (EU-58a) = Transfer of Calls to Identifier		
	REF03	352	Description	Χ	AN 1/80
			A free-form description to clarify the related data elements content	and	d their
			"PRI"		

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.

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

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

8 If either SLN17 or SLN18 is present, then the other is required.9 If either SLN19 or SLN20 is present, then the other is required.

10 If either SLN21 or SLN22 is present, then the other is required.11 If either SLN23 or SLN24 is present, then the other is required.

12 If either SLN25 or SLN26 is present, then the other is required.

13 If either SLN27 or SLN28 is present, then the other is required.

Semantic Notes: 1 SLN01 is the identifying number for the subline item.

2 SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials.

3 SLN03 is the configuration code indicating the relationship of the subline item to the baseline item.

4 SLN08 is a code indicating the relationship of the price or amount to the associated segment.

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

2 SLN01 is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1.

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>			
	<u>Attributes</u>					
М	SLN01	350	Assigned Identification	М	AN 1/20	
			Alphanumeric characters assigned for differentiation within a transaction set			
			"TCSEC"			
	SLN02	350	Assigned Identification	0	AN 1/20	
			Alphanumeric characters assigned for differentiation within a transaction set			
			"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
			To identify a composite unit of measure (See F examples of use)	
M	C00101	355	Unit or Basis for Measurement Code	M ID 2/2
			Code specifying the units in which a value is be manner in which a measurement has been take 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 (EU-59)

	Ref.	Data			
	Des.	Element	<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 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 (EU-59) = Transfer of Calls To Secondary Nu	mbe	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(EU-61)

Data Element Summary

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

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

Segment: POC Line Item Change - Centrex Resale Service Form (Details

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: POC*n*RZ******ZZ*CX [POC Loop may repeat]

	Ref.	Data			
	Des.	Element	<u>Name</u>		
	<u>Attributes</u>				
	POC01	350	Assigned Identification	0	AN 1/20
			Alphanumeric characters assigned for differentiation within set	n a tr	ransaction
			"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 correspor the original purchase order with the va in the Purchase Order Change Transa	alues	contained
	POC08	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 use	ed in
	POC09	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
			"CX"		

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*NQ*NPI (CX-32)

SI*TI*SA*LNA (CX-33) SI*TI*TN*TNS (CX-35) SI*TI*OT*OTN (CX-38) SI*TI*T6*TC OPT (CX-56a) SI*TI*TS*SGNL (CX-58) SI*TI*AT*LTC (CX-45) SI*TI*TQ*TLI (CX-36a) SI*TI*T5*TERS (CX-36) SI*TI*LZ*LSCP (CX-46)

			Data Lioiniont	ourimury		
	Ref.	Data				
	Des.	Element	<u>Name</u>			
	<u>Attributes</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 indu	ustry code list qualifying the type of ser	/ice	
			characteristics			
			AT	Customer Access Treatment		
			LZ	Freeze Local Service Provider		
			NQ	Number Portability Indicator		
			OT	Out Telephone Number		
			SA	Service Activity		
			T5	Terminal Number		
			T6	Transfer of Call Options		
			TN	Telephone Number		
			TQ	Telephone Line Identifier		
			TS	Type of Signaling		
M	SI03	234	Product/Service	ID	M	AN 1/48

Identifying number for a product or service

LNA (CX-33) = Line Activity C= (DWS: C-Change)

> V= (DWS: V-Conversion as specified) CT= (DWS: X-Telephone number change)

A= (DWS: N-New) D= (DWS: D-Disconnect) P= (DWS: P-PIC change)

T= (DWS: T-Outside Move within the Central Office)

L= (DWS: L-Seasonal Suspend)

SGNL (CX-58) = Signaling

LST(DWS: LS-Loop Start (default))
GST(DWS: GS-Ground Start)

NPI (CX-32) = Number Portability Indicator

TNS (CX-35) = Telephone Numbers OTN (CX-38) = Out Telephone Number TC OPT (CX-56a) =Transfer of Calls Option LTC (CX-45) = Line Treatment Code

TLI (CX-36a) = Telephone Line Identifier TERS (CX-36) = Terminal Numbers

LSCP (CX-46) = Local Service Provider Change Prohibited

Segment: PID Product/Item Description

Position: 0500

Loop: PID Optional

Level: Detail
Usage: Optional

Max Use:

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(CX-63a)

			Duta =:0:::0::			
	Ref.	Data				
	Des.	Element	<u>Name</u>			
	Attributes					
M	PID01	349	Item Description	n Type	M	ID 1/1
			Code indicating	the format of a description		
			S	Structured (From Industry Code List)		
	PID03	559	Agency Qualifi	er Code	X	ID 2/2
			Code identifying	the agency assigning the code values		
			TI	Telecommunications Industry		
	PID04	751	Product Descri	ption Code	X	AN 1/12
			A code from an product character	industry code list which provides specific eristic	data	about a
			AG	Network Interface Device Request		
	PID07	822	Source Subqua	alifier	0	AN 1/15
			A reference that Qualifier	indicates the table or text maintained by	the s	Source
			SO-RSQ	Service Order - Reseller Questions		
	PID08	1073	Yes/No Condition	on or Response Code	0	ID 1/1
			Code indicating	a Yes or No condition or response		
			NIDR(CX-63a) =	Network Interface Device 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*LOCNUM(CX-29)*LOCNUM

REF*IX*LNUM(CX-30)*LNUM REF*AE*SAN(CX-54)

Data Element Summary

Ref. Data <u>Des. Element</u> <u>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

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

LOCNUM(CX-29) = Location Number

LNUM(CX-30) = Line Number

SAN(CX-54) = Subscriber Authorization Number

REF03 352 Description X AN 1/80

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

content

"LOCNUM"
"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}(CX-56h)

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(CX-56h) = Transfer of Calls Period

Segment: **N9** Reference Identification

Position: 3200

Loop: N9 Optional

Level: Detail
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*CX****2W>MANUAL IND(CX-68b)

			Data Licini	cit Gainnary		
	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>			
	<u>Attributes</u>					
М	N901	128	Reference Id	entification Qualifier	М	ID 2/3
			Code qualifyin	g the Reference Identification		
			H7	Standard Clause		
	N902	127	Reference Id	entification	X	AN 1/30
				ormation as defined for a particular Tran ne Reference Identification Qualifier Order Instructions	saction S	Set or as
	N903	369	Free-form De	escription	X	AN 1/45
			Free-form des	criptive text		
			"CX"			
	N907	C040	Reference Id	entifier	0	
				e or more reference numbers or identific ne Reference Qualifier	ation nu	mbers as
M	C04001	128	Reference Id	entification Qualifier	M	ID 2/3
			Code qualifyin	g the Reference Identification		
			2W	Change Order Authority		
M	C04002	127	Reference Id	entification	M	AN 1/30
				ormation as defined for a particular Tran ne Reference Identification Qualifier	saction S	Set or as
			MANUAL IND	(CX-68b) = Manual Indicator		

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.

MTX**REMARKS(CX-68a) Notes:

Data Element Summary

Ref. Data

Element Name Des.

Attributes

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

To transmit large volumes of message text

REMARKS(CX-68a) = Remarks

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(CX-41)

			Data Liellielli	Julilliai y		
	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>	•		
M	N101	98	Entity Identifier C	Code	M	ID 2/3
			Code identifying a an individual	n organizational entity, a physical loca	tion,	property or
			P9	Primary Interexchange Carrier (PIC)		
				Identifies the carrier who will handle t interexchange calls	he	
	N103	66	Identification Co	de Qualifier	X	ID 1/2
			Code designating Identification Code	the system/method of code structure u (67)	sed f	for
			41	Telecommunications Carrier Identifica	ation	Code
				Identifies the Interexchange carrier fo being billed	r the	charges
	N104	67	Identification Co	de	X	AN 2/80
			Code identifying a	party or other code		
			PIC(CX-41) = Inter	LATA 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(CX-42)

			Data Lioinoni	· Cammary		
	Ref.	Data				
	Des.	Element	Name			
	Attributes					
M	N101	98	Entity Identifier	Code	M	ID 2/3
			Code identifying an individual	an organizational entity, a physical loca	ıtion,	property or
			8V	Primary Intra-LATA (Local Access T	ransp	ort Area)
				Carrier	•	,
	N103	66	Identification C	ode Qualifier	X	ID 1/2
			Code designating Identification Cod	the system/method of code structure (e (67)	used	for
			41	Telecommunications Carrier Identific	ation	Code
				Identifies the Interexchange carrier for being billed	or the	charges
	N104	67	Identification Co	ode	X	AN 2/80
			Code identifying a	a party or other code		
			LPIC(CX-42) = Int	traLATA Pre-subscription Indicator Cod	e	

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 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*TCPRI*n*A*1*EA

	Ref.	Data			
	Des.	<u>Element</u>	<u>Name</u>		
	<u>Attributes</u>				
M	SLN01	350	Assigned Identification	M	AN 1/20
			Alphanumeric characters assigned for differentiation within set	n a t	ransaction
			"TCPRI"		
	SLN02	350	Assigned Identification	0	AN 1/20
			Alphanumeric characters assigned for differentiation within set	n a t	ransaction
			"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	Χ	
	000101		To identify a composite unit of measure (See Figur examples of use)	• • • • • • • • • • • • • • • • • • • •	
M	C00101	355	Unit or Basis for Measurement Code	M	ID 2/2
			Code specifying the units in which a value is being a manner in which a measurement has been taken EA Each	expressed	, or

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(CX-56b)

	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 PRI(CX-56b) = 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.

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

Notes: N1*TT*TC NAME(CX-56d)

Data Element Summary

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

Free-form name

TC NAME(CX-56d) = 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(CX-56c)*PRI

M	M ID 2/3
	X AN 1/30
	ction Set or as
	X AN 1/80
	nts and their
	its and th

Segment: SLN Subline Item Detail

Position: 4600

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.

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*TCSEC*n*A*1*EA [SLN loop may repeat]

	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 a transaction set			
			"TCSEC"			
	SLN02	350	Assigned Identification	0	AN 1/20	
			Alphanumeric characters assigned for differentiation with set	n a t	ransaction	
			"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	
			To identify a composite unit of measure (See Figure examples of use)	es Append	
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 EA Each	expressed	l, or

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(CX-56e)

	Ref.	Data			
	Des.	Element	<u>Name</u>		
	<u>Attributes</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	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 (CX-56e) = Transfer of Calls to Secondary Nu	ımbe	er

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(CX-56g)

Data Element Summary

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

Free-form name

TC NAME(CX-56g) = 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(CX-56f)*SEC

			Data Element Gammary		
	Ref.	Data			
	Des.	Element	<u>Name</u>		
	Attributes				
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 Traspecified by the Reference Identification Qualifier	ansaction S	Set or as
			TCID(CX-56f) = Transfer of Calls to Identifier		
	REF03	352	Description	Х	AN 1/80
			A free-form description to clarify the related data electrontent	ments and	d their
			"SEC"		

Segment: SLN Subline Item Detail

Position: 4600

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.

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*BL*n*A*1*EA

	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>			
	<u>Attributes</u>					
M	SLN01	350	Assigned Identification	M	AN 1/20	
			Alphanumeric characters assigned for differentiation within a transaction set			
			"BL"			
	SLN02	350	Assigned Identification	0	AN 1/20	
			Alphanumeric characters assigned for differentiation within set	n a t	ransaction	
			"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 valu	e of quantity		
			1	Always One		
	SLN05	C001	Composite U	Jnit of Measure	X	
			examples of	,		
M	C00101	355	Unit or Basis	s for Measurement Code	M	ID 2/2
				ing the units in which a value i nich a measurement has been Each	• .	d, or

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*BB*BA(CX-47)*TB*BLOCK(CX-48)

	Ref.	Data			
	Des.	Element	<u>Name</u>		
	<u>Attributes</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	
			BB Blocking Activity		
М	SI03	234	Product/Service ID	M	AN 1/48
			Identifying number for a product or service		
			BA(CX-47) = Blocking Activity		
	SI04	1000	Service Characteristics Qualifier	X	AN 2/2
			Code from an industry code list qualifying the type of serv characteristics	ice	
			TB Blocking/Billing Exception		
	SI05	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
			BLOCK(CX-48) = Block		

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.

SLN01 is the identifying number for the subline item. Semantic Notes:

> 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(CX-65)*EA****EQ*IWJK(CX-64) [SLN loop may repeat per Notes:

Inside Wiring pair]

	Ret.	Data				
	Des.	Element	<u>Name</u>			
	Attributes					
M	SLN01	350	Assigned Identification	М	AN 1/20	
			Alphanumeric characters assigned for differentiation within	n a t	ransaction	
			set			
			"IW"			
	SLN02	350	Assigned Identification	0	AN 1/20	
				Alphanumeric characters assigned for differentiation within set	n a t	ransaction
			"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			
			IWJQ(CX-65) = Inside Wire Jack Quantity			
	SLN05	C001	Composite Unit of Measure	Χ		
			To identify a composite unit of measure (See Figures examples of use)	Append	dix for	
M	C00101	355	Unit or Basis for Measurement Code	M	ID 2/2	
			Code specifying the units in which a value is being exp manner in which a measurement has been taken EA Each	oressed	, or	
	SLN09	235	Product/Service ID Qualifier	X	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	X	AN 1/48	
			Identifying number for a product or service			
			IWJK(CX-64) = Inside Wire Jack Code			

Segment: SLN Subline Item Detail

Position: 4600

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.

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

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

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: 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>			
	<u>Attributes</u>					
M	SLN01	350	Assigned Identification	М	AN 1/20	
			Alphanumeric characters assigned for differentiation within a transaction set			
			"FA"			
	SLN02	350	Assigned Identification	0	AN 1/20	
			Alphanumeric characters assigned for differentiation within set	n a t	ransaction	
			"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
			To identify a composite unit of measure (See Fig examples of use)	
M	C00101	355	Unit or Basis for Measurement Code	M ID 2/2
			Code specifying the units in which a value is bein manner in which a measurement has been taken 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:

Updated: March 11, 2002

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

qualifiers.

Notes: SI*TI*SA*FA(CX-66)*SC*FEATURE(CX-67)

SI*TI*FD*FEATURE DETAIL(CX-68) [SI segment may repeat]

	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 FD	stry code list qualifying the type of serv Feature Detail	ice	
			SA			
М	SI03	234	Product/Service	Service Activity	М	AN 1/48
IVI	3103	234		for a product or service	IVI	AN 1/40
			FA(CX-66) = 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(CX-68) = Feature Detail Service Characteristics Qualifier Code from an industry code list qualifying the type of service characteristics SC Service Category			
	SI04	1000				AN 2/2
	3104	1000				AIT 4/4
	SI05	234	Product/Service	.	X	AN 1/48
			Identifying number for a product or service			
	FEATURE(CX-67) = 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 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: 1 POC01 is the purchase order line item identification.

Comments:

Notes: POC*n*RZ******ZZ*HG [If this segment appears HNTYP(LSR-116) = 5]

	Ref.	Data			
	Des.	Element	<u>Name</u>		
	<u>Attributes</u>				
	POC01	350	Assigned Identification	0	AN 1/20
	Alphanumeric characters assigned for differentiation wit set				ransaction
			"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 item		
			RZ Replace All Values		
			Receiver should replace the correspon the original purchase order with the va in the Purchase Order Change Transa	lues	contained
	POC08	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 use	ed 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.

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

	Ref.	Data				
	Des.	Element	<u>Name</u>			
	<u>Attributes</u>					
M	SI01	559	Agency Qu	alifier Code	M	ID 2/2
			Code identif	ying the agency assigning the code values		
			TI	Telecommunications Industry		
M	SI02	1000	Service Ch	aracteristics Qualifier	М	AN 2/2
			Code from a characterist	an industry code list qualifying the type of ser- ics	vice	
			SA	Service Activity		
			SF	Service Feature/Option		
			SG	Service Group		
M	SI03	234	Product/Se	ervice 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 HTY003=(DWS: 5-Regular/Series) HTY004=(DWS: 4-Multi-Line)

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.

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 Transac specified by the Reference Identification Qualifier	ction S	Set or as
			HNUM(LSR-110) = Hunt Number LOCNUM(LSR-109) = Location Number		
	REF03	352	Description	Х	AN 1/80

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:

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.

6 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*HNT*n*A*1*EA

	Ref.	Data					
	Des.	<u>Element</u>	<u>Name</u>				
	<u>Attributes</u>						
M	SLN01	350	Assigned Identification	М	AN 1/20		
			Alphanumeric characters assigned for differentiation within a transaction set				
			"HNT"				
	SLN02	350	Assigned Identification	0	AN 1/20		
			Alphanumeric characters assigned for differentiation within a transaction set				
			"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
			To identify a composite unit of measure (See examples of use)	
M	C00101	355	Unit or Basis for Measurement Code	M ID 2/2
			Code specifying the units in which a value is to manner in which a measurement has been to 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:

N902

Notes: N9*55*HTSEQ

Data Element Summary

Ref. Data
Des. Element Name
Attributes

M N901 128 Reference Identification Qualifier M ID 2/3

Code qualifying the Reference Identification
55 Sequence Number

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.

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 - 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 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: Comments:

otes: 1 POC01 is the purchase order line item identification.

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

	Ref.	Data			
	<u>Des.</u> Attributes	Element	<u>Name</u>		
	POC01	350	Assigned Identification	0	AN 1/20
			Alphanumeric characters assigned for differentiation within set	n a tr	ransaction
			"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 item		
			RZ Replace All Values		
			Receiver should replace the correspond the original purchase order with the value in the Purchase Order Change Transa	alues	contained
	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	r use	ed in
	POC09	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
			"ML"		

Segment: SI Service Characteristic Identification

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) SI*TI*TQ*TLI(LSR-115)

Data Element Summary

	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 ider	ntifying the agency assigning the code values		
			TI	Telecommunications Industry		
M	SI02	1000	Service (Characteristics Qualifier	M	AN 2/2
			Code fron character	n an industry code list qualifying the type of seristics	vice	
			SA	Service Activity		
			SF	Service Feature/Options		
			SG	Service Group		
			TQ	Telephone Line Identifier		
M	SI03	234	Product/	Service ID	M	AN 1/48
			Identifying	number for a product or service		
			LIA/I CD 4	(12) - Hunt Croup Activity		

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

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

Position: 1000

Loop: POC Optional

Data

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*HNUM(LSR-110)*HNUM

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

Data Element Summary

Des. Element Name
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 Transaction Set 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 elements and their content

"HNUM"
"LOCNUM"

Segment: SLN Subline Item Detail

Position: 4600

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.

If SLN07 is present, then SLN06 is required.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.

6 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.

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

	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>			
M	SLN01	350	Assigned Identification	М	AN 1/20	
			Alphanumeric characters assigned for differentiation within a transaction set			
			"MHNT"			
	SLN02	350	Assigned Identification	0	AN 1/20	
			Alphanumeric characters assigned for differentiation within set	n a t	ransaction	
			"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
			To identify a composite unit of measure (See Fi examples of use)	gures Appendix for
M	C00101	355	Unit or Basis for Measurement Code	M ID 2/2
			Code specifying the units in which a value is bei manner in which a measurement has been take EA Each	•

Reference Identification Segment:

Position: 5230

> Loop: N9 Optional

Level: Detail Usage: Optional

Max Use:

Purpose: To transmit identifying information as specified by the Reference

Identification Qualifier

At least one of N902 or N903 is required. **Syntax Notes:** 1

If N906 is present, then N905 is required.

3 If either C04003 or C04004 is present, then the other is required. If either C04005 or C04006 is present, then the other is required. 4

Semantic Notes: 1 N906 reflects the time zone which the time reflects.

N907 contains data relating to the value cited in N902.

Comments:

N9*55*HTSEQ Notes:

Data Element Summary

Ref. Data **Element Name** Des. **Attributes Reference Identification Qualifier** N901 128

М М ID 2/3

> 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.

1 POC01 is the purchase order line item identification.

Semantic Notes: Comments:

Notes:

POC*n*RZ*****ZZ*DA [POC Loop repeats DDQTY(DL-23) times]

	Ref.	Data			
	<u>Des.</u> Attributes	Element	<u>Name</u>		
	POC01	350	Assigned Identification	0	AN 1/20
			Alphanumeric characters assigned for differentiation within set	n a tr	ansaction
			"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 correspor the original purchase order with the va in the Purchase Order Change Transa	alues	contained
	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	r use	d in
	POC09	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
			"DA"		

Segment: SI Service Characteristic Identification

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*AD*DACT(DL-81)

	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 servi characteristics	ce	
			AD Delivery 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.

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

	Ref. <u>Des.</u>	Data <u>Element</u>	<u>Name</u>		
M	Attributes QTY01	673	Quantity Qualifier	M	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 De	livery	
	QTY03	C001	Composite Unit of Measure	0	
			To identify a composite unit of measure (See Figures Ap examples of use)	pend	ix 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

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

	Ret.	Data				
	Des.	Element	<u>Name</u>			
	Attributes					
M	QTY01	673	Quantity Qualifier	М	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 of Connect	on New	I	
	QTY03	C001	Composite Unit of Measure	0		
			To identify a composite unit of measure (See Figures A examples of use)	nppend	lix for	
M	C00101	355	Unit or Basis for Measurement Code	М	ID 2/2	
			Code specifying the units in which a value is being exp	hassar	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

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*DA*DELNAME

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 AN 1/60

Free-form name

"DELNAME"

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.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(DL-99)*ZIP(DL-100)

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(DL-99) = State/Province

N403 116 Postal Code O ID 3/15

Code defining international postal zone code excluding punctuation and

blanks (zip code for United States)

ZIP(DL-100) = ZIP/Postal Code

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:

Ref.

Notes: NX2*01*DDANO(DL-85) NX2*02*DDASN(DL-88)

Data

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.	<u>Element</u>	<u>Name</u>			
M	Attributes NX201	1106	Address Compor	nent Qualifier	М	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		

M NX202 166 Address Information M AN 1/55

Address information

62

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

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

Street Name Suffix

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

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.

10 If either POC22 or POC23 is present, then the other is required.
11 If either POC24 or POC25 is present, then the other is required.
12 If either POC26 or POC27 is present, then the other is required.

Semantic Notes: Comments:

Notes:

1 POC01 is the purchase order line item identification.

POC*n*RZ******ZZ*DL*SH*RTY(DL-12)*LS*SO(DL-56a) [POC Loop may

repeat]

			Data Lienient	Julilliai y		
	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>			
	POC01	350	Assigned Identific	cation	0	AN 1/20
	1 0001	000	_	acters assigned for differentiation withi	•	
			"n" = nth assigned	ID within POC loop		
M	POC02	670	Change or Respo	nse Type Code	M	ID 2/2
			Code specifying th	e type of change to the line item		
			RZ	Replace All Values		
				Receiver should replace the correspond the original purchase order with the va- in the Purchase Order Change Transa	lues	contained
	POC08	235	Product/Service		X	ID 2/2
			Code identifying the Product/Service ID ZZ	e type/source of the descriptive numbe (234) Mutually Defined	r use	ed in
	POC09	234	Product/Service	ID	X	AN 1/48
			Identifying number	for a product or service		
			"DL"			
	POC10	235	Product/Service	ID Qualifier	Х	ID 2/2
			Code identifying the Product/Service ID SH	e type/source of the descriptive numbe (234) Service Requested	r use	ed in
				A numeric or alphanumeric code from	a lis	t of
	POC11	234	Product/Service	services available to the customer	X	AN 1/48

		Identifying number for a product or service						
		RTY(DL-12) = Record Type						
POC12	235	Product/Service ID Qualifier	X	ID 2/2				
		Code identifying the type/source of the descriptive numb Product/Service ID (234) LS Load Sequence	er us	ed in				
POC13	234	Product/Service ID	X	AN 1/48				
		Identifying number for a product or service						
		SO(DL-56a) = Sequence Override						

Segment: SI Service Characteristic Identification

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.

in either Sizo of Sizi is present,

Semantic Notes:

Comments: 1 Sl01 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)
SI*TI*DU*HS (DL-46a)
SI*TI*C3*HTN (DL-46b)
SI*TI*C4*HNSTN (DL-46c)
SI*TI*C5*FATN (DL-56c)
SI*TI*C6*FANSTN (DL-56d)

	Ref.	Data		· · · · · · · · · · · · · · · · · · ·		
	<u>Des.</u> Attributes	Element	<u>Name</u>			
M	SI01	559	Agency Qualifier	Code	M	ID 2/2
			Code identifying th	ne agency assigning the code values		
			TI	Telecommunications Industry		
M	SI02	1000	Service Characte	eristics Qualifier	M	AN 2/2
			Code from an inducharacteristics	stry code list qualifying the type of serv	ice	
			ВО	Business/Residence Placement Overr	ide	
			BR	Directory Listings Type of Account		
			C3	Header Telephone Number		
			C4	Header Non-Standard Telephone Num	ber	
			C5	Sequence Telephone Number		
			C6	File After Non-Standard Telephone Nu	mbe	er
			DG	Degree of Indent		
			DN	Directory Book Name		
			DU	Directory Caption Header Status		

LB Listing Activity Indicator

LE Listing Type

TW Style

M SI03 234 Product/Service ID M AN 1/48

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

HS(DL-46a) = Header Status

HTN(DL-46b) = Header Telephone Number

HNSTN(DL-46c) = Header Non-Standard Telephone Number

FATN(DL-56c) = File After Telephone Number

FANSTN(DL-56d) = File After Non-Standard Telephone Number

PID Product/Item Description Segment:

Position: 0500

> Loop: PID Optional

Level: Detail Optional Usage:

Max Use:

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

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

At least one of PID04 or PID05 is required. 3 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: 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.

PID09 is used to identify the language being used in PID05.

Comments: 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

2 Use PID06 when necessary to refer to the product surface or layer being described in the segment.

PID07 specifies the individual code list of the agency specified in

PID03.

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

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> <u>Attributes</u>	Data <u>Element</u>	<u>Name</u>	·			
M	PID01	349	Item Descrip	tion Type	M	ID 1/1	
			Code indicati	ng the format of a description			
			S	Structured (From Industry Code List)			
	PID03	559	Agency Qua	lifier Code	X	ID 2/2	
			Code identify	ing the agency assigning the code values			
			ΤΙ	Telecommunications Industry			
	PID04	751	Product Des	cription Code	X	AN 1/12	
			A code from an industry code list which provides specific			c data about a	
			product characteristic				
			AR	Omit Telephone Number			
			AS	Listed Name Placement			
			AT	Address Indicator			

AW 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

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 TNY=(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

REF Reference Identification Segment:

Position: 1000

POC Loop: 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: 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: 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"

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.

MTX**PLA(DL-55) Notes:

Data Element Summary

Ref. Data

Element Name Des.

Attributes

MTX02 1551 **Message Text** Χ 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:

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 Elemen	t Summary		
	Ref.	Data				
	Des.	Element	<u>Name</u>			
	<u>Attributes</u>					
М	N901	128	Reference Iden	tification Qualifier	M	ID 2/3
			Code qualifying t	he Reference Identification		
			82	Data Item Description (DID) Reference	е	
				Specific data elements that the gover a contractor to provide and are spelle requirement documents		
	N902	127	Reference Iden	tification	X	AN 1/30
			Reference information as defined for a particular Transaction specified by the Reference Identification Qualifier			Set or as
		"LTXTY"				
	N903	369	Free-form Desc	ription	X	AN 1/45
			Free-form descrip	ptive text		
			LTXTY(DL-57) =	Listing Text Type		

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.

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**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: 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.

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 N906 reflects the time zone which the time reflects.

2 N907 contains data relating to the value cited in N902.

Comments:

Notes: N9*82*FAINFO

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

Reference information as defined for a particular Transaction Set or as

specified by the Reference Identification Qualifier

"FAINFO"

AN 1/30

Χ

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**FAINFO(DL-56b)

Data Element Summary

Ref. Data

Des. Element Name

Attributes

MTX02 1551 Message Text X AN 1/4096

To transmit large volumes of message text

FAINFO(DL-56b) = File After Information

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

Data Element Summary

	Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	Name		
M	N901	128	Reference Identification Qualifier	М	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 S	Set or as
	N903	369	Free-form Description Free-form descriptive text	X	AN 1/45

"DL"

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.

MTX**REMARKS(DL-113) Notes:

Data Element Summary

Ref. Data

Element Name Des.

Attributes

Message Text MTX02 1551 Χ AN 1/4096

To transmit large volumes of message text

REMARKS(DL-113) = Remarks

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.

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 N906 reflects the time zone which the time reflects.

2 N907 contains data relating to the value cited in N902.

Comments:

Notes: N9*82*HADDR

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

"HADDR"

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.

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",

If MTX05 is present, then MTX04 is required.

then MTX05 is required.

MTX**HADDR(DL-46d) 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

HADDR(DL-46d) = Header Address

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*DH*LISTINGS

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 AN 1/60

iz 95 Name

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:

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)

Data Element Summary

	Ref.	Data		•		
	Des.	Element	<u>Name</u>			
	<u>Attributes</u>					
M	IN201	1104	Name Compone	ent Qualifier	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			
	Noon		TITLE1(DL-49) = Title of Address 1 TITLE1D(DL-52) = Title of Address 1 for Dual Name LNFN(DL-46) = Listed Name First LNLN(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			
			,	Listed Name First		
			"TITLE1"			
			"TITLE1D" "TL"			
			"TLD"			

"DESD"

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.2 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

Attributes

Element Name

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:

Ref.

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

Data Element Summary

	<u>Des.</u> Attributes	Element	<u>Name</u>			
M	NX201	1106	Address Compo	onent Qualifier	M	ID 2/2
			Code qualifying t	he 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		

M NX202 166 Address Information M AN 1/55

Address information

62

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

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

Street Name Suffix

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: 3860

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)

Data Element Summary

	Ref. Des.	Data <u>Element</u>	<u>Name</u>	•		
М	Attributes SI01	559	Agency Qualifier	Code	М	ID 2/2
			Code identifying the	ne agency assigning the code values		
			TI	Telecommunications Industry		
M	SI02	1000	Service Characteristics 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: 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*CAPTION*n*A*1*EA****LS*SO(DL-77) [SLN loop may repeat]

Data Element Summary

	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 a transaction set			
			"CAPTION"			
	SLN02	350	Assigned Identification	0	AN 1/20	
			Alphanumeric characters assigned for differentiation within set	n a t	ransaction	
			"n" = nth assigned ID within SLN loop			
M	SLN03	662	Relationship Code	М	ID 1/1	
			Code indicating the relationship between entities			
			A Add			
	SI NO4	380	Quantity	X	R 1/15	

			Numeric value of quantity		
			1 Always One		
	SLN05	C001	Composite Unit of Measure	X	
			To identify a composite unit of measure (See Figure examples of use)	es Append	dix for
M	C00101	355	Unit or Basis for Measurement Code	M	ID 2/2
			Code specifying the units in which a value is being a manner in which a measurement has been taken EA Each	expressed	, or
	SLN09	235	Product/Service ID Qualifier	X	ID 2/2
			Code identifying the type/source of the descriptive n Product/Service ID (234) LS Load Sequence	umber us	ed in
	SLN10	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
			SO(DL-77) = Sequence Override		

SI Service Characteristic Identification Segment:

4700 Position:

> Loop: SLN 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. 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. 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*DG*LVL(DL-73)

> SI*TI*DU*PLS(DL-74) SI*TI*C5*FATN(DL-79) SI*TI*C3*PLTN(DL-76) SI*TI*C4*PLNSTN(DL-76a) SI*TI*C6*FANSTN(DL-79a)

Data Element Summary

	Ref.	Data		•		
	Des.	Element	<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	eristics Qualifier	M	AN 2/2
			Code from an inducharacteristics	stry code list qualifying the type of serv	ice	
			C3	Prior Level Telephone Number		
			C4	Prior Level Non-Standard Telephone N	lumb	nber
			C5	File After Telephone Number	Number	
			C6	File After Non-Standard Telephone Nu		
			DG	Degree of Indent		
			DU	Directory Caption Header Status		
M	SI03	234	Product/Service	ID	M	AN 1/48
			Identifying number	for a product or service		

LVL(DL-73) = Level of Indent PLS(DL-74) = Prior Level Status

FATN(DL-79) = File After Telephone Number PLTN(DL-76) = Prior Level Telephone Number

PLNSTN(DL-76a) = Prior Level Non-Standard Telephone Number FANSTN(DL-79a) = File After Non-Standard Telephone Number

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.

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 N906 reflects the time zone which the time reflects.

2 N907 contains data relating to the value cited in N902.

Comments:

Notes: N9*82*FAINFO

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

"FAINFO"

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**FAINFO(DL-78)

Data Element Summary

Ref. Data

Des. Element Name

Attributes

MTX02 1551 Message Text X AN 1/4096

To transmit large volumes of message text

FAINFO(DL-78) = File After Information

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*82*PLINFO

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

"PLINFO"

MTX Text Segment:

Position: 5250

> N9 Loop: 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: 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**PLINFO(DL-75) 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

PLINFO(DL-75) = Prior Level Information

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 POC Segments

Data Element Summary

Ref. Data

Des. Element Name

<u>Attributes</u>

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 Element Summary

	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Name					
M	SE01	96	Number of Included Segments	M	N0 1/10			
			Total number of segments included in a transaction set in and SE segments	ıcludi	ing ST			
M	SE02	329	Transaction Set Control Number	M	AN 4/9			
			Identifying control number that must be unique within the functional group assigned by the originator for a transacti					