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15. POTS Resale Order Submittal

15.1 Business Description

For every order, an LSR form will be submitted to Qwest. The LSR record contains basic header information about a customer order. A single LSR record can be submitted by itself for activities/requests, such as a complete disconnect of a customer.

Along with the LSR, an EU, End User Information, form is generally submitted. The EU record contains basic customer information such as the customer's location, billing information and telephone number. The LSR and EU forms must be received for all requests.

The Resale form contains service and physical information such as the features a customer is requesting, the number of lines requested, line change information, feature changes, etc. The LSR and EU forms must be submitted to perform any service work. Depending on the order activity, a Resale form may be required, optional, or prohibited.

LSR Assumptions:

- Any Supplemental orders will be a complete refresh.
- Qwest has agreed to derive the Qwest Line Class Codes, LCC, from the LSR sent by the CLEC. If the CLEC wants customized routing to their OS/DA platform, then the CLEC must provide the specific CLEC LCC.
- For multi-line residential accounts, the CLEC will send Qwest all converting lines in a single LSR. Alternatively, the CLEC may send a single line per LSR and relate the LSR's with an agreed upon method and Qwest will combine the LSR's into a single internal order.
- In certain situations, it may be necessary for Qwest to break an LSR into multiple internal service orders, e.g. greater than 30 lines per LSR, migrations as specified where only the 'in activity' is specified. When this occurs, Qwest will provide a single FOC and completion to the CLEC.

Supplemental Orders will be submitted when an order for that customer has been received by Qwest and something on the order changes. For example, Supplemental Orders will be submitted when there is an order cancellation, a due date change, or other circumstances arise. Qwest and the CLEC agree that a Supplemental Order will be a complete refresh of the original order.

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

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

The following Order Activity Matrices define the available Order and/or Line Activities for POTS Resale Business Rules for Combining Order, Line, and/or Listing Activity for POTS Resale

Req Type	ACT	Definition	Application	LNA	Forms required
EB	N	New Installation	New service at premises.	N	LSR, EU, RS, DL
	D	Disconnect	Disconnect all services at the account level with transfer of calls	D	LSR, EU, RS
			Disconnect all services at the account level with no transfer of calls	Not Applicable	LSR, EU
	W	Conversion As Is	Change LSP with no change to product or service or Directory Listing	Not Applicable	LSR, EU
	V*	Conversion As Specified	Change LSP with changes to Resale POTS service or Directory Listing	W, N, V, D, X	LSR, EU, RS, DL (if changing listings)
			Change of a product to Resale POTS (with or without change to LSP)	W, N, V, D, X	LSR, EU, RS, DL (if changing listings) If converting from UNE service and porting number, an additional LSR, EU, and LNP are required
	Z*	Conversion As Specified, No Directory Listing	Change LSP with change to Resale POTS service and no change to Directory Listing	W, N, V, D, X	LSR, EU, RS
			Change of a product to Resale POTS with no change to Directory Listing (with or without change to LSP)		LSR, EU, RS
					If converting from UNE service and porting number, an additional LSR, EU, and LNP are required

Order Activity Definition

Req Type	ACT	Definition	Application	LNA	Forms required
	С	Change	Change to existing service, add/remove features, change type of service, (e.g., Business to Residence, Flat to Measured, etc.), add/remove line(s) to existing service/account, PIC/LPIC change,	C, P, X, N, D	LSR, EU, RS, DL (if changing listings)
			change/add/remove Directory Listing, change billing information, change telephone number		
	Т	Outside Move	Outside move of end user location, may include changes (as indicated for "N" activity) to the Resale POTS service	N,D	LSR, EU, RS, DL
	L	Seasonal Suspend	Seasonal Suspend of an end user service who has elected temporary interruption of service	L	LSR, EU, RS
	Y	Deny	Denial of an end user service	Not Applicable	LSR, EU
	В	Restore	Restoral of an end user service that was previously denied or seasonal suspend	L (for seasonal restore). Not Applicable for Deny Restore	LSR, EU, RS
	R	Record Activity	Not Allowed	Not Applicable	
	М	Inside Move	Not Allowed		

*The following products may be converted to Resale POTS:

- Any dial tone based Resale Service
- Any dial tone based UNE-P-STAR Service
- Any Unbundled Loop (must be submitted as New, indicate Manual handle and in Remarks include the phrase "reuse facilities")

Line Activities

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

LISTING ACTIVITIES

Definition	Application
New Listing	The DL form must specify all details about a
	new listing.
Delete	The DL form must indicate the ALI code and
existing	the listing name and text information must be
listing	included to ensure the correct listing is
	deleted. A main listing cannot be deleted.
-	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
uala)	example, if a person is changing their name,
	this would be a change of the listing. Otherwise, a delete and new must be used.
	Must have both an 'I' and an 'O' activity in
	order to specify a listing change. The 'O'
	activity should come before the 'I' activity. An
	associated DL form for the same listing with
	the listing activity of 'O' is required.
Change	Change activity is only valid if the person or
existing	business and book are staying the same, and
– ,	just the details of the listing are changing.
data)	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
No chango to	the listing activity of 'l' is required. 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
lioting	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.
	New Listing Delete existing listing Change existing listing (new data) Change

15.2 Business Model

See Appendix H

15.3 Developer Worksheets

See Appendices B and C- Developer Worksheets - Order

ORDERING FUNCTION	PRODUCT ID
POTS Service Request	850POTS
POTS Service Request Supplemental	860POTS
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

15.4 Trading Partner Access Information

Order Submittal

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.
- <u>Order Completion</u> 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.

15.4.1 OVERVIEW: Qwest Specific Functional Group Envelope - Routing Information

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

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

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

15.4.2 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'
ISA07	'ZZ' (Mutually Defined)	Co-Provider TP qualifier
ISA08	'QWESTO'	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)

15.4.3 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	850POTS	PO	Co-Provider TP ID	POTS90
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

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)

ORDERING FUNCTION	Qwest SEND/ RECEIVE	DOCUMENT	GS01 VALUE	GS02 VALUE	GS03 VALUE
Supplemental	Receive	860POTS	PC	Co-Provider TP ID	POTS90
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

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

15.4.4 MAPPING EXAMPLE AND DATA DICTIONARY ITEMS:

Purchase Order (PO) Date

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

Time Code

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

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

4020 Exceptions

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

SLN loop maximum use has been changed to >1

Delimiters

The following delimiters will be used:

- Element Separator: HEX 7C = | (vertical bar or pipe)
- Sub-Element Separator: HEX 1F = (non-printable characters of "0x1f")
- Segment Separator: HEX 0A = linefeed

Qwest Specific Fields

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

Industry Standards Table:

OBF FORM	OBF ISSUE	EDI SOSC ISSUE	X12 STANDARD
Local Service Request	LSOG 5	ELMS 5	004020
End User	LSOG 5 and LSOG 3 (When Applicable)	ELMS 5	004020
Resale	LSOG 5	ELMS 5	004020
Directory Listing	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

15.5 Mapping Examples

15.5.1 850 POTS (850POTS) - Version 4020

Legend of Symbols in this transaction example

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

ST*850*TRAN SET CONTROL #

```
BEG*00*SS*PON<sup>LSR-2</sup>**PO Date(See Trading Partner Access Information )
REF*11*AN<sup>LSR-7</sup>*AN
REF*11*EAN<sup>EU-40</sup>*EAN
REF*11*NAN
REF*AO*APT CONLSR-15a
REF*JB*PROJECTLSR-20
REF*SU*RTRLSR-28*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<sup>LSR-10</sup>(1<sup>st</sup> 2 Bytes)*EA
PAM*47*PG_of<sup>LSR-10</sup>(2<sup>nd</sup> 2 Bytes)*EA
PAM*KC*DQTY<sup>EU-5</sup>*EA
PAM*QO*RSQTY<sup>RE-5</sup>*EA
PAM*BH*DDQTY<sup>DL-23</sup>*EA
PAM*QU*HTQTY<sup>LSR-6</sup>*EA
                                                                  [If this segment appears then EXP^{LSR-26} = "Y"]
SAC*N**TI*EXP
SAC*N**TI*VT***********
DTM*097*D/TSENT{CCYYMMDD}<sup>LSR-12</sup>*D/TSENT{HHMM}<sup>LSR-12</sup>
DTM*150*DDD{CCYYMMDD}<sup>LSR-14</sup>***TM/RTM*APPTIME{HHMM[-HHMM]}<sup>LSR-15</sup>
DTM*151*DDDO{CCYYMMDD}<sup>LSR-16</sup>
DTM*992****TM*DFDT{HHMM}
DTM*270* DATED (CCYYMMDD)
```

SI*TI*RE***REQTYP**LSR-23 SI*TI*AA*<u>ACT</u>^{LSR-24} SI*TI*LS**LSO*^{LSR-43} SI*TI*TY***TOS**LSR-44 SI*TI*IW*IWOEU-36 PID*S**TI*CONVIND***SO-RSQ*CONVINDLSR-24a PID*S**TI*AO***SO-RSQ*AGAUTH PID*S**TI*BI***SO-RSQ*FBIEU-42 PID*S**TI*PENDING ***SO-RSQ*PENDING ORDER N9*H7*ORI* RESALE****2W>MANUAL IND^{RE-60b} MTX****REMARKS**^{RE-60a} N9*H7*ORI**LSR*****2W>**MANUAL IND**^{LSR-108a} MTX****REMARKS**^{LSR-108} N9*H7*ORI* EU****2W>MANUAL INDEU-63a MTX****REMARKS**EU-63 N1*78***CCNA**LSR-1 PER*AG**INIT^{LSR-81}*TE*TEL NO^{LSR-82}*FX*FAX NO^{LSR-84}*EM*<i>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} N1*AN*AUTHNMLSR-37 N1*X1*BILLNM^{EU-43} N2*SBILLNM^{EU-44} N4**STATE^{EU-49}*ZIP^{EU-50} NX2*01***SANO**^{EU-45b} NX2*02***SASN**EU-45e NX2*03***SASD**EU-45d NX2*07**CITY*EU-48 NX2*32*FLOOREU-46 NX2*35*ROOM/MAIL STOPEU-47 NX2*40***SASS**EU-45g NX2*59***SAPR**^{EU-45a} NX2*61***SASF**EU-45c NX2*62***SATH**EU-45f SI*TI*AF***AFT**^{EU-44a}

End User Form (Location and Access Section)

[PO1 Loop may repeat]

SI*TI*OP* WSOP EU-31*TN* WSOP TEL NOEU-31a PID*S**TI*ANV***SO-RSQ*ANVEU-8a REF*IX* LOCNUM N9*L1*ACC**EU* MTX****ACC**^{EU-30} N1*IT***NAME**EU-8 N4**STATE^{EU-25}*ZIP^{EU-26}**RJ*CALA^{EU-26a} NX2*01***SANO**^{EU-11} NX2*02***SASN**EU-14 NX2*03***SASD**EU-13 NX2*05***BOX**EU-23c NX2*06*ROUTE 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

PO1*n*1*EA***ZZ*EU SA

 $\begin{array}{l} \mathsf{NX2*62*}{\textbf{SATH}}^{\mathsf{EU-15}} \\ \mathsf{NX2*} \underline{LD1}^{\mathsf{EU-17*}} {\textbf{LV1}}^{\mathsf{EU-18}} \\ \mathsf{NX2*} \underline{LD2}^{\mathsf{EU-19*}} {\textbf{LV2}}^{\mathsf{EU-20}} \\ \mathsf{NX2*} \underline{LD3}^{\mathsf{EU-21*}} {\textbf{LV3}}^{\mathsf{EU-22}} \\ \mathsf{PER*CA*} {\textbf{LCON}}^{\mathsf{EU-27*}} \mathsf{TE*} {\textbf{TEL NO}}^{\mathsf{EU-28}} \\ \mathsf{SI*TI*AF*} {\textbf{AFT}}^{\mathsf{EU-9}} \end{array}$

End User Form (Disconnect Information Section)

PO1*n*1*EA***ZZ* EU_DISC 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-58} N1*TT***TC NAME**^{EU-58b} REF*55***TCID**^{EU-58b} REF*55***TCID**^{EU-58b} SI*TI*TC***TC TO SEC**^{EU-59} N1*TT***TC NAME**^{EU-61} REF*55***TCID**^{EU-60}* SEC

[SLN Loop may repeat]

[PO1 Loop may repeat]

Resale Form (Service Details Section)

PO1*n*1*EA***ZZ* *RE* SI*TI*NQ**NPI*^{RE-11} [PO1 Loop repeats **RSQTY**^{RE-5} times] SI*TI*SA*<u>LNA</u>RE-12 SI*TI*TN*TNSRE-15 SI*TI*OT* OTNRE-19 SI*TI*T6***TC OPT**RE-35 SI*TI*SY***SSIG**RE-51 SI*TI*PE**PULSE*^{RE-52} SI*TI*TQ***TLI**RE-18a SI*TI*T5* TERSRE-18 SI*TI*LZ* **LSCP**RE-53 PID*S**TI*AG***SO-RSQ***NIDR**^{RE-47} REF*IX***LNUM**^{RE-9}**LNUM* REF*GP***TSP**^{RE-25} REF*AE***SAN**RE-26 DTM*376***TC PER**{CCYYMMDD}^{RE-40} N1*P9**41***PIC**^{RE-30} N1*8V**41**LPIC*RE-31 SLN*TCPRI*n*A*1*EA SI*TI*TC*TC TO PRI N1*TT* TC NAMERE-38b REF*55* TCIDRE-38a* PRI SLN*TCSEC*n*A*1*EA [SLN Loop may repeat] SI*TI*TC*TC TO SECRE-39 N1*TT* TC NAMERE -42 REF*55*TCIDRE-41*SEC SLN*/W*n*A*/WJQ^{RE-49}*EA****EQ*/WJK^{RE-48} [SLN Loop may repeat per Inside Wiring Pair] SLN**BL**n*A*1*EA SI*TI*BB***BA**^{RE-54}*TB***BLOCK**^{RE-55} SLN*FA*n*A*1*EA [SLN Loop may repeat per FA/FEATURE pair]

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SI*TI*SA* <u>FA</u> ^{RE-58*} SC* <i>FEATURE</i> ^{RE-59} SI*TI*FD* <i>FEATURE DETAIL</i> ^{RE-60}	[SI Segment may repeat]
Regular Hunting	
PO1*n*1*EA***ZZ* <i>HG</i> SI*TI*SA* <u>HA^{LSR-112}</u> SI*TI*SG* <i>HID^{LSR-113}</i> SI*TI*SF* <u>HNTYP^{LSR-116}</u> REF*IX* <i>HNUM^{LSR-110}*HNUM</i> REF*IX* <i>LOCNUM^{LSR-109}*LOCNUM</i> SLN* <i>HNT</i> *n*A*1*EA	[If this segment appears, <u>HNTYP</u> ^{LSR-116} = 5]

Multi-Line Hunting

N9*55**HTSEQ* MTX****HTSEQ**^{LSR-118}

[If this segment appears, $\underline{HNTYP}^{LSR-116} = 4$]

 $\begin{array}{l} \mathsf{PO1}^*\mathsf{n}^{*1}\mathsf{E}\mathsf{A}^{***}\mathsf{ZZ}^*\mathit{ML}\\ \mathsf{SI}^*\mathsf{TI}^*\mathsf{SA}^*\underline{\mathit{HA}}^{\mathsf{LSR-112}}\\ \mathsf{SI}^*\mathsf{TI}^*\mathsf{SG}^*\mathit{HID}^{\mathsf{LSR-113}}\\ \mathsf{SI}^*\mathsf{TI}^*\mathsf{SF}^*\underline{\mathit{HNTYP}}^{\mathsf{LSR-116}}\\ \mathsf{SI}^*\mathsf{TI}^*\mathsf{TQ}^*\mathit{TL}^{\mathsf{SR-115}}\\ \mathsf{REF}^*\mathsf{IX}^*\mathit{HNUM}^{\mathsf{LSR-110}} \\ \mathsf{REF}^*\mathsf{IX}^*\mathit{HNUM}^{\mathsf{LSR-109}} \\ \mathsf{LOCNUM}^{\mathsf{LSR-109}} \\ \mathsf{LOCNUM}^{\mathsf{LSR-109}} \\ \mathsf{SLN}^*\mathit{MHNT}^*\mathsf{n}^*\mathsf{A}^*\mathsf{1}^*\mathsf{EA}\\ \mathsf{N9}^*\mathsf{55}^*\mathit{HTSEQ}\\ \mathsf{MTX}^{**}\mathit{HTSEQ}^{\mathsf{LSR-118}} \end{array}$

DL Form (Delivery Address/Information Section)

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

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

DL Form (Service Details Section)

 $\begin{array}{l} {\sf PO1*n*1*EA***ZZ*} \textit{DL*SH*}\textit{RTY}^{{\sf DL-12}} \\ {\sf SI*TI*LB*}\textit{LACT}^{{\sf DL-10}} \\ {\sf SI*TI*LE*}\textit{LTY}^{{\sf DL-13}} \\ {\sf SI*TI*TW*}\textit{STYC}^{{\sf DL-15}} \\ {\sf SI*TI*BR*}\textit{TOA}^{{\sf DL-16}} \\ {\sf SI*TI*DG*}\textit{DO1}^{{\sf PL-17}} \end{array}$

[PO1 Loop may repeat]

SI*TI*DN*DIRNAMEDL-34 SI*TI*BO*BRODL-28 PID*S**TI*AR***SO-RSQ*<u>OMTN</u>DL-41 PID*S**TI*AS***SO-RSQ* PID*S**TI*AW***SO-RSQ*<u>DML</u>DL-25 PID*S**TI*AX***SO-RSQ***NOSL**____ PID*S**TI*AY***SO-RSQ***TMKT**^{DL-27} PID*S**TI*BA***SO-RSQ***PROF**^{DL-32} REF*LI***ALI**^{DL-11} N9*82*PLA MTX****PLA**DL-55 N9*82**LTXTY****LTXTY**^{DL-57} MTX****LTEXT**^{DL-59} N9*H7*ORI* DL MTX****REMARKS**DL-113 N1*DH*LISTINGS IN2*01**TITLE1*^{DL-49}**TITLE1* IN2*01*TITLE1D^{DL-52}*TITLE1D IN2*02**LNFN*^{DL-46}**LNFN*^{DL-46} IN2*05**LNLN*^{DL-45} IN2*10**TL*^{DL-48}**TL* IN2*10**TLD*^{DL-51}**TLD* IN2*12***DESD**^{DL-50a}*DESD IN2*18**NICK*^{DL-54} IN2*21***DES**^{DL-47} N4****LAST**^{DL-71} NX2*01**LANO*DL-63 NX2*02**LASN*^{DL-66} NX2*03**LASD*^{DL-65} NX2*07**LALOC*^{DL-70} NX2*18**LALO*^{DL-69} NX2*40**LASS*^{DL-68} NX2*59**LAPR*^{DL-62} NX2*61**LASF*^{DL-64} NX2*62**LATH*^{DL-67} SI*TI*TN* LTN DL-39 SI*TI*NS***NSTN**DL-40

Important Note: If none of the above PO1 loops is applicable a "Dummy" PO1 loop is used in this format: PO1**DUMMY**1*EA***ZZ**DD*

CTT*Number of PO1 Segments SE*Number of Segments*TRAN SET CONTROL# 15.5.2 860 POTS Supplemental Service Request (860POTS) - Version 4020

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

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

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

15.6 Data Dictionary

15.6.1 850 POTS Service Request (850POTS)



Introduction:

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

This implementation guideline references the following:

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

Notes:

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

Heading:

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

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

Detail:

	Pos. <u>No.</u>	Seg. <u>ID</u>	Name	Req. <u>Des.</u>	<u>Max.Use</u>	Loop Notes and <u>RepeatComments</u>
			LOOP ID - PO1			100000
Μ	0100	PO1	Baseline Item Data - End User Form	М	1	n1
	0180	SI	(Location and Access Section) Service Characteristic Identification	0	>1	
			LOOP ID - PID			1000
	0500	PID	Product/Item Description	0	1	
	1000	REF	Reference Identification	0	>1	
			LOOP ID - N9			1000
	3300	N9	Reference Identification	0	1	
	3400	MTX	Text	0	>1	
			LOOP ID - N1			200
	3500	N1	Name	0	1	
	3800	N4	Geographic Location	0	1	
	3850	NX2	Location ID Component	0	>1	
	4000	PER	Administrative Communications Contact	0	3	
	4050	SI	Service Characteristic Identification	0	>1	
			LOOP ID - PO1			100000
Μ	0100	PO1	Baseline Item Data - End User Form (Disconnect Information Section)	М	1	n2
	0180	SI	Service Characteristic Identification	0	>1	
	1000	REF	Reference Identification	0	>1	
	2100	DTM	Date/Time Reference	0	10	
			LOOP ID - SLN			>1
	4700	SLN	Subline Item Detail	0	1	
	4800	SI	Service Characteristic Identification	0	>1	
			LOOP ID - N1			10
	5350	N1	Name	0	1	
	5800	REF	Reference Identification	0	12	
			LOOP ID - SLN			>1
	4700	SLN	Subline Item Detail	0	1	
	4800	SI	Service Characteristic Identification	0	>1	

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		LOOP ID - N1			10	
5350	N1	Name	0	1		
5800	REF	Reference Identification	0	12		
		LOOP ID - PO1			100000	
0100	PO1	Baseline Item Data - Resale Form (Service	М	1		n3
0180	SI	Details Section) Service Characteristic Identification	0	>1		
		LOOP ID - PID	-		1000	
0500	PID	Product/Item Description	0	1		
1000	REF	Reference Identification	0	>1		
2100	DTM	Date/Time Reference	0	10		
		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	1		
4800	SI	Service Characteristic Identification	0	>1		
		LOOP ID - N1			10	
5350	N1	Name	0	1		
5800	REF	Reference Identification	0	12		
		LOOP ID - SLN			>1	
4700	SLN	Subline Item Detail	0	1		
4800	SI	Service Characteristic Identification	0	>1		
		LOOP ID - N1			10	
5350	N1	Name	0	1		
5800	REF	Reference Identification	0	12		
		LOOP ID - SLN			>1	
4700	SLN	Subline Item Detail	0	1		
		LOOP ID - SLN			>1	
4700	SLN	Subline Item Detail	0	1		
4800	SI	Service Characteristic Identification	0	>1		
		LOOP ID - SLN			>1	
4700	SLN	Subline Item Detail	0	1		
4800	SI	Service Characteristic Identification	0	>1		
		LOOP ID - PO1			100000	
0100	PO1	Baseline Item Data - Regular Hunting	М	1		n4
0180	SI	Service Characteristic Identification	0	>1		
1000	REF	Reference Identification	0	>1		
		LOOP ID - SLN			>1	
4700	SLN	Subline Item Detail	0	1		
		LOOP ID - N9			>1	
5230	N9	Reference Identification	0	1		
5250	MTX	Text	0	>1		

			LOOP ID - PO1			100000	
М	0100	PO1	Baseline Item Data - Multi-Line Hunting	М	1		n5
	0180	SI	Service Characteristic Identification	0	>1		
	1000	REF	Reference Identification	0	>1		
			LOOP ID - SLN			>1	
	4700	SLN	Subline Item Detail	0	1		
		01.1	LOOP ID - N9		•	>1	
	5230	N9	Reference Identification	0	1		
	5250	MTX	Text	0	>1		
	0200		LOOP ID - PO1		~ 1	100000	
М	0100	PO1	Baseline Item Data - DL Form (Delivery	Μ	1	100000	n6
IVI	0180	SI	Address/Information Section) Service Characteristic Identification	0	>1		110
			LOOP ID - QTY			>1	
	2930	QTY	Quantity	0	1		
	_,,,,			-			
		~ <i>_ i</i>	LOOP ID - QTY			>1	
	2930	QTY	Quantity	0	1		
			LOOP ID - N1			200	
	3500	N1	Name	0	1		
	3800	N4	Geographic Location	0	1		
	3850	NX2	Location ID Component	0	>1		
			LOOP ID - PO1			100000	
Μ	0100	PO1	Baseline Item Data - DL Form (Service	М	1		n7
	0180	SI	Details Section) Service Characteristic Identification	0	>1		
			LOOP ID - PID			1000	
	0500	PID	Product/Item Description	0	1		
	1000	REF	Reference Identification	0	>1		
			LOOP ID - N9			1000	
	3300	N9	Reference Identification	0	1		
	3400	MTX	Text	0	>1		
			LOOP ID - N9			1000	
	3300	N9	Reference Identification	0	1	1000	
	3400	MTX	Text	0	>1		
	0.00		LOOP ID - N9	<u> </u>		1000	
	3300	N9	Reference Identification	0	1	1000	
	3400	MTX	Text	0	>1		
	0-00	WIT A	LOOP ID - N1	<u> </u>	~1	200	
	3500	N1	Name	0	1	200	
	3650	IN2	Individual Name Structure Components	0	>1		
	3800	N4	Geographic Location	0	1		
	3850	NX2	Location ID Component	0	>1		
	4050	SI	Service Characteristic Identification	0	>1		
	-000	0.					
	0100		LOOP ID - PO1			100000	
М	0100	PO1	Baseline Item Data - Dummy (DD)	М	1		n8

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Summary:

	Pos. <u>No.</u>	Seg. <u>ID</u>	Name	Req. <u>Des</u> .	<u>Max.Use</u>	Loop Notes and <u>RepeatComments</u>
			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 1	Fransaction Set Header		
	Position: Loop:	0100			
	Level:	Heading			
	Usage:	Mandato	ry		
	Max Use:	1			
Sy	Purpose: ntax Notes:	To indica	ate the start of a transaction set and to assign a control nur	nbe	r
Sem	antic Notes:		transaction set identifier (ST01) is used by the translation		
			nes of the interchange partners to select the appropriate saction set definition (e.g., 810 selects the Invoice Transact	ion	
		,	implementation convention reference (ST03) is used by the		
			slation routines of the interchange partners to select the		
			opriate implementation convention to match the transaction	ו se	t
	•	defir	iition.		
	Comments: Notes:	ST*850*	TRAN SET CONTROL #		
			Data Element Summary		
	Ref.	Data	M		
	<u>Des.</u> Attributos	<u>Element</u>	<u>Name</u>		
м	<u>Attributes</u> ST01	143	Transaction Set Identifier Code	м	ID 3/3
		-	Code uniquely identifying a Transaction Set		
			850 Purchase Order		
м	ST02	329		м	AN 4/9
			Identifying control number that must be unique within the functional group assigned by the originator for a transaction	tran	saction set

	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	0200 Heading Mandato 1 To indica transmit 1 BEG	Beginning Segment for Purchase Order Ty te the beginning of the Purchase Order Transaction Set a identifying numbers and dates 05 is the date assigned by the purchaser to purchase ord SS*PON (LSR-2)**PO Date (See Trading Partner Access	er.	mation)
	Ref. <u>Des.</u>	Data <u>Element</u>	Data Element Summary <u>Name</u>		
М	<u>Attributes</u> BEG01	353	Transaction Set Purpose Code	М	ID 2/2
М	BEG02	92	Code identifying purpose of transaction set 00 Original Purchase Order Type Code Code specifying the type of Purchase Order SS Supply or Service Order	М	ID 2/2
М	BEG03	324	Purchase Order Number Identifying number for Purchase Order assigned by the orderer/purchaser PON (LSR-2) = Purchase Order Number	Μ	AN 1/22
М	BEG05	373	Date Date expressed as CCYYMMDD PO Date = Purchase Order Date (See Trading Partner A Information)	M cces	DT 8/8

Segment:	REF Reference Identification
Position:	0500
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To specify identifying information
Syntax Notes:	 At least one of REF02 or REF03 is required.
	2 If either C04003 or C04004 is present, then the other is required.
	3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	 REF04 contains data relating to the value cited in REF02.
Comments:	
Notes:	REF*11*AN (LSR-7)*AN
	REF*11*EAN (EU-40)*EAN
	REF*11*NAN (LSR-7a)*NAN
	REF*AO*APT CON (LSR-15a)
	REF*JB*PROJECT (LSR-20)
	REF*SU*RTR (LSR-28)*RTR
	REF*CO*RPON (LSR-51)*RPON
	REF*1V*RORD (LSR-52)*RORD
	REF*12*BAN1 (LSR-61) [*] BAN1

Data Element Summary

	Ref.	Data				
	Des.	Element	<u>Name</u>			
	<u>Attributes</u>					
М	REF01	128		fication Qualifier	М	ID 2/3
			Code qualifying the	e Reference Identification		
			11	Account Number		
				Number identifies a telecommunication account	ons ir	ndustry
			12	Billing Account		
				Account number under which billing is	s ren	dered
			1V	Related Vendor Order Number		
				A vendor's order number that is in add primary order number	lition	to a
			AO	Appointment Number		
			CO	Customer Order Number		
			JB	Job (Project) Number		
			SU	Special Processing Code		
				Unique code identifying the special ha	andlir	ng
				requirements for the claim		
	REF02	127	Reference Identi	fication	Х	AN 1/30
				tion as defined for a particular Transact	ion S	Set or as
				eference Identification Qualifier		
			AN (LSR-7) = Acc			
				kisting Account Number Iew Account Number		
				5a) = Appointment Confirmation		
				0) = Project Identification		
			```	esponse Type Requested		
				Related Purchase Order Number		
			RORD (LSR-52) =	Related Order Number		
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		BAN1 (LSR-61) = Billing Account Number 1		
REF03	352	Description	Х	AN 1/80
		A free-form description to clarify the related data elements content "AN" "EAN" "NAN" "RTR" "RPON"	s and	their
		"RORD" "BAN1"		

### 

Segment:	PAN	Period Amo	punt				
Position:	0950						
Loop:							
Level:	Heading						
Usage:	Optional						
Max Use:		10					
Purpose:			nd/or amount for an identified period				
Syntax Notes:			M02 or PAM03 is present, then all are required. 102 PAM05 or PAM14 is required.				
			PAM05 of PAM14 is required.				
			PAM07 is present, then the other is required.				
			t, then at least one of PAM08 or PAM09 is				
	requ	•					
	•		, then PAM06 is required.				
			, then PAM07 is required.				
			, then PAM07 is required.				
		•	, then at least one of PAM11 or PAM12 is				
	requ						
			, then PAM10 is required.				
			PAM14 is present, then the other is required.				
Semantic Notes:			PAM12 are used when two dates are required.				
			nether the monetary amount identified in PAM05 lue. A "Y" indicates amount is a gross value; an				
			nt is a net value.				
Comments:		nuicates arriour	it is a flet value.				
Notes:	PAM*T5	*LOCQTY(LSR-	5)*EA				
			0)(1st 2 Bytes)*EA				
			0)(2nd 2 Bytes)*EA				
		*DQTY(EU-5)*E					
		)*RSQTY(RE-5)					
		PAM*BH*DDQTY(DL-23)*EA					
	PAM*QU*HTQTY(LSR-6)*EA						
	Data Element Summary						
Ref.	Data						
Des.	<u>Element</u>	<u>Name</u>					
<u>Attributes</u>							
PAM01	673	Quantity Qua	lifier X ID 2/2				
	Code specifying the type of 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 mode				

have been made

**Operating Quantity** 

Total Number of Units

**Quantity Serviced** 

QO

QU

T5

Quantity

Numeric value of quantity

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

380

PAM02

X R 1/15

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

Segment:	SAC	Service, Promotion, Allowance, or Charge Information			
Position:	1200				
Loop:					
Level:	Heading				
Usage:	Optional				
Max Use:	1				
Purpose:		est or identify a service, promotion, allowance, or charge; to			
		he amount or percentage for the service, promotion, allowance,			
Syntax Notes:	or charg 1 At le	e east one of SAC02 or SAC03 is required.			
Syntax Notes.		ther SAC03 or SAC04 is present, then the other is required.			
		ther SAC06 or SAC07 is present, then the other is required.			
		ther SAC09 or SAC10 is present, then the other is required.			
		AC11 is present, then SAC10 is required.			
		AC13 is present, then at least one of SAC02 or SAC04 is			
	requ	iired.			
		AC14 is present, then SAC13 is required.			
		AC16 is present, then SAC15 is required.			
Semantic Notes:		AC01 is "A" or "C", then at least one of SAC05, SAC07, or			
		208 is required.			
	2 SAC char	C05 is the total amount for the service, promotion, allowance, or			
		AC05 is present with SAC07 or SAC08, then SAC05 takes			
		edence.			
	•	CO8 is the allowance or charge rate per unit.			
		C10 and SAC11 is the quantity basis when the allowance or			
	char	ge quantity is different from the purchase order or invoice			
	•	ntity.			
		10 and SAC11 used together indicate a quantity range, which			
		d be a dollar amount, that is applicable to service, promotion,			
		vance, or charge.			
		C13 is used in conjunction with SAC02 or SAC04 to provide a cific reference number as identified by the code used.			
		C14 is used in conjunction with SAC13 to identify an option when			
		e is more than one option of the promotion.			
		C16 is used to identify the language being used in SAC15.			
Comments:		CO4 may be used to uniquely identify the service, promotion,			
	allov	wance, or charge. In addition, it may be used in conjunction with			
		C03 to further define SAC02.			
		ome business applications, it is necessary to advise the trading			
		ner of the actual dollar amount that a particular allowance,			
		rge, or promotion was based on to reduce ambiguity. This			
		ount is commonly referred to as "Dollar Basis Amount". It is esented in the SAC segment in SAC10 using the qualifier "DO" -			
		ars in SAC09.			
Notes:		*TI*EXP [If this segment appears then EXP(LSR-26) = "Y"]			
		*TI*VT********VTA(LSR-80)			
	_	Data Element Summary			
Ref.	Data	News			
<u>Des.</u> <u>Attributes</u>	<u>Element</u>				
A SAC01	248	Allowance or Charge Indicator M ID 1/1			
	2.10	Code which indicates an allowance or charge for the service specified			
		code which indicates an allowance of onarge for the service specified			

		Ν	No Allowance or Charge		
SAC03	559	Agency Qualifier Code Code identifying the agency assigning the code values			ID 2/2
		TI	Telecommunications Industry		
SAC04	1301		e, Promotion, Allowance, or Charge	Х	AN 1/10
		Code			
	Agency maintained code identifying the service, promotior				llowance,
		or charge			
		EXP	Expedited Service Charge		
		VT	Variable Term Contract Pricing Plan		
SAC15	352	Description		Х	AN 1/80
		A free-form description to clarify the related data elements and their content			
		VTA (LSR-80) = 7	Variable Term Agreement		

Segment:

# **DTM** Date/Time Reference

Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes:

1500
Heading
Optional
10
To specify pertinent dates and times
1 At least one of DTM02 DTM03 or DTM05 is required.
2 If DTM04 is present, then DTM03 is required.
3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes: Comments: Notes:

DTM*097*D/TSENT{CCYYMMDD}(LSR-12)*D/TSENT{HHMM}(LSR-12) DTM*150*DDD{CCYYMMDD}(LSR-14)***TM/RTM*APPTIME {HHMM[-HHMM]}(LSR-15)

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

#### **Data Element Summary**

		Data Element a	summary		
Ref.	Data				
Des.	<u>Element</u>	<u>Name</u>			
<u>Attributes</u>					
DTM01	374	Date/Time Qualifier		Μ	ID 3/3
		Code specifying typ	be of date or time, or both date and tim	e	
		097	Transaction Creation		
		150	Service Period Start		
		151	Service Period End		
		270	Date Filed		
		992	Date Requested		
DTM02	373	Date		Х	DT 8/8
		Date expressed as	CCYYMMDD		
		D/TSENT (LSR-12)			
		DDD (LSR-14) = Desired Due Date			
		· · · · ·	Desired Due Date Out		
		DATED (LSR-36) = Date of Agency Authorization			
DTM03	337	Time		Х	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;			
			re expressed as follows: D = tenths (0	-9) ai	nd DD =
		hundredths (00-99)	LSR-12) = Time Sent		
		• • • •	,		18
DTM05	1250		l Format Qualifier	Х	ID 2/3
		Code indicating the date format, time format, or date and time format			
		RTM	Range of Time Expressed in Format H	HMN	M-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	HHM	IM is the

		TM	starting time and the second is the endin Time Expressed in Format HHMM	g time and the second is the ending time Expressed in Format HHMM			
			Time expressed in the format HHMM when the numerical expression of hours in the on a twenty-four hour clock and MM is th expression of minutes within an hour	day based			
DTM06	1251	Date Time Perio	d X	AN 1/35			
Expression of a date, a time, or range of dates, times or dates an times							
		•	[-HHMM]}(LSR-15) = Appointment Time R-19) = Desired Frame Due Time				

Segment:	S Service Characteristic Identification
Position:	1850
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	<ol> <li>If either SI04 or SI05 is present, then the other is required.</li> <li>If either SI06 or SI07 is present, then the other is required.</li> <li>If either SI08 or SI09 is present, then the other is required.</li> <li>If either SI10 or SI11 is present, then the other is required.</li> <li>If either SI12 or SI13 is present, then the other is required.</li> <li>If either SI14 or SI15 is present, then the other is required.</li> <li>If either SI16 or SI17 is present, then the other is required.</li> <li>If either SI16 or SI17 is present, then the other is required.</li> <li>If either SI18 or SI19 is present, then the other is required.</li> <li>If either SI20 or SI21 is present, then the other is required.</li> </ol>
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*LS*LSO (LSR-43) SI*TI*TY*TOS (LSR-44) SI*TI*IW*IWO (EU-36)

	Ref.	Data				
	Des.	Element	<u>Name</u>			
	<u>Attributes</u>					
М	SI01	559	Agency Qualifie	r Code	М	ID 2/2
			Code identifying t	he agency assigning the code values		
			ТІ	Telecommunications Industry		
Μ	SI02	1000	Service Charact	eristics Qualifier	М	AN 2/2
			Code from an ind characteristics	ustry code list qualifying the type of servi	ce	
			AA	Account Activity		
			IW	Inside Wire Options		
			LS	Local Serving Office		
			RE	Requisition Type		
			TY	Type of Service		
						A NI 4/40
Μ	SI03	234	Product/Service	ID	Μ	AN 1/48
М	SI03	234			IVI	AN 1/40
Μ	S103	234	Identifying number	r for a product or service	IVI	AN 1/46
М	S103	234	Identifying numbe ACT (LSR-24) = /	r for a product or service Activity	IVI	AN 1/40
Μ	S103	234	Identifying number ACT (LSR-24) = A A=(DWS : N-N	r for a product or service Activity ew Installation)	IVI	AN 1/48
Μ	S103	234	Identifying number ACT (LSR-24) = A A=(DWS : N-N	r for a product or service Activity ew Installation) sconnect of Entire Account)	IVI	AN 1/46
Μ	S103	234	Identifying number ACT (LSR-24) = A A=(DWS : N-N D=(DWS : D-D C=(DWS : C-C	r for a product or service Activity ew Installation) sconnect of Entire Account)	M	AN 1/46
Μ	S103	234	Identifying number ACT (LSR-24) = A A=(DWS : N-N D=(DWS : D-D C=(DWS : C-C V=(DWS : V-C SD=(DWS : L-S	r for a product or service Activity ew Installation) sconnect of Entire Account) nange) onversion As Specified) Seasonal Suspend (not valid in WA or OF		AN 1/46
Μ	S103	234	Identifying number ACT (LSR-24) = 7 A=(DWS : N-N D=(DWS : D-D C=(DWS : C-C V=(DWS : V-C SD=(DWS : L-S RS=(DWS : B-	r for a product or service Activity ew Installation) sconnect of Entire Account) hange) onversion As Specified) Seasonal Suspend (not valid in WA or OF Restore)		AN 1/46
Μ	S103	234	Identifying number ACT (LSR-24) = / A=(DWS : N-N D=(DWS : D-D C=(DWS : C-C V=(DWS : V-C SD=(DWS : L-S RS=(DWS : B- T=(DWS : T-Out	r for a product or service Activity ew Installation) sconnect of Entire Account) nange) onversion As Specified) Seasonal Suspend (not valid in WA or OF Restore) ttside Move(T/F))		AN 1/46
Μ	S103	234	Identifying number ACT (LSR-24) = / A=(DWS : N-N D=(DWS : D-D C=(DWS : C-C V=(DWS : V-C SD=(DWS : L-S RS=(DWS : B- T=(DWS : T-Ou W=(DWS : W-0	r for a product or service Activity ew Installation) sconnect of Entire Account) nange) onversion As Specified) Seasonal Suspend (not valid in WA or OF Restore) Itside Move(T/F)) Conversion As Is)		AN 1/48
Μ	S103	234	Identifying number ACT (LSR-24) = / A=(DWS : N-N D=(DWS : D-D C=(DWS : C-C V=(DWS : V-C SD=(DWS : L-S RS=(DWS : B- T=(DWS : T-Ou W=(DWS : W-O Z=(DWS : Z-CO	r for a product or service Activity ew Installation) sconnect of Entire Account) nange) onversion As Specified) Seasonal Suspend (not valid in WA or OF Restore) utside Move(T/F)) Conversion As Is) nversion As Spec/No Listing)		AN 1/48
Μ	S103	234	Identifying number ACT (LSR-24) = / A=(DWS : N-N D=(DWS : D-D C=(DWS : C-C V=(DWS : V-C SD=(DWS : L-S RS=(DWS : B- T=(DWS : T-Ou W=(DWS : W-0	r for a product or service Activity ew Installation) sconnect of Entire Account) nange) onversion As Specified) Seasonal Suspend (not valid in WA or OF Restore) utside Move(T/F)) Conversion As Is) nversion As Spec/No Listing)		AN 1/46

Updated: March 11, 2002	Qwest Communications International, Inc.
	EDI Disclosure Document – Version 9.0

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

Segment:	PID Product/Item Description
Position:	1900
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	200
Purpose:	To describe a product or process in coded or free-form format
Syntax Notes:	1 If PID04 is present, then PID03 is required.
-	2 At least one of PID04 or PID05 is required.
	3 If PID07 is present, then PID03 is required.
	4 If PID08 is present, then PID04 is required.
	5 If PID09 is present, then PID05 is required.
Semantic Notes:	1 Use PID03 to indicate the organization that publishes the code list
	being referred to.
	2 PID04 should be used for industry-specific product description
	codes.
	<b>3</b> 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.
0	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.
	<b>3</b> PID07 specifies the individual code list of the agency specified in PID03.
Notes:	PID'S**TI*CONVIND***SO-RSQ*CONVIND (LSR-24a)
Notes.	PID*S**TI*AO***SO-RSQ*AGAUTH (LSR-35)
	PID*S**TI*BI***SO-RSQ*FBI (EU-42)
	PID*S**TI*PENDING***SO-RSQ*PENDING ORDER (LSR-108b)

			Data Elemen	t Summary		
	Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	<u>Name</u>			
Μ	PID01	349	Item Descriptio	n Type	Μ	ID 1/1
			Code indicating	the format of a description		
			S	Structured (From Industry Code List)		
	PID03	559	Agency Qualifi	er Code	Х	ID 2/2
			Code identifying	the agency assigning the code values		
			TI	Telecommunications Industry		
	PID04	751	Product Descri	ption Code	Х	AN 1/12
			A code from an product characte AO BI	industry code list which provides specific eristic Agency Authorization Status Final Bill Information Indicator	: data	a about a
			CONVIND	Conversion Indicator		
			PENDING	Pending Order		
	PID07	822	Source Subqua	alifier	0	AN 1/15
			A reference that	indicates the table or text maintained by	/ the	Source

PID08 107	1073	Qualifier       SO-RSQ       Service Order - Reseller Questions list         Yes/No Condition or Response Code       O	)	ID 1/1
		Code indicating a Yes or No condition or response		
		CONVIND (LSR-24a) = Conversion Indicator Y=(DWS : F-Full) N=(DWS : P-Partial)		
		FBI (EU-42) = Final Bill Information Indicator N=(DWS : E-Existing(Default)) Y=(DWS : D-Different)		
		AGAUTH (LSR-35) = Agency Authorization Status PENDING ORDER (LSR-108b) = Pending Order		

Segment:	N9 Reference Identification
Position:	2950
Loop:	N9 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To transmit identifying information as specified by the Reference Identification Qualifier
Syntax Notes:	<ol> <li>At least one of N902 or N903 is required.</li> <li>If N906 is present, then N905 is required.</li> <li>If either C04003 or C04004 is present, then the other is required.</li> <li>If either C04005 or C04006 is present, then the other is required.</li> </ol>
Semantic Notes:	<ol> <li>N906 reflects the time zone which the time reflects.</li> <li>N907 contains data relating to the value cited in N902.</li> </ol>
Comments:	
Notes:	N9*H7*ORI*RESALE****2W>MANUAL IND (RE-60b)
Ref.	Data Element Summary Data

	Rei.	Dala			
	Des.	<u>Element</u>	<u>Name</u>		
	<u>Attributes</u>				
Μ	N901	128	Reference Identification Qualifier	Μ	ID 2/3
			Code qualifying the Reference Identification		
			H7 Standard Clause		
	N902	127	Reference Identification	Х	AN 1/30
			Reference information as defined for a particular Transa specified by the Reference Identification Qualifier ORI Order Instructions	action \$	Set or as
	N903	369	Free-form Description	Х	AN 1/45
			Free-form descriptive text		
			"RESALE"		
	N907	C040	Reference Identifier	0	
М	C04001	128	To identify one or more reference numbers or identificat specified by the Reference Qualifier <b>Reference Identification Qualifier</b>	ion nu <b>M</b>	mbers as
IVI	C04001	120		IVI	ID 2/3
			Code qualifying the Reference Identification		
			2W Change Order Authority		
М	C04002	127	Reference Identification	Μ	AN 1/30
			Reference information as defined for a particular Transa specified by the Reference Identification Qualifier	iction \$	Set or as
			MANUAL IND (RE-60b) = Manual Indicator		

Segment:	MTX Text		
Position:	3000		
Loop:	N9 Optional		
Level:	Heading		
Usage:	Optional		
Max Use:	>1		
Purpose:	To specify textual data		
Syntax Notes:	<ol> <li>If MTX01 is present, then MTX02 is required.</li> </ol>		
	2 If MTX03 is present, then MTX02 is required.		
	3 If MTX05 is present, then MTX04 is required.		
Semantic Notes:	<ol> <li>MTX05 is the number of lines to advance before printing.</li> </ol>		
Comments:	<ol> <li>If MTX04 is "AA - Advance the specific number of lines before p then MTX05 is required.</li> </ol>	rint"	,
Notes:	MTX**REMARKS (RE-60a)		
	Data Element Summary		
Ref.	Data		
Des.	Element Name		
<u>Attributes</u>			
MTX02	1551 Message Text	Х	AN 1/4096

To transmit large volumes of message text

REMARKS (RE-60a) = Remarks

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes:	Position:       2950         Loop:       N9       Optional         Level:       Heading         Usage:       Optional         Max Use:       1         Purpose:       To transmit identifying information as specified by the Reference Identification Qualifier         Ix 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.			
Notes:	N9*H7*C	RI*LSR****2W>MANUAL IND (LSR-108a)		
Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Data Element Summary <u>Name</u>		
N901	128	Reference Identification Qualifier	М	ID 2/3
		Code qualifying the Reference Identification		
		H7 Standard Clause		
N902	127	Reference Identification	Х	AN 1/30

Reference information as defined for a particular Transaction Set or as

To identify one or more reference numbers or identification numbers as

Reference information as defined for a particular Transaction Set or as

Change Order Authority

specified by the Reference Identification Qualifier

**Order Instructions** 

ORI

"LSR"

2W

**Free-form Description** 

**Reference Identifier** 

Free-form descriptive text

**Reference Identification** 

specified by the Reference Qualifier

**Reference Identification Qualifier** 

Code qualifying the Reference Identification

specified by the Reference Identification Qualifier MANUAL IND (LSR-108a) = Manual Indicator

369

C040

128

127

N903

N907

C04001

C04002

Μ

М

Μ

Х

Ο

Μ

Μ

AN 1/45

ID 2/3

AN 1/30

Segment:	MTX Text		
Position:	3000		
Loop:	N9 Optional		
Level:	Heading		
Usage:	Optional		
Max Use:	>1		
Purpose:	To specify textual data		
Syntax Notes:	<ol> <li>If MTX01 is present, then MTX02 is required.</li> </ol>		
	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:	<ol> <li>If MTX04 is "AA - Advance the specific number of lines before puttern MTX05 is required.</li> </ol>	rint"	,
Notes:	MTX**REMARKS (LSR-108)		
	Data Element Summary		
Ref.	Data		
Des.	<u>Element</u> <u>Name</u>		
<u>Attributes</u>			
MTX02	1551 Message Text	Х	AN 1/4096

To transmit large volumes of message text

REMARKS (LSR-108) = Remarks

Segment:	N9 F	Reference Identification	
Position:	2950		
Loop:	N9	Optional	
Level:	Heading		
Usage:	Optional		
Max Use:	1		
Purpose:		mit identifying information as specified by the Reference ation Qualifier	
Syntax Notes:	1 At le 2 If NS 3 If eit	ast one of N902 or N903 is required. 006 is present, then N905 is required. her C04003 or C04004 is present, then the other is required.	
		her C04005 or C04006 is present, then the other is required.	
Semantic Notes:		6 reflects the time zone which the time reflects.	
•	<b>2</b> N90	7 contains data relating to the value cited in N902.	
Comments:			
Notes:	N9"H7"C	DRI*EU****2W>MANUAL IND (EU-63a)	
		Data Element Summary	
Ref.	Data		
<u>Des.</u> Attributes	<u>Element</u>	<u>Name</u>	
N901	128	Reference Identification Qualifier N	ID 2/3
		Code qualifying the Reference Identification	

Standard Clause

Order Instructions

specified by the Reference Identification Qualifier

Reference information as defined for a particular Transaction Set or as

To identify one or more reference numbers or identification numbers as

Reference information as defined for a particular Transaction Set or as

Change Order Authority

м

М

Μ

C04002

N902

N903

N907

C04001

H7

ORI

"EU"

2W

**Reference Identification** 

**Free-form Description** 

**Reference Identifier** 

Free-form descriptive text

**Reference Identification** 

specified by the Reference Qualifier

**Reference Identification Qualifier** 

Code qualifying the Reference Identification

specified by the Reference Identification Qualifier MANUAL IND (EU-63a) = Manual Indicator

127

369

C040

128

127

X AN 1/30

AN 1/45

ID 2/3

AN 1/30

Х

Ο

Μ

Μ

Updated: March 11, 2002

Segment:	MTX Text		
Position:	3000		
Loop:	N9 Optional		
Level:	Heading		
Usage:	Optional		
Max Use:	>1		
Purpose:	To specify textual data		
Syntax Notes:	<ol> <li>If MTX01 is present, then MTX02 is required.</li> </ol>		
	2 If MTX03 is present, then MTX02 is required.		
	<b>3</b> If MTX05 is present, then MTX04 is required.		
Semantic Notes:	<ol> <li>MTX05 is the number of lines to advance before printing.</li> </ol>		
Comments:	<ol> <li>If MTX04 is "AA - Advance the specific number of lines before p then MTX05 is required.</li> </ol>	orint"	,
Notes:	MTX**REMARKS (EU-63)		
	Data Element Summary		
Ref.	Data		
Des.	<u>Element</u> <u>Name</u>		
<u>Attributes</u>			
MTX02	1551 Message Text	Х	AN 1/4096

To transmit large volumes of message text

REMARKS (EU-63) = Remarks

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.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	<ol> <li>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.</li> <li>N105 and N106 further define the type of entity in N101.</li> </ol>
Notes:	N1*78*CCNA (LSR-1)

Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	<u>Name</u>			
N101	98	Entity Identifie	er Code	Μ	ID 2/3
		Code identifyin an individual 78	g an organizational entity, a physical Service Requester	location,	property or
N102	93	Name		Х	AN 1/60
		Free-form name	Э		
		CCNA (LSR-1)	= Customer Carrier Name Abbreviati	on	

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.
•	2 If either PER05 or PER06 is present, then the other is required.
	3 If either PER07 or PER08 is present, then the other is required.
Semantic Notes:	
Comments:	
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 S	Summary		
Ref.	Data				
Des.	<u>Element</u>	<u>Name</u>			
<u>Attributes</u> PER01	366	Contact Function	Code	м	ID 2/2
FLRUI	300				
		named	e major duty or responsibility of the per	5011	or group
		AG	Agent		
		AL	Alternate Contact		
			Person to be contacted when the main	in co	ntact is not
			available		
		CN	General Contact		
PER02	93	Name		Ο	AN 1/60
		Free-form name			
		INIT (LSR-81) = Init			
			= Implementation Contact		
DEDAA	005		R-94) = Alternate Implementation Conta		
PER03	365	Communication I		Χ	ID 2/2
			e type of communication number		
		TE	Telephone	v	
PER04	364	Communication I		Х	AN 1/256
		applicable	ications number including country or a	ea c	ode when
			= Telephone Number		
			= Telephone Number		
		TEL NO (LSR-95) =	= Telephone Number		
PER05	365	Communication I	Number Qualifier	Х	ID 2/2
		Code identifying the	e type of communication number		
		BN	Beeper Number		
		FX	Facsimile		
PER06	364	Communication I	Number	Х	AN 1/256
		Complete commun applicable	ications number including country or a	rea c	code when
	_				
ed: March 11, 2002		est Communications			48

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

Segment:	N1 Name
Position:	3100
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required.
•	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments: Notes:	<ol> <li>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.</li> <li>N105 and N106 further define the type of entity in N101.</li> <li>N1*AN*AUTHNM (LSR-37)</li> </ol>
Ref. <u>Des.</u> Attributes	Data Element Summary Data <u>Element</u> <u>Name</u>
N101	98 Entity Identifier Code M ID 2/3
	Code identifying an organizational entity, a physical location, property or an individual AN Authorized From

AUTHNM (LSR-37) = Authorization Name

A geographic location designated as an authorized

Х

AN 1/60

pick-up or origin point for a shipment

N102 93 Name Free-form 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.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	<ol> <li>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.</li> <li>N105 and N106 further define the type of entity in N101.</li> </ol>
Notes:	N1*X1*BILLNM (EU-43)
D-f	Data Element Summary

Ref.	Data	Data Elomont	Cannary		
<u>Des.</u> Attributes	Element	<u>Name</u>			
N101	98	Entity Identifier	Code	М	ID 2/3
		Code identifying a an individual	an organizational entity, a physical locat	ion,	property or
		X1	Mail to		
			An address to which a specified item	is to	be mailed
N102	93	Name		Х	AN 1/60
		Free-form name			
		BILLNM (EU-43) :	= Bill Name		

Segment:	N2 A	dditional Name Information	
Position:	3200		
Loop:		Optional	
Level:	Heading		
Usage: Max Use:	Optional 2		
Purpose:	_	fy additional names	
Syntax Notes:	TO SPECI	iy additional names	
Semantic Notes:			
Comments:			
Notes:	N2*SBIL	LNM (EU-44)	
		Data Element Summary	
Ref.	Data		
Des.	<u>Element</u>	<u>Name</u>	
Attributes			
M N201	93	Name M	AN 1/60
		Free-form name	
		SBILLNM (EU-44) = Secondary Bill Name	

Segment:	N4 a	Geographic Location				
Position:	3400					
Loop:	N1	Optional				
Level:	Heading					
Usage:	Optional					
Max Use:	>1					
Purpose:	To speci	fy the geographic place of the named party				
Syntax Notes:	1 Only	one of N402 or N407 may be present.				
	2 If N4	06 is present, then N405 is required.				
	3 If N4	07 is present, then N404 is required.				
Semantic Notes:						
Comments:	1 A co	mbination of either N401 through N404, or N405 and N406	3 may	y		
		dequate to specify a location.				
		2 is required only if city name (N401) is in the U.S. or Cana	ada.			
Notes:	N4**STA	.TE (EU-49)*ZIP (EU-50)				
Ref.	Data	Data Element Summary				
		Nama				
<u>Des.</u> Attributes	<u>Element</u>	name				
Attributes N402	156	State or Province Code	х	ID 2/2		
IN402						
		Code (Standard State/Province) as defined by appropriate government				
		agency				
		STATE (EU-49) = State/Province				
N403	116	Postal Code	0	ID 3/15		

116	Postal Code	0	ID 3/15
	Code defining international postal zone code excluding p	ounctu	ation and
	blanks (zip code for United States)		
	ZIP (EU-50) = ZIP/Postal Code		

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes:	NX2 Location ID Component 3450 N1 Optional Heading Optional >1 To define types and values of a geographic location
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-45g) 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>			
М	NX201	1106	Address Compon	ent Qualifier	М	ID 2/2
			-	e type of address component		
			01	Street Number		
			02	Street Name		
			03	Prefix Direction		
			07	City Name		
			32	Floor		
				A particular floor or level of a building		
			35	Room		
				A walled room or partitioned area of a	build	ding
			40	Street Suffix		0
			59	Street Number Low		
			61	Street Number Fraction		
			62	Street Name Suffix		
М	NX202	166	Address Informat	ion	М	AN 1/55
			Address informatio	n		
			SASN (EU-45e) = SASD (EU-45d) = CITY (EU-48) = Cit FLOOR (EU-46) = ROOM/MAIL STOI SASS (EU-45g) = SAPR (EU-45a) = SASF (EU-45c) = 3			

Updated: March 11, 2002	Qwest Communications International, Inc.
	EDI Disclosure Document – Version 9.0

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.
-	2 If either SI06 or SI07 is present, then the other is required.
	3 If either SI08 or SI09 is present, then the other is required.
	4 If either SI10 or SI11 is present, then the other is required.
	5 If either SI12 or SI13 is present, then the other is required.
	6 If either SI14 or SI15 is present, then the other is required.
	7 If either SI16 or SI17 is present, then the other is required.
	8 If either SI18 or SI19 is present, then the other is required.
	9 If either SI20 or SI21 is present, then the other is required.
Semantic Notes:	
Comments:	<ol> <li>SI01 defines the source for each of the service characteristics qualifiers.</li> </ol>
Notes:	SI*TI*AF*AFT (EU-44a)

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

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

Segment:

Segment:		Baseline item Data - End User Form (Location and A	(cce	55
	Section)			
Position:	0100			
Loop:	PO1	Mandatory		
Level:	Detail			
Usage:	Mandato	ry		
Max Use:	1			
Purpose:		fy basic and most frequently used line item data		
Syntax Notes:		0103 is present, then PO102 is required.		
		0105 is present, then PO104 is required.		
		her PO106 or PO107 is present, then the other is required.		
		her PO108 or PO109 is present, then the other is required.		
		her PO110 or PO111 is present, then the other is required.		
		her PO112 or PO113 is present, then the other is required.		
		her PO114 or PO115 is present, then the other is required. her PO116 or PO117 is present, then the other is required.		
		her PO118 or PO119 is present, then the other is required.		
		her PO120 or PO121 is present, then the other is required.		
		her PO122 or PO123 is present, then the other is required.		
		her 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 PO1	01 is the line item identification.		
		06 through PO125 provide for ten different product/service		
	•	each item. For example: Case, Color, Drawing No., U.P.C.	No.	,
		No., Model No., or SKU.		
Notes:	PO1 [°] n [°] 1	*EA***ZZ*EU_SA [PO1 Loop may repeat]		
Def	Dete	Data Element Summary		
Ref.	Data	Nama		
<u>Des.</u> Attributes	<u>Element</u>	Name		
PO101	350	Assigned Identification	0	AN 1/20
	550	Alphanumeric characters assigned for differentiation withi	-	
		set	Παι	ansaction
		"n" = nth assigned ID within PO1 loop		
PO102	330	Quantity Ordered	Х	R 1/15
		Quantity ordered		
		1 Always One		
PO103	355	Unit or Basis for Measurement Code	0	ID 2/2
		Code specifying the units in which a value is being express manner in which a measurement has been taken EA Each	sed	, or
PO106	235	Product/Service ID Qualifier	Х	ID 2/2
		Code identifying the type/source of the descriptive numbe Product/Service ID (234) 77 Mutually Defined	r use	ed in

Product/Service ID (234) ZZ Mutually Defined 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.
	2 If either SI06 or SI07 is present, then the other is required.
	3 If either SI08 or SI09 is present, then the other is required.
	4 If either SI10 or SI11 is present, then the other is required.
	5 If either SI12 or SI13 is present, then the other is required.
	6 If either SI14 or SI15 is present, then the other is required.
	7 If either SI16 or SI17 is present, then the other is required.
	8 If either SI18 or SI19 is present, then the other is required.
	9 If either SI20 or SI21 is present, then the other is required.
Semantic Notes:	
Comments:	<b>1</b> SI01 defines the source for each of the service characteristics qualifiers.
Notes:	SI*TI*OP*WSOP (EU-31)*TN*WSOP TEL NO (EU-31a)

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

:	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes:	0500 PID Detail Optional 1 To descr 1 If PII 2 At le 3 If PII 4 If PII 5 If PII 1 Use being 2 PIDO code 3 PIDO code 3 PIDO code 1 If PII item inder 4 PIDO 1 If PII Use	<ul> <li>ibe a product or process in coded or free-form format D04 is present, then PID03 is required.</li> <li>ast one of PID04 or PID05 is required.</li> <li>D07 is present, then PID03 is required.</li> <li>D08 is present, then PID04 is required.</li> <li>D09 is present, then PID05 is required.</li> <li>PID03 to indicate the organization that publishes the code g referred to.</li> <li>D4 should be used for industry-specific product description as.</li> <li>D8 describes the physical characteristics of the product ide ID04. A "Y" indicates that the specified attribute applies to ; an "N" indicates it does not apply. Any other value is terminate.</li> <li>D9 is used to identify the language being used in PID05.</li> <li>D01 equals "F", then PID05 is used. If PID01 equals "S", the product and PID05.</li> </ul>	ntifie this nen are	ed
		bein	PID06 when necessary to refer to the product surface or la g described in the segment. )7 specifies the individual code list of the agency specified	-	
	Notes:		rl*ANV***SO-RSQ*ANV (EU-8a)		
	Ref.	Data	Data Element Summary		
	Des.	<u>Element</u>	Name		
_	<u>Attributes</u>				<b>ID</b> <i>111</i>
	PID01	349	Item Description Type	М	ID 1/1
			Code indicating the format of a description S Structured (From Industry Code List)		
	PID03	559	Agency Qualifier Code	х	ID 2/2
	11200	000	Code identifying the agency assigning the code values	Λ	
			TI Telecommunications Industry		
	PID04	751	Product Description Code	Х	AN 1/12
			A code from an industry code list which provides specific product characteristic ANV Address Not Validated Indicator	data	about a
	PID07	822	Source Subqualifier	0	AN 1/15
			A reference that indicates the table or text maintained by Qualifier SO-RSQ Service Order - Reseller Questions lis		Source
	PID08	1073	Yes/No Condition or Response Code	0	ID 1/1
			Code indicating a Yes or No condition or response		
			ANV (EU-8a) = Address Not Validated Indicator		

REF	Reference Identification		
1000			
PO1	Mandatory		
Detail			
>1			
•			
		ired.	
1 REF	04 contains data relating to the value cited in REF02.		
DEE*IV*			
	Data Elomont Summary		
Data	Data Element Summary		
Data Element			
<u>Element</u>			
2 4 4 4		м	ID 2/3
<u>Element</u>	Name Reference Identification Qualifier	М	ID 2/3
<u>Element</u>	Name Reference Identification Qualifier Code qualifying the Reference Identification	м	ID 2/3
Element 128	Name         Reference Identification Qualifier         Code qualifying the Reference Identification         IX       Item Number		
<u>Element</u>	Name         Reference Identification Qualifier         Code qualifying the Reference Identification         IX       Item Number         Reference Identification         Reference Identification	x	AN 1/30
Element 128	Name         Reference Identification Qualifier         Code qualifying the Reference Identification         IX       Item Number         Reference Identification         Reference Identification         Reference Information as defined for a particular Transaction	x	AN 1/30
Element 128	Name         Reference Identification Qualifier         Code qualifying the Reference Identification         IX       Item Number         Reference Identification         Reference Identification	x	AN 1/30
<u>Element</u> 128 127	Name         Reference Identification Qualifier         Code qualifying the Reference Identification         IX       Item Number         Reference Identification         Reference Identification         Reference information as defined for a particular Trans- specified by the Reference Identification Qualifier         LOCNUM (EU-7) = Location Number	X action S	AN 1/30 Set or as
Element 128	Name         Reference Identification Qualifier         Code qualifying the Reference Identification         IX       Item Number         Reference Identification         Description	X action S X	AN 1/30 Set or as AN 1/80
<u>Element</u> 128 127	Name         Reference Identification Qualifier         Code qualifying the Reference Identification         IX       Item Number         Reference Identification         Description         A free-form description to clarify the related data element	X action S X	AN 1/30 Set or as AN 1/80
<u>Element</u> 128 127	Name         Reference Identification Qualifier         Code qualifying the Reference Identification         IX       Item Number         Reference Identification         Description	X action S X	AN 1/30 Set or as AN 1/80
	1000 PO1 Detail Optional >1 To speci 1 At le 2 If eit 3 If eit 1 REF	<ul> <li>PO1 Mandatory</li> <li>Detail</li> <li>Optional</li> <li>&gt;1</li> <li>To specify identifying information</li> <li>1 At least one of REF02 or REF03 is required.</li> <li>2 If either C04003 or C04004 is present, then the other is required.</li> <li>3 If either C04005 or C04006 is present, then the other is required.</li> </ul>	<ul> <li>1000</li> <li>PO1 Mandatory</li> <li>Detail</li> <li>Optional</li> <li>&gt;1</li> <li>To specify identifying information</li> <li>1 At least one of REF02 or REF03 is required.</li> <li>2 If either C04003 or C04004 is present, then the other is required.</li> <li>3 If either C04005 or C04006 is present, then the other is required.</li> <li>1 REF04 contains data relating to the value cited in REF02.</li> </ul>

М

Segment:	N9 Reference Identification		
Position:	3300		
Loop:	N9 Optional		
Level:	Detail		
Usage:	Optional		
Max Use:	1		
<b>Purpose:</b> 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		
М	N901	128	Reference Identification Qualifier	Μ	ID 2/3
			Code qualifying the Reference Identification L1 Letters or Notes		
	N902	127	Reference Identification	Х	AN 1/30
			Reference information as defined for a particular Transac specified by the Reference Identification Qualifier ACC Access Instructions	tion \$	Set or as
	N903	369	Free-form Description	Х	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.
-	2 If MTX03 is present, then MTX02 is required.
	3 If MTX05 is present, then MTX04 is required.
Semantic Notes:	1 MTX05 is the number of lines to advance before printing.
Comments:	1 If MTX04 is "AA - Advance the specific number of lines before print",
	then MTX05 is required.
Notes:	MTX**ACC (EU-30)
	Data Element Summary
Ref.	Data
Des.	Element Name

Attributes		<u></u>		
MTX02	1551	Message Text	Х	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:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the
	"ID Code" (N104) must provide a key to the table maintained by the
	transaction processing party.
	2 N105 and N106 further define the type of entity in N101.
Notes:	N1*IT*NAME (EU-8)

Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>			
N101	98	Entity Identif	ier Code	м	ID 2/3
		Code identifyin an individual IT	ng an organizational entity, a phys Installation on Site	sical location,	property or
N102	93	Name Free-form nan		X	AN 1/60
			= End User Name		

Segment:	N4 Geographic Location
Position:	3800
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify the geographic place of the named party
Syntax Notes:	1 Only one of N402 or N407 may be present.
	2 If N406 is present, then N405 is required.
	3 If N407 is present, then N404 is required.
Semantic Notes:	
Comments:	1 A combination of either N401 through N404, or N405 and N406 may
	be adequate to specify a location.
	2 N402 is required only if city name (N401) is in the U.S. or Canada.
Notes:	N4**STATE (EU-25)*ZIP (EU-26)**RJ*CALA (EU-26a)
	Data Element Summary
Ref.	Data
Des.	Element Name

2001		Hame		
<u>Attributes</u>				
N402	156	State or Province Code	Х	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) ZIP (EU-26) = ZIP/Postal Code	nctu	ation and
N405	309	Location Qualifier	Χ	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: Position: Loop: Level: Usage: Max Use: Purpose:

Ref.

Data

# NX2 Location ID Component

3850 N1 Optional Detail Optional >1 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**

NCI.	Dala				
Des.	<u>Element</u>	<u>Name</u>			
<u>Attributes</u>					
NX201	1106	Address Compon	ent Qualifier	М	ID 2/2
		Code qualifying the	e type of address component		
		LD1 (EU-17) = Loc	ation Designator 1		
		13=(DWS : APT)			
		34=(DWS : LOT)			
		35=(DWS : RM)	N		
		36=(DWS : SLIP 37=(DWS : UNIT			
		14=(DWS : SUIT	•		
			/		
		LD2 (EU-19) = Loc	ation Designator 2		
		32=(DWS : FLR)			
		LD3 (EU-21) = Loc	-		
		12=(DWS : BLD			
		63=(DWS : WNC			
		30=(DWS : PIER 01	Street Number		
		02	Street Name		
		-			
		03	Prefix Direction		
		05	P.O. Box Number		
		06	Rural Route Number		
		07	City Name		
		12	Building Name		

	13	Apartment Number					
	14	Suite Number					
	30	Pier					
		The pier at which a ship or boat is docked					
	32	Floor					
		A particular floor or level of a building					
	34	Lot					
		A particular lot or piece of land					
	35	Room					
		A walled room or partitioned area of a building					
	36	Slip					
		The slip or location on a pier at which a ship or boat					
		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					
166	Address Informat	ion M AN 1/55					
	Address information	n					
		Service Address Number					
	. ,	ervice Address Street Name					
	BOX (EU-13) = SBOX (EU-23c) = BOX	Service Address Street Directional Prefix					
	ROUTE (EU-23b) =						
	CITY (EU-24) = Cit						
		ssigned House Number					
	. ,	ervice Address Street Directional Suffix					
		ervice Address Number Prefix					
		ervice Address Number Suffix ervice Address Street Type					
	LV1 (EU-18) = Loc						
	LV2 (EU-20) = Loc						

LV3 (EU-22) = Location Value 3

Μ

NX202

Segment:       PCER Administrative Communications Contact         Position:       4000         Loop:       N1         Level:       Detail         Usage:       Optional         Max Use:       3         Purpose:       To identify a person or office to whom administrative communications should be directed         Syntax Notes:       1         Semantic Notes:       1         Comments:       5						
Notes:	PER°CA	*LCON (EU-27)*TE*TEL NO (EU-28)				
Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Data Element Summary <u>Name</u>				
PER01	366	Contact Function Code	Μ	ID 2/2		
		Code identifying the major duty or responsibility of the per named CA Customer Contact Granting Appointm		or group		
PER02	93	Name	0	AN 1/60		
		Free-form name 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	Х	AN 1/256		
		Complete communications number including country or a applicable TEL NO (EU-28) = Telephone Number	rea c	code when		

Updated: March 11, 2002

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.
	2 If either SI06 or SI07 is present, then the other is required.
	3 If either SI08 or SI09 is present, then the other is required.
	4 If either SI10 or SI11 is present, then the other is required.
	5 If either SI12 or SI13 is present, then the other is required.
	6 If either SI14 or SI15 is present, then the other is required.
	7 If either SI16 or SI17 is present, then the other is required.
	8 If either SI18 or SI19 is present, then the other is required.
	9 If either SI20 or SI21 is present, then the other is required.
Semantic Notes:	
Comments:	<ol> <li>SI01 defines the source for each of the service characteristics qualifiers.</li> </ol>
Notes:	SI*TI*AF*AFT (EU-9)

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

# PO1 Baseline Item Data - End User Form (Disconnect

Seament:

Segment:		Baseline Item Data - End User Form (Disconnect					
	Information	tion Section)					
Position:	0100						
Loop:	PO1	Mandatory					
Level:	Detail						
Usage:	Mandato	ry					
Max Use:	1						
Purpose:	To speci	fy basic and most frequently used line item data					
Syntax Notes:		0103 is present, then PO102 is required.					
	2 If PC	0105 is present, then PO104 is required.					
	3 If eit	her PO106 or PO107 is present, then the other is required					
		her PO108 or PO109 is present, then the other is required					
	5 If eit	her PO110 or PO111 is present, then the other is required					
		her PO112 or PO113 is present, then the other is required					
		her PO114 or PO115 is present, then the other is required					
		ner PO116 or PO117 is present, then the other is required					
		her PO118 or PO119 is present, then the other is required					
		her PO120 or PO121 is present, then the other is required					
		her PO122 or PO123 is present, then the other is required					
	12 If eit	her PO124 or PO125 is present, then the other is required					
Semantic Notes:							
Comments:		the Data Element Dictionary for a complete list of IDs.					
		01 is the line item identification.					
		06 through PO125 provide for ten different product/service					
	•	each item. For example: Case, Color, Drawing No., U.P.C.	. NO.	,			
Neteo	ISBN No., Model No., or SKU.						
Notes:	Notes: PO1*n*1*EA***ZZ*EU_DISC [PO1 Loop may repeat]						
		Dete Element Ormane					
Def	Data Element Summary						
Ref.	Data	Nomo					
<u>Des.</u> Attributes	<u>Element</u>	Name					
<u>Attributes</u> PO101	350	Assigned Identification	ο	AN 1/20			
10101	550	-	-				
		Alphanumeric characters assigned for differentiation within	nat	ransaction			
		set "n" = nth assigned ID within PO1 loop					
DO400	000		v	D 4/45			
PO102	330	Quantity Ordered	Х	R 1/15			
		Quantity ordered					
		1 Always One					
PO103	355	Unit or Basis for Measurement Code	0	ID 2/2			
		Code specifying the units in which a value is being expres	ssed	, or			
		manner in which a measurement has been taken		•			
		EA Each					
PO106	235	Product/Service ID Qualifier	Х	ID 2/2			
		Code identifying the type/source of the descriptive number	er Her	ed in			
		Draduat/Oamiaa ID (00.1)					

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Product/Service ID (234)

**Product/Service ID** 

Mutually Defined

Identifying number for a product or service

ZZ

"EU_DISC"

234

PO107

X AN 1/48

68

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.				
•	2 If either SI06 or SI07 is present, then the other is required.				
	3 If either SI08 or SI09 is present, then the other is required.				
	4 If either SI10 or SI11 is present, then the other is required.				
	5 If either SI12 or SI13 is present, then the other is required.				
	6 If either SI14 or SI15 is present, then the other is required.				
	7 If either SI16 or SI17 is present, then the other is required.				
	<ul><li>8 If either SI18 or SI19 is present, then the other is required.</li></ul>				
	<ul><li>9 If either SI20 or SI21 is present, then the other is required.</li></ul>				
Semantic Notes:					
Comments:	1 SI01 defines the source for each of the service characteristics				
comments.	qualifiers.				
Notes:	SI*TI*ND*DISC NBR (EU-55)				
	SI*TI*T6*TC OPT (EU-57)				

Data Liement Summary						
	Ref. <u>Des.</u>	Data <u>Element</u>	<u>Name</u>			
м	Attributes SI01	559		r Codo	м	ID 2/2
IVI	3101	559	Agency Qualifier Code			
			Code identifying the			
			П	Telecommunications Industry		
М	SI02	1000	Service Characte	eristics Qualifier	Μ	AN 2/2
			Code from an induction characteristics	ustry code list qualifying the type of ser	vice	
			ND	Disconnect Number		
			Т6	Transfer of Calls Options		
М	SI03	234	<b>Product/Service</b>	ID	Μ	AN 1/48
			Identifying numbe			
	DISC NBR (EU-55) = Disconnect Telephone Number					
			TC OPT (EU-57) =	= Transfer of Call Options		

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes:	1000 PO1 Detail Optional >1 To speci	Reference Identification Mandatory fy identifying information east one of REF02 or REF03 is required.				
Semantic Notes: Comments:	<ul><li>2 If eit</li><li>3 If eit</li><li>1 REF</li></ul>	her C04003 or C04004 is present, then the other is required her C04005 or C04006 is present, then the other is required contains data relating to the value cited in REF02.				
Notes: REF*IX*DNUM (EU-54)*DNUM						
_ /	-	Data Element Summary				
Ref.	Data	No				
<u>Des.</u> Attributes	<u>Element</u>	<u>Name</u>				
REF01	128	Reference Identification QualifierCode qualifying the Reference IdentificationIXItem Number	м	ID 2/3		
REF02	127	Reference Identification	Х	AN 1/30		
		Reference information as defined for a particular Trans specified by the Reference Identification Qualifier DNUM (EU-54) = Disconnect Line Number	saction \$	Set or as		
REF03	352	<b>Description</b> A free-form description to clarify the related data elem- content	X ents and	<b>AN 1/80</b> d their		

М

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments:	<ul> <li>DTM Date/Time Reference</li> <li>2100</li> <li>PO1 Mandatory</li> <li>Detail</li> <li>Optional</li> <li>10</li> <li>To specify pertinent dates and times</li> <li>1 At least one of DTM02 DTM03 or DTM05 is required.</li> <li>2 If DTM04 is present, then DTM03 is required.</li> <li>3 If either DTM05 or DTM06 is present, then the other is required.</li> </ul>					
Notes:						
Def	Data Element Summary					
Ref. <u>Des.</u>	Data <u>Element</u>	Name				
<u>Attributes</u> DTM01	374	Date/Time Qualifier	м	2/2		
	374			ID 3/3		
		Code specifying type of date or time, or both date and time 376 Delivery End	e			
		The date that deliveries will end				
DTM02	373	Date	Х	DT 8/8		
		Date expressed as CCYYMMDD				
		TC PER (EU-62) = Transfer of Calls Period				

М

Segment: Position: Loop: Level: Usage: Max Use:	4700 SLN Detail Optional	Subline Item Detail Optional					
Purpose: Syntax Notes:	: To specify product subline detail item data						
Semantic Notes:	<ol> <li>If either SLN27 or SLN28 is present, then the other is required.</li> <li>SLN01 is the identifying number for the subline item.</li> <li>SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials.</li> <li>SLN03 is the configuration code indicating the relationship of the subline item to the baseline item.</li> <li>SLN08 is a code indicating the relationship of the price or amount to the present of the subline item to the subline item.</li> </ol>						
Comments: Notes:	<ol> <li>the associated segment.</li> <li>See the Data Element Dictionary for a complete list of IDs.</li> <li>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.</li> <li>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.</li> <li>SLN*TCPRI*n*A*1*EA</li> </ol>						
10003.	OLIV TO						
Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Data Element Summary <u>Name</u>					
1 SLN01	350	Assigned Identification Alphanumeric characters assigned for differentiation within set "TCPRI"	<b>M</b> n a tra	AN 1/20 ansaction			
SLN02	350		0	AN 1/20			
		Alphanumeric characters assigned for differentiation within set "n" = nth assigned ID within SLN loop	a tra	ansaction			
I SLN03	662	-	м	ID 1/1			
		Code indicating the relationship between entities A Add					
SLN04	380	Quantity Numeric value of quantity	Х	R 1/15			

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Μ

			1 Always One	
	SLN05	C001	Composite Unit of Measure	X
	C00101	255	To identify a composite unit of measure (See Fig examples of use)	
Μ	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	<b>.</b>
			EA Each	

Segment:	SI Service Characteristic Identification
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.
	2 If either SI06 or SI07 is present, then the other is required.
	3 If either SI08 or SI09 is present, then the other is required.
	4 If either SI10 or SI11 is present, then the other is required.
	5 If either SI12 or SI13 is present, then the other is required.
	6 If either SI14 or SI15 is present, then the other is required.
	7 If either SI16 or SI17 is present, then the other is required.
	8 If either SI18 or SI19 is present, then the other is required.
	9 If either SI20 or SI21 is present, then the other is required.
Semantic Notes:	
Comments:	<ol> <li>SI01 defines the source for each of the service characteristics qualifiers.</li> </ol>
Notes:	SI*TI*TC*TC TO PRI (EU-58)

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

Segment:	N1 Name
Position:	5350
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	<ol> <li>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.</li> <li>N105 and N106 further define the type of entity in N101.</li> </ol>
Notes:	N1*TT*TC NAME (EU-58b)
	Data Element Summani

Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>			
N101	98	Entity Identifier Code	M	ID 2/3
		Code identifying an organizational entity, a physic an individual TT Transfer To	al location,	property or
N102	93	Name	Х	AN 1/60
		Free-form name		
		TC NAME (EU-58b) = Transfer of Calls to Name		

Μ

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	5800 N1 Detail Optional 12 To speci 1 At le 2 If eitl 3 If eitl 1 REF	Reference Identification         Optional         fy identifying information         ast one of REF02 or REF03 is required.         her C04003 or C04004 is present, then the other is require         her C04005 or C04006 is present, then the other is require         04 contains data relating to the value cited in REF02.         TCID (EU-58a)*PRI		
Ref.	Data	Data Element Summary		
<u>Des.</u> <u>Attributes</u>	<u>Element</u>	Name		
I REF01	128	Reference Identification QualifierCode qualifying the Reference Identification55Sequence Number	М	ID 2/3
REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Transac specified by the Reference Identification Qualifier	X tion \$	AN 1/30 Set or as

TCID (EU-58a) = Transfer of Calls to Identifier

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

М

REF03

352

Description

content "PRI" Х

AN 1/80

Segment:	SLN	Subline Item Detail	
Position:	4700		
Loop:	SLN	Optional	
Level:	Detail		
Usage:	Optional		
Max Use:	1 To on ori	hu product aubling datail item data	
Purpose: Syntax Notes:		fy product subline detail item data ner SLN04 or SLN05 is present, then the other is required.	
Syntax Notes.		N07 is present, then SLN06 is required.	
		N08 is present, then SLN06 is required.	
		ner SLN09 or SLN10 is present, then the other is required.	
		ner SLN11 or SLN12 is present, then the other is required.	
		her SLN13 or SLN14 is present, then the other is required.	
		ner SLN15 or SLN16 is present, then the other is required. ner SLN17 or SLN18 is present, then the other is required.	
		her SLN19 or SLN20 is present, then the other is required.	
		her SLN21 or SLN22 is present, then the other is required.	
		ner SLN23 or SLN24 is present, then the other is required.	
		ner SLN25 or SLN26 is present, then the other is required.	
Comentie Notes		her SLN27 or SLN28 is present, then the other is required.	
Semantic Notes:		01 is the identifying number for the subline item. 02 is the identifying number for the subline level. The subline	
		is analogous to the level code used in a bill of materials.	
		03 is the configuration code indicating the relationship of the	
		ne item to the baseline item.	
		08 is a code indicating the relationship of the price or amoun	t to
Comments:		associated segment. the Data Element Dictionary for a complete list of IDs.	
oonmenta.		01 is related to (but not necessarily equivalent to) the baselin	e
		number. Example: 1.1 or 1A might be used as a subline num	
		late to baseline number 1.	
		09 through SLN28 provide for ten different product/service IDs	
		ach item. For example: Case, Color, Drawing No., U.P.C. No I No., Model No., or SKU.	).,
Notes:		SEC*n*A*1*EA [SLN Loop may repeat]	
		e te col cycles.	
		Data Element Summary	
Ref.	Data	News	
<u>Des.</u> <u>Attributes</u>	<u>Element</u>	name	
1 SLN01	350	Assigned Identification M	AN 1/20
		Alphanumeric characters assigned for differentiation within a	a transaction
		set	
		"TCSEC"	
SLN02	350	Assigned Identification C	AN 1/20
		Alphanumeric characters assigned for differentiation within a	a transaction
		set "n" = nth assigned ID within SLN loop	
I SLN03	662	Relationship Code	ID 1/1
	002	Code indicating the relationship between entities	
		A Add	
SLN04	380	Quantity X	R 1/15
	500	Numeric value of quantity	11/13
		reaction value of quantity	

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Μ

М

			1 Always One	
	SLN05	C001	Composite Unit of Measure	Х
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
			Code specifying the units in which a value is to manner in which a measurement has been ta EA Each	being expressed, or

Position:       4800         Loop:       SLN       Optional         Level:       Detail         Usage:       Optional         Max Use:       >1         Purpose:       To specify service characteristic data	Segment:	SI Service Characteristic Identification
Loop: SLN Optional Level: Detail Usage: Optional Max Use: >1	Position:	4800
Level: Detail Usage: Optional Max Use: >1		
Usage: Optional Max Use: >1		•
Max Use: >1		
	-	•
Purpose: To specify service characteristic data	Max Use:	>1
	Purpose:	To specify service characteristic data
<b>Syntax Notes:</b> 1 If either SI04 or SI05 is present, then the other is required.	Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.
2 If either SI06 or SI07 is present, then the other is required.	-	
3 If either SI08 or SI09 is present, then the other is required.		• •
4 If either SI10 or SI11 is present, then the other is required.		
5 If either SI12 or SI13 is present, then the other is required.		
7 If either SI16 or SI17 is present, then the other is required.		
<b>8</b> If either SI18 or SI19 is present, then the other is required.		8 If either SI18 or SI19 is present, then the other is required.
<b>9</b> If either SI20 or SI21 is present, then the other is required.		9 If either SI20 or SI21 is present, then the other is required.
Semantic Notes:	Semantic Notes:	
<b>Comments:</b> 1 SI01 defines the source for each of the service characteristics	Comments:	1 SI01 defines the source for each of the service characteristics
qualifiers.	••••••••	
Notes: SI*TI*TC*TC TO SEC (EU-59)	Notes:	

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

Segment:	N1 Name
Position:	5350
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	<ol> <li>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.</li> </ol>
Netaa	2 N105 and N106 further define the type of entity in N101.
Notes:	N1*TT*TC NAME (EU-61)

Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	Name	
N101	98	Entity Identifier Code	M ID 2/3
		Code identifying an organizational entity, a p an individual TT Transfer To	hysical location, property or
N102	93	Name	X AN 1/60
		Free-form name	
		TC NAME (EU-61) = Transfer of Calls To Nar	me

Segment: Position: Loop:	5800	Reference Identification		
Level:	Detail			
Usage:	Optional			
Max Use:	12			
Purpose:	•	iy identifying information		
Syntax Notes:	2 If eit 3 If eit	ast one of REF02 or REF03 is required. her C04003 or C04004 is present, then the other is require her C04005 or C04006 is present, then the other is require		
Semantic Notes:	1 REF	04 contains data relating to the value cited in REF02.		
Comments: Notes:	REF*55*	TCID (EU-60)*SEC		
Ref.	Data	Data Element Summary		
Des.	Element	Name		
Attributes REF01	128	Reference Identification Qualifier	м	ID 2/3
		Code qualifying the Reference Identification		
		55 Sequence Number		
REF02	127	Reference Identification	Х	AN 1/30

specified by the Reference Identification Qualifier TCID (EU-60) = Transfer of Calls To Identifier

Reference information as defined for a particular Transaction Set or as

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

М

REF03

352

Description

content "SEC" Х

AN 1/80

Segment:	PO1 Baseline Item Data - Resale Form (Service Details Section)
Position:	0100
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Mandatory
Max Use:	1
Purpose:	To specify basic and most frequently used line item data
Syntax Notes:	<ol> <li>If PO103 is present, then PO102 is required.</li> </ol>
eyntax neteel	<ul><li>2 If PO105 is present, then PO104 is required.</li></ul>
	3 If either PO106 or PO107 is present, then the other is required.
	4 If either PO108 or PO109 is present, then the other is required.
	5 If either PO110 or PO111 is present, then the other is required.
	6 If either PO112 or PO113 is present, then the other is required.
	7 If either PO114 or PO115 is present, then the other is required.
	8 If either PO116 or PO117 is present, then the other is required.
	9 If either PO118 or PO119 is present, then the other is required.
	<b>10</b> If either PO120 or PO121 is present, then the other is required.
	<b>11</b> If either PO122 or PO123 is present, then the other is required.
	<b>12</b> 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.,

- 3 PO106 through PO125 provide for ten different product/service IDs per each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.
- Notes: PO1*n*1*EA***ZZ*RE [PO1 Loop repeats RSQTY (RE-5) times]

Ref.	Data	-		
Des.	<u>Element</u>	Name		
<u>Attributes</u>			_	
PO101	350	Assigned Identification	0	AN 1/20
		Alphanumeric characters assigned for differentiation within set	nat	ransaction
		"n" = nth assigned ID within PO1 loop		
PO102	330	Quantity Ordered	Х	R 1/15
		Quantity ordered		
		1 Always One		
PO103	355	Unit or Basis for Measurement Code	0	ID 2/2
		Code specifying the units in which a value is being express manner in which a measurement has been taken EA Each	sed	, or
PO106	235	Product/Service ID Qualifier	Х	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	Х	AN 1/48
		Identifying number for a product or service		
		"RE"		

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.
	2 If either SI06 or SI07 is present, then the other is required.
	<b>3</b> If either SI08 or SI09 is present, then the other is required.
	4 If either SI10 or SI11 is present, then the other is required.
	5 If either SI12 or SI13 is present, then the other is required.
	6 If either SI14 or SI15 is present, then the other is required.
	7 If either SI16 or SI17 is present, then the other is required.
	8 If either SI18 or SI19 is present, then the other is required.
<b>0</b> (1) <b>1</b> (1)	<b>9</b> If either SI20 or SI21 is present, then the other is required.
Semantic Notes:	
Comments:	<ol> <li>SI01 defines the source for each of the service characteristics qualifiers.</li> </ol>
Notes:	SI*TI*NQ*NPI (RE-11)
	SI*TI*SA*LNA (RE-12)
	SI*TI*TN*TNS (RE-15)
	SI*TI*OT*OTN (RE-19)
	SI*TI*T6*TC OPT (RE-35)
	SI*TI*SY*SSIG (RE-51)
	SI*TI*PE*PULSE (RE-52)
	SI*TI*TQ*TLI (RE-18a)
	SI*TI*T5*TERS (RE-18)
	SI*TI*LZ*LSCP (RE-53)

			Data Elemen	it Summary		
	Ref. Des.	Data Element	Namo			
	<u>Attributes</u>	<u>Element</u>	<u>Name</u>			
М	SI01	559	Agency Qualifi	er Code	Μ	ID 2/2
			Code identifying	the agency assigning the code values		
			П	Telecommunications Industry		
М	SI02	1000	Service Charac	cteristics Qualifier	Μ	AN 2/2
			Code from an in characteristics	dustry code list qualifying the type of sen	vice	
			LZ	Freeze Local Service Provider		
			NQ	Number Portability Indicator		
			ОТ	Out Telephone Number		
			PE	Pulse Type		
			SA	Service Activity		
			SY	Start Signaling		
			T5	Terminal Number		
			T6	Transfer of Calls Options		
			TN	Telephone Number		
			TQ	Telephone Line Identifier		
М	SI03	234	Product/Servic	e ID	Μ	AN 1/48
			Identifying numb	er for a product or service		
Updated: N	/arch 11, 2002	2 Qw	est Communicatio	ns International, Inc.		83

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LNA (RE-12) = Line Activity CT=(DWS : X-TN Change) C=(DWS : C-Change) A=(DWS : N-New) D=(DWS : D-Disconnect) V=(DWS : V-Conversion of Service As Specified) P=(DWS : V-Conversion of Service As Specified) L=(DWS : L-Seasonal Suspend) W=(DWS : W-Conversion As Is) NPI (RE-11) = Number Portability Indicator TNS (RE-15) = Telephone Numbers OTN (RE-19) = Out Telephone Number TC OPT (RE-35) = Transfer of Call Options SSIG (RE-51) = Start Signaling PULSE (RE-52) = Type of Pulsing

TLI (RE-18a) = Telephone Line Identifier

TERS (RE-18) = Terminal Numbers

LSCP (RE-53) = Local Service Provider Change Prohibited

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:		D04 is present, then PID03 is required. ast one of PID04 or PID05 is required.						
		D07 is present, then PID03 is required.						
		D08 is present, then PID04 is required.						
	5 If PI	D09 is present, then PID05 is required.						
Semantic Notes:		PID03 to indicate the organization that publishes the code	; list					
		g referred to.						
	2 PIDC code	04 should be used for industry-specific product description						
		3. 38 describes the physical characteristics of the product ide	ntifie	ed .				
		D04. A "Y" indicates that the specified attribute applies to						
		; an "N" indicates it does not apply. Any other value is						
		terminate.						
Comments:		09 is used to identify the language being used in PID05.						
Comments:		D01 equals "F", then PID05 is used. If PID01 equals "S", th )4 is used. If PID01 equals "X", then both PID04 and PID05						
	usec	•	are					
		PID06 when necessary to refer to the product surface or la	ıyer					
		g described in the segment.						
		07 specifies the individual code list of the agency specified	in					
Notes:	PID(	J3. FI*AG***SO-RSQ*NIDR (RE-47)						
10163.								
		Data Element Summary						
Ref.	Data	Nama						
<u>Des.</u> Attributes	<u>Element</u>	Name						
I PID01	349	Item Description Type	м	ID 1/1				
		Code indicating the format of a description						
		S Structured (From Industry Code List)						
PID03	559	Agency Qualifier Code	х	ID 2/2				
		Code identifying the agency assigning the code values						
		TI Telecommunications Industry						
PID04	751	Product Description Code	х	AN 1/12				
		A code from an industry code list which provides specific						
		product characteristic	aaro					
		AG Network Interface Device Request						
PID07	822	Source Subqualifier	0	AN 1/15				
		A reference that indicates the table or text maintained by	the S	Source				
		Qualifier						
<b></b>		SO-RSQ Service Order - Reseller Questions lis	-					
PID08	1073	Yes/No Condition or Response Code	0	ID 1/1				
		Code indicating a Yes or No condition or response						
		NIDR (RE-47) = NID Request						

Μ

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	1000 PO1 Detail Optional >1 To speci 1 At le 2 If eit 3 If eit 1 REF REF*IX*I REF*GP	Reference Identification         Mandatory         fy identifying information         east one of REF02 or REF03 is required.         her C04003 or C04004 is present, then the other is requir         her C04005 or C04006 is present, then the other is requir         '04 contains data relating to the value cited in REF02.         LNUM (RE-9)*LNUM         *TSP (RE-25)         *SAN (RE-26)		
Ref.	Data	Data Element Summary		
Des.	<u>Element</u>	Name		
Attributes				
M REF01	128	Reference Identification Qualifier	м	ID 2/3
	128	Reference Identification Qualifier Code qualifying the Reference Identification	М	ID 2/3
	128	Code qualifying the Reference Identification		ID 2/3
	128	Code qualifying the Reference Identification		ID 2/3
	128	Code qualifying the Reference Identification AE Authorization for Expense (AFE) Nu		ID 2/3
	128 127	Code qualifying the Reference IdentificationAEAuthorization for Expense (AFE) NuGPGovernment Priority Number		ID 2/3 AN 1/30
M REF01		Code qualifying the Reference IdentificationAEAuthorization for Expense (AFE) NuGPGovernment Priority NumberIXItem NumberReference IdentificationReference information as defined for a particular Transaction	mber X	AN 1/30
M REF01		Code qualifying the Reference IdentificationAEAuthorization for Expense (AFE) NuGPGovernment Priority NumberIXItem NumberReference IdentificationReference information as defined for a particular Transacspecified by the Reference Identification Qualifier	mber X	AN 1/30
M REF01		Code qualifying the Reference Identification         AE       Authorization for Expense (AFE) Null         GP       Government Priority Number         IX       Item Number         Reference Identification         Reference information as defined for a particular Transact         specified by the Reference Identification Qualifier         LNUM (RE-9) = Line Number	mber X	AN 1/30
M REF01		Code qualifying the Reference IdentificationAEAuthorization for Expense (AFE) NullGPGovernment Priority NumberIXItem NumberReference IdentificationReference information as defined for a particular Transactspecified by the Reference Identification QualifierLNUM (RE-9) = Line NumberTSP (RE-25) = Telecommunications Service Priority	mber X	AN 1/30
M REF01		Code qualifying the Reference Identification         AE       Authorization for Expense (AFE) Null         GP       Government Priority Number         IX       Item Number         Reference Identification         Reference information as defined for a particular Transact         specified by the Reference Identification Qualifier         LNUM (RE-9) = Line Number	mber X	AN 1/30
M REF01 REF02	127	Code qualifying the Reference IdentificationAEAuthorization for Expense (AFE) NullGPGovernment Priority NumberIXItem NumberReference IdentificationReference information as defined for a particular Transactspecified by the Reference Identification QualifierLNUM (RE-9) = Line NumberTSP (RE-25) = Telecommunications Service PrioritySAN (RE-26) = Subscriber Authorization Number	mber X ction \$	AN 1/30 Set or as AN 1/80
M REF01 REF02	127	Code qualifying the Reference IdentificationAEAuthorization for Expense (AFE) NullGPGovernment Priority NumberIXItem NumberReference IdentificationReference information as defined for a particular Transactspecified by the Reference Identification QualifierLNUM (RE-9) = Line NumberTSP (RE-25) = Telecommunications Service PrioritySAN (RE-26) = Subscriber Authorization NumberDescription	mber X ction \$	AN 1/30 Set or as AN 1/80

Updated: March 11, 2002

Segment: Position: Loop: Level: Usage: Max Use:	DTN 2100 PO1 Detail Optional 10	Date/Time Reference Mandatory		
Purpose:	•	fy pertinent dates and times		
Syntax Notes:		ast one of DTM02 DTM03 or DTM05 is required.		
		⁻ M04 is present, then DTM03 is required. her DTM05 or DTM06 is present, then the other is required.		
Semantic Notes: Comments: Notes:		6*TC PER{CCYYMMDD} (RE-40)		
Ref.	Data	Data Element Summary		
Des.	Element	Name		
<u>Attributes</u>				
DTM01	374	Date/Time Qualifier	М	ID 3/3
		Code specifying type of date or time, or both date and tim 376 Delivery End The date that deliveries will end	e	
DTM02	373	Date	Χ	DT 8/8
		Date expressed as CCYYMMDD		
		TC PER (RE-40) = Transfer of Calls Period		

М

Segment:	N1 ⊾	lame	
Position:	3500		
Loop:	N1	Optional	
Level:	Detail		
Usage:	Optional		
Max Use:	1		
Purpose:	To identi	fy a party by type of organization, name, and code	
Syntax Notes:		ast one of N102 or N103 is required.	
	2 If eit	her N103 or N104 is present, then the other is required.	
Semantic Notes:			
Comments:	prov "ID ( trans	segment, used alone, provides the most efficient method of iding organizational identification. To obtain this efficiency the Code" (N104) must provide a key to the table maintained by the saction processing party. 5 and N106 further define the type of entity in N101.	;
Notes:		41*PIC (RE-30)	
Ref. Des.	Data <u>Element</u>	Data Element Summary	
Attributes		Name	
I N101	98	Entity Identifier Code M	ID 2/3
		Code identifying an organizational entity, a physical location,	property or
		obdo haonarying an organizational onary, a physical location,	property of

Primary Interexchange Carrier (PIC) Identifies the carrier who will handle the

Telecommunications Carrier Identification Code Identifies the Interexchange carrier for the charges

interexchange calls

being billed

PIC (RE-30) = InterLATA Pre-subscription Indicator Code

Code designating the system/method of code structure used for

an individual P9

41

**Identification Code Qualifier** 

Code identifying a party or other code

Identification Code (67)

**Identification Code** 

N103

N104

66

67

X ID 1/2

AN 2/80

Х

Segment:	N1 Name
Position:	3500
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.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	<ol> <li>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.</li> <li>N405 and N406 further define the time of antity in N404</li> </ol>
Notos	2 N105 and N106 further define the type of entity in N101.
Notes:	N1*8V**41*LPIC (RE-31)

		Data Element Summary	/	
Ref.	Data			
Des.	<u>Element</u>	<u>Name</u>		
<u>Attributes</u>				
N101	98	Entity Identifier Code	M	ID 2/3
		Code identifying an organize an individual	ational entity, a physical location,	property or
		8V Primary	Intra-LATA (Local Access Transp	ort Area)
		Carrier		
N103	66	Identification Code Quali	fier X	ID 1/2
		Identification Code (67)	m/method of code structure used	
		Identifie being bi	s the Interexchange carrier for the led	charges
N104	67	Identification Code	Х	AN 2/80
		Code identifying a party or o	other code	
			Pre-subscription Indicator Code	
		( - )		

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes:	4700 SLN Detail Optional 1 To speci 1 If eitt 2 If SL 3 If SL 4 If eitt 5 If eitt 6 If eitt 7 If eitt 8 If eitt 9 If eitt	Subline Item Detail Optional fy product subline detail item data her SLN04 or SLN05 is present, then the other is required. N07 is present, then SLN06 is required. N08 is present, then SLN06 is required. her SLN09 or SLN10 is present, then the other is required. her SLN11 or SLN12 is present, then the other is required. her SLN13 or SLN14 is present, then the other is required. her SLN15 or SLN16 is present, then the other is required. her SLN17 or SLN18 is present, then the other is required. her SLN19 or SLN20 is present, then the other is required. her SLN19 or SLN20 is present, then the other is required.		
Semantic Notes: Comments:	<ul> <li>12 If eith</li> <li>13 If eith</li> <li>1 SLN</li> <li>2 SLN</li> <li>level</li> <li>3 SLN</li> <li>sublition</li> <li>4 SLN</li> <li>the atom the set of th</li></ul>	her SLN23 or SLN24 is present, then the other is required. her SLN25 or SLN26 is present, then the other is required. Of is the identifying number for the subline item. Of is the identifying number for the subline level. The sublin is analogous to the level code used in a bill of materials. Of is the configuration code indicating the relationship of th ne item to the baseline item. Of is a code indicating the relationship of the price or amoun associated segment. The Data Element Dictionary for a complete list of IDs. Of is related to (but not necessarily equivalent to) the base number. Example: 1.1 or 1A might be used as a subline mi late to baseline number 1. Of through SLN28 provide for ten different product/service II ach item. For example: Case, Color, Drawing No., U.P.C. I No., Model No., or SKU.	e int to line umbo Ds	
Notes:	SLN*TC	PRI*n*A*1*EA		
Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Data Element Summary <u>Name</u>		
I SLN01	350	Assigned Identification Alphanumeric characters assigned for differentiation within set	M n a tr	AN 1/20 ransaction
SLN02	350	"TCPRI" <b>Assigned Identification</b> Alphanumeric characters assigned for differentiation within set "n" = nth assigned ID within SLN loop	<b>O</b> n a tr	AN 1/20 ransaction
I SLN03	662	Relationship Code         Code indicating the relationship between entities         A       Add	Μ	ID 1/1
SLN04	380	Quantity Numeric value of quantity	X	R 1/15

Numeric value of quantity

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X
(See Figures Appendix for
M ID 2/2
ue is being expressed, or een taken

Segment:	SI Service Characteristic Identification					
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.					
Syniax Notes.						
	3 If either SI08 or SI09 is present, then the other is required.					
	4 If either SI10 or SI11 is present, then the other is required.					
	5 If either SI12 or SI13 is present, then the other is required.					
	6 If either SI14 or SI15 is present, then the other is required.					
	7 If either SI16 or SI17 is present, then the other is required.					
	8 If either SI18 or SI19 is present, then the other is required.					
	9 If either SI20 or SI21 is present, then the other is required.					
Semantic Notes:						
Comments:	1 SI01 defines the source for each of the service characteristics					
•••••••	qualifiers.					
Notes:	SI*TI*TC*TC TO PRI (RE-38)					
110100.						

	Ref.	Data			
	Des.	Element	<u>Name</u>		
	<u>Attributes</u>				
М	SI01	559	Agency Qualifier Code	Μ	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
М	SI02	1000	Service Characteristics Qualifier	Μ	AN 2/2
			Code from an industry code list qualifying the type of service characteristics	/ice	
			TC Transfer Announcement Number		
М	SI03	234	Product/Service ID	Μ	AN 1/48
			Identifying number for a product or service		
			TC TO PRI (RE-38) = Transfer of Calls to Primary Number	۶r	

Segment:	N1 Name
Position:	5350
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the
	transaction processing party.
	2 N105 and N106 further define the type of entity in N101.
Notes:	N1*TT*TC NAME (RE-38b)
	Data Element Summary

Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	<u>Name</u>		
N101	98	Entity Identifier Code	М	ID 2/3
		an individual	nizational entity, a physical location, fer To	property or
N102	93	Name	Х	AN 1/60
		Free-form name		
		TC NAME (RE-38b) = Tra	ansfer of Calls to Name	

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes:	5800 N1 Detail Optional 12 To speci 1 At le 2 If eit 3 If eit	fy identifying information ast one of REF02 or REF03 is required. her C04003 or C04004 is present, then the other is required her C04005 or C04006 is present, then the other is required		
Semantic Notes: Comments:	1 REF	04 contains data relating to the value cited in REF02.		
Notes:	REF*55*	TCID (RE-38a)*PRI		
Ref.	Data	Data Element Summary		
<u>Des.</u> Attributes	<u>Element</u>	Name		
REF01	128	Reference Identification Qualifier	Μ	ID 2/3
		Code qualifying the Reference Identification55Sequence Number		
REF02	127	Reference Identification	Х	AN 1/30
		Reference information as defined for a particular Transact specified by the Reference Identification Qualifier TCID (RE-38a) = Transfer of Calls to Identifier	ion S	Set or as
REF03	352	Description	Х	AN 1/80
		A free-form description to clarify the related data elements	s and	d their

content "PRI"

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Segment:	SLN	Subline Item Detail	
Position:	4700		
Loop:	SLN	Optional	
Level:	Detail		
Usage:	Optional		
Max Use:	1		
Purpose:	To speci	fy product subline detail item data	
Syntax Notes:		ner SLN04 or SLN05 is present, then the other is required.	
		N07 is present, then SLN06 is required.	
		N08 is present, then SLN06 is required.	
		her SLN09 or SLN10 is present, then the other is required.	
		ner SLN11 or SLN12 is present, then the other is required. ner SLN13 or SLN14 is present, then the other is required.	
		her SLN15 or SLN16 is present, then the other is required.	
		her SLN17 or SLN18 is present, then the other is required.	
		her SLN19 or SLN20 is present, then the other is required.	
		ner SLN21 or SLN22 is present, then the other is required.	
		ner SLN23 or SLN24 is present, then the other is required.	
		ner SLN25 or SLN26 is present, then the other is required.	
		ner SLN27 or SLN28 is present, then the other is required.	
Semantic Notes:		01 is the identifying number for the subline item.	
		02 is the identifying number for the subline level. The subline is analogous to the level code used in a bill of materials.	
		D3 is the configuration code indicating the relationship of the	
		ne item to the baseline item.	
		08 is a code indicating the relationship of the price or amour	it to
		issociated segment.	
Comments:		the Data Element Dictionary for a complete list of IDs.	
		01 is related to (but not necessarily equivalent to) the baselir	
		number. Example: 1.1 or 1A might be used as a subline nu	nber
		ate to baseline number 1.	
		09 through SLN28 provide for ten different product/service ID	
		ach item. For example: Case, Color, Drawing No., U.P.C. N I No., Model No., or SKU.	J.,
Notes:		SEC*n*A*1*EA [SLN Loop may repeat]	
10105.			
		Data Element Summary	
Ref.	Data		
Des.	Element	Name	
<u>Attributes</u>			
I SLN01	350	Assigned Identification N	/I AN 1/20
		Alphanumeric characters assigned for differentiation within	a transaction
		set	
		"TCSEC"	
SLN02	350	Assigned Identification 0	
		Alphanumeric characters assigned for differentiation within	a transaction
		set	
		"n" = nth assigned ID within SLN loop	
I SLN03	662	Relationship Code	/ ID 1/1
		Code indicating the relationship between entities	
		A Add	
SLN04	380	Quantity >	( R 1/15
		Numeric value of quantity	

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			1 Always One	
	SLN05	C001	Composite Unit of Measure	Х
NA	C00404	255	To identify a composite unit of measure (See Fig examples of use)	
М	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	•
			2.1 2001	

Segment:	SI Service Characteristic Identification					
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.					
	2 If either SI06 or SI07 is present, then the other is required.					
	<b>3</b> If either SI08 or SI09 is present, then the other is required.					
	4 If either SI10 or SI11 is present, then the other is required.					
	5 If either SI12 or SI13 is present, then the other is required.					
	6 If either SI14 or SI15 is present, then the other is required.					
	7 If either SI16 or SI17 is present, then the other is required.					
	8 If either SI18 or SI19 is present, then the other is required.					
	9 If either SI20 or SI21 is present, then the other is required.					
Semantic Notes:						
Comments:	1 SI01 defines the source for each of the service characteristics					
	qualifiers.					
Notes:	SI*TI*TC*TC TO SEC (RE-39)					

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

Segment:	N1 Name
Position:	5350
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	<ol> <li>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.</li> <li>N105 and N106 further define the type of entity in N101.</li> </ol>
Notes:	2 N105 and N106 further define the type of entity in N101. N1*TT*TC NAME (RE-42)
10165.	

Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	Name	
N101	98	Entity Identifier Code	M ID 2/3
		Code identifying an organizational entity, a phy an individual TT Transfer To	ysical location, property or
N102	93	Name	X AN 1/60
		Free-form name	
		TC NAME (RE-42) = Transfer of Calls to Name	9

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes:	5800 N1 Detail Optional 12 To speci 1 At le 2 If eit 3 If eit	Reference Identification Optional fy identifying information ast one of REF02 or REF03 is required. her C04003 or C04004 is present, then the other is require her C04005 or C04006 is present, then the other is require		
Semantic Notes: Comments:		04 contains data relating to the value cited in REF02.		
Notes:	REF*55*	TCID (RE-41)*SEC		
		Data Element Summary		
Ref.	Data			
<u>Des.</u> Attributes	<u>Element</u>	<u>name</u>		
REF01	128	Reference Identification Qualifier	М	ID 2/3
		Code qualifying the Reference Identification		
		55 Sequence Number		
REF02	127	Reference Identification	Х	AN 1/30

specified by the Reference Identification Qualifier TCID (RE-41) = Transfer of Calls to Identifier

Reference information as defined for a particular Transaction Set or as

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

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REF03

352

Description

content "SEC" Х

AN 1/80

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes:	4700 SLN Detail Optional 1 To speci 1 If eitt 2 If SL 3 If SL 4 If eitt 5 If eitt 5 If eitt 6 If eitt 7 If eitt 10 If eitt 11 If eitt 12 If eitt 13 If eitt 1 SLN	Subline Item Detail         Optional         fy product subline detail item data         her SLN04 or SLN05 is present, then the other is required.         N07 is present, then SLN06 is required.         N08 is present, then SLN06 is required.         her SLN09 or SLN10 is present, then the other is required.         her SLN11 or SLN12 is present, then the other is required.         her SLN13 or SLN14 is present, then the other is required.         her SLN15 or SLN16 is present, then the other is required.         her SLN17 or SLN18 is present, then the other is required.         her SLN19 or SLN20 is present, then the other is required.         her SLN20 or SLN20 is present, then the other is required.         her SLN21 or SLN22 is present, then the other is required.         her SLN21 or SLN22 is present, then the other is required.         her SLN23 or SLN24 is present, then the other is required.         her SLN25 or SLN26 is present, then the other is required.         her SLN27 or SLN28 is present, then the other is required.         her SLN27 or SLN28 is present, then the other is required.         her SLN27 or SLN28 is present, then the other is required.         her SLN27 or SLN28 is present, then the other is required.         her SLN27 or SLN28 is present, then the other is required.         her SLN27 or SLN28 is present.         her SLN27 or SLN28 is present. <th></th> <th></th>		
Comments:	level 3 SLN subli 4 SLN the a	is analogous to the level code used in a bill of materials. D3 is the configuration code indicating the relationship of th ne item to the baseline item. D8 is a code indicating the relationship of the price or amount associated segment. the Data Element Dictionary for a complete list of IDs.	е	1
	<ul> <li>2 SLN</li> <li>item</li> <li>to re</li> <li>3 SLN</li> <li>for e</li> </ul>	01 is related to (but not necessarily equivalent to) the base number. Example: 1.1 or 1A might be used as a subline n late to baseline number 1. 09 through SLN28 provide for ten different product/service II ach item. For example: Case, Color, Drawing No., U.P.C. I I No., Model No., or SKU.	umbe Ds	er
Notes:		n*A*IWJQ (RE-49)*EA****EQ*IWJK (RE-48) [SLN Loop m iring pair]	ay re	peat per
Ref. <u>Des.</u> Attributos	Data <u>Element</u>	Data Element Summary <u>Name</u>		
<u>Attributes</u> M SLN01	350	Assigned Identification Alphanumeric characters assigned for differentiation within set "IW"	M n a tra	AN 1/20 ansaction
SLN02	350	Assigned Identification	0	AN 1/20
	-	Alphanumeric characters assigned for differentiation within set "n" = nth assigned ID within SLN loop	n a tra	
M SLN03	662	Relationship CodeCode indicating the relationship between entitiesAAdd	М	ID 1/1
SLN04	380	Quantity	Х	R 1/15

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М

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			Numeric value of quantity		
		IWJQ (RE-49) = Inside Wire Jack Quantity			
	SLN05	C001	Composite Unit of Measure	Х	
			To identify a composite unit of measure (See Figures A examples of use)	Append	dix for
Μ	C00101	355	Unit or Basis for Measurement Code	Μ	ID 2/2
		Code specifying the units in which a value is being expl manner in which a measurement has been taken EA Each	ressed	, or	
	SLN09	235	Product/Service ID Qualifier	Х	ID 2/2
			Code identifying the type/source of the descriptive numl Product/Service ID (234) EQ Equipment Type	ber us	ed in
	SLN10 23	234	Product/Service ID	Х	AN 1/48
		Identifying number for a product or service			
			IWJK (RE-48) = Inside Wire Jack Code		

Segment:	SLN	Subline Item Detail		
Position:	4700			
Loop:	SLN	Optional		
Level:	Detail	optional		
Usage:	Optional			
Max Use:	1			
Purpose:	To speci	fy product subline detail item data		
Syntax Notes:		ner SLN04 or SLN05 is present, then the other is required.		
		N07 is present, then SLN06 is required.		
		N08 is present, then SLN06 is required.		
		ner SLN09 or SLN10 is present, then the other is required. ner SLN11 or SLN12 is present, then the other is required.		
		her SLN13 or SLN14 is present, then the other is required.		
		her SLN15 or SLN16 is present, then the other is required.		
		ner SLN17 or SLN18 is present, then the other is required.		
		ner SLN19 or SLN20 is present, then the other is required.		
		ner SLN21 or SLN22 is present, then the other is required.		
		her SLN23 or SLN24 is present, then the other is required.		
		her SLN25 or SLN26 is present, then the other is required.		
Semantic Notes:		ner SLN27 or SLN28 is present, then the other is required. 01 is the identifying number for the subline item.		
demantio Notes.		02 is the identifying number for the subline level. The subline	Э	
		is analogous to the level code used in a bill of materials.		
		03 is the configuration code indicating the relationship of the	;	
		ne item to the baseline item.		
		08 is a code indicating the relationship of the price or amou associated segment.	nt to	)
Comments:		the Data Element Dictionary for a complete list of IDs.		
		01 is related to (but not necessarily equivalent to) the baseli	ne	
	item	number. Example: 1.1 or 1A might be used as a subline nu	mbe	er
		late to baseline number 1.		
		09 through SLN28 provide for ten different product/service IE		
		ach item. For example: Case, Color, Drawing No., U.P.C. N I No., Model No., or SKU.	10.,	
Notes:		n*A*1*EA		
		Data Element Summany		
Ref.	Data	Data Element Summary		
Des.	<u>Element</u>	Name		
Attributes				
I SLN01	350	Assigned Identification	М	AN 1/20
		Alphanumeric characters assigned for differentiation within	a tr	ansaction
		set		
<b>•</b> • • • •		"BL"		
SLN02	350		0	AN 1/20
		Alphanumeric characters assigned for differentiation within	a tr	ansaction
		set "n" = nth assigned ID within SLN loop		
I SLN03	662		м	ID 1/1
	502	Code indicating the relationship between entities	41	
		A Add		
SLN04	380		х	R 1/15
JLINU4	500	Numeric value of quantity	73	N 1715

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Μ

М

			1 Always One	
	SLN05	C001	Composite Unit of Measure	X
			To identify a composite unit of measure (See Fi examples of use)	igures Appendix for
М	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 taker EA Each	

Segment:	SI Service Characteristic Identification
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.
	2 If either SI06 or SI07 is present, then the other is required.
	<b>3</b> If either SI08 or SI09 is present, then the other is required.
	4 If either SI10 or SI11 is present, then the other is required.
	5 If either SI12 or SI13 is present, then the other is required.
	6 If either SI14 or SI15 is present, then the other is required.
	7 If either SI16 or SI17 is present, then the other is required.
	8 If either SI18 or SI19 is present, then the other is required.
	9 If either SI20 or SI21 is present, then the other is required.
Semantic Notes:	
Comments:	1 SI01 defines the source for each of the service characteristics
	qualifiers.
Notes:	SI*TI*BB*BA (RE-54)*TB*BLOCK (RE-55)

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

Segment:	SLN	Subline Item Detail
Position:	4700	
Loop:	SLN	Optional
Level:	Detail	·
Usage:	Optional	
Max Use:	1	· · · · · · · · · · · · · · · · · · ·
Purpose:	•	fy product subline detail item data
Syntax Notes:		her SLN04 or SLN05 is present, then the other is required. N07 is present, then SLN06 is required.
		N08 is present, then SLN06 is required.
		her SLN09 or SLN10 is present, then the other is required.
		her SLN11 or SLN12 is present, then the other is required.
		her SLN13 or SLN14 is present, then the other is required.
		her SLN15 or SLN16 is present, then the other is required.
		her SLN17 or SLN18 is present, then the other is required.
		her SLN19 or SLN20 is present, then the other is required. her SLN21 or SLN22 is present, then the other is required.
		her SLN23 or SLN24 is present, then the other is required.
		her SLN25 or SLN26 is present, then the other is required.
		her SLN27 or SLN28 is present, then the other is required.
Semantic Notes:		01 is the identifying number for the subline item.
		02 is the identifying number for the subline level. The subline
		is analogous to the level code used in a bill of materials.
		03 is the configuration code indicating the relationship of the ne item to the baseline item.
		08 is a code indicating the relationship of the price or amount to
		associated segment.
Comments:	1 See	the Data Element Dictionary for a complete list of IDs.
		01 is related to (but not necessarily equivalent to) the baseline
		number. Example: 1.1 or 1A might be used as a subline number
		late to baseline number 1. 09 through SLN28 provide for ten different product/service IDs
		ach item. For example: Case, Color, Drawing No., U.P.C. No.,
		No., Model No., or SKU.
Notes:		n*A*1*EA [SLN Loop may repeat per FA/FEATURE pair]
Ref.	Data	Data Element Summary
Des.	Element	Name
<u>Attributes</u>		
I SLN01	350	Assigned Identification M AN 1/20
		Alphanumeric characters assigned for differentiation within a transaction
		set
<b></b>		"FA"
SLN02	350	Assigned Identification O AN 1/20
		Alphanumeric characters assigned for differentiation within a transaction

М

SLN03

SLN04

М

"n" = nth assigned ID within SLN loop

Code indicating the relationship between entities

Add

Μ

ID 1/1

X R 1/15

set

А

Quantity

**Relationship Code** 

Numeric value of quantity

662

380

			1 Always One			
	SLN05	C001	Composite Unit of Measure	Х		
	C00101	255	To identify a composite unit of measure (See Fig examples of use)			
Μ	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			

Segment:	SI Service Characteristic Identification		
Position:	4800		
Loop:	SLN Optional		
Level:	Detail		
Usage:	Optional		
Max Use:	>1		
Purpose:	To specify service characteristic data		
Syntax Notes:	<ol> <li>If either SI04 or SI05 is present, then the other is required.</li> <li>If either SI06 or SI07 is present, then the other is required.</li> <li>If either SI08 or SI09 is present, then the other is required.</li> <li>If either SI10 or SI11 is present, then the other is required.</li> <li>If either SI12 or SI13 is present, then the other is required.</li> <li>If either SI14 or SI15 is present, then the other is required.</li> <li>If either SI16 or SI17 is present, then the other is required.</li> <li>If either SI16 or SI17 is present, then the other is required.</li> <li>If either SI18 or SI19 is present, then the other is required.</li> <li>If either SI18 or SI19 is present, then the other is required.</li> </ol>		
Semantic Notes:			
Comments:	1 SI01 defines the source for each of the service characteristics qualifiers.		
Notes:	SI*TI*SA*FA (RE-58)*SC*FEATURE (RE-59) SI*TI*FD*FEATURE DETAIL (RE-60) [SI Segment may repeat]		

		Data Element Sum	ina y		
Ref.	Data Elomont	Namo			
		<u>Name</u>			
SI01	559	Agency Qualifier Cod	le	Μ	ID 2/2
		Code identifying the ag	ency assigning the code values		
		TI Tele	ecommunications Industry		
SI02	1000	Service Characteristics Qualifier		Μ	AN 2/2
		characteristics		ce	
		SA Ser	vice Activity		
SI03	234	Product/Service ID		Μ	AN 1/48
		Identifying number for a	a product or service		
		FA (RE-58) = Feature Activity A = (DWS: N- Add) CF = (DWS: C-Change (old values)) D = (DWS: D-Disconnect) V = (DWS: V-Conversion As Specified) CT = (DWS: T-Change (new values)) W = (DWS: W-Conversion As Is)			
010.4	1000		,	V	
S104	1000	Code from an industry characteristics	code list qualifying the type of servi	~	AN 2/2
SI05	234	Product/Service ID		Х	AN 1/48
		Identifying number for a	a product or service		
		FEATURE (RE-59) = Fe	eature Codes		
	Des. Attributes SI01 SI02 SI03 SI03	Des. Attributes SI01Element 559SI021000SI03234SI041000	Ref. Des. AttributesData ElementNameAttributes559Agency Qualifier Code Code identifying the ag TITeleSl01559Agency Qualifier Code Code identifying the ag TITeleSl021000Service Characteristic Code from an industry of characteristicsFDSl03234Product/Service ID Identifying number for at FA (RE-58) = Feature of A = (DWS: N-Add) CF = (DWS: C-Chang D = (DWS: V-Conver CT = (DWS: V-Conver CT = (DWS: V-Conver CT = (DWS: W-Conver CT = (DWS: W-Conver 	Ref.       Data Element       Name         Attributes       559       Agency Qualifier Code Code identifying the agency assigning the code values TI       Telecommunications Industry         SI02       1000       Service Characteristics Qualifier Code from an industry code list qualifying the type of servic characteristics         FD       Feature Data SA       Service Activity         SI03       234       Product/Service ID Identifying number for a product or service         FA (RE-58) = Feature Activity A = (DWS: N- Add) CF = (DWS: C-Change (old values)) D = (DWS: V-Conversion As Specified) CT = (DWS: V-Conversion As Specified) CT = (DWS: W-Conversion As Is)         SI04       1000       Service Characteristics Qualifier Code from an industry code list qualifying the type of servic characteristics         SI04       1000       Service Characteristics Qualifier Code from an industry code list qualifying the type of servic characteristics	Ref.       Data         Des       Element       Name         Attributes       559       Agency Qualifier Code       M         Sl01       559       Agency Qualifier Code       M         Code identifying the agency assigning the code values       T       Telecommunications Industry         Sl02       1000       Service Characteristics Qualifier       M         Code from an industry code list qualifying the type of service characteristics       FD       Feature Data         SA       Service Activity       M         Identifying number for a product or service       FA (RE-58) = Feature Activity       M         Identifying number for a product or service       FA (RE-58) = Feature Activity       A = (DWS: N-Add)         CF = (DWS: C-Change (old values)))       D = (DWS: V-Conversion As Specified)       CT = (DWS: V-Conversion As Is)         V = (DWS: V-Conversion As Is)       W = (DWS: W-Conversion As Is)       FEATURE DETALL (RE-60) = Feature Detail         SI04       1000       Service Characteristics Qualifier       X         Code from an industry code list qualifying the type of service characteristics       SC       Service Category         SI05       234       Product/Service ID       X         Identifying number for a product or service       X

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 is required.			
	4 If either PO108 or PO109 is present, then the other is required.			
	5 If either PO110 or PO111 is present, then the other is required.			
	6 If either PO112 or PO113 is present, then the other is required.			
	7 If either PO114 or PO115 is present, then the other is required.			
	8 If either PO116 or PO117 is present, then the other is required.			
	<b>9</b> 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.			
	<b>12</b> 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.			
	<b>2</b> 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]			
	Data Element Summary			
Ref.	Data			

#### Г**У**

Ref.	Data					
Des.	<u>Element</u>	<u>Name</u>				
<u>Attributes</u>						
PO101	350	Assigned Identification	0	AN 1/20		
		Alphanumeric characters assigned for differentiation within a transaction set				
		"n" = nth assigned ID within PO1 loop.				
PO102	330	Quantity Ordered	Х	R 1/15		
		Quantity ordered				
		1 Always One				
PO103	355	Unit or Basis for Measurement Code	0	ID 2/2		
		Code specifying the units in which a value is being express manner in which a measurement has been taken EA Each	sed,	or		
PO106	235	Product/Service ID Qualifier	Χ	ID 2/2		
		Code identifying the type/source of the descriptive number Product/Service ID (234) ZZ Mutually Defined	r use	ed in		
PO107	234	Product/Service ID	Χ	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:	<ol> <li>If either SI04 or SI05 is present, then the other is required.</li> <li>If either SI06 or SI07 is present, then the other is required.</li> <li>If either SI08 or SI09 is present, then the other is required.</li> <li>If either SI10 or SI11 is present, then the other is required.</li> <li>If either SI12 or SI13 is present, then the other is required.</li> <li>If either SI14 or SI15 is present, then the other is required.</li> <li>If either SI16 or SI17 is present, then the other is required.</li> <li>If either SI18 or SI19 is present, then the other is required.</li> <li>If either SI18 or SI19 is present, then the other is required.</li> <li>If either SI20 or SI21 is present, then the other is required.</li> </ol>
Semantic Notes:	
Comments:	1 SI01 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**

			Data Eleme	ent Summary		
	Ref.	Data				
	Des.	Element	Name			
	Attributes					
Μ	SI01	559	Agency Qual	ifier Code	Μ	ID 2/2
			Code identifyir	ng the agency assigning the code values		
			TI	Telecommunications Industry		
Μ	SI02	1000	Service Char	acteristics Qualifier	Μ	AN 2/2
			Code from an characteristics	industry code list qualifying the type of so	ervice	
			SA	Service Activity		
			SF	Service Feature/Option		
			SG	Service Group		
Μ	SI03	234	Product/Serv	ice ID	Μ	AN 1/48
			Identifying nun	nber for a product or service		
			A = (DWS: 1 C = (DWS: 1 D = (DWS: 1 V = (DWS: 1 HNTYP (LSR-1	C-Change) D-Remove) V-Conversion As Specified) 116) = Hunting Type Code		
				DWS: 4-Multi-Line) DWS: 5-Regular/Series)		
				= Hunt Group Identifier		

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	1000 PO1 Detail Optional >1 To speci 1 At le 2 If eit 3 If eitt 1 REF	Reference Identification Mandatory fy identifying information ast one of REF02 or REF03 is required. her C04003 or C04004 is present, then the other is required her C04005 or C04006 is present, then the other is required of contains data relating to the value cited in REF02.		
Ref. <u>Des.</u>	Data <u>Element</u>	Data Element Summary		
<u>Attributes</u> I REF01	128	Reference Identification QualifierCode qualifying the Reference IdentificationIXItem Number	М	ID 2/3
REF02	127	Reference Identification Reference information as defined for a particular Transacti specified by the Reference Identification Qualifier HNUM (LSR-110) = Hunt Number LOCNUM (LSR-109) = Location Number	X on S	AN 1/30 Set or as
REF03	352	Description A free-form description to clarify the related data elements content "HNUM"	X and	AN 1/80 d their

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Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments:	4700 SLN Detail Optional 1 To speci 1 If eitt 2 If SL 3 If SL 4 If eitt 5 If eitt 6 If eitt 10 If eitt 11 If eitt 12 If eitt 13 If eitt 13 If eitt 14 SLN 2 SLN 15	Subline Item Detail Optional fy product subline detail item data ner SLN04 or SLN05 is present, then the other is required. N07 is present, then SLN06 is required. N08 is present, then SLN06 is required. ner SLN09 or SLN10 is present, then the other is required. ner SLN11 or SLN12 is present, then the other is required. ner SLN15 or SLN16 is present, then the other is required. ner SLN19 or SLN20 is present, then the other is required. ner SLN19 or SLN20 is present, then the other is required. ner SLN21 or SLN22 is present, then the other is required. ner SLN21 or SLN22 is present, then the other is required. ner SLN23 or SLN24 is present, then the other is required. ner SLN25 or SLN26 is present, then the other is required. ner SLN27 or SLN28 is present, then the other is required. ner SLN27 or SLN28 is present, then the other is required. ner SLN25 or SLN26 is present, then the other is required. ner SLN27 or SLN28 is present, then the other is required. N01 is the identifying number for the subline item. N02 is the configuration code indicating the relationship of the ne item to the baseline item. N03 is the configuration code indicating the relationship of the ne item to the baseline item. N04 is a code indicating the relationship of the price or amound associated segment. The Data Element Dictionary for a complete list of IDs. N01 is related to (but not necessarily equivalent to) the base number. Example: 1.1 or 1A might be used as a subline model ate to baseline number 1. N05 through SLN28 provide for ten different product/service II ach item. For example: Case, Color, Drawing No., U.P.C. I No., Model No., or SKU. T*n*A*1*EA	e unt to line umbe Ds	
Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>			
1 SLN01	350	Assigned Identification Alphanumeric characters assigned for differentiation within set	M natr	AN 1/20 ransaction
SLN02	350	"HNT" Assigned Identification Alphanumeric characters assigned for differentiation within set	<b>O</b> n a tr	AN 1/20 ransaction
		"n" = nth assigned ID within SLN loop		
1 SLN03	662	Relationship Code         Code indicating the relationship between entities         A       Add	М	ID 1/1
SLN04	380	<b>Quantity</b> Numeric value of quantity	X	R 1/15

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Μ

			1 Always One	
	SLN05	C001	Composite Unit of Measure	X
	000404	055	To identify a composite unit of measure (See Fi examples of use)	
Μ	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 taker EA Each	<b>u</b>

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:	<ol> <li>At least one of N902 or N903 is required.</li> <li>If N906 is present, then N905 is required.</li> <li>If either C04003 or C04004 is present, then the other is required.</li> <li>If either C04005 or C04006 is present, then the other is required.</li> </ol>
Semantic Notes:	<ol> <li>N906 reflects the time zone which the time reflects.</li> <li>N907 contains data relating to the value cited in N902.</li> </ol>
Comments:	<b>č</b>
Notes:	N9*55*HTSEQ
Def	Data Element Summary

	Name		
128	Reference Identification Qualifier	М	ID 2/3
	Code qualifying the Reference Identification		
	55 Sequence Number		
127	Reference Identification	Х	AN 1/30
	specified by the Reference Identification Qualifier	ansaction	Set or as
		Code qualifying the Reference Identification 55 Sequence Number 127 Reference Identification Reference information as defined for a particular Tra	Code qualifying the Reference Identification 55 Sequence Number <b>127 Reference Identification</b> X Reference information as defined for a particular Transaction S specified by the Reference Identification Qualifier

Segment:	MTX Text
Position:	5250
Loop:	N9 Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify textual data
Syntax Notes:	<ol> <li>If MTX01 is present, then MTX02 is required.</li> <li>If MTX03 is present, then MTX02 is required.</li> <li>If MTX05 is present, then MTX04 is required.</li> </ol>
Semantic Notes:	1 MTX05 is the number of lines to advance before printing.
Comments:	<ol> <li>If MTX04 is "AA - Advance the specific number of lines before print", then MTX05 is required.</li> </ol>
Notes:	MTX**HTSEQ (LSR-118)
Ref.	Data Element Summary Data
IVEI.	

Des.	<u>Element</u>	<u>Name</u>		
<u>Attributes</u>				
MTX02	1551	Message Text	Х	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.
	<b>3</b> If either PO106 or PO107 is present, then the other is required.
	4 If either PO108 or PO109 is present, then the other is required.
	5 If either PO110 or PO111 is present, then the other is required.
	6 If either PO112 or PO113 is present, then the other is required.
	7 If either PO114 or PO115 is present, then the other is required.
	8 If either PO116 or PO117 is present, then the other is required.
	<b>9</b> 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.
	<b>11</b> If either PO122 or PO123 is present, then the other is required.
	<b>12</b> If either PO124 or PO125 is present, then the other is required.
Semantic Notes:	
Comments:	<ol> <li>See the Data Element Dictionary for a complete list of IDs.</li> </ol>
	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*ML [If this segment appears, HNTYP (LSR-116) = 4]
10103.	
	Data Element Summary
Pof	Data

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 t	ransaction
		"n" = nth assigned ID within PO1 loop.		
PO102	330	Quantity Ordered	Х	R 1/15
		Quantity ordered		
		1 Always One		
PO103	355	Unit or Basis for Measurement Code	0	ID 2/2
		Code specifying the units in which a value is being express manner in which a measurement has been taken EA Each	sed,	or
PO106	235	Product/Service ID Qualifier	Х	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	Χ	AN 1/48
		Identifying number for a product or service		
		"ML"		

	0	SI a	ervice Characteris	(in the stifter the s		
	Segment:		ervice Characteris	tic identification		
	Position:	0180	Manalatan			
	Loop: Level:	PO1 Detail	Mandatory			
	Usage:	Optional				
	Max Use:	>1				
	Purpose:		ify service characte	ristic data		
5	Syntax Notes:	•	-	present, then the other is required.		
	,,			present, then the other is required.		
				present, then the other is required.		
		4 If eit	her SI10 or SI11 is	present, then the other is required.		
		5 If eit	her SI12 or SI13 is	present, then the other is required.		
		6 If eit	her SI14 or SI15 is	present, then the other is required.		
				present, then the other is required.		
				present, then the other is required.		
-		9 If eit	her SI20 or SI21 is	present, then the other is required.		
Ser	mantic Notes:					
	Comments:			e for each of the service characteristics		
	Nataa		ifiers.			
	Notes:		*HA (LSR-112) }*HID (LSR-113)			
			*HNTYP (LSR-116)			
			(LSR-115)			
		_	Data Element	Summary		
	Ref.	Data	N			
	<u>Des.</u>	<u>Element</u>	<u>name</u>			
М	<u>Attributes</u> SI01	559	Agency Qualifier	Code	М	ID 2/2
			Code identifying th	ne agency assigning the code values		
			TI	Telecommunications Industry		
М	SI02	1000	Service Characte	•	м	AN 2/2
			Code from an indu	istry code list qualifying the type of serv	/ice	
			characteristics		100	
			SA	Service Activity		
			SF	Service Feature/Option		
			SG	Service Group		
				·		
	0100	004	TQ	Telephone Line Identifier		
М	SI03	234	Product/Service	טו	М	AN 1/48

Identifying number for a product or service HA (LSR-112) = Hunt Group Activity

V = (DWS: V-Conversion As Specified)

HNTYP (LSR-116) = Hunting Type Code HTY004 = (DWS: 4-Multi-Line) HTY003 = (DWS: 5-Regular/Series)

HID (LSR-113) = Hunt Group Identifier TLI (LSR-115) = Telephone Line Identifier

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

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	1000 PO1 Detail Optional >1 To speci 1 At le 2 If eitl 3 If eitl 1 REF	Reference Identification Mandatory fy identifying information ast one of REF02 or REF03 is required. her C04003 or C04004 is present, then the other is required her C04005 or C04006 is present, then the other is required 04 contains data relating to the value cited in REF02.		
	REF*IX*I	LOCNUM (LSR-109)*LOCNUM		
Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Data Element Summary <u>Name</u>		
M REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification	М	ID 2/3
REF02	127	IX Item Number <b>Reference Identification</b> Reference information as defined for a particular Transacti specified by the Reference Identification Qualifier HNUM (LSR-110) = Hunt Number	X on S	AN 1/30 Set or as
REF03	352	LOCNUM (LSR-110) = Hult Number LOCNUM (LSR-109) = Location Number Description A free-form description to clarify the related data elements content "HNUM" "LOCNUM"	X and	<b>AN 1/80</b> d their

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Segment:	SLN	Subline Item Detail	
Position:	4700		
Loop:	SLN	Optional	
Level:	Detail	optional	
Usage:	Optional		
Max Use:	1		
Purpose:	To speci	fy product subline detail item data	
Syntax Notes:		her SLN04 or SLN05 is present, then the other is required.	
		N07 is present, then SLN06 is required.	
		N08 is present, then SLN06 is required.	
		her SLN09 or SLN10 is present, then the other is required. her SLN11 or SLN12 is present, then the other is required.	
		her SLN13 or SLN14 is present, then the other is required.	
		her SLN15 or SLN16 is present, then the other is required.	
		her SLN17 or SLN18 is present, then the other is required.	
		her SLN19 or SLN20 is present, then the other is required.	
		her SLN21 or SLN22 is present, then the other is required.	
		her SLN23 or SLN24 is present, then the other is required.	
		her SLN25 or SLN26 is present, then the other is required. her SLN27 or SLN28 is present, then the other is required.	
Semantic Notes:		01 is the identifying number for the subline item.	
		02 is the identifying number for the subline level. The subline	
		is analogous to the level code used in a bill of materials.	
		03 is the configuration code indicating the relationship of the	
		ine item to the baseline item.	t to
		08 is a code indicating the relationship of the price or amoun associated segment.	
Comments:		the Data Element Dictionary for a complete list of IDs.	
		01 is related to (but not necessarily equivalent to) the baselin	IE
		number. Example: 1.1 or 1A might be used as a subline num	nber
		late to baseline number 1.	_
		09 through SLN28 provide for ten different product/service IDs ach item. For example: Case, Color, Drawing No., U.P.C. No	
		No., Model No., or SKU.	<i>,</i> ,
Notes:		NT*n*A*1*EA	
		Data Element Summary	
Ref.	Data	Data Lionione Gammary	
Des.	Element	Name	
<u>Attributes</u>			
I SLN01	350	Assigned Identification M	
		Alphanumeric characters assigned for differentiation within a	a transaction
SLN02	350	"MHNT" Assigned Identification C	O AN 1/20
3LINUZ	330	-	
		Alphanumeric characters assigned for differentiation within a set	
		"n" = nth assigned ID within SLN loop	
I SLN03	662	Relationship Code M	I ID 1/1
		Code indicating the relationship between entities	
		A Add	
SLN04	380	Quantity X	R 1/15
		Numeric value of quantity	

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			1 Always One	
	SLN05	C001	Composite Unit of Measure	Х
	C00101	255	To identify a composite unit of measure (See Fig examples of use)	
Μ	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	g expressed, or
			EA Eacli	

Segment:	N9 Reference Identification
Position:	5230
Loop:	N9 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To transmit identifying information as specified by the Reference
	Identification Qualifier
Syntax Notes:	1 At least one of N902 or N903 is required.
	2 If N906 is present, then N905 is required.
	3 If either C04003 or C04004 is present, then the other is required.
	4 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 N906 reflects the time zone which the time reflects.
	2 N907 contains data relating to the value cited in N902.
Comments:	·
Notes:	N9*55*HTSEQ
	Data Element Summary
Pof	Data

Ref. <u>Des.</u> Attributes	Data <u>Element</u>				
N901	128	Referen	ce Identification Qualifier	Μ	ID 2/3
		Code qua	alifying the Reference Identification		
		55	Sequence Number		
N902	127	Referen	ce Identification	Х	AN 1/30
			e information as defined for a particular Transac by the Reference Identification Qualifier	tion S	Set or as
		"HTSEQ	n		

Segment:	MTX Text		
Position:	5250		
Loop:	N9 Optional		
Level:	Detail		
Usage:	Optional		
Max Use:	>1		
Purpose:	To specify textual data		
Syntax Notes:	<ol> <li>If MTX01 is present, then MTX02 is required.</li> </ol>		
	2 If MTX03 is present, then MTX02 is required.		
	<b>3</b> If MTX05 is present, then MTX04 is required.		
Semantic Notes:	<ol> <li>MTX05 is the number of lines to advance before printing.</li> </ol>		
Comments:	<ol> <li>If MTX04 is "AA - Advance the specific number of lines before p then MTX05 is required.</li> </ol>	orint"	,
Notes:	MTX**HTSEQ (LSR-118)		
	Data Element Summary		
Ref.	Data		
Des.	<u>Element</u> <u>Name</u>		
<u>Attributes</u>			
MTX02	1551 Message Text	Х	AN 1/4096

To transmit large volumes of message text HTSEQ (LSR-118) = Hunting Sequence

Segment:	<b>PO1</b> Baseline Item Data - DL Form (Delivery	
Segment.		
Position:	Address/Information Section) 0100	
Loop:	PO1 Mandatory	
Level:	Detail	
Usage: Max Use:	Mandatory	
Purpose:	1 To provide heats and most frequently used line item date	
Syntax Notes:	To specify basic and most frequently used line item data <b>1</b> If PO103 is present, then PO102 is required.	
Syntax Notes.	<ul><li>2 If PO105 is present, then PO104 is required.</li></ul>	
	3 If either PO106 or PO107 is present, then the other is required.	
	<ul><li>4 If either PO108 or PO109 is present, then the other is required.</li></ul>	
	5 If either PO110 or PO111 is present, then the other is required.	
	6 If either PO112 or PO113 is present, then the other is required.	
	7 If either PO114 or PO115 is present, then the other is required.	
	8 If either PO116 or PO117 is present, then the other is required.	
	9 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:	<ol> <li>See the Data Element Dictionary for a complete list of IDs.</li> </ol>	
	<b>2</b> 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.,	
Notoo	ISBN No., Model No., or SKU.	
Notes:	PO1*n*1*EA***ZZ*DA [PO1 Loop repeats DDQTY (DL-23) times]	
	Data Element Summary	
Ref.	Data	
Des.	<u>Element</u> Name	
<u>Attributes</u>		
PO101	350 Assigned Identification O AN 1/20	
	Alphanumeric characters assigned for differentiation within a transaction	
	set	_

		set		
		"n" = nth assigned ID within PO1 loop		
PO102	330	Quantity Ordered	Х	R 1/15
		Quantity ordered		
		1 Always One		
PO103	355	Unit or Basis for Measurement Code	0	ID 2/2
		Code specifying the units in which a value is being exp manner in which a measurement has been taken EA Each	ressec	l, or
PO106	235	Product/Service ID Qualifier	Х	ID 2/2
		Code identifying the type/source of the descriptive num Product/Service ID (234) ZZ Mutually Defined	ber us	ed in
PO107	234	Product/Service ID	Х	AN 1/48
		Identifying number for a product or service		
		"DA"		

Segment:	SI Service Characteristic Identification
Position: Loop:	0180 PO1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	<ol> <li>If either SI04 or SI05 is present, then the other is required.</li> <li>If either SI06 or SI07 is present, then the other is required.</li> <li>If either SI08 or SI09 is present, then the other is required.</li> <li>If either SI10 or SI11 is present, then the other is required.</li> <li>If either SI12 or SI13 is present, then the other is required.</li> <li>If either SI14 or SI15 is present, then the other is required.</li> <li>If either SI16 or SI17 is present, then the other is required.</li> <li>If either SI16 or SI17 is present, then the other is required.</li> <li>If either SI18 or SI19 is present, then the other is required.</li> <li>If either SI18 or SI19 is present, then the other is required.</li> </ol>
Semantic Notes:	<b>9</b> If either SI20 or SI21 is present, then the other is required.
Comments:	1 SI01 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>	Name		
м	SI01	559	Agency Qualifier Code	М	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
М	SI02	1000	Service Characteristics Qualifier	Μ	AN 2/2
			Code from an industry code list qualifying the type of service characteristics	ice	
			AD Address Activity		
М	SI03	234	Product/Service ID	Μ	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

**Data Element Summary** Ref. Data Element Name Des. **Attributes** М QTY01 673 **Quantity Qualifier** ID 2/2 Μ Code specifying the type of quantity 31 Additional Demand Quantity **QTY02** 380 Quantity Х R 1/15 Numeric value of quantity DIRQTYA (DL-103) = Number of Directories for Annual Delivery C001 QTY03 **Composite Unit of Measure** Ο To identify a composite unit of measure (See Figures Appendix for examples of use) Μ C00101 355 Unit or Basis for Measurement Code Μ ID 2/2 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:	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>		
М	QTY01	673	Quantity Qualifier	М	ID 2/2
			Code specifying the type of quantity		
			38 Original Quantity		
	QTY02	380	Quantity	Х	R 1/15
			Numeric value of quantity		
			DIRQTYNC (DL-104) = Number of Directories Delivered Connect	on Nev	N
	QTY03	C001	Composite Unit of Measure	0	
			To identify a composite unit of measure (See Figures , examples of use)	Append	ix for
М	C00101	355	Unit or Basis for Measurement Code	М	ID 2/2
			Code specifying the units in which a value is being exp manner in which a measurement has been taken DY Directory Books Number of directory books delivere		

Segment:	N1 Name
Position:	3500
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.
-	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	<ol> <li>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.</li> <li>N105 and N106 further define the type of entity in N101.</li> </ol>
Notes:	N1*DA*DELNAME
	Data Element Summary

Data				
<u>Element</u>	<u>Name</u>			
98	Entity Identifie	r Code	М	ID 2/3
	an individual		al location,	property or
	DA	Delivery Address		
93	Name		Х	AN 1/60
	Free-form name			
	"DELNAME"			
	<u>Element</u> 98	ElementName98Entity IdentifierCode identifying an individual DA93Name Free-form name	Element       Name         98       Entity Identifier Code         Code identifying an organizational entity, a physic an individual         DA       Delivery Address         93       Name         Free-form name	Element       Name         98       Entity Identifier Code       M         Code identifying an organizational entity, a physical location, an individual DA       Delivery Address         93       Name       X         Free-form name       X

Segment:	N4 a	Geographic Location		
Position:	3800			
Loop:		Optional		
Level:	Detail			
Usage:	Optional			
Max Use:	1			
Purpose:	•	fy the geographic place of the named party		
Syntax Notes:		one of N402 or N407 may be present.		
		106 is present, then N405 is required.		
	3 If N4	07 is present, then N404 is required.		
Semantic Notes:				
Comments:		mbination of either N401 through N404, or N405 and N406	may	1
		dequate to specify a location.		
Nataa		2 is required only if city name (N401) is in the U.S. or Cana	da.	
Notes:	N4""STA	.TE (DL-99)*ZIP (DL-100)		
D.(	Data	Data Element Summary		
Ref.	Data	Nome		
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
<u>Attributes</u> N402	156	State or Province Code	x	ID 2/2
11402	150		~	
		Code (Standard State/Province) as defined by appropriate	gove	ernment
		agency		
		STATE (DL-99) = State/Province	_	
N403	116	Postal Code	0	ID 3/15
		Code defining international postal zone code excluding publication blanks (zip code for United States)	nctu	ation and
		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: Notes: NX2*01*DDANO (DL-85) NX2*02*DDASN (DL-88)

NX2*01*DDANO (DL-85) NX2*02*DDASN (DL-88) NX2*03*DDASD (DL-87) NX2*07*CITY (DL-98) NX2*18*DDALO (DL-90a) NX2*40*DDASS (DL-90) NX2*59*DDAPR (DL-84) NX2*61*DDASF (DL-86) NX2*62*DDATH (DL-89)

	Ref.	Data		· ······		
	Des.	Element	<u>Name</u>			
М	Attributes NX201	1106	Address Compor	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		
Μ	NX202	166	Address Informat	ion	М	AN 1/55
			Address informatio	n		
			DDANO (DL-85) =	Delivery Address Number		
			DDASN (DL-88) =	Delivery Address Street Name		
				Delivery Address Street Directional Pre	efix	
			CITY (DL-98) = Cit	•		
				Delivery Address Location	<i>u</i> :	
			. ,	Delivery Address Street Directional Su Delivery Address Number Prefix	IIIX	
			. ,	Delivery Address Number Suffix		
				Delivery Address Street Type		

Segment:	PO1 Baseline Item Data - DL Form (Service Details Section)
Position:	0100
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Mandatory
Max Use:	1
Purpose:	To specify basic and most frequently used line item data
Syntax Notes:	1 If PO103 is present, then PO102 is required.
•	2 If PO105 is present, then PO104 is required.
	3 If either PO106 or PO107 is present, then the other is required.
	4 If either PO108 or PO109 is present, then the other is required.
	5 If either PO110 or PO111 is present, then the other is required.
	6 If either PO112 or PO113 is present, then the other is required.
	7 If either PO114 or PO115 is present, then the other is required.
	8 If either PO116 or PO117 is present, then the other is required.
	<b>9</b> If either PO118 or PO119 is present, then the other is required.
	<b>10</b> If either PO120 or PO121 is present, then the other is required.
	<b>11</b> 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:	<ol> <li>See the Data Element Dictionary for a complete list of IDs.</li> </ol>
	<b>2</b> PO101 is the line item identification.
	<b>3</b> PO106 through PO125 provide for ten different product/service IDs

- 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) [PO1 Loop may repeat]

	Name		
350	Assigned Identification	Ο	AN 1/20
	set	vithin a t	ransaction
330	· ·	х	R 1/15
	-		
	•		
355	Unit or Basis for Measurement Code	ο	ID 2/2
	Code specifying the units in which a value is being exp manner in which a measurement has been taken EA Each	pressed	, or
235	Product/Service ID Qualifier	Х	ID 2/2
	Product/Service ID (234)	nber use	ed in
234	Product/Service ID	Х	AN 1/48
	Identifying number for a product or service		
	"DL"		
235	Product/Service ID Qualifier	Х	ID 2/2
	Code identifying the type/source of the descriptive num Product/Service ID (234)	nber use	ed in
	330 355 235 234	Alphanumeric characters assigned for differentiation w set "n" = nth assigned ID within PO1 loop 330 Quantity Ordered Quantity ordered 1 Always One 355 Unit or Basis for Measurement Code Code specifying the units in which a value is being exp manner in which a measurement has been taken EA Each 235 Product/Service ID Qualifier Code identifying the type/source of the descriptive num Product/Service ID (234) ZZ Mutually Defined 234 Product/Service ID Identifying number for a product or service "DL" 235 Product/Service ID Qualifier Code identifying the type/source of the descriptive num	Alphanumeric characters assigned for differentiation within a t set         "n" = nth assigned ID within PO1 loop         330       Quantity Ordered         1       Always One         355       Unit or Basis for Measurement Code       O         Code specifying the units in which a value is being expressed manner in which a measurement has been taken       EA       Each         235       Product/Service ID Qualifier       X         Code identifying the type/source of the descriptive number use Product/Service ID (234)       X         ZZ       Mutually Defined       X         234       Product/Service ID Qualifier       X         Identifying number for a product or service       "DL"       X         235       Product/Service ID Qualifier       X         Code identifying the type/source of the descriptive number use       "DL"

SH	Service Requested		
	A numeric or alphanumeric code from services available to the customer	m a li	st of
Product/Service	ID	Х	AN 1/48
Identifying number	r for a product or service		
DTV(DI 12) = Do	aard Turaa		
	Product/Service	A numeric or alphanumeric code from services available to the customer <b>Product/Service ID</b> Identifying number for a product or service	A numeric or alphanumeric code from a lisservices available to the customer Product/Service ID X

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Syntax Notes: Semantic Notes: Comments:	0180 PO1 Detail Optional >1 To speci 1 If eit 2 If eit 3 If eit 4 If eit 5 If eit 6 If eit 7 If eitt 8 If eit 9 If eit 1 Sl01 qual SI*TI*LB SI*TI*LE	fy service characteristic data her SI04 or SI05 is present, then the other is required. her SI06 or SI07 is present, then the other is required. her SI08 or SI09 is present, then the other is required. her SI10 or SI11 is present, then the other is required. her SI12 or SI13 is present, then the other is required. her SI14 or SI15 is present, then the other is required. her SI16 or SI17 is present, then the other is required. her SI18 or SI19 is present, then the other is required. her SI20 or SI21 is present, then the other is required. her SI20 or SI21 is present, then the other is required. her SI20 or SI21 is present, then the other is required. *LACT (DL-10) *LACT (DL-13)		
	SI*TI*BR SI*TI*DG SI*TI*DN SI*TI*BC	/*STYC (DL-15) *TOA (DL-16) #DOI (DL-17) #DIRNAME (DL-34) #BRO (DL-28) Data Element Summary		
Ref.	Data	Nome		
<u>Des.</u> <u>Attributes</u>	<u>Element</u>	<u>Name</u>		
M SI01	559	Agency Qualifier Code	М	ID 2/2
		Code identifying the agency assigning the code values		
		TI Telecommunications Industry		
M SI02	1000	Service Characteristics Qualifier	М	AN 2/2
		Code from an industry code list qualifying the type of set	vice	
		characteristics		
		BO Business/Residence Placement Ove	rride	
		BR Directory Listings Type of Account		
		DG Degree of Indent		
		DN Directory Book Name		
		LB Listing Activity Indicator		
		LE Listing Type		
		TW Style Code		
M SI03	234	Product/Service ID	М	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	)	
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Segment:	PID	Product/Item Description		
Position:	0500			
Loop:	PID	Optional		
Level:	Detail			
Usage:	Optional			
Max Use: Purpose:	1 To descr	ibe a product or process in coded or free-form format		
Syntax Notes:		D04 is present, then PID03 is required.		
-		ast one of PID04 or PID05 is required.		
		D07 is present, then PID03 is required.		
		D08 is present, then PID04 is required. D09 is present, then PID05 is required.		
Semantic Notes:		PID03 to indicate the organization that publishes the code	e list	
		g referred to.		
	2 PID( code	04 should be used for industry-specific product description		
		b. 08 describes the physical characteristics of the product ide	entifie	he
		D04. A "Y" indicates that the specified attribute applies to		
		; an "N" indicates it does not apply. Any other value is		
		terminate. 99 is used to identify the language being used in PID05.		
Comments:		D01 equals "F", then PID05 is used. If PID01 equals "S", the	nen	
		04 is used. If PID01 equals "X", then both PID04 and PID05		
	usec			
		PID06 when necessary to refer to the product surface or la g described in the segment.	ayer	
		7 specifies the individual code list of the agency specified	in	
	PIDO			
Notes:		TAR***SO-RSQ*OMTN (DL-41)		
		TI*AS***SO-RSQ*LNPL (DL-44) TI*AT***SO-RSQ*ADI (DL-61)		
		TI*AW***SO-RSQ*DML (DL-25)		
		T*AX***SO-RSQ*NOSL (DL-26)		
		T*AY***SO-RSQ*TMKT (DL-27) T*BA***SO-RSQ*PROF (DL-32)		
Ref.	Data	Data Element Summary		
Des.	<u>Element</u>	Name		
<u>Attributes</u>				
M PID01	349	Item Description Type	М	ID 1/1
		Code indicating the format of a description		
	550	S Structured (From Industry Code List)	v	2/2
PID03	559	Agency Qualifier Code Code identifying the agency assigning the code values	Х	ID 2/2
		TI Telecommunications Industry		
PID04	751	Product Description Code	х	AN 1/12
		A code from an industry code list which provides specific		-
		product characteristic		
		AR Omit Telephone Number		
		AS Listed Name Placement		
		AT Address Indicator		
		AW Direct Mail List		
Lindeted: Marsh 44, 0000				400
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		AX	No Solicitation Indicator		
		AY	Telemarketing		
		BA	Professional Identifier		
PID07	822	Source Subqua	lifier	Ο	AN 1/15
		A reference that Qualifier SO-RSQ	indicates the table or text maintained by Service Order - Reseller Questions lis		Source
PID08	1073	Yes/No Conditio	on or Response Code	0	ID 1/1
			a Yes or No condition or response		
		OMTN (DL-41) = Y=(DWS: O-O Blank=(DWS: I			
		Y=(DWS: L-Le	_etter Name Placement tter Placement) Blank-Default to Word Placement)		
		•	ldress Indicator mit in DA and Directory) Blank-Do Not Omit)		
		DML (DL-25) = D Y=(DWS: O-O Blank=(DWS: I			
			Telemarketing mit From Telemarketing) Blank-Do Not Omit)		
		. ,	No Solicitation Indicator Professional Identifier		

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments:	1000 PO1 Detail Optional >1 To speci 1 At le 2 If eitl 3 If eitt 1 REF	Reference Identification Mandatory y identifying information ast one of REF02 or REF03 is required. her C04003 or C04004 is present, then the other is require her C04005 or C04006 is present, then the other is require 04 contains data relating to the value cited in REF02.		
Notes:	REF"LI"	JLI (DL-11)		
Ref.	Data	Data Element Summary		
Des.	<u>Element</u>	Name		
Attributes	128	Reference Identification Qualifier	м	ID 2/3
I REF01	120		IVI	10 2/3
		Code qualifying the Reference Identification		
		LI Line Item Identifier (Seller's)		

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

**Reference Identification** 

М

**REF02** 

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X AN 1/30

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.
	<b>3</b> 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

			ent Summary		
Ref.	Data				
Des.	Element	<u>Name</u>			
<u>Attributes</u>					
N901	128	Reference Id	lentification Qualifier	М	ID 2/3
		Code qualifyin	ng the Reference Identification		
		82	Data Item Description (DID) Referenc	е	
			Specific data elements that the gover a contractor to provide and are spelle requirement documents		
N902	127	Reference Id	entification	Х	AN 1/30
			ormation as defined for a particular Transact ne Reference Identification Qualifier	tion S	Set or as
		"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.
	2 If MTX03 is present, then MTX02 is required.
	3 If MTX05 is present, then MTX04 is required.
Semantic Notes:	<ol> <li>MTX05 is the number of lines to advance before printing.</li> </ol>
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		<u></u>		
MTX02	1551	Message Text	Х	AN 1/4096
		To transmit large volumes of message text		
		PLA (DL-55) = Place Listing As		

Segment:	N9 R	eference Identif	ication		
Position:	3300				
Loop:	N9	Optional			
Level:	Detail	•			
Usage:	Optional				
Max Use:	1				
Purpose:		nit identifying info tion Qualifier	mation as specified by the Refe	erence	
Syntax Notes:	2 If N9 3 If eit	06 is present, then her C04003 or C04	r N903 is required. n N905 is required. 4004 is present, then the other i 4006 is present, then the other i		
Semantic Notes:	1 N906	6 reflects the time	zone which the time reflects. ating to the value cited in N902	·	
Comments:			7)		
Notes:	119 62 LI	XTY*LTXTY (DL-5	()		
Ref.	Data	Data Element	Summary		
Des.	Element	Name			
Attributes	Liement	<u>Itame</u>			
N901	128	Reference Iden	tification Qualifier	м	ID 2/3
-			ne Reference Identification		
				Deference	
		82	Data Item Description (DID) I	Reierence	

**Reference Identification** 

**Free-form Description** 

Free-form descriptive text

LTXTY (DL-57) = Listing Text Type

"LTXTY"

Specific data elements that the government will ask a contractor to provide and are spelled out in specific

requirement documents

specified by the Reference Identification Qualifier

Reference information as defined for a particular Transaction Set or as

N902

N903

127

369

М

X AN 1/30

AN 1/45

Х

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:	<ol> <li>If MTX04 is "AA - Advance the specific number of lines before print", then MTX05 is required.</li> </ol>
Notes:	MTX**LTEXT (DL-59)
	Data Element Summary
Ref.	Data
<u>Des.</u> <u>Attributes</u>	Element Name

To transmit large volumes of message text
LTEXT (DL-59) = Line of Text

Message Text

MTX02

1551

X AN 1/4096

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.
	<b>3</b> 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.	Data
Des.	<u>Element</u> <u>Name</u>

<u>Attributes</u> N901	128		entification Qualifier g the Reference Identification	М	ID 2/3
		H7	Standard Clause		
N902	127	Reference Ide	entification	Х	AN 1/30
			rmation as defined for a particular Tr e Reference Identification Qualifier Order Instructions	ansaction \$	saction Set or as
N903	369	Free-form Des	scription	Х	AN 1/45
		Free-form desc	criptive text		
		"DL"			

М

Segment:	MTX Text	
Position:	3400	
Loop:	N9 Optional	
Level:	Detail	
Usage:	Optional	
Max Use:	>1	
Purpose:	To specify textual data	
Syntax Notes:	<ol> <li>If MTX01 is present, then MTX02 is required.</li> </ol>	
	2 If MTX03 is present, then MTX02 is required.	
	3 If MTX05 is present, then MTX04 is required.	
Semantic Notes:	<ol> <li>MTX05 is the number of lines to advance before printing.</li> </ol>	
Comments:	<ol> <li>If MTX04 is "AA - Advance the specific number of lines before print", then MTX05 is required.</li> </ol>	
Notes:	MTX**REMARKS (DL-113)	
	Data Element Summary	
Ref.	Data	
Des.	<u>Element</u> <u>Name</u>	
<u>Attributes</u>		
MTX02	1551 Message Text X AN	1/4096

To transmit large volumes of message text

REMARKS (DL-113) = Remarks

Segment:	N1 Name						
Position:	3500						
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.						
	2 If either N103 or N104 is present, then the other is required.						
Semantic Notes:							
Comments:	<ol> <li>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.</li> <li>N105 and N106 further define the type of entity in N101.</li> </ol>						
Notes:	N1*DH*LISTINGS						
Ξ.	Data Element Summary						

		Butu Elonion			
Ref.	Data				
Des.	<u>Element</u>	<u>Name</u>			
<u>Attributes</u>					
N101	98	Entity Identifier	Code	М	ID 2/3
		Code identifying an individual	an organizational entity, a phy	sical location,	property or
		DH	Doing Business As		
N102	93	Name		Х	AN 1/60
		Free-form name			
		"LISTINGS"			

IN2 Individual Name Structure Components Segment: Position: 3650 Loop: N1 Optional Level: Detail Usage: Optional Max Use: >1 Purpose: To sequence individual name components for maximum specificity Syntax Notes: Semantic Notes: Comments: 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**

	D-1	Data		Summary		
	Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	<u>Name</u>			
М	IN201	1104	Name Compone	nt Qualifier	М	ID 2/2
			•	Prefix First Name Last Name Generation Combined (Unstructured) Name Preferred First Name or Nickname Professional Title		
М	IN202	93	Name		Μ	AN 1/60
			Free-form name			
			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 LNFN (DL-46) = Li	sted Name First		
			"TITLE1" "TITLE1D" "TL" "DESD"			

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Segment:	N4 Geographic Location					
Position:	3800					
Loop:	N1 Optional					
Level:	Detail					
Usage:	Optional					
Max Use:	1					
Purpose:	To specify the geographic place of the named party					
Syntax Notes:	1 Only one of N402 or N407 may be present.					
	2 If N406 is present, then N405 is required.					
	<b>3</b> If N407 is present, then N404 is required.					
Semantic Notes:						
Comments:	<ol> <li>A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.</li> </ol>					
	<ul><li>2 N402 is required only if city name (N401) is in the U.S. or Canada.</li></ul>					
Notes:	$X^{**}$ LAST (DL-71)					
10103.	IDLES. INA LAST (DE-TT)					
	Data Element Summary					
Ref.	Data					
Des.	Element Name					
<u>Attributes</u>						
N402	156 State or Province Code X ID 2/2					
	Code (Standard State/Province) as defined by appropriate government					

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

agency

#### 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: Notes: NX2*01*LANO (DL-63) NX2*02*LASN (DL-66) NX2*03*LASD (DL-65) NX2*07*LALOC (DL-70)

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)

-

- -

	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>			
	<u>Attributes</u>					
Μ	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		
Μ	NX202	166	Address Informat	ion	М	AN 1/55
			Address informatio	n		
			LANO $(DL-63) = Li$	sted Address Number		
			· · · ·	sted Address Street Name		
			· · · · ·	sted Address Street Directional Prefix		
			· · · · ·	Listed Address Locality		
				sted Address Location		
			· · ·	sted Address Street Directional Suffix		
				sted Address Number Prefix		
				sted Address Number Suffix		
			. ,	sted Address Street Type		

Segment:	SI Service Characteristic Identification
Position:	4050
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.
-	2 If either SI06 or SI07 is present, then the other is required.
	3 If either SI08 or SI09 is present, then the other is required.
	4 If either SI10 or SI11 is present, then the other is required.
	5 If either SI12 or SI13 is present, then the other is required.
	6 If either SI14 or SI15 is present, then the other is required.
	7 If either SI16 or SI17 is present, then the other is required.
	8 If either SI18 or SI19 is present, then the other is required.
	<b>9</b> 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*TN*LTN (DL-39)
	SI*TI*NS*NSTN (DL-40)

			Data Element	Summary		
	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>			
	<u>Attributes</u>					
М	SI01	559	Agency Qualifier	r Code	Μ	ID 2/2
			Code identifying the	he agency assigning the code values		
			TI	Telecommunications Industry		
М	SI02	1000	Service Character	eristics Qualifier	М	AN 2/2
			Code from an indecharacteristics	ustry code list qualifying the type of ser	vice	
			NS	Non-Standard Telephone Number		
			TN	Telephone Number		
М	SI03	234	<b>Product/Service</b>	ID	Μ	AN 1/48
			Identifying numbe	r for a product or service		
				ted Telephone Number Ion Standard Telephone Number		
			. ,	•		

Segment:	PO1 Baseline Item Data - Dummy (DD)
Position:	0100
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Mandatory
Max Use:	1
Purpose:	To specify basic and most frequently used line item data
Syntax Notes:	1 If PO103 is present, then PO102 is required.
-	2 If PO105 is present, then PO104 is required.
	<b>3</b> If either PO106 or PO107 is present, then the other is required.
	4 If either PO108 or PO109 is present, then the other is required.
	5 If either PO110 or PO111 is present, then the other is required.
	6 If either PO112 or PO113 is present, then the other is required.
	7 If either PO114 or PO115 is present, then the other is required.
	8 If either PO116 or PO117 is present, then the other is required.
	<b>9</b> If either PO118 or PO119 is present, then the other is required.
	<b>10</b> If either PO120 or PO121 is present, then the other is required.
	<b>11</b> If either PO122 or PO123 is present, then the other is required.
	<b>12</b> 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.
	<b>3</b> PO106 through PO125 provide for ten different product/service IDs

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

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

Ref.	Data			
Des.	<u>Element</u>	<u>Name</u>		
<u>Attributes</u>			_	
PO101	350	Assigned Identification	0	AN 1/20
		Alphanumeric characters assigned for differentiation withi set	nat	ransaction
		"DUMMY"		
PO102	330	Quantity Ordered	Х	R 1/15
		Quantity ordered		
		1 Always One		
PO103	355	Unit or Basis for Measurement Code	0	ID 2/2
		Code specifying the units in which a value is being express manner in which a measurement has been taken EA Each	sed	, or
PO106	235	Product/Service ID Qualifier	Х	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	Х	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 set		
Syntax Notes:	1 If either CTT03 or CTT04 is present, then the other is required.		
	2 If either CTT05 or CTT06 is present, then the other is required.		
Semantic Notes:			
Comments:	1 This segment is intended to provide hash totals to validate transaction completeness and correctness.		
Notes:	CTT*Number of PO1 Segments		
	Data Element Summary		
Ref.	Data		
Des.	<u>Element</u> <u>Name</u>		
Attributes CTT01	354 Number of Line Items	м	N0 1/6

Total number of line items in the transaction set

Μ

Segment:	SE 1	ransaction Set Trailer				
Position:	0300					
Loop:						
Level:	Summar	•				
Usage:	Mandato	ry				
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:	U U	, ,				
Semantic Notes:						
Comments:	1 SE i	s the last segment of each transaction set.				
Notes:	SE*Num	ber of Segments*TRAN SET CONTROL #				
		-				
		Data Element Summary				
Ref.	Data	······································				
Des.	<b>Element</b>	Name				
Attributes						
SE01	96	Number of Included Segments	Λ	N0 1/10		
		Total number of segments included in a transaction set incl and SE segments	udi	ng ST		
SE02	329	Transaction Set Control Number	Λ	AN 4/9		
		Identifying control number that must be unique within the tr functional group assigned by the originator for a transaction				

Μ

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### 15.6.2 860 POTS Service Request (860POTS)

# Functional Group ID=PC

### Introduction:

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

This implementation guideline references the following:

1. ANSI ASC X12 Version 4020

2. LSOG 5 and Qwest assigned fields

3. TCIF/SOSC Guidelines, ELMS 5

### Notes:

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

# **Heading:**

	Pos. <u>No.</u>	Seg. <u>ID</u>	Name	Req. <u>Des.</u>	Max.Use	Loop Notes and <u>RepeatComments</u>
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 - N9			1000
	2850	N9	Reference Identification	0	1	
	2900	MTX	Text	0	>1	
			LOOP ID - N1			200
	3000	N1	Name	0	1	

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

# Detail:

LOOP ID - POC         >1           0100         POC         1           Licocation and Access Section)         0         1           0180         SI         Service Characteristic Identification         0         >1           0100         PID         1000         1000         1000           0500         PID         Product/Item Description         0         1           1000         REF         Reference Identification         0         >1           1000         REF         Reference Identification         0         1           1000         REF         Text         0         >1           1000         NTX         Text         0         >1           1000         NI         Name         0         1           3260         MTX         Text         0         >1           1000         REF         Reference Identification         0         1           3750         NX2         Location ID Component         0         31           1000         PER         Administrative Communications Contact         0         3           3950         SI         Service Characteristic Identification         >1         1000	Pos. <u>No.</u>	Seg. <u>ID</u>	Name	Req. <u>Des.</u>	Max.Use	Loop Notes and <u>RepeatComments</u>
Othology         Service Characteristic Identification         O         >1           0000         PID         Product/Item Description         0         1           0000         REF         Reference Identification         0         >1           1000         REF         Reference Identification         0         >1           1000         REF         Reference Identification         0         1           1000         NP         Reference Identification         0         1           1000         NP         Reference Identification         0         1           1000         NP         Reference Identification         0         1           1000         NTX         Text         0         >1           1000         NTX         Text         0         1           1000         NM         Name         0         1           1000         NZ         Location ID Component         0         1           1750         NX2         Location ID Component         0         >1           1000         PCC         Line Item Change - End User Form (Disconnet Information Section)         0         >1           1000         REF         Reference Identif			LOOP ID - POC			>1
O180         SI         Service Characteristic Identification         O         >1           LCOP ID - PID         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         1000         10000         10000         1000	0100	POC	Line Item Change - End User Form	0	1	
0500         PID         Product/Item Description         O         1           1000         REF         Reference Identification         O         >1           1000         REF         Reference Identification         O         >1           3200         NS         Reference Identification         O         1           3200         MTX         Text         O         >1           3200         MTX         Text         O         >1           3200         NI         Name         O         1           3200         NI         Name         O         1           3400         NI         Name         O         1           3700         N4         Geographic Location         O         1           3700         N4         Geographic Location         O         1           3700         N4         Geographic Location         O         >1           3900         PER         Administrative Communications Contact         O         3           3950         SI         Service Characteristic Identification         O         >1           0100         REF         Reference Identification         O         >1	0180	SI		0	>1	
1000REFReference Identification0> 11000N9Reference Identification013200N9Reference Identification013200MTXText0> 11000D ID - NI2003400N4Geographic Location013700N4Geographic Location013700N4Geographic Location013900PERAdministrative Communications Contact033950SIService Characteristic Identification0> 11000POCLine Item Change - End User Form (Disconnect Information Section)010100POCLine Item Change - End User Form (Disconnect Information Section)010100REFReference Identification0> 10000DTMDate/Time Reference0101000REFReference Identification0> 11000SLNSubline Item Detail011000REFReference Identification0> 11000SLNSubline Item Detail011000REFReference Identification011000SLNSubline Item Detail011000SLNSubline Item Detail011000SLNSubline Item Detail011000SLNSubline Item Detail011000<			Loop ID - PID			1000
LOOP ID - N9         1000           3200         N9         Reference Identification         0         1           3260         MTX         Text         0         >1           3260         MTX         Geographic Location         0         1           3700         N4         Geographic Location         0         1           3700         N4         Geographic Location         0         1           3700         N4         Geographic Location         0         1           3900         PER         Administrative Communications Contact         0         3           3950         SI         Service Characteristic Identification         0         1           0100         PCC         Line Item Change - End User Form (Disconnect Information Section)         0         1           0100         REF	0500	PID	Product/Item Description	0	1	
3200         N9         Reference Identification         0         1           3260         MTX         Text         0         >1           3260         MTX         Reference Identification         0         1           3400         N1         Name         0         1           3700         N4         Geographic Location         0         1           3700         N4         Geographic Location         0         >1           3700         NZ         Location ID Component         0         >1           3900         PER         Administrative Communications Contact         0         3           3950         SI         Service Characteristic Identification         0         >1           0100         POC         Line Item Change - End User Form (Disconnect Information Section)         0         >1           0100         REF         Reference Identification         0	1000	REF	Reference Identification	0	>1	
Actor NameTextO>1 $1200P$ ID - N1 $200$ 3400N1NameO13700N4Geographic LocationO13750NX2Location ID ComponentO>13900PERAdministrative Communications ContactO33950SIService Characteristic IdentificationO>1LOOP ID - POC>1LOOP ID - SLN>1LOOP ID - SLN>1LOOP ID - N110LOOP ID - N110LOOP ID - SLN>1LOOP ID - SLN>1LOOP ID - SLN>1LOOP ID - SLN>1 <td></td> <td></td> <td>LOOP ID - N9</td> <td></td> <td></td> <td>1000</td>			LOOP ID - N9			1000
IOOP ID - N12003400N1Name013700N4Geographic Location013750NX2Location ID Component0>13900PERAdministrative Communications Contact033950SIService Characteristic Identification0>1IOOP ID - POC>1IOOP ID - SLN>1IOOP ID - SLN>1IOOP ID - NIIOOP ID - NIIOOP ID - SLN>1IOOP ID -	3200	N9	Reference Identification	0	1	
3400         N1         Name         O         1           3700         N4         Geographic Location         O         1           3750         NX2         Location ID Component         O         >1           3900         PER         Administrative Communications Contact         O         3           3950         SI         Service Characteristic Identification         O         >1           COOP ID - POC         >1           V           COOP ID - POC         >1           O         1           0100         POC         Line Item Charge - End User Form (Disconnect Information Section)         O         >1           0180         SI         Service Characteristic Identification         O         >1           0100         REF         Reference Identification         O         >1           0100         IOOP ID - SLN         >1         IOOP ID         IOOP ID         IOOP ID           4600         SLN         Subline Item Detail         O         1         IOOP ID	3260	MTX	Text	0	>1	
ArrowNAGeographic LocationO13700NAGeographic LocationO13750NX2Location ID ComponentO>13900PERAdministrative Communications ContactO33950SIService Characteristic IdentificationO>1LOOP ID - POC>1LOOP ID - POC>1OUTON POC>1LOOP ID - POC>1OUTON POCIOOPID - NI <td></td> <td></td> <td>LOOP ID - N1</td> <td></td> <td></td> <td>200</td>			LOOP ID - N1			200
3750       NX2       Location ID Component       O       >1         3900       PER       Administrative Communications Contact       O       3         3950       SI       Service Characteristic Identification       O       >1         IOOP ID - POC       >1         IOOP ID - POC       >1         0100       POC       Line Item Change - End User Form (Disconnect Information Section)       O       1         0180       SI       Service Characteristic Identification       O       >1         0100       REF       Reference Identification       O       >1         0100       REF       Reference Identification       O       >1         1000       REF       Reference Identification       O       >1         4600       SLN       Subline Item Detail       O       1         4700       SI       Service Characteristic Identification       O       12         1000       REF       Reference Identification       O       12         1000       SI       Service Characteristic Identification       O       12         1000       IDOP ID - SLN       >1       1       1         1000       IDOP ID - SLN       >1<	3400	N1	Name	0	1	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	3700	N4	Geographic Location	0	1	
3950       SI       Service Characteristic Identification       O       >1         0100       POC       Line Item Change - End User Form (Disconnect Information Section)       O       1         0180       SI       Service Characteristic Identification       O       >1         1000       REF       Reference Identification       O       >1         1000       DTM       Date/Time Reference       O       10         1000       DTO       SLN       Subline Item Detail       O       1         4600       SLN       Subline Item Detail       O       1         1000       IDOP ID - N1       10       10         5360       N1       Name       O       1         5700       REF       Reference Identification       O       12         1000 ID - SLN       >1       10       1         4600       SLN       Subline Item Detail       O       1         4600       SLN       Subline Item Detail<	3750	NX2	Location ID Component	0	>1	
LOOP ID - POC     >1       0100     POC     Line Item Change - End User Form     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       5360     N1     Name     0     1       5700     REF     Reference Identification     0     12       LOOP ID - SLN     >1        4600     SLN     Subline Item Detail     0     1       5700     REF     Reference Identification     0     12       LOOP ID - SLN     >1         4600     SLN     Subline Item Detail     0     1       4600     SLN     Subline Item Detail     0     1	3900	PER	Administrative Communications Contact	0	3	
0100POCLine Item Change - End User Form (Disconnect Information Section)010180SIService Characteristic Identification0>11000REFReference Identification0>12000DTMDate/Time Reference0101000LOOP ID - SLN>14600SLNSubline Item Detail014700SIService Characteristic Identification0>15360N1Name015700REFReference Identification012100P ID - SLN>1105400SLNSubline Item Detail015700REFReference Identification012100P ID - SLN>1>14600SLNSubline Item Detail014700SIService Characteristic Identification0>1	3950	SI	Service Characteristic Identification	0	>1	
0180SIService Characteristic IdentificationO>11000REFReference IdentificationO>12000DTMDate/Time ReferenceO10IOOP ID - SLN>14600SLNSubline Item DetailO14700SIService Characteristic IdentificationO>15360N1NameO15700REFReference IdentificationO12IOOP ID - SLN>1105400SLNSubline Item DetailO15700REFReference IdentificationO12IOOP ID - SLN>1105400SLNSubline Item DetailO14600SLNSubline Item DetailO14700SIService Characteristic IdentificationO21			LOOP ID - POC			>1
0180SIService Characteristic IdentificationO>11000REFReference IdentificationO>12000DTMDate/Time ReferenceO10LOOP ID - SLN4600SLNSubline Item DetailO14700SIService Characteristic IdentificationO>15360N1NameO15700REFReference IdentificationO12LOOP ID - SLN4600SLNSubline Item DetailO15700REFReference IdentificationO124600SLNSubline Item DetailO14700SIService Characteristic IdentificationO14700SIService Characteristic IdentificationO1	0100	POC		0	1	
2000DTMDate/Time ReferenceO10LOOP ID - SLN>14600SLNSubline Item DetailO14700SIService Characteristic IdentificationO>11000 ID - N110105360N1NameO15700REFReference IdentificationO12LOOP ID - SLN4600SLNSubline Item DetailO14700SIService Characteristic IdentificationO1	0180	SI		0	>1	
LOOP ID - SLN       >1         4600       SLN       Subline Item Detail       0       1         4700       SI       Service Characteristic Identification       0       >1         4700       SI       Service Characteristic Identification       0       >1         5360       N1       Name       0       1       10         5360       N1       Name       0       1       10         5700       REF       Reference Identification       0       12         IOOP ID - SLN         4600       SLN       Subline Item Detail       0       1         4700       SI       Service Characteristic Identification       0       >1	1000	REF	Reference Identification	0	>1	
4600SLNSubline Item DetailO14700SIService Characteristic IdentificationO>11001010105360N1NameO15700REFReference IdentificationO1210012101210012104600SLNSubline Item DetailO14700SIService Characteristic IdentificationO>1	2000	DTM	Date/Time Reference	0	10	
4700       SI       Service Characteristic Identification       O       >1         LOOP ID - N1       10         5360       N1       Name       O       1         5700       REF       Reference Identification       O       12         LOOP ID - SLN       >1         4600       SLN       Subline Item Detail       O       1         4700       SI       Service Characteristic Identification       O       >1			LOOP ID - SLN			>1
LOOP ID - N1         10           5360         N1         Name         O         1           5700         REF         Reference Identification         O         12           IOOP ID - SLN           4600         SLN         Subline Item Detail         O         1           4700         SI         Service Characteristic Identification         O         >1	4600	SLN	Subline Item Detail	0	1	
5360     N1     Name     O     1       5700     REF     Reference Identification     O     12       IOOP ID - SLN       4600     SLN     Subline Item Detail     O     1       4700     SI     Service Characteristic Identification     O     >1	4700	SI	Service Characteristic Identification	0	>1	
5700       REF       Reference Identification       O       12         LOOP ID - SLN       >1       >1         4600       SLN       Subline Item Detail       O       1         4700       SI       Service Characteristic Identification       O       >1			LOOP ID - N1			10
LOOP ID - SLN     >1       4600 SLN     Subline Item Detail     O     1       4700 SI     Service Characteristic Identification     O     >1	5360	N1	Name	0	1	
4600     SLN     Subline Item Detail     O     1       4700     SI     Service Characteristic Identification     O     >1	5700	REF	Reference Identification	0	12	
4700 SI Service Characteristic Identification O >1			LOOP ID - SLN			>1
	4600	SLN	Subline Item Detail	0	1	
LOOP ID - N1 10	4700	SI	Service Characteristic Identification	0	>1	
			LOOP ID - N1			10

5360	N1	Name	0	1		111
5700	REF	Reference Identification	0	12		
		2	-			
0100	POC	LOOP ID - POC	0	1	>1	
0100	FUC	Line Item Change - Resale Form (Service Detail Section)	0	I		
0180	SI	Service Characteristic Identification	0	>1		
		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 - N1			200	
3400	N1	Name	0	1		
		LOOP ID - N1			200	
3400	N1	Name	0	1		
		LOOP ID - SLN			>1	
4600	SLN	Subline Item Detail	0	1	~1	
4700	SI	Service Characteristic Identification	0	>1		
1100	0.	LOOP ID - N1			10	
5360	N1	Name	0	1	10	
5700	REF	Reference Identification	0	12		
			-			
4600	SLN	LOOP ID - SLN Subline Item Detail	0	1	>1	
4600 4700	SLIN	Service Characteristic Identification	0	ا >1		
4700	0	LOOP ID - N1		~1	10	
5360	N1	Name	0	1	10	
5700	REF	Reference Identification	0	12		
5700			0	12		
	<b></b>	LOOP ID - SLN			>1	
4600	SLN	Subline Item Detail	0	1		
		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		
4700	SI	Service Characteristic Identification	0	>1		
		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		
		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	
					~1	

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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	~1	
0100	FUC	Address/Information Section)	0	I		
0180	SI	Service Characteristic Identification	0	>1		
		LOOP ID - QTY			>1	
2930	QTY	Quantity	0	1		
		LOOP ID - QTY			>1	
2930	QTY	Quantity	0	1		
		LOOP ID - N1			200	
3400	N1	Name	0	1	200	
3700	N4	Geographic Location	0	1		
3750	NX2		0	-		
3750	INAZ	Location ID Component	0	>1		
		LOOP ID - POC			>1	
0100	POC	Line Item Change - DL Form (Service	0	1		
0180	SI	Details Section) Service Characteristic Identification	0	>1		
		LOOP ID - PID			1000	
0500	PID	Product/Item Description	0	1		
1000	REF	Reference Identification	0	>1		
		LOOP ID - N9	-		1000	
3200	N9	Reference Identification	0	1		
3260	MTX	Text	0	>1		
0200	iiii)(				1000	
		LOOP ID - N9			1000	
3200	N9	Reference Identification	0	1		
3260	MTX	Text	0	>1		
		LOOP ID - N9			1000	
3200	N9	Reference Identification	0	1		
3260	MTX	Text	0	>1		
		LOOP ID - N1			200	
3400	N1	Name	0	1		
3550	IN2	Individual Name Structure Components	0	>1		
3700	N4	Geographic Location	0	1		
3750	NX2	Location ID Component	0	>1		
3950	SI	Service Characteristic Identification	0	>1		
	-		-	-		

# Summary:

Pos. Seg.	Req.	Loop Notes and
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	<u>No.</u>	<u>ID</u>	Name	<u>Des.</u>	Max.Use	RepeatComments
			LOOP ID - CTT			1
	0100	CTT	Transaction Totals	0	1	n1
Μ	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 1	Fransaction Set Header						
	Position: Loop:	0100							
	Level:	Heading							
	Usage:	Mandato	ry						
	Max Use:	1	,						
	Purpose:	To indica	ate the start of a transaction set and to assign a control numb	er					
Sy	ntax Notes:		-						
Sema	ntic Notes:	1 The	transaction set identifier (ST01) is used by the translation						
		routi	nes of the interchange partners to select the appropriate						
			saction set definition (e.g., 810 selects the Invoice Transaction	1					
		Set)							
			implementation convention reference (ST03) is used by the						
			slation routines of the interchange partners to select the						
			opriate implementation convention to match the transaction s	ət					
	•	defir	nition.						
	Comments:	OT*000*							
	Notes:	51 860	TRAN SET CONTROL #						
			Data Element Summary						
	Ref.	Data							
	Des.	<u>Element</u>	<u>Name</u>						
	<u>Attributes</u>								
Μ	ST01	143	Transaction Set Identifier Code M	ID 3/3					
			Code uniquely identifying a Transaction Set						
			860 Purchase Order Change Request - Buye	Initiated					
М	ST02	329	Transaction Set Control Number M	AN 4/9					
			Identifying control number that must be unique within the tra	nsaction set					
			functional group assigned by the originator for a transaction						

	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: nantic Notes: Comments: Notes:	<ul> <li>BCH Beginning Segment for Purchase Order Change O200</li> <li>Heading Mandatory 1</li> <li>To indicate the beginning of the Purchase Order Change Transaction Set and transmit identifying numbers and dates</li> <li>1 BCH06 is the date assigned by the purchaser to purchase order.</li> <li>2 BCH09 is the seller's order number.</li> <li>3 BCH10 is the date assigned by the sender to the acknowledgment.</li> <li>4 BCH11 is the date of the purchase order change request.</li> </ul>				
	Ref. <u>Des.</u>	Data <u>Element</u>	Data Element Summary <u>Name</u>			
М	Attributes BCH01	353	Transaction Set Purpose Code	м	ID 2/2	
			Code identifying purpose of transaction setSUP (LSR-25) = Supplement Type01 = (DWS: 1 - Cancel)04 = (DWS: 2 - DDD - Change)05 = (DWS: 3 - Other)0101Cancellation0405Replace			
М	BCH02	92	Purchase Order Type Code	М	ID 2/2	
			Code specifying the type of Purchase Order SS Supply or Service Order			
Μ	BCH03	324	Purchase Order Number Identifying number for Purchase Order assigned by the orderer/purchaser	М	AN 1/22	
	BCH05	327	PON (LSR-2) = Purchase Order Number Change Order Sequence Number	0	AN 1/8	
	20100	921	Number assigned by the orderer identifying a specific characteristic revision to a previously transmitted transaction set VER (LSR-3) = Version Identification	-		
М	BCH06	373		Μ	DT 8/8	
			Date expressed as CCYYMMDD PO Date = Purchase Order Date (See Trading Partner A Information)	cces	S	

Segment:	<b>REF</b> Reference Identification
Position:	0500
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To specify identifying information
Syntax Notes:	1 At least one of REF02 or REF03 is required.
-	2 If either C04003 or C04004 is present, then the other is required.
	3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 REF04 contains data relating to the value cited in REF02.
Comments:	-
Notes:	REF*11*AN (LSR-7)*AN
	REF*11*EAN (EU-40)*EAN
	REF*11*NAN (LSR-7a)*NAN
	REF*AO*APT CON (LSR-15a)
	REF*JB*PROJECT (LSR-20)
	REF*SU*RTR (LSR-28)*RTR
	REF*CO*RPON (LSR-51)*RPON
	REF*1V*RORD (LSR-52) [*] RORD
	REF*12*BAN1 (LSR-61)*BAN1

Data Element Summary							
	Ref.	Data					
	Des.	<u>Element</u>	<u>Name</u>				
	<u>Attributes</u>						
М	REF01	128	Reference Identi	fication Qualifier	М	ID 2/3	
			Code qualifying the	e Reference Identification			
			11	Account Number			
				Number identifies a telecommunicatio account	ns ir	ndustry	
			12	Billing Account			
			Account number under which billing is rendered				
			1V	Related Vendor Order Number			
			A vendor's order number that is in addition to a primary order number				
			AO	Appointment Number			
			CO	Customer Order Number			
			JB	Job (Project) Number			
			SU	Special Processing Code			
				Unique code identifying the special ha	ndlin	g	
				requirements for the claim			
	REF02	127	Reference Identi	fication	Х	AN 1/30	
				tion as defined for a particular Transaction	on S	Set or as	
				eference Identification Qualifier			
			AN (LSR-7) = Acc				
				kisting Account Number			
				lew Account Number 5a) = Appointment Confirmation			
				0) = Project Identification			
				esponse Type Requested			
				Related Purchase Order Number			
			RORD (LSR-52) =	Related Order Number			
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		BAN1 (LSR-61) = Billing Account Number 1		
REF03	352	Description	Х	AN 1/80
		A free-form description to clarify the related data element content	s and	their
		"AN"		
		"EAN"		
		"NAN"		
		"RTR"		
		"RPON"		
		"RORD"		
		"BAN1"		

# PAM Period Amo

Segment:	PAIN 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.						
	<b>3</b> If either PAM04 or PAM05 is present, then the other is required.						
	4 If either PAM06 or PAM07 is present, then the other is required.						
	5 If PAM07 is present, then at least one of PAM08 or PAM09 is required.						
	6 If PAM07 is present, then PAM06 is required.						
	7 If PAM08 is present, then PAM07 is required.						
	8 If PAM09 is present, then PAM07 is required.						
	9 If PAM10 is present, then at least one of PAM11 or PAM12 is						
	required.						
	<b>10</b> If PAM11 is present, then PAM10 is required.						
	<b>11</b> 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						
0	"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)(13( 2 Bytes) EA						
	PAM*KC*DQTY (EU-5)*EA						
	PAM*QO*RSQTY (RE-5)*EA						
	PAM*BH*DDQTY (DL-23)*EA						
	PAM*QU*HTQTY (LSR-6)*EA						
	Data Element Summary						
Ref	Data Element Summary Data						

Ref.	Data				
Des.	Element	<u>Name</u>			
<u>Attributes</u>					
PAM01	673	Quantity Qualifie	er	Х	ID 2/2
		Code specifying the	ne type of quantity		
		47	Primary Net Quantity		
		48	Secondary Net Quantity		
		BH	Book Order Quantity		
		KC	Net Quantity Decrease		
			The resultant quantity represents a n a previously transmitted quantity, after have been made		
		QO	Operating Quantity		
		QU	Quantity Serviced		
		T5	Total Number of Units		
PAM02	380	Quantity		Х	R 1/15
		Numeric value of	quantity		
		LOCQTY (LSR-5) First 2 bytes of PC	= Location Quantity G_of_ (LSR-10)		
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		Second 2 bytes of PG_of_ (LSR-10) DQTY (EU-5) = Disconnect Quantity RSQTY (RE-5) = Resale Quantity DDQTY (DL-23) = Number of Delivery Segments HTQTY (LSR-6) = Hunt Group Quantity				
PAM03	C001	Composite Unit of Measure	Х			
		To identify a composite unit of measure ( examples of use)	See Figures Appendix for			
C00101	355	Unit or Basis for Measurement Code	M ID 2/2			
		Code specifying the units in which a value manner in which a measurement has been EA Each				

Μ

	Segment:	SAC	Service, Promotion, Allowance, or Charge Information							
	Position:	1200								
	Loop:	SAC	Optional							
	Level:	Heading								
	Usage:	Optional								
	Max Use:	1								
	Purpose:	specify t	o request or identify a service, promotion, allowance, or charge; to pecify the amount or percentage for the service, promotion, allowance, r charge							
C. mt	av Nataa	or charge								
Synt	ax Notes:		east one of SAC02 or SAC03 is required.							
			her SAC03 or SAC04 is present, then the other is required. her SAC06 or SAC07 is present, then the other is required.							
			her SAC09 or SAC10 is present, then the other is required.							
			AC11 is present, then SAC10 is required.							
			AC13 is present, then at least one of SAC02 or SAC04 is							
			AC14 is present, then SAC13 is required.							
			AC16 is present, then SAC15 is required.							
Seman	tic Notes:	1 If SA	AC01 is "A" or "C", then at least one of SAC05, SAC07, or 000 is required.							
		2 SAC char	05 is the total amount for the service, promotion, allowance, or ge.							
			AC05 is present with SAC07 or SAC08, then SAC05 takes edence.							
		3 SAC	:08 is the allowance or charge rate per unit.							
			10 and SAC11 is the quantity basis when the allowance or							
		quar	•							
		coul	10 and SAC11 used together indicate a quantity range, which d be a dollar amount, that is applicable to service, promotion, vance, or charge.							
		5 SAC	13 is used in conjunction with SAC02 or SAC04 to provide a citize state in conjunction with sacco2 or sacco4 to provide a citize state in the code used.							
		6 SAC	14 is used in conjunction with SAC13 to identify an option when e is more than one option of the promotion.							
			16 is used to identify the language being used in SAC15.							
C	omments:		:04 may be used to uniquely identify the service, promotion,							
			vance, or charge. In addition, it may be used in conjunction with 03 to further define SAC02.							
			ome business applications, it is necessary to advise the trading							
			ner of the actual dollar amount that a particular allowance,							
			ge, or promotion was based on to reduce ambiguity. This							
			unt is commonly referred to as "Dollar Basis Amount". It is							
			esented in the SAC segment in SAC10 using the qualifier "DO" -							
	Notes:		ars in SAC09. TI*EXP [If this segment appears then EXP (LSR-26) = "Y"]							
	NOLES.		TI $\text{EXP}$ [if this segment appears then $\text{EXP}$ ( $\text{EXP}(20) = 1$ ] TI*VT*******VTA (LSR-80)							
	Ref.	Data	Data Element Summary							
	Des.	Element	Name							
	<u>Attributes</u>									
1	SAC01	248	Allowance or Charge IndicatorMID 1/1Code which indicates an allowance or charge for the service specified							

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

Segment:

# **DTM** Date/Time Reference

Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes:

1500
Heading
Optional
10
To specify pertinent dates and times
1 At least one of DTM02 DTM03 or DTM05 is required.
2 If DTM04 is present, then DTM03 is required.
3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes: Comments: Notes:

М

DTM*097*D/TSENT{CCYYMMDD}(LSR-12)*D/TSENT{HHMM}(LSR-12) DTM*150*DDD{CCYYMMDD}(LSR-14)***TM/RTM*APPTIME {HHMM[-HHMM]}(LSR-15)

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

		Data Element a	summary			
Ref.	Data					
Des.	<u>Element</u>	<u>Name</u>				
<u>Attributes</u>						
DTM01	374	Date/Time Qualif	ier	Μ	ID 3/3	
		Code specifying typ	be of date or time, or both date and tim	ıe		
		097	Transaction Creation			
		150	Service Period Start			
		151	Service Period End			
		270	Date Filed			
		992	Date Requested			
DTM02	373	Date		Х	DT 8/8	
		Date expressed as	CCYYMMDD			
		D/TSENT (LSR-12)				
		DDD (LSR-14) = Determines DDD				
		· · · · ·	Desired Due Date Out			
		· · · · ·	<ul> <li>Date of Agency Authorization</li> </ul>			
DTM03	337	Time		Х	TM 4/8	
			24-hour clock time as follows: HHMM,			
			HMMSSDD, where $H = hours (00-23)$			
		· · · ·	r seconds (00-59) and DD = decimal s			
			re expressed as follows: D = tenths (0	-9) ai	nd DD =	
		hundredths (00-99)	LSR-12) = Time Sent			
		• •	,		18.00	
DTM05	1250		l Format Qualifier	Х	ID 2/3	
		Code indicating the	e date format, time format, or date and	time	format	
		RTM	Range of Time Expressed in Format H	HMN	M-HHMM	
			A range of times expressed in the form			
		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			
			within an hour; the first occurrence of	HHM	IM is the	

		TM	starting time and the second is the ending Time Expressed in Format HHMM	time
Time expressed in the format I the numerical expression of he on a twenty-four hour clock an expression of minutes within a				ay based
DTM06	1251	Date Time Perio	d X	AN 1/35
		Expression of a d times	ate, a time, or range of dates, times or dates	and
		•	[-HHMM]}(LSR-15) = Appointment Time R-19) = Desired Frame Due Time	

Segment:	SI Service Characteristic Identification
Position:	1850
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	<ol> <li>If either SI04 or SI05 is present, then the other is required.</li> <li>If either SI06 or SI07 is present, then the other is required.</li> <li>If either SI08 or SI09 is present, then the other is required.</li> <li>If either SI10 or SI11 is present, then the other is required.</li> <li>If either SI12 or SI13 is present, then the other is required.</li> <li>If either SI14 or SI15 is present, then the other is required.</li> <li>If either SI16 or SI17 is present, then the other is required.</li> <li>If either SI16 or SI17 is present, then the other is required.</li> <li>If either SI18 or SI19 is present, then the other is required.</li> </ol>
	<b>9</b> 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*LS*LSO (LSR-43) SI*TI*TY*TOS (LSR-44) SI*TI*IW*IWO (EU-36)

-

	Ref.	Data		•		
	Des.	Element	<u>Name</u>			
	<u>Attributes</u>					_
М	SI01	559	Agency Qualifier	Code	Μ	ID 2/2
			Code identifying th	e agency assigning the code values		
			TI	Telecommunications Industry		
М	SI02	1000	Service Characte	ristics Qualifier	Μ	AN 2/2
			Code from an indu characteristics	stry code list qualifying the type of serv	ice	
			AA	Account Activity		
			IW	Inside Wire Options		
			LS	Local Serving Office		
			RE	Requisition Type		
			TY	Type of Service		
Μ	SI03	234	Product/Service	ID	Μ	AN 1/48
			Identifying number	for a product or service		
			C=(DWS : C-Ch V=(DWS : V-Co SD=(DWS : L-S RS=(DWS : B-R T=(DWS : T-Out W=(DWS : W-C	w Installation) sconnect of Entire Account) ange) nversion As Specified) easonal Suspend (not valid in WA or O side Move(T/F)) onversion As Is) nversion As Spec/No Listing)	R))	
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REQTYP (LSR-23) = Requisition Type and Status
LSO (LSR-43) = Local Service Office
TOS (LSR-44) = Type of Service
IWO (EU-36) = Inside Wire Options

Segment:	PID Product/Item Description
Position:	1900
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	200
Purpose:	To describe a product or process in coded or free-form format
Syntax Notes:	1 If PID04 is present, then PID03 is required.
•	2 At least one of PID04 or PID05 is required.
	3 If PID07 is present, then PID03 is required.
	4 If PID08 is present, then PID04 is required.
	5 If PID09 is present, then PID05 is required.
Semantic Notes:	1 Use PID03 to indicate the organization that publishes the code list
	being referred to.
	2 PID04 should be used for industry-specific product description codes.
	<b>3</b> 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.
	<b>3</b> PID07 specifies the individual code list of the agency specified in PID03.
Notes:	PID*S**TI*CONVIND***SO-RSQ*CONVIND (LSR-24a)
	PID*S**TI*AO***SO-RSQ*AGAUTH (LSR-35)
	PID*S**TI*BI***SO-RSQ*FBI (EU-42)
	PID*S**TI*PENDING***SO-RSQ*PENDING ORDER (LSR-108b)

			Data Elemen	t Sullillal y		
	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>			
М	PID01	349	Item Descriptio	n Type	Μ	ID 1/1
			Code indicating	the format of a description		
			S	Structured (From Industry Code List)		
	PID03	559	Agency Qualifi	er Code	Х	ID 2/2
			Code identifying	the agency assigning the code values		
			П	Telecommunications Industry		
	PID04	751	Product Descri	ption Code	Х	AN 1/12
			A code from an product character	industry code list which provides specific eristic	data	a about a
			AO	Agency Authorization Status		
			BI	Final Bill Information Indicator		
			CONVIND	Conversion Indicator		
			PENDING	Pending Order		
	PID07	822	Source Subqua	alifier	0	AN 1/15
			A reference that	indicates the table or text maintained by	the	Source

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PID08	1073	Qualifier       SO-RSQ       Service Order - Reseller Questions list         Yes/No Condition or Response Code       Code indicating a Yes or No condition or response	st O	ID 1/1
		CONVIND (LSR-24a) = Conversion Indicator Y=(DWS : F-Full) N=(DWS : P-Partial)		
		FBI (EU-42) = Final Bill Information Indicator N=(DWS : E-Existing(Default)) Y=(DWS : D-Different)		
		AGAUTH (LSR-35) = Agency Authorization Status 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.
	<b>3</b> If either C04003 or C04004 is present, then the other is required.
	<b>4</b> If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 N906 reflects the time zone which the time reflects.
	2 N907 contains data relating to the value cited in N902.
Comments:	
Notes:	N9*H7*ORI*RESALE****2W>MANUAL IND (RE-60b)
	Data Element Summary
Ref.	Data
Des.	Element Name
Attributos	

	<u>Attributes</u>						
Μ	N901	128	Reference Identification Qualifier		ID 2/3		
			Code qualifying the Reference Identification				
			H7 Standard Clause				
	N902	127	Reference Identification	Х	AN 1/30		
			Reference information as defined for a particular Transac specified by the Reference Identification Qualifier ORI Order Instructions	tion	Set or as		
	N903	369	Free-form Description	Х	AN 1/45		
			Free-form descriptive text				
			"RESALE"				
	N907	C040	Reference Identifier	0			
			To identify one or more reference numbers or identification specified by the Reference Qualifier	on nu	mbers as		
М	C04001	128	Reference Identification Qualifier	Μ	ID 2/3		
			Code qualifying the Reference Identification				
			2W Change Order Authority				
М	C04002	127	Reference Identification	Μ	AN 1/30		
			Reference information as defined for a particular Transaction Se specified by the Reference Identification Qualifier				
			MANUAL IND (RE-60b) = Manual Indicator				

Segment:	MTX Text		
Position:	2900		
Loop:	N9 Optional		
Level:	Heading		
Usage:	Optional		
Max Use:	>1		
Purpose:	To specify textual data		
Syntax Notes:	<ol> <li>If MTX01 is present, then MTX02 is required.</li> </ol>		
	2 If MTX03 is present, then MTX02 is required.		
	<b>3</b> If MTX05 is present, then MTX04 is required.		
Semantic Notes:	1 MTX05 is the number of lines to advance before printing.		
Comments:	<ol> <li>If MTX04 is "AA - Advance the specific number of lines before pr then MTX05 is required.</li> </ol>	int"	,
Notes:	MTX**REMARKS (RE-60a)		
	Data Element Summary		
Ref.	Data Element Gummary		
Des.	Element Name		
Attributes			
MTX02	1551 Message Text	Х	AN 1/4096

To transmit large volumes of message text

REMARKS (RE-60a) = Remarks

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes:	2850 N9 Heading Optional 1 To transu Identifica 1 At le 2 If N9 3 If eit 4 If eit 1 N90	Reference Identification Optional mit identifying information as specified by the Reference tion Qualifier ast one of N902 or N903 is required. 06 is present, then N905 is required. her C04003 or C04004 is present, then the other is require her C04005 or C04006 is present, then the other is require 6 reflects the time zone which the time reflects. 7 contains data relating to the value cited in N902.		
Comments: Notes:				
Notes:		RI*LSR****2W>MANUAL IND (LSR-108a)		
		Data Element Summary		
Ref.	Data			
<u>Des.</u> Attributes	<u>Element</u>	Name		
I N901	128	Reference Identification Qualifier	М	ID 2/3
		Code qualifying the Reference Identification		
		H7 Standard Clause		
N902	127	Reference Identification	Х	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	Χ	AN 1/45
		Free-form descriptive text		
		"LSR"		
N907	C040	Reference Identifier	0	

specified by the Reference Qualifier

**Reference Identification** 

**Reference Identification Qualifier** 

Code qualifying the Reference Identification

specified by the Reference Identification Qualifier MANUAL IND (LSR-108a) = Manual Indicator

To identify one or more reference numbers or identification numbers as

Reference information as defined for a particular Transaction Set or as

Change Order Authority

C04001

C04002

128

127

2W

М

М

М

Μ

Μ

ID 2/3

AN 1/30

Segment:	MTX Text		
Position:	2900		
Loop:	N9 Optional		
Level:	Heading		
Usage:	Optional		
Max Use:	>1		
Purpose:	To specify textual data		
Syntax Notes:	<ol> <li>If MTX01 is present, then MTX02 is required.</li> </ol>		
	2 If MTX03 is present, then MTX02 is required.		
	<b>3</b> If MTX05 is present, then MTX04 is required.		
Semantic Notes:	1 MTX05 is the number of lines to advance before printing.		
Comments:	<ol> <li>If MTX04 is "AA - Advance the specific number of lines before pr then MTX05 is required.</li> </ol>	int",	,
Notes:	MTX**REMARKS (LSR-108)		
	Data Element Summary		
Ref.	Data		
Des.	<u>Element</u> <u>Name</u>		
<u>Attributes</u>			
MTX02	1551 Message Text	X	AN 1/4096

To transmit large volumes of message text

REMARKS (LSR-108) = Remarks

Segment:	N9 ₁	Reference Identification		
Position:	2850			
Loop:	N9	Optional		
Level:	Heading			
Usage:	Optional			
Max Use:	1			
Purpose:	To trans	mit identifying information as specified by the Reference		
•		ation Qualifier		
Syntax Notes:	<b>1</b> At le	east one of N902 or N903 is required.		
•		906 is present, then N905 is required.		
		ther C04003 or C04004 is present, then the other is required	d.	
		ther C04005 or C04006 is present, then the other is required		
Semantic Notes:		6 reflects the time zone which the time reflects.		
	<b>2</b> N90	7 contains data relating to the value cited in N902.		
Comments:		· · · · · · · · · · · · · · · · · · ·		
Notes:	N9*H7*(	DRI*EU****2W>MANUAL IND (EU-63a)		
		Data Element Summary		
Ref.	Data			
Des.	<u>Element</u>	<u>Name</u>		
<u>Attributes</u>				
N901	128	Reference Identification Qualifier	Μ	ID 2/3

	Attributes				
Μ	N901	128	Reference Identification Qualifier	Μ	ID 2/3
			Code qualifying the Reference Identification		
			H7 Standard Clause		
	N902	127	Reference Identification	Х	AN 1/30
			Reference information as defined for a particular Transac specified by the Reference Identification Qualifier ORI Order Instructions	ction \$	Set or as
	N903	369	Free-form Description	Х	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	on nu	mbers as
М	C04001	128	Reference Identification Qualifier	Μ	ID 2/3
			Code qualifying the Reference Identification		
			2W Change Order Authority		
м	C04002	127	Reference Identification	Μ	AN 1/30
			Reference information as defined for a particular Transac specified by the Reference Identification Qualifier	ction \$	Set or as
			MANUAL IND (EU-63a) = Manual Indicator		

Segment:	MTX Text		
Position:	2900		
Loop:	N9 Optional		
Level:	Heading		
Usage:	Optional		
Max Use:	>1		
Purpose:	To specify textual data		
Syntax Notes:	<ol> <li>If MTX01 is present, then MTX02 is required.</li> </ol>		
	2 If MTX03 is present, then MTX02 is required.		
	3 If MTX05 is present, then MTX04 is required.		
Semantic Notes:	<ol> <li>MTX05 is the number of lines to advance before printing.</li> </ol>		
Comments:	<ol> <li>If MTX04 is "AA - Advance the specific number of lines before p then MTX05 is required.</li> </ol>	rint"	,
Notes:	MTX**REMARKS (EU-63)		
	Data Element Summary		
Ref.	Data		
Des.	<u>Element</u> <u>Name</u>		
<u>Attributes</u>			
MTX02	1551 Message Text	Х	AN 1/4096

To transmit large volumes of message text

REMARKS (EU-63) = Remarks

Segment:	N1 Name
Position:	3000
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	<ol> <li>At least one of N102 or N103 is required.</li> </ol>
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	<ol> <li>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.</li> <li>N105 and N106 further define the type of entity in N101.</li> </ol>
Notes:	N1*78*CCNA (LSR-1)

Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	<u>Name</u>			
N101	98	Entity Identifie	r Code	Μ	ID 2/3
		Code identifying an individual 78	g an organizational entity, a physical loc Service Requester	ation,	property or
N102	93	Name		Х	AN 1/60
		Free-form name			
		CCNA (LSR-1) :	= Customer Carrier Name Abbreviation		

# **PER** Administrative Communications Contact

Segment:

Position: Loop:	3500 N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To identify a person or office to whom administrative communications
	should be directed
tax Notes:	1 If either PER03 or PER04 is present, then the other is required.
	2 If either PER05 or PER06 is present, then the other is required.
	3 If either PER07 or PER08 is present, then the other is required

**3** If either PER07 or PER08 is present, then the other is required.

#### Semantic Notes: Comments:

Syntax

М

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 Eleme	nt Summary		
Ref.	Data				
Des.	<u>Element</u>	<u>Name</u>			
Attributes	366	Contract Funct	ion Codo	м	ID 2/2
PER01	300	Contact Funct			
		named	g the major duty or responsibility of the	person	or group
		AG	Agent		
		AL	Alternate Contact		
			Person to be contacted when the	main co	ntact is no
			available		
		CN	General Contact		
PER02	93	Name		Ο	AN 1/60
		Free-form name	e		
			- Initiator Identification		
			-91) = Implementation Contact		
			LSR-94) = Alternate Implementation Co		
PER03	365		on Number Qualifier	Х	ID 2/2
			g the type of communication number		
5554		TE	Telephone	X	
PER04	364	Communicatio		Х	AN 1/256
			munications number including country o	r area c	code when
		applicable	32) = Telephone Number		
			(92) = Telephone Number		
		TEL NO (LSR-9	95) = Telephone Number		
PER05	365	Communication	on Number Qualifier	Х	ID 2/2
		Code identifying	g the type of communication number		
		BN	Beeper Number		
		FX	Facsimile		
PER06	364	Communicatio	on Number	Х	AN 1/256
		Complete comr applicable	munications number including country o	r area c	code when
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		FAX NO (LSR-84) = Facsimile Number PAGER (LSR-93) = Pager Number		
		PAGER (LSR-96) = Pager Number		
PER07	365	Communication Number Qualifier	Х	ID 2/2
		Code identifying the type of communication number		
		EM Electronic Mail		
PER08	364	Communication Number	Х	AN 1/256
		Complete communications number including country or applicable	area o	code when
		EMAIL (LSR-83) = Electronic Mail Address		

Segment:	N1 ⊾	Name			
Position:	3000				
Loop:	N1	Optional			
Level:	Heading	•			
Usage:	Optional				
Max Use:	1				
Purpose:	To identi	ify a party by	type of organization, nar	ne, and code	
Syntax Notes:			02 or N103 is required.		
-,			104 is present, then the	other is required.	
Semantic Notes:					
Comments: Notes:	prov "ID ( trans <b>2</b> N10	iding organiza Code" (N104) saction proce	ssing party. urther define the type of e	bbtain this efficiency the e table maintained by the	3
10165.			(-57)		
		Data Elei	ment Summary		
Ref.	Data				
Des.	Element	<u>Name</u>			
<u>Attributes</u>					
I N101	98	Entity Ident	ifier Code	М	ID 2/3
		Code identif an individual		ntity, a physical location,	property or
		AN	Authorized From		

N102 93 Name Free-form name

AUTHNM (LSR-37) = Authorization Name

A geographic location designated as an authorized pick-up or origin point for a shipment

Μ

X AN 1/60

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.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the
	transaction processing party.
	2 N105 and N106 further define the type of entity in N101.
Notes:	N1*X1*BILLNM (EU-43)
	Data Element Summary

		Butu Elomont	<b>,</b>		
Ref. Des.	Data Element	Name			
Attributes		<u>Itunio</u>			
N101	98	Entity Identifier (	Code	Μ	ID 2/3
		Code identifying a an individual	n organizational entity, a physical loca	tion,	property or
		X1	Mail to		
			An address to which a specified item	n is to	be mailed
N102	93	Name		Х	AN 1/60
		Free-form name			
		BILLNM (EU-43) =	= Bill Name		

Μ

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments:	3100 N1 Heading Optional 2	Additional Name Information Optional fy additional names				
Notes:	N2*SBIL	N2*SBILLNM (EU-44)				
Ref.	Data	Data Element Summary				
Des.	<u>Element</u>	Name				
<u>Attributes</u> M N201	93	Name Free-form name SBILLNM (EU-44) = Secondary Bill Name	Μ	AN 1/60		

Segment:	N4 a	Beographic Location					
Position:	3300						
Loop:	N1	Optional					
Level:	Heading						
Usage:	Optional						
Max Use:	>1						
Purpose:	To speci	fy the geographic place of the named party					
Syntax Notes:		one of N402 or N407 may be present.					
		06 is present, then N405 is required.					
	3 If N4	07 is present, then N404 is required.					
Semantic Notes:			_				
Comments:		······································					
		dequate to specify a location.					
N		2 is required only if city name (N401) is in the U.S. or Can	ada.				
Notes:	N4^^STA	TE (EU-49)*ZIP (EU-50)					
		Data Element Summary					
Ref.	Data						
Des.	<u>Element</u>	<u>Name</u>					
<u>Attributes</u>							
N402	156	State or Province Code	Х	ID 2/2			
		Code (Standard State/Province) as defined by appropriate government					
		agency					
		STATE (EU-49) = State/Province					
N403	116	Postal Code	0	ID 3/15			

110		10 3/15
	Code defining international postal zone code excluding punct	uation and
	blanks (zip code for United States)	
	ZIP (EU-50) = ZIP/Postal Code	

NX2 Location ID Component Segment: Position: 3350 Loop: N1 Optional Level: Heading Optional Usage: 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**

			Data Element	Summary			
	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>				
М	NX201	1106	Address Compor	nent Qualifier	Μ	ID 2/2	
			Code qualifying the	e type of address component			
			01	Street Number			
			02	Street Name			
			03	Prefix Direction			
			07	City Name			
			32	Floor			
				A particular floor or level of a building			
			35	Room			
				A walled room or partitioned area of a	builc	ling	
			40	Street Suffix			
			59	Street Number Low			
			61	Street Number Fraction			
			62	Street Name Suffix			
Μ	NX202	166	Address Informat	ion	Μ	AN 1/5	5
			Address informatio	n			
			SASN (EU-45e) = SASD (EU-45d) = CITY (EU-48) = Cit FLOOR (EU-46) = ROOM/MAIL STO SASS (EU-45g) = SAPR (EU-45a) = SASF (EU-45c) =				

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Segment:	SI Service Characteristic Identification
Position:	3550
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.
•	2 If either SI06 or SI07 is present, then the other is required.
	3 If either SI08 or SI09 is present, then the other is required.
	4 If either SI10 or SI11 is present, then the other is required.
	5 If either SI12 or SI13 is present, then the other is required.
	6 If either SI14 or SI15 is present, then the other is required.
	7 If either SI16 or SI17 is present, then the other is required.
	8 If either SI18 or SI19 is present, then the other is required.
	9 If either SI20 or SI21 is present, then the other is required.
Semantic Notes:	
Comments:	<ol> <li>SI01 defines the source for each of the service characteristics qualifiers.</li> </ol>
Notes:	SI*TI*AF*AFT (EU-44a)

	Ref.	Data			
	<u>Des.</u> Attributes	<u>Element</u>	Name		
м	SI01	559	Agency Qualifier Code	м	ID 2/2
IVI	3101	559	•	IVI	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
М	SI02	1000	Service Characteristics Qualifier	Μ	AN 2/2
			Code from an industry code list qualifying the type of service characteristics	/ice	
			AF Address Format Type		
М	SI03	234	Product/Service ID	Μ	AN 1/48
			Identifying number for a product or service		
			AFT (EU-44a) = Address Format Type		

# $\ensuremath{\textbf{POC}}$ Line Item Change - End User Form (Location and Access

•	
	Section)
Position:	0100
Loop:	POC Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify changes to a line item
Syntax Notes:	1 If POC03 is present, then both POC04 and POC05 are required.
	2 If POC07 is present, then POC06 is required.
	<b>3</b> If either POC08 or POC09 is present, then the other is required.
	4 If either POC10 or POC11 is present, then the other is required.
	5 If either POC12 or POC13 is present, then the other is required.
	6 If either POC14 or POC15 is present, then the other is required.
	7 If either POC16 or POC17 is present, then the other is required.
	8 If either POC18 or POC19 is present, then the other is required.
	9 If either POC20 or POC21 is present, then the other is required.
	<b>10</b> If either POC22 or POC23 is present, then the other is required.
	<b>11</b> If either POC24 or POC25 is present, then the other is required.
	<b>12</b> If either POC26 or POC27 is present, then the other is required.
Semantic Notes:	<b>1</b> POC01 is the purchase order line item identification.
Comments:	

POC*n*RZ*****ZZ*EU_SA [POC Loop may repeat]

Segment:

Notes:

М

		Data Element	Summary		
Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	<u>Name</u>			
POC01	350	Assigned Identifie	cation	Ο	AN 1/20
		set	racters assigned for differentiation withi	n a ti	ransaction
		-	ID within POC loop		
POC02	670	Change or Respo	onse Type Code	М	ID 2/2
		Code specifying th RZ	e type of change to the line item Replace All Values		
			Receiver should replace the corresport the original purchase order with the variant the Purchase Order Change Transa	alues	contained
POC08	235	Product/Service	ID Qualifier	Х	ID 2/2
		Code identifying th Product/Service ID ZZ	e type/source of the descriptive numbe (234) Mutually Defined	r use	ed in
POC09	234	Product/Service	ID	Χ	AN 1/48
		Identifying number	for a product or service		
		"EU_SA"			

Segment:	SI Service Characteristic Identification
Position:	0180
Loop:	POC Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.
	2 If either SI06 or SI07 is present, then the other is required.
	<b>3</b> If either SI08 or SI09 is present, then the other is required.
	4 If either SI10 or SI11 is present, then the other is required.
	5 If either SI12 or SI13 is present, then the other is required.
	6 If either SI14 or SI15 is present, then the other is required.
	7 If either SI16 or SI17 is present, then the other is required.
	8 If either SI18 or SI19 is present, then the other is required.
	9 If either SI20 or SI21 is present, then the other is required.
Semantic Notes:	
Comments:	<b>1</b> SI01 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>				
Μ	SI01	559	Agency Qualifier Code	Μ	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
Μ	SI02	1000	Service Characteristics Qualifier	Μ	AN 2/2
			Code from an industry code list qualifying the type of serv characteristics	ice	
			OP Working Service on Premises		
М	SI03	234	Product/Service ID	Μ	AN 1/48
			Identifying number for a product or service		
			WSOP (EU-31) = Working Service on Premises		
	SI04	1000	Service Characteristics Qualifier	Χ	AN 2/2
			Code from an industry code list qualifying the type of serv characteristics	ice	
			TN Telephone Number		
	SI05	234	Product/Service ID	Χ	AN 1/48
			Identifying number for a product or service		
			WSOP TEL NO (EU-31a) = Working Service on Premises Number	Tel	ephone

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes:	0500 PID Detail Optional 1 To descr	Product/Item Description Optional ibe a product or process in coded or free-form format D04 is present, then PID03 is required.		
Semantic Notes:	<ul> <li>3 If PII</li> <li>4 If PII</li> <li>5 If PII</li> <li>1 Use being</li> </ul>	ast one of PID04 or PID05 is required. D07 is present, then PID03 is required. D08 is present, then PID04 is required. D09 is present, then PID05 is required. PID03 to indicate the organization that publishes the code g referred to. D4 should be used for industry-specific product description des.	) list	
Comments:	in Pl item inde PID( 1 If Pll PID( usec 2 Use bein 3 PID(	PID06 when necessary to refer to the product surface or la g described in the segment. )7 specifies the individual code list of the agency specified	this nen are ayer	
Notes:	PIDC PID*S**1	)3. TI*ANV***SO-RSQ*ANV (EU-8a)		
Ref. <u>Des.</u>	Data <u>Element</u>	Data Element Summary <u>Name</u>		
Attributes I PID01	349	Item Description Type	м	ID 1/1
		Code indicating the format of a descriptionSStructured (From Industry Code List)		
PID03	559	Agency Qualifier CodeCode identifying the agency assigning the code valuesTITelecommunications Industry	X	ID 2/2
PID04	751	Product Description Code A code from an industry code list which provides specific product characteristic ANV Address Not Validated Indicator	<b>X</b> data	AN 1/12 about a
PID07	822	Source Subqualifier A reference that indicates the table or text maintained by Qualifier SO-RSQ Service Order - Reseller Questions lis		AN 1/15 Source
PID08	1073	Yes/No Condition or Response Code Code indicating a Yes or No condition or response ANV (EU-8a) = Address Not Validated Indicator	0	ID 1/1

		-		
Segment:	KEF	Reference Identification		
Position:	1000			
Loop:	POC	Optional		
Level:	Detail			
Usage:	Optional			
Max Use:	>1			
Purpose:	•	fy identifying information		
Syntax Notes:		ast one of REF02 or REF03 is required.		
		her C04003 or C04004 is present, then the other is re		
		her C04005 or C04006 is present, then the other is re		
Semantic Notes:	1 REF	04 contains data relating to the value cited in REF02		
Comments:				
Notes:	KEF IA	LOCNUM (EU-7)*LOCNUM		
		Data Element Summary		
Ref.	Data	Data Liement Summary		
Des.	Element	Name		
Attributes		<u>Numb</u>		
REF01	128	Reference Identification Qualifier	М	ID 2/3
		Code qualifying the Reference Identification		
		IX Item Number		
	407		v	ANI 4/20
REF02	127	Reference Identification	Х	AN 1/30
		Reference information as defined for a particular Tra specified by the Reference Identification Qualifier	Insaction S	Set or as
		LOCNUM (EU-7) = Location Number		
REF03	352	Description	Х	AN 1/80
	002	•		
		A free-form description to clarify the related data ele	ments and	
		content "LOCNUM"		

М

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>	Name		
М	N901	128	Reference Identification Qualifier	Μ	ID 2/3
			Code qualifying the Reference Identification L1 Letters or Notes		
	N902	127	Reference Identification	Х	AN 1/30
			Reference information as defined for a particular Transacspecified by the Reference Identification QualifierACCAccess Instructions	tion \$	Set or as
	N903	369	Free-form Description	Х	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.
	2 If MTX03 is present, then MTX02 is required.
	<b>3</b> If MTX05 is present, then MTX04 is required.
Semantic Notes:	1 MTX05 is the number of lines to advance before printing.
Comments:	<ol> <li>If MTX04 is "AA - Advance the specific number of lines before print", then MTX05 is required.</li> </ol>
Notes:	MTX**ACC (EU-30)
	Data Element Summary
Ref.	Data
Des.	Element Name

Attributes		Manie		
MTX02	1551	Message Text	Х	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:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	<ol> <li>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.</li> <li>N105 and N106 further define the type of entity in N101.</li> </ol>
Notes:	N1*IT*NAME (EU-8)

Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	<u>Name</u>			
N101	98	Entity Identifi	ier Code	М	ID 2/3
		Code identifyir an individual IT	ng an organizational entity, a physication on Site	sical location,	property or
N102	93	Name		Х	AN 1/60
		Free-form nam	ne		
		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.
	2 If N406 is present, then N405 is required.
	3 If N407 is present, then N404 is required.
Semantic Notes:	
Comments:	1 A combination of either N401 through N404, or N405 and N406 may
	be adequate to specify a location.
	2 N402 is required only if city name (N401) is in the U.S. or Canada.
Notes:	N4**STATE (EU-25)*ZIP (EU-26)**RJ*CALA (EU-26a)
	Data Element Summary
Ref.	Data
Des.	Element Name
<u>Attributes</u>	
N1400	AEC Chata an Duavinas Cada V ID 0/0

<u>Attributes</u>					
N402	156	State or Prov	vince Code	Х	ID 2/2
		agency	rd State/Province) as defined by appropri-	ate gov	rernment
		STATE (EU-2	5) = State/Province		
N403	116	Postal Code		0	ID 3/15
		•	international postal zone code excluding de for United States)	punctu	ation and
		ZIP (EU-26) =	ZIP/Postal Code		
N405	309	Location Qu	alifier	Х	ID 1/2
		Code identifyi	ng type of location		
		RJ	Region		
N406	310	Location Ide	ntifier	0	AN 1/30
		Code which ic	dentifies a specific location		
		CALA (EU-26	a) = Customer Address Location Area		

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes:

Μ

Semantic Notes: Comments: Notes:

# NX2 Location ID Component

3750 N1 Optional Detail Optional >1 To define types and values of a geographic location 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	, anninar y		
Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	<u>Name</u>			
NX201	1106	Address Compon	ent Qualifier	М	ID 2/2
		Code qualifying the	e type of address component		
		LD1 (EU-17) = Loc 13=(DWS : APT) 34=(DWS : LOT) 35=(DWS : RM) 36=(DWS : SLIP 37=(DWS : UNIT 14=(DWS : SUIT LD2 (EU-19) = Loc	) ) )		
		32=(DWS : FLR)	-		
		LD3 (EU-21) = Loc 12=(DWS : BLD0 63=(DWS : WN0 30=(DWS : PIER	G) G) C)		
		01	Street Number		
		02	Street Name		
		03	Prefix Direction		
		05 06	P.O. Box Number Rural Route Number		
		06 07			
		12	City Name Building Name		
		12			

	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
166	Address Informat	ion M AN 1/55
	Address informatio	
		Service Address Number
		Service Address Street Name Service Address Street Directional Prefix
	BOX (EU-23c) = B	
	ROUTE (EU-23b) =	
	CITY (EU-24) = Cit	ty
		ssigned House Number
	. ,	Service Address Street Directional Suffix
		ervice Address Number Prefix ervice Address Number Suffix
		ervice Address Street Type
	LV1 (EU-18) = Loc	
	LV2 (EU-20) = Loc	

LV3 (EU-22) = Location Value 3

Μ

NX202

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments:	<ul> <li>PER Administrative Communications Contact</li> <li>3900</li> <li>N1 Optional</li> <li>Detail</li> <li>Optional</li> <li>3</li> <li>To identify a person or office to whom administrative communications should be directed</li> <li>1 If either PER03 or PER04 is present, then the other is required.</li> <li>2 If either PER05 or PER06 is present, then the other is required.</li> <li>3 If either PER07 or PER08 is present, then the other is required.</li> </ul>					
Notes:	PER [*] CA	*LCON (EU-27)*TE*TEL NO (EU-28)				
Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	Data Element Summary <u>Name</u>				
PER01	366	Contact Function Code	Μ	ID 2/2		
		Code identifying the major duty or responsibility of the penamed CA Customer Contact Granting Appointm		or group		
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	Х	AN 1/256		
		Complete communications number including country or a applicable TEL NO (EU-28) = Telephone Number	rea o	code when		

Updated: March 11, 2002

Segment:	SI Service Characteristic Identification
Position:	3950
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.
2	2 If either SI06 or SI07 is present, then the other is required.
	3 If either SI08 or SI09 is present, then the other is required.
	4 If either SI10 or SI11 is present, then the other is required.
	<ul><li>5 If either SI12 or SI13 is present, then the other is required.</li></ul>
	6 If either SI14 or SI15 is present, then the other is required.
	7 If either SI16 or SI17 is present, then the other is required.
	8 If either SI18 or SI19 is present, then the other is required.
	<b>9</b> 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*AF*AFT (EU-9)

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

#### **POC** Line Item Change - End User Form (Disconnect Segment: Information Section) Position: 0100 POC Loop: Optional Level: Detail Usage: Optional Max Use: 1 **Purpose:** To specify changes to a line item Syntax Notes: If POC03 is present, then both POC04 and POC05 are required. 1 If POC07 is present, then POC06 is required. 2 3 If either POC08 or POC09 is present, then the other is required. If either POC10 or POC11 is present, then the other is required. 4 If either POC12 or POC13 is present, then the other is required. 5 6 If either POC14 or POC15 is present, then the other is required. If either POC16 or POC17 is present, then the other is required. 7 8 If either POC18 or POC19 is present, then the other is required. 9 If either POC20 or POC21 is present, then the other is required. 10 If either POC22 or POC23 is present, then the other is required. 11 If either POC24 or POC25 is present, then the other is required. 12 If either POC26 or POC27 is present, then the other is required. Semantic Notes: POC01 is the purchase order line item identification. 1

### Comments: Notes:

### POC*n*RZ*****ZZ*EU_DISC [POC Loop may repeat]

	Ref. Des.	Data <u>Element</u>	Name		
	<u>Attributes</u>		Name		
	POC01	350	Assigned Identification	0	AN 1/20
			Alphanumeric characters assigned for differentiation within set	n a ti	ransaction
			"n" = nth assigned ID within POC loop		
Μ	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	Χ	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	Х	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.
•	2 If either SI06 or SI07 is present, then the other is required.
	3 If either SI08 or SI09 is present, then the other is required.
	4 If either SI10 or SI11 is present, then the other is required.
	5 If either SI12 or SI13 is present, then the other is required.
	6 If either SI14 or SI15 is present, then the other is required.
	<ul><li>7 If either SI16 or SI17 is present, then the other is required.</li></ul>
	<ul><li>8 If either SI18 or SI19 is present, then the other is required.</li></ul>
	<ul><li>9 If either SI20 or SI21 is present, then the other is required.</li></ul>
Semantic Notes:	
Comments:	1 SI01 defines the source for each of the service characteristics
comments.	qualifiers.
Notes:	SI*TI*ND*DISC NBR (EU-55)
	SI*TI*T6*TC OPT (EU-57)

			Data Element	Summary		
	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>			
Μ	SI01	559	Agency Qualifie	er Code	Μ	ID 2/2
			Code identifying	the agency assigning the code values		
			TI	Telecommunications Industry		
М	SI02	1000	Service Charact	teristics Qualifier	М	AN 2/2
			characteristics	lustry code list qualifying the type of ser Disconnect Number	vice	
			ND			
			T6	Transfer of Calls Options		
Μ	SI03	234	Product/Service	e ID	Μ	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:	•	fy identifying information		
Syntax Notes:		east one of REF02 or REF03 is required.		
		her C04003 or C04004 is present, then the other is requi		
•		her C04005 or C04006 is present, then the other is requi	red.	
Semantic Notes:	1 REF	04 contains data relating to the value cited in REF02.		
Comments: Notes:				
Notes.	KEF IA	DNUM (EU-54)*DNUM		
		Data Floment Summary		
Ref.	Data	Data Element Summary		
Des.	Element	Name		
Attributes		Name		
REF01	128	Reference Identification Qualifier	м	ID 2/3
		Code qualifying the Reference Identification		
		IX Item Number		
REF02	127	Reference Identification	Х	AN 1/30
		Reference information as defined for a particular Transa specified by the Reference Identification Qualifier	iction \$	Set or as
		DNUM (EU-54) = Disconnect Line Number		
REF03	352	Description	х	AN 1/80
	002	A free-form description to clarify the related data eleme		
			no all	
		content		
		content "DNUM"		

М

Segment: Position: Loop: Level: Usage:	DTN 2000 POC Detail Optional	Date/Time Reference					
Max Use:	10						
Purpose:	To speci	y pertinent dates and times					
Syntax Notes:	2 If DT	<ol> <li>At least one of DTM02 DTM03 or DTM05 is required.</li> <li>If DTM04 is present, then DTM03 is required.</li> </ol>					
Semantic Notes: Comments:							
Notes:	DTM*376	*TC PER{CCYYMMDD}(EU-62)					
Ref.	Data	Data Element Summary					
Des.	Element	Name					
Attributes		Nume					
DTM01	374	Date/Time Qualifier	М	ID 3/3			
		Code specifying type of date or time, or both 376 Delivery End The date that deliveries w					
DTM02	373	Date	х	DT 8/8			
-		Date expressed as CCYYMMDD					
		TC PER (EU-62) = Transfer of Calls Period					
		. ,					

Updated: March 11, 2002

М

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes:	4600 SLN Detail Optional 1 To specif 1 If eith 2 If SL	Subline Item Detail Optional by product subline detail item data her SLN04 or SLN05 is present, then the other is required. N07 is present, then SLN06 is required.	
Semantic Notes: Comments:	<ul> <li>4 If eith</li> <li>5 If eith</li> <li>6 If eith</li> <li>7 If eith</li> <li>8 If eith</li> <li>9 If eith</li> <li>10 If eith</li> <li>11 If eith</li> <li>12 If eith</li> <li>13 If eith</li> <li>14 SLN0</li> <li>2 SLN0</li> <li>14 SLN0</li> <li>2 SLN0</li> <li>15 See</li> <li>2 SLN0</li> <li>16 See</li> <li>2 SLN0</li> <li>16 See</li> <li>2 SLN0</li> <li>17 See</li> <li>2 SLN0</li> <li>18 SEN0</li> <li>19 See</li> <li>2 SLN0</li> <li>10 See</li> <li></li></ul>	N08 is present, then SLN06 is required. her SLN09 or SLN10 is present, then the other is required. her SLN11 or SLN12 is present, then the other is required. her SLN15 or SLN16 is present, then the other is required. her SLN17 or SLN18 is present, then the other is required. her SLN19 or SLN20 is present, then the other is required. her SLN21 or SLN22 is present, then the other is required. her SLN23 or SLN24 is present, then the other is required. her SLN25 or SLN26 is present, then the other is required. her SLN25 or SLN26 is present, then the other is required. her SLN27 or SLN28 is present, then the other is required. her SLN27 or SLN28 is present, then the other is required. D1 is the identifying number for the subline item. D2 is the identifying number for the subline level. The subline is analogous to the level code used in a bill of materials. D3 is the configuration code indicating the relationship of the ne item to the baseline item. D8 is a code indicating the relationship of the price or amount to her SLN26 to (but not necessarily equivalent to) the baseline number. Example: 1.1 or 1A might be used as a subline number late to baseline number 1. D9 through SLN28 provide for ten different product/service IDs ach item. For example: Case, Color, Drawing No., U.P.C. No., I No., Model No., or SKU.	
Notes:		PRI*n*A*1*EA	
Ref. Des.	Data <u>Element</u>	Data Element Summary	
<u>Des.</u> <u>Attributes</u>		<u>name</u>	
1 SLN01	350	Alphanumeric characters assigned for differentiation within a transa set	<b>1/20</b> action
SLN02	350	"TCPRI" Assigned Identification O AN	1/20
OLN02		Alphanumeric characters assigned for differentiation within a transa set "n" = nth assigned ID within SLN loop	
I SLN03	662	Relationship Code M ID 1	1/1
		Code indicating the relationship between entities A Add	
SLN04	380	Quantity X R 1/	/15

Numeric value of quantity

Μ

			1 Always One	
	SLN05	C001	Composite Unit of Measure	X
М	C00101	355	To identify a composite unit of measure (See Figur examples of use) Unit or Basis for Measurement Code	res Appendix for M ID 2/2
	000101	555	Code specifying the units in which a value is being manner in which a measurement has been taken EA Each	

Segment:	SI Service Characteristic Identification
Position: Loop: Level: Usage:	4700 SLN Optional Detail Optional
Max Use:	>1 To specify service characteristic data
Purpose: Syntax Notes:	<ul> <li>To specify service characteristic data</li> <li>If either SI04 or SI05 is present, then the other is required.</li> <li>If either SI06 or SI07 is present, then the other is required.</li> <li>If either SI08 or SI09 is present, then the other is required.</li> <li>If either SI10 or SI11 is present, then the other is required.</li> <li>If either SI12 or SI13 is present, then the other is required.</li> <li>If either SI14 or SI15 is present, then the other is required.</li> <li>If either SI16 or SI17 is present, then the other is required.</li> <li>If either SI18 or SI17 is present, then the other is required.</li> <li>If either SI18 or SI19 is present, then the other is required.</li> </ul>
Semantic Notes:	<b>9</b> If either SI20 or SI21 is present, then the other is required.
Comments:	1 SI01 defines the source for each of the service characteristics qualifiers.
Notes:	SI*TI*TC*TC TO PRI (EU-58)

	Ref.	Data			
	Des.	<u>Element</u>	<u>Name</u>		
	<u>Attributes</u>				
М	SI01	559	Agency Qualifier Code	Μ	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
М	SI02	1000	Service Characteristics Qualifier	Μ	AN 2/2
			Code from an industry code list qualifying the type of service characteristics	vice	
			TC Transfer Announcement Number		
М	SI03	234	Product/Service ID	Μ	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:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the
	"ID Code" (N104) must provide a key to the table maintained by the
	transaction processing party.
	2 N105 and N106 further define the type of entity in N101.
Notes:	N1*TT*TC NAME (EU-58b)

Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	Name	
N101	98	Entity Identifier Code	M ID 2/3
		Code identifying an organizational entity, a physian individual TT Transfer To	sical location, property or
N102	93	Name	X AN 1/60
		Free-form name	
		TC NAME (EU-58b) = Transfer of Calls to Name	)

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	5700 N1 Detail Optional 12 To speci 1 At le 2 If eitl 3 If eitl 1 REF	Reference Identification         Optional         fy identifying information         ast one of REF02 or REF03 is required.         her C04003 or C04004 is present, then the other is required         her C04005 or C04006 is present, then the other is required         Of contains data relating to the value cited in REF02.         TCID (EU-58a)*PRI		
Ref.	Data	Data Element Summary		
<u>Des.</u> Attributes	<u>Element</u>	Name		
REF01	128	Reference Identification Qualifier	М	ID 2/3
		Code qualifying the Reference Identification55Sequence Number		
REF02	127	Reference Identification	Х	AN 1/30
		Reference information as defined for a particular Transac specified by the Reference Identification Qualifier TCID (EU-58a) = Transfer of Calls to Identifier	tion S	Set or as
REF03	352	Description	Х	AN 1/80
REF03	352	Description	X	AN 1/80

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

М

content "PRI"

Segment: Position: Loop: Level: Usage: Max Use:	SLN 4600 SLN Detail Optional 1	Subline Item Detail Optional		
Purpose: Syntax Notes:	To specif 1 If eith 2 If SL 3 If SL 4 If eith 5 If eith 6 If eith 7 If eith 8 If eith 9 If eith 10 If eith 11 If eith 12 If eith 13 If SL 4 If eith 5 If eith 5 If eith 6 If eith 7	fy product subline detail item data ner SLN04 or SLN05 is present, then the other is required. N07 is present, then SLN06 is required. N08 is present, then SLN06 is required. ner SLN09 or SLN10 is present, then the other is required. ner SLN11 or SLN12 is present, then the other is required. ner SLN13 or SLN14 is present, then the other is required. ner SLN15 or SLN16 is present, then the other is required. ner SLN17 or SLN18 is present, then the other is required. ner SLN19 or SLN20 is present, then the other is required. ner SLN21 or SLN20 is present, then the other is required. ner SLN21 or SLN22 is present, then the other is required. ner SLN23 or SLN24 is present, then the other is required. ner SLN23 or SLN26 is present, then the other is required.		
Semantic Notes:	1 SLN 2 SLN level 3 SLN subli 4 SLN	ner SLN27 or SLN28 is present, then the other is required. D1 is the identifying number for the subline item. D2 is the identifying number for the subline level. The subline is analogous to the level code used in a bill of materials. D3 is the configuration code indicating the relationship of the ne item to the baseline item. D8 is a code indicating the relationship of the price or amou	Э	)
Comments:	1 See 2 SLN item to re 3 SLN for e	Associated segment. the Data Element Dictionary for a complete list of IDs. D1 is related to (but not necessarily equivalent to) the baselin number. Example: 1.1 or 1A might be used as a subline nu late to baseline number 1. D9 through SLN28 provide for ten different product/service IE ach item. For example: Case, Color, Drawing No., U.P.C. N I No., Model No., or SKU.	umbe Ds	∍r
Notes:		SEC*n*A*1*EA [SLN Loop may repeat]		
Ref.	Data	Data Element Summary		
<u>Des.</u> <u>Attributes</u>	<u>Element</u>	Name		
I SLN01	350	Alphanumeric characters assigned for differentiation within set	M a tra	AN 1/20 ansaction
SLN02	350	Alphanumeric characters assigned for differentiation within set	<b>O</b> a tra	AN 1/20 ansaction
1 SLN03	662	Code indicating the relationship between entities	М	ID 1/1
SLN04	380	A Add Quantity	х	R 1/15

Numeric value of quantity

Μ

			1 Always One	
	SLN05	C001	Composite Unit of Measure	Х
	<b>C</b> 00404	255	To identify a composite unit of measure (See Fig examples of use)	
Μ	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	•

Segment:	SI Service Characteristic Identification
Position:	4700
Loop: Level:	SLN Optional Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	<ol> <li>If either SI04 or SI05 is present, then the other is required.</li> <li>If either SI06 or SI07 is present, then the other is required.</li> <li>If either SI08 or SI09 is present, then the other is required.</li> <li>If either SI10 or SI11 is present, then the other is required.</li> <li>If either SI12 or SI13 is present, then the other is required.</li> <li>If either SI14 or SI15 is present, then the other is required.</li> <li>If either SI16 or SI17 is present, then the other is required.</li> <li>If either SI16 or SI17 is present, then the other is required.</li> <li>If either SI18 or SI19 is present, then the other is required.</li> <li>If either SI20 or SI21 is present, then the other is required.</li> </ol>
Semantic Notes:	
Comments:	<ol> <li>SI01 defines the source for each of the service characteristics qualifiers.</li> </ol>
Notes:	SI*TI*TC*TC TO SEC (EU-59)

	Ref.	Data			
	Des.	Element	<u>Name</u>		
	<u>Attributes</u>				
Μ	SI01	559	Agency Qualifier Code	Μ	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
М	SI02	1000	Service Characteristics Qualifier	Μ	AN 2/2
			Code from an industry code list qualifying the type of serv characteristics	ice	
			TC Transfer Announcement Number		
М	SI03	234	Product/Service ID	Μ	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:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
	2 N105 and N106 further define the type of entity in N101.
Notes:	N1*TT*TC NAME (EU-61)

Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	Name	
N101	98	Entity Identifier Code	M ID 2/3
		Code identifying an organizational entity, a ph an individual TT Transfer To	nysical location, property or
N102	93	Name	X AN 1/60
		Free-form name	
		TC NAME (EU-61) = Transfer of Calls To Nam	ne

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	5700 N1 Detail Optional 12 To speci 1 At le 2 If eitt 3 If eitt 1 REF	Reference Identification Optional Ty identifying information ast one of REF02 or REF03 is required. her C04003 or C04004 is present, then the other is re- her C04005 or C04006 is present, then the other is re- 04 contains data relating to the value cited in REF02 TCID (EU-60)*SEC	equired.	
Ref. Des.	Data <u>Element</u>	Data Element Summary Name		
Attributes REF01	128	Reference Identification Qualifier	М	ID 2/3
		Code qualifying the Reference Identification55Sequence Number		
REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Traspecified by the Reference Identification Qualifier	X Ansaction S	AN 1/30 Set or as

TCID (EU-60) = Transfer of Calls To Identifier

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

М

REF03

352

Description

content "SEC" Х

AN 1/80

Segment:	<b>POC</b> Line Item Change - Resale Form (Service Detail Section)
Position:	0100
Loop:	POC Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify changes to a line item
Syntax Notes:	<ol> <li>If POC03 is present, then both POC04 and POC05 are required.</li> <li>If POC07 is present, then POC06 is required.</li> </ol>
	3 If either POC08 or POC09 is present, then the other is required.
	4 If either POC10 or POC11 is present, then the other is required.
	5 If either POC12 or POC13 is present, then the other is required.
	6 If either POC14 or POC15 is present, then the other is required.
	7 If either POC16 or POC17 is present, then the other is required.
	8 If either POC18 or POC19 is present, then the other is required.
	9 If either POC20 or POC21 is present, then the other is required.
	<b>10</b> 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.
	<b>12</b> If either POC26 or POC27 is present, then the other is required.
Semantic Notes: Comments:	1 POC01 is the purchase order line item identification.
Notes:	POC*n*RZ*****ZZ*RE [POC Loop repeats RSQTY (RE-5) times]

	Ref.	Data	Data Element S	Summary		
	<u>Des.</u> Attributes	Element	<u>Name</u>			
	POC01	350	Assigned Identifi	cation	0	AN 1/20
			set	acters assigned for differentiation with	in a t	ransaction
			"n" = nth assigned	ID within POC loop		
М	POC02	670	Change or Respo	onse Type Code	М	ID 2/2
			Code specifying th	e 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	alues	contained
	POC08	235	<b>Product/Service</b>	ID Qualifier	Х	ID 2/2
			Code identifying th Product/Service ID ZZ	e type/source of the descriptive numbe (234) Mutually Defined	er use	ed in
	POC09	234	Product/Service	ID	Х	AN 1/48
			Identifying number	for a product or service		
			"RE"			

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.
	2 If either SI06 or SI07 is present, then the other is required.
	<b>3</b> If either SI08 or SI09 is present, then the other is required.
	4 If either SI10 or SI11 is present, then the other is required.
	5 If either SI12 or SI13 is present, then the other is required.
	6 If either SI14 or SI15 is present, then the other is required.
	7 If either SI16 or SI17 is present, then the other is required.
	8 If either SI18 or SI19 is present, then the other is required.
	<b>9</b> If either SI20 or SI21 is present, then the other is required.
Semantic Notes:	
Comments:	<ol> <li>SI01 defines the source for each of the service characteristics qualifiers.</li> </ol>
Notes:	SI*TI*NQ*NPI (RE-11) SI*TI*SA*LNA (RE-12)
	SI*TI*TN*TNS (RE-15)
	SI*TI*OT*OTN (RE-19)
	SI*TI*T6*TC OPT (RE-35)
	SI*TI*SY*SSIG (RE-51)
	SI*TI*PE*PULSE (RE-52)
	SI*TI*TQ*TLI (RE-18a)
	SI*TI*T5*TERS (RE-18)
	SI*TI*LZ*LSCP (RE-53)

			Data Elemer	it Summary		
	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>			
	<u>Attributes</u>					
М	SI01	559	Agency Qualifi	ier Code	Μ	ID 2/2
			Code identifying	the agency assigning the code values		
			TI	Telecommunications Industry		
М	SI02	1000	Service Chara	cteristics Qualifier	Μ	AN 2/2
			Code from an in characteristics	dustry code list qualifying the type of serv	vice	
			LZ	Freeze Local Service Provider		
			NQ	Number Portability Indicator		
			ОТ	Out Telephone Number		
			PE	Pulse Type		
			SA	Service Activity		
			SY	Start Signaling		
			T5	Terminal Number		
			T6	Transfer of Calls Options		
			TN	Telephone Number		
			TQ	Telephone Line Identifier		
М	SI03	234	Product/Servic	ce ID	Μ	AN 1/48
			Identifying numb	per for a product or service		
Updated: N	larch 11, 2002	2 Qw	est Communicatio	ns International, Inc.		210

LNA (RE-12) = Line Activity CT=(DWS : X-TN Change) C=(DWS : C-Change) A=(DWS : N-New) D=(DWS : D-Disconnect) V=(DWS : V-Conversion of Service As Specified) P=(DWS : V-Conversion of Service As Specified) L=(DWS : L-Seasonal Suspend) W=(DWS : W-Conversion As Is) NPI (RE-11) = Number Portability Indicator TNS (RE-15) = Telephone Numbers OTN (RE-19) = Out Telephone Number TC OPT (RE-35) = Transfer of Call Options SSIG (RE-51) = Start Signaling PULSE (RE-52) = Type of Pulsing

LSCP (RE-53) = Local Service Provider Change Prohibited

TLI (RE-18a) = Telephone Line Identifier TERS (RE-18) = Terminal Numbers

Updated: March 11, 2002

	חוח						
Segment:	PID	Product/Item Description					
Position:	0500						
Loop:	PID	Optional					
Level: Usage:	Detail Optional						
Max Use:	1						
Purpose:	•	ibe a product or process in coded or free-form format					
Syntax Notes:		D04 is present, then PID03 is required.					
-		ast one of PID04 or PID05 is required.					
		D07 is present, then PID03 is required.					
		D08 is present, then PID04 is required.					
Semantic Notes:		D09 is present, then PID05 is required. PID03 to indicate the organization that publishes the code	list				
oemantio Note 3.		g referred to.	not				
		04 should be used for industry-specific product description					
	code						
		08 describes the physical characteristics of the product ide					
		D04. A "Y" indicates that the specified attribute applies to	this				
		; an "N" indicates it does not apply. Any other value is terminate.					
		09 is used to identify the language being used in PID05.					
Comments:		D01 equals "F", then PID05 is used. If PID01 equals "S", th	ien				
	PID	PID04 is used. If PID01 equals "X", then both PID04 and PID05 are					
	useo						
		PID06 when necessary to refer to the product surface or la	iyer				
		g described in the segment. 07 specifies the individual code list of the agency specified	in				
	PID						
Notes:	PID*S**1	ΓΙ*AG***SO-RSQ*NIDR (RE-47)					
<b>D</b> .(	D	Data Element Summary					
Ref. <u>Des.</u>	Data <u>Element</u>	Namo					
<u>Attributes</u>		Name					
I PID01	349	Item Description Type	М	ID 1/1			
		Code indicating the format of a description					
		S Structured (From Industry Code List)					
PID03	559	Agency Qualifier Code	х	ID 2/2			
		Code identifying the agency assigning the code values					
		TI Telecommunications Industry					
PID04	751	Product Description Code	Х	AN 1/12			
		A code from an industry code list which provides specific					
		product characteristic	0.0.10				
		AG Network Interface Device Request					
PID07	822	Source Subqualifier	0	AN 1/15			
		A reference that indicates the table or text maintained by	the	Source			
		Qualifier					
		SO-RSQ Service Order - Reseller Questions lis	t	_			
PID08		Vaa/Na Canditian an Daananaa Cada	~	10 4/4			
11200	1073	Yes/No Condition or Response Code	0	ID 1/1			
11200	1073	Code indicating a Yes or No condition or response NIDR (RE-47) = NID Request	0	ID 1/1			

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	1000 POC Detail Optional >1 To speci 1 At le 2 If eitl 3 If eitl 1 REF	Reference Identification         Optional         iy identifying information         ast one of REF02 or REF03 is required.         her C04003 or C04004 is present, then the other is required         her C04005 or C04006 is present, then the other is required         04 contains data relating to the value cited in REF02.         NUM (RE-9)*LNUM         *TSP (RE-25)		
	REF*AE	Data Element Summary		
Ref.	Data	News		
<u>Des.</u> Attributes	<u>Element</u>	<u>name</u>		
M REF01	128	Reference Identification Qualifier	м	ID 2/3
		Code qualifying the Reference Identification		
		AE Authorization for Expense (AFE) N	lumber	
		GP Government Priority Number		
		IX Item Number		
REF02	127	Reference Identification	Х	AN 1/30
		Reference information as defined for a particular Trans specified by the Reference Identification Qualifier LNUM (RE-9) = Line Number TSP (RE-25) = Telecommunications Service Priority SAN (RE-26) = Subscriber Authorization Number	action S	Set or as
REF03	352	Description	Х	AN 1/80
		A free-form description to clarify the related data eleme content "LNUM"	ents and	d their

Updated: March 11, 2002

		Λ			
Segment:		Date/Time	e Reference		
Position:	2000				
Loop:	POC	Optional			
Level:	Detail				
Usage:	Optional				
Max Use:	10				
Purpose:	To speci	fy pertinent da	ates and times		
Syntax Notes:			M02 DTM03 or DTM05 is required.		
		•	nt, then DTM03 is required.		
	3 If eit	her DTM05 or	DTM06 is present, then the other is require	d.	
Semantic Notes:					
Comments:					
Notes:	DTM*376	6*TC PER{CC	YYMMDD}(RE-40)		
_ /		Data Elen	nent Summary		
Ref.	Data				
Des.	<u>Element</u>	<u>Name</u>			
Attributes	074	Dete/Time (	Dualifian		10 0/0
DTM01	374	Date/Time C		М	ID 3/3
		Code specify	ving type of date or time, or both date and ti	me	
		376	Delivery End		
			The date that deliveries will end		
DTM02	373	Date		х	DT 8/8
		Date express	sed as CCYYMMDD		
		•			
			-40) = Transfer of Calls Period		

М

Segment:	N1 ⊾	lame						
Position:	3400							
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.							
	2 If eit	her N103 or N104 is present, then the other is required.						
Semantic Notes:								
Comments:	<ol> <li>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.</li> <li>N105 and N106 further define the type of entity in N101.</li> </ol>							
Notes:	N1*P9**4	41*PIC (RE-30)						
Def	Dete	Data Element Summary						
Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Name						
I N101	98	Entity Identifier Code	Μ	ID 2/3				

an individual P9

41

**Identification Code Qualifier** 

Code identifying a party or other code

Identification Code (67)

**Identification Code** 

Code identifying an organizational entity, a physical location, property or

interexchange calls

being billed

PIC (RE-30) = InterLATA Pre-subscription Indicator Code

Code designating the system/method of code structure used for

Primary Interexchange Carrier (PIC) Identifies the carrier who will handle the

Telecommunications Carrier Identification Code Identifies the Interexchange carrier for the charges

N103

N104

66

67

X ID 1/2

AN 2/80

Х

Segment:	N1 Name					
Position:	3400					
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.					
	2 If either N103 or N104 is present, then the other is required.					
Semantic Notes:						
Comments:	<ol> <li>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.</li> <li>N105 and N106 further define the type of entity in N101.</li> </ol>					
Notes:	N1*8V**41*LPIC (RE-31)					

		Data Element Si	ummary				
Ref.	Data						
Des.	<u>Element</u>	Name					
<u>Attributes</u>	5						
N101	98	Entity Identifier Code			ID 2/3		
		Code identifying an organizational entity, a physical location, propert an individual					
			Primary Intra-LATA (Local Access Tra Carrier	nspo	ort Area)		
N103	66	Identification Cod	e Qualifier	Х	ID 1/2		
		Identification Code (	e system/method of code structure used for 67) Telecommunications Carrier Identification Code				
			Identifies the Interexchange carrier for being billed	the	charges		
N104	67	Identification Code	•	Х	AN 2/80		
		Code identifying a party or other code					
		LPIC (RE-31) = IntraLATA Pre-subscription Indicator Code					

Segment: Position: Loop: Level: Usage: Max Use:	SLN 4600 SLN Detail Optional 1	Subline Item Detail Optional	
Purpose: Syntax Notes:	To specif 1 If eith 2 If SL 3 If SL 4 If eith 5 If eith 6 If eith 7 If eith 9 If eith 10 If eith 11 If eith 12 If eith 12 If eith 13 If SL 4 If eith 5 If eith 5 If eith 5 If eith 6 If eith 7	fy product subline detail item data her SLN04 or SLN05 is present, then the other is required. N07 is present, then SLN06 is required. N08 is present, then SLN06 is required. her SLN09 or SLN10 is present, then the other is required. her SLN11 or SLN12 is present, then the other is required. her SLN13 or SLN14 is present, then the other is required. her SLN15 or SLN16 is present, then the other is required. her SLN17 or SLN18 is present, then the other is required. her SLN19 or SLN20 is present, then the other is required. her SLN21 or SLN22 is present, then the other is required. her SLN23 or SLN24 is present, then the other is required. her SLN23 or SLN24 is present, then the other is required. her SLN23 or SLN26 is present, then the other is required. her SLN25 or SLN26 is present, then the other is required.	
Semantic Notes:	1 SLN 2 SLN level 3 SLN subli 4 SLN	her SLN27 or SLN28 is present, then the other is required. 01 is the identifying number for the subline item. 02 is the identifying number for the subline level. The subline is analogous to the level code used in a bill of materials. 03 is the configuration code indicating the relationship of the ne item to the baseline item. 08 is a code indicating the relationship of the price or amount to	)
Comments:	<ol> <li>See</li> <li>SLN0</li> <li>item</li> <li>to re</li> <li>SLN0</li> <li>for e</li> </ol>	associated segment. the Data Element Dictionary for a complete list of IDs. 01 is related to (but not necessarily equivalent to) the baseline number. Example: 1.1 or 1A might be used as a subline number late to baseline number 1. 09 through SLN28 provide for ten different product/service IDs ach item. For example: Case, Color, Drawing No., U.P.C. No., I No., Model No., or SKU.	ər
Notes:		PRI*n*A*1*EA	
Ref.	Data	Data Element Summary	
<u>Des.</u> <u>Attributes</u>	<u>Element</u>	Name	
I SLN01	350	Assigned Identification M Alphanumeric characters assigned for differentiation within a tr set	AN 1/20 ansaction
SLN02	350	"TCPRI" Assigned Identification O	AN 1/20
3LN02	550	Alphanumeric characters assigned for differentiation within a tr set "n" = nth assigned ID within SLN loop	
SLN03	662	Relationship Code M	ID 1/1
		Code indicating the relationship between entities A Add	
SLN04	380	Quantity X	R 1/15

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Numeric value of quantity

М

			1 Always One	
	SLN05	C001	Composite Unit of Measure	X
	C00101	255	To identify a composite unit of measure (See Fig examples of use)	
Μ	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	<b>.</b>
			EA Each	

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.
•	2 If either SI06 or SI07 is present, then the other is required.
	3 If either SI08 or SI09 is present, then the other is required.
	4 If either SI10 or SI11 is present, then the other is required.
	5 If either SI12 or SI13 is present, then the other is required.
	6 If either SI14 or SI15 is present, then the other is required.
	7 If either SI16 or SI17 is present, then the other is required.
	8 If either SI18 or SI19 is present, then the other is required.
	<b>9</b> If either SI20 or SI21 is present, then the other is required.
Semantic Notes:	
Comments:	<ol> <li>SI01 defines the source for each of the service characteristics qualifiers.</li> </ol>
Notes:	SI*TI*TC*TC TO PRI (RE-38)

	Ref.	Data			
	Des.	Element	<u>Name</u>		
	<u>Attributes</u>				
М	SI01	559	Agency Qualifier Code	Μ	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
М	SI02	1000	Service Characteristics Qualifier	Μ	AN 2/2
			Code from an industry code list qualifying the type of service characteristics	/ice	
			TC Transfer Announcement Number		
М	SI03	234	Product/Service ID	Μ	AN 1/48
			Identifying number for a product or service		
			TC TO PRI (RE-38) = Transfer of Calls to Primary Number	۶r	

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.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the
	<ul><li>transaction processing party.</li><li>N105 and N106 further define the type of entity in N101.</li></ul>
Notes:	N1*TT*TC NAME (RE-38b)
	Data Element Summary

Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	Name	
N101	98	Entity Identifier Code	M ID 2/3
		Code identifying an organizational entity, a phys an individual TT Transfer To	ical location, property or
N102	93	Name	X AN 1/60
		Free-form name	
		TC NAME (RE-38b) = Transfer of Calls to Name	

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes:	5700 N1 Detail Optional 12 To speci <b>1</b> At le	Reference Identification         Optional         fy identifying information         east one of REF02 or REF03 is required.         her C04003 or C04004 is present, then the other is required.	ed.	
Semantic Notes: Comments: Notes:	3 If eit 1 REF	her C04005 or C04006 is present, then the other is require 04 contains data relating to the value cited in REF02. TCID (RE-38a)*PRI		
Ref. Des.	Data Element	Data Element Summary Name		
<u>Attributes</u> REF01	128	Reference Identification Qualifier	М	ID 2/3
		Code qualifying the Reference Identification55Sequence Number		
REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Transac specified by the Reference Identification Qualifier	X ction \$	AN 1/30 Set or as
REF03	352	TCID (RE-38a) = Transfer of Calls to Identifier <b>Description</b>	X	AN 1/80

М

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

Segment: Position: Loop: Level: Usage: Max Use:	SLN 4600 SLN Detail Optional 1	Subline Item Detail Optional	
Purpose: Syntax Notes:	To specif 1 If eith 2 If SL 3 If SL 4 If eith 5 If eith 6 If eith 7 If eith 8 If eith 9 If eith 10 If eith 11 If eith 12 If eith 13 If SL 4 If eith 5 If eith 5 If eith 6 If eith 7	fy product subline detail item data her SLN04 or SLN05 is present, then the other is required. N07 is present, then SLN06 is required. N08 is present, then SLN06 is required. her SLN09 or SLN10 is present, then the other is required. her SLN11 or SLN12 is present, then the other is required. her SLN13 or SLN14 is present, then the other is required. her SLN15 or SLN16 is present, then the other is required. her SLN17 or SLN18 is present, then the other is required. her SLN19 or SLN20 is present, then the other is required. her SLN19 or SLN20 is present, then the other is required. her SLN21 or SLN22 is present, then the other is required. her SLN23 or SLN24 is present, then the other is required. her SLN25 or SLN26 is present, then the other is required. her SLN27 or SLN28 is present, then the other is required.	
Semantic Notes:	<ol> <li>SLN0</li> <li>SLN0</li> <li>Ievel</li> <li>SLN0</li> <li>subli</li> <li>SLN0</li> </ol>	01 is the identifying number for the subline item. 02 is the identifying number for the subline level. The subline is analogous to the level code used in a bill of materials. 03 is the configuration code indicating the relationship of the ne item to the baseline item. 08 is a code indicating the relationship of the price or amount associated segment.	to
Comments:	<ol> <li>See</li> <li>SLN0</li> <li>item</li> <li>to re</li> <li>SLN0</li> <li>for ea</li> </ol>	the Data Element Dictionary for a complete list of IDs. 01 is related to (but not necessarily equivalent to) the baseline number. Example: 1.1 or 1A might be used as a subline num late to baseline number 1. 09 through SLN28 provide for ten different product/service IDs ach item. For example: Case, Color, Drawing No., U.P.C. No. No., Model No., or SKU.	ber
Notes:		SEC*n*A*1*EA [SLN Loop may repeat]	
Ref.	Data	Data Element Summary	
<u>Des.</u> <u>Attributes</u>	Element	Name	
I SLN01	350	Assigned Identification M Alphanumeric characters assigned for differentiation within a set	AN 1/20 transaction
SLN02	350	"TCSEC" Assigned Identification O Alphanumeric characters assigned for differentiation within a set "n" = nth assigned ID within SLN loop	AN 1/20 transaction
1 SLN03	662	Relationship Code     M       Code indicating the relationship between entities	ID 1/1
SLN04	380	A Add Quantity X	R 1/15

Numeric value of quantity

М

			1 Always One	
	SLN05	C001	Composite Unit of Measure	Х
			To identify a composite unit of measure (See Figures Ap examples of use)	pendix for
М	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 EA Each	ssed, or

Segment:	SI Service Characteristic Identification
Position: Loop:	4700 SLN Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	<ol> <li>If either SI04 or SI05 is present, then the other is required.</li> <li>If either SI06 or SI07 is present, then the other is required.</li> <li>If either SI08 or SI09 is present, then the other is required.</li> <li>If either SI10 or SI11 is present, then the other is required.</li> <li>If either SI12 or SI13 is present, then the other is required.</li> <li>If either SI14 or SI15 is present, then the other is required.</li> <li>If either SI16 or SI17 is present, then the other is required.</li> <li>If either SI16 or SI17 is present, then the other is required.</li> <li>If either SI18 or SI19 is present, then the other is required.</li> <li>If either SI18 or SI19 is present, then the other is required.</li> </ol>
Semantic Notes:	<b>9</b> If either SI20 or SI21 is present, then the other is required.
Comments:	1 SI01 defines the source for each of the service characteristics qualifiers.
Notes:	SI*TI*TC*TC TO SEC (RE-39)

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

Segment:	N1 Name
Position:	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.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	<ol> <li>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.</li> </ol>
Notoo	2 N105 and N106 further define the type of entity in N101.
Notes:	N1*TT*TC NAME (RE-42)
	Data Flamant Cummany

Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	<u>Name</u>		
N101	98	Entity Identifier Code	М	ID 2/3
		Code identifying an organizational an individual TT Transfer To	entity, a physical location, p	property or
N102	93	Name	X	AN 1/60
		Free-form name		
		TC NAME (RE-42) = Transfer of C	alls to Name	

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	5700 N1 Detail Optional 12 To speci 1 At le 2 If eitt 3 If eitt 1 REF	Reference Identification         Optional         fy identifying information         ast one of REF02 or REF03 is required.         her C04003 or C04004 is present, then the other is required contains data relating to the value cited in REF02.         TCID (RE-41)*SEC		
Ref. <u>Des.</u>	Data <u>Element</u>	Data Element Summary <u>Name</u>		
<u>Attributes</u> I REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification	М	ID 2/3
REF02	127	55       Sequence Number         Reference Identification         Reference Identification         Reference information as defined for a particular Trans         specified by the Reference Identification Qualifier	X saction \$	AN 1/30 Set or as

TCID (RE-41) = Transfer of Calls to Identifier

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

М

REF03

352

Description

content "SEC" Х

AN 1/80

Segment: Position: Loop: Level: Usage: Max Use:	SLN 4600 SLN Detail Optional 1	Subline Item Detail Optional		
Purpose: Syntax Notes:	To specir 1 If eitil 2 If SL 3 If SL 4 If eitil 5 If eitil 6 If eitil 7 If eitil 9 If eitil 10 If eitil 11 If eitil 12 If eitil 13 If SL 4 If eitil 5 If eitil 5 If eitil 6 If eitil 7 If eitil 7 If eitil 9 If eitil 10 If eitil 11 If eitil 12 If eitil 13 If SL 5 If eitil 14 If eitil 15 If eitil 16 If eitil 17 If eitil 10 If eitil 10 If eitil 10 If eitil 11 If eitil 11 If eitil 12 If eitil 13 If SL 4 If eitil 5 If eitil 5 If eitil 7 If eitil 10 If eitil 11 If eitil 12 If eitil 11 If eitil 12 If eitil 13 If eitil 14 If eitil 15 If eitil 16 If eitil 17 If eitil 10 If eitil 11 If eitil 12 If eitil 10 If eitil 11 If eitil 12 If eitil 11 If eitil 12 If eitil 13 If eitil 14 If eitil 14 If eitil 15 If eitil 16 If eitil 17 If eitil 17 If eitil 18 If eitil 19 If eitil 10 If eitil 10 If eitil 10 If eitil 10 If eitil 11	fy product subline detail item data her SLN04 or SLN05 is present, then the other is required. N07 is present, then SLN06 is required. N08 is present, then SLN06 is required. her SLN09 or SLN10 is present, then the other is required. her SLN11 or SLN12 is present, then the other is required. her SLN13 or SLN14 is present, then the other is required. her SLN15 or SLN16 is present, then the other is required. her SLN17 or SLN18 is present, then the other is required. her SLN19 or SLN20 is present, then the other is required. her SLN19 or SLN20 is present, then the other is required. her SLN21 or SLN22 is present, then the other is required. her SLN23 or SLN24 is present, then the other is required. her SLN25 or SLN26 is present, then the other is required. her SLN27 or SLN28 is present, then the other is required.		
Semantic Notes:	1 SLN 2 SLN level 3 SLN subli 4 SLN	01 is the identifying number for the subline item. 02 is the identifying number for the subline level. The sublir is analogous to the level code used in a bill of materials. 03 is the configuration code indicating the relationship of th ne item to the baseline item. 08 is a code indicating the relationship of the price or amount associated segment.	e	)
Comments:	1 See 2 SLN item to re 3 SLN for e	the Data Element Dictionary for a complete list of IDs. 01 is related to (but not necessarily equivalent to) the base number. Example: 1.1 or 1A might be used as a subline n late to baseline number 1. 09 through SLN28 provide for ten different product/service I ach item. For example: Case, Color, Drawing No., U.P.C. I No., Model No., or SKU.	umbe Ds	ər
Notes:	SLN*IW*	n*A*IWJQ (RE-49)*EA****EQ*IWJK (RE-48) [SLN Loop m iring pair]	iay re	epeat per
Ref. <u>Des.</u> Attributos	Data <u>Element</u>	Data Element Summary <u>Name</u>		
Attributes SLN01	350	Assigned Identification Alphanumeric characters assigned for differentiation within set "IW"	M n a tr	AN 1/20 ansaction
SLN02	350	Assigned Identification Alphanumeric characters assigned for differentiation within set "n" = nth assigned ID within SLN loop	<b>O</b> n a tr	AN 1/20 ansaction
A SLN03	662	Relationship Code Code indicating the relationship between entities	Μ	ID 1/1
SLN04	380	A Add Quantity	X	R 1/15

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			Numeric value of quantity		
			IWJQ (RE-49) = Inside Wire Jack Quantity		
	SLN05	C001	Composite Unit of Measure	Х	
			To identify a composite unit of measure (See Figures A examples of use)	ppend	dix for
Μ	C00101	355	Unit or Basis for Measurement Code	Μ	ID 2/2
			Code specifying the units in which a value is being expr manner in which a measurement has been taken EA Each	essed	l, or
	SLN09	235	Product/Service ID Qualifier	Х	ID 2/2
			Code identifying the type/source of the descriptive numb Product/Service ID (234) EQ Equipment Type	oer us	ed in
	SLN10	234	Product/Service ID	Х	AN 1/48
			Identifying number for a product or service		
			IWJK (RE-48) = Inside Wire Jack Code		

Commont	SIN	Subline Item Detail		
Segment:		Subline item Detail		
Position:	4600 SLN	Optional		
Loop: Level:	Detail	Optional		
Usage:	Optional			
Max Use:	1			
Purpose:	To speci	fy product subline detail item data		
Syntax Notes:		her SLN04 or SLN05 is present, then the other is required.		
		N07 is present, then SLN06 is required.		
		N08 is present, then SLN06 is required. her SLN09 or SLN10 is present, then the other is required.		
		her SLN11 or SLN12 is present, then the other is required.		
		her SLN13 or SLN14 is present, then the other is required.		
	7 If eit	her SLN15 or SLN16 is present, then the other is required.		
		her SLN17 or SLN18 is present, then the other is required.		
		her SLN19 or SLN20 is present, then the other is required.		
		her SLN21 or SLN22 is present, then the other is required. her SLN23 or SLN24 is present, then the other is required.		
		her SLN25 or SLN26 is present, then the other is required.		
		her SLN27 or SLN28 is present, then the other is required.		
Semantic Notes:	1 SLN	01 is the identifying number for the subline item.		
		02 is the identifying number for the subline level. The subline	Э	
		is analogous to the level code used in a bill of materials.		
		03 is the configuration code indicating the relationship of the ne item to the baseline item.	;	
		08 is a code indicating the relationship of the price or amou	nt to	)
		associated segment.		
Comments:		the Data Element Dictionary for a complete list of IDs.		
		01 is related to (but not necessarily equivalent to) the basel		
		number. Example: 1.1 or 1A might be used as a subline nu late to baseline number 1.	amp	er
		09 through SLN28 provide for ten different product/service IE	)s	
		ach item. For example: Case, Color, Drawing No., U.P.C. N		
		No., Model No., or SKU.		
Notes:	SLN*BL'	in*A*1*EA		
		Data Element Summary		
Ref.	Data			
Des.	<u>Element</u>	Name		
<u>Attributes</u>	050			
I SLN01	350		M	AN 1/20
		Alphanumeric characters assigned for differentiation within set	a แ	ansaction
		"BL"		
SLN02	350		0	AN 1/20
		Alphanumeric characters assigned for differentiation within	a tr	ansaction
		set		
		"n" = nth assigned ID within SLN loop		
I SLN03	662	Relationship Code	М	ID 1/1
		Code indicating the relationship between entities		
		A Add		
SLN04	380	Quantity	Х	R 1/15
		Numeric value of quantity		

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			1 Always One	
	SLN05	C001	Composite Unit of Measure	X
	C00101	255	To identify a composite unit of measure (See Fig examples of use)	
Μ	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	<b>.</b>
			EA Each	

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.
	2 If either SI06 or SI07 is present, then the other is required.
	3 If either SI08 or SI09 is present, then the other is required.
	4 If either SI10 or SI11 is present, then the other is required.
	<b>5</b> If either SI12 or SI13 is present, then the other is required.
	6 If either SI14 or SI15 is present, then the other is required.
	7 If either SI16 or SI17 is present, then the other is required.
	8 If either SI18 or SI19 is present, then the other is required.
	9 If either SI20 or SI21 is present, then the other is required.
Semantic Notes:	
Comments:	1 SI01 defines the source for each of the service characteristics qualifiers.
Notes:	SI*TI*BB*BA (RE-54)*TB*BLOCK (RE-55)

	Ref.	Data			
	Des.	Element	<u>Name</u>		
	<u>Attributes</u>				
М	SI01	559	Agency Qualifier Code	Μ	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
М	SI02	1000	Service Characteristics Qualifier	Μ	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	Μ	AN 1/48
			Identifying number for a product or service		
			BA (RE-54) = Blocking Activity		
	SI04	1000	Service Characteristics Qualifier	Χ	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	Χ	AN 1/48
			Identifying number for a product or service		
			BLOCK (RE-55) = Block		

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes:	4600 SLN Detail Optional 1 To speci 1 If eiti 2 If SL 3 If SL 4 If eiti 5 If eiti 6 If eiti 7 If eiti 8 If eiti 10 If eiti 11 If eiti 13 If eiti 13 If eiti 13 If eiti 13 If eiti 14 SLN 2 SLN level 3 SLN the a 1 See 2 SLN item to re 3 SLN	Subline Item Detail         Optional         fy product subline detail item data         her SLN04 or SLN05 is present, then the other is required.         N07 is present, then SLN06 is required.         N08 is present, then SLN06 is required.         her SLN09 or SLN10 is present, then the other is required.         her SLN11 or SLN12 is present, then the other is required.         her SLN13 or SLN14 is present, then the other is required.         her SLN15 or SLN16 is present, then the other is required.         her SLN17 or SLN18 is present, then the other is required.         her SLN20 is present, then the other is required.         her SLN20 or SLN20 is present, then the other is required.         her SLN21 or SLN28 is present, then the other is required.         her SLN25 or SLN26 is present, then the other is required.         her SLN27 or SLN28 is present, then the other is required.         her SLN27 or SLN28 is present, then the other is required.         her SLN27 or SLN28 is present, then the other is required.         01 is the identifying number for the subline item.         02 is the identifying number for the subline level. The subline         is a code indicating the relationship of the price or amount to associated segment.         03 is the configuration code indicating the relationship of IDS.         01 is related to (but not necessarily equivalent to) the baseline number late to baseline number 1.<
Notes:	ISBN	No., Model No., or SKU. n*A*1*EA [SLN Loop may repeat per FA/FEATURE pair]
NO(65.	SLIVIA	Data Element Summary
Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	
I SLN01	350	Assigned Identification M AN 1/20 Alphanumeric characters assigned for differentiation within a transaction set
SLN02	350	"FA" Assigned Identification O AN 1/20 Alphanumeric characters assigned for differentiation within a transaction set
		"n" = nth assigned ID within SLN loop

М

Μ

SLN03

SLN04

Updated: March 11, 2002

662

380

**Relationship Code** 

Numeric value of quantity

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А

Quantity

Code indicating the relationship between entities

Add

Μ

ID 1/1

X R 1/15

232

			1 Always One	
	SLN05	C001	Composite Unit of Measure	X
	000404	055	To identify a composite unit of measure (See Fig examples of use)	
Μ	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	<b>.</b>

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.
	2 If either SI06 or SI07 is present, then the other is required.
	3 If either SI08 or SI09 is present, then the other is required.
	4 If either SI10 or SI11 is present, then the other is required.
	5 If either SI12 or SI13 is present, then the other is required.
	6 If either SI14 or SI15 is present, then the other is required.
	7 If either SI16 or SI17 is present, then the other is required.
	8 If either SI18 or SI19 is present, then the other is required.
	<b>9</b> 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*SA*FA (RE-58)*SC*FEATURE (RE-59)
	SI*TI*FD*FEATURE DETAIL (RE-60) [SI Segment may repeat]

			Data Element Sur	iiiiary		
	Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	<u>Name</u>			
М	SI01	559	Agency Qualifier Co	ode	Μ	ID 2/2
			Code identifying the a	agency assigning the code values elecommunications Industry		
Μ	SI02	1000	Service Characteris	tics Qualifier	М	AN 2/2
			characteristics FD Fe	y code list qualifying the type of servi eature Data ervice Activity	се	
М	SI03	234	Product/Service ID		М	AN 1/48
			Identifying number for	a product or service		
			FA (RE-58) = Feature A = (DWS: N- Add) CF = (DWS: C-Char D = (DWS: D-Disco V = (DWS: V-Conv CT = (DWS: T-Char W = (DWS: W-Con	nge (old values)) onnect) ersion As Specified) nge (new values))		
				E-60) = Feature Detail		
	SI04	1000	characteristics	tics Qualifier y code list qualifying the type of servi ervice Category	X ce	AN 2/2
	SI05	234	Product/Service ID		Χ	AN 1/48
			Identifying number for	a product or service		
			FEATURE (RE-59) =	Feature Codes		

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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:	<ol> <li>If POC03 is present, then both POC04 and POC05 are required.</li> <li>If POC07 is present, then POC06 is required.</li> <li>If either POC08 or POC09 is present, then the other is required.</li> <li>If either POC10 or POC11 is present, then the other is required.</li> <li>If either POC12 or POC13 is present, then the other is required.</li> <li>If either POC14 or POC15 is present, then the other is required.</li> <li>If either POC16 or POC17 is present, then the other is required.</li> <li>If either POC16 or POC17 is present, then the other is required.</li> <li>If either POC18 or POC19 is present, then the other is required.</li> <li>If either POC20 or POC21 is present, then the other is required.</li> <li>If either POC22 or POC23 is present, then the other is required.</li> <li>If either POC24 or POC25 is present, then the other is required.</li> </ol>
	<b>12</b> If either POC26 or POC27 is present, then the other is required.
Semantic Notes: Comments:	<b>1</b> POC01 is the purchase order line item identification.
Notes:	POC*n*RZ*****ZZ*HG [If this segment appears, HNTYP (LSR-116) = 5]

	Ref.	Data	Data Element	Summary		
	<u>Des.</u> Attributes	<u>Element</u>	<u>Name</u>			
	POC01	350	Assigned Identifi	cation	0	AN 1/20
			set	racters assigned for differentiation with	in a t	ransaction
			"n" = nth assigned	ID within POC loop		
М	POC02	670	Change or Respo	onse Type Code	М	ID 2/2
			Code specifying th	ne type of change to the line item		
			RZ	Replace All Values		
				Receiver should replace the correspo the original purchase order with the v in the Purchase Order Change Trans	alues	contained
	POC08	235	Product/Service	•	X	ID 2/2
			Code identifying th Product/Service ID ZZ	e type/source of the descriptive numbe (234) Mutually Defined	er use	ed in
	POC09	234	Product/Service	ID	Х	AN 1/48
				for a product or service		
			"HG"			

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:	<ol> <li>If either SI04 or SI05 is present, then the other is required.</li> <li>If either SI06 or SI07 is present, then the other is required.</li> <li>If either SI08 or SI09 is present, then the other is required.</li> <li>If either SI10 or SI11 is present, then the other is required.</li> <li>If either SI12 or SI13 is present, then the other is required.</li> <li>If either SI14 or SI15 is present, then the other is required.</li> <li>If either SI16 or SI17 is present, then the other is required.</li> <li>If either SI18 or SI19 is present, then the other is required.</li> <li>If either SI18 or SI19 is present, then the other is required.</li> <li>If either SI20 or SI21 is present, then the other is required.</li> </ol>
Semantic Notes:	
Comments:	1 SI01 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 Elemen	nt Summary		
	Ref.	Data				
	Des.	<u>Element</u>	Name			
	Attributes					
М	SI01	559	Agency Qualif	ier Code	Μ	ID 2/2
			Code identifying	g the agency assigning the code values		
			TI	Telecommunications Industry		
Μ	SI02	1000	Service Chara	cteristics Qualifier	М	AN 2/2
			Code from an in characteristics	ndustry code list qualifying the type of ser	vice	
			SA	Service Activity		
			SF	Service Feature/Option		
			SG	Service Group		
Μ	SI03	234	Product/Servi	ce ID	Μ	AN 1/48
			Identifying num	ber for a product or service		
			A = (DWS: N C = (DWS: C D = (DWS: D V = (DWS: V HNTYP (LSR-1	c-Change)		
			HTY003 = (	DWS: 5-Regular/Series)		
			HD(LSR-113)	= Hunt Group Identifier		

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments:	1000 POC Detail Optional >1 To specir 1 At le 2 If eitt 3 If eitt 1 REF	Reference Identification Optional fy identifying information ast one of REF02 or REF03 is required. her C04003 or C04004 is present, then the other is required her C04005 or C04006 is present, then the other is required 04 contains data relating to the value cited in REF02.		
Notes:		HNUM (LSR-110)*HNUM LOCNUM (LSR-109)*LOCNUM		
Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Data Element Summary <u>Name</u>		
REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification IX Item Number	М	ID 2/3
REF02	127		<b>X</b> on S	AN 1/30 Set or as

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Segment: Position: Loop: Level: Usage:	SLN 4600 SLN Detail Optional	Subline Item Detail Optional	
Max Use: Purpose: Syntax Notes:	<ol> <li>If eitl</li> <li>If SL</li> <li>If SL</li> <li>If SL</li> <li>If eitl</li> </ol>	fy product subline detail item data her SLN04 or SLN05 is present, then the other is required. N07 is present, then SLN06 is required. N08 is present, then SLN06 is required. her SLN09 or SLN10 is present, then the other is required. her SLN11 or SLN12 is present, then the other is required. her SLN13 or SLN14 is present, then the other is required. her SLN15 or SLN16 is present, then the other is required. her SLN17 or SLN18 is present, then the other is required. her SLN19 or SLN20 is present, then the other is required. her SLN19 or SLN20 is present, then the other is required. her SLN21 or SLN22 is present, then the other is required. her SLN23 or SLN24 is present, then the other is required. her SLN25 or SLN26 is present, then the other is required. her SLN27 or SLN28 is present, then the other is required.	
Semantic Notes:	<ol> <li>SLN</li> <li>SLN</li> <li>level</li> <li>SLN</li> <li>subli</li> <li>SLN</li> </ol>	01 is the identifying number for the subline item. 02 is the identifying number for the subline level. The subline 1 is analogous to the level code used in a bill of materials. 03 is the configuration code indicating the relationship of the ine item to the baseline item. 08 is a code indicating the relationship of the price or amount to associated segment.	0
Comments:	<ol> <li>See</li> <li>SLN</li> <li>item</li> <li>to re</li> <li>SLN</li> <li>for e</li> </ol>	the Data Element Dictionary for a complete list of IDs. 01 is related to (but not necessarily equivalent to) the baseline number. Example: 1.1 or 1A might be used as a subline numb late to baseline number 1. 09 through SLN28 provide for ten different product/service IDs ach item. For example: Case, Color, Drawing No., U.P.C. No., No., Model No., or SKU.	
Notes:		T*n*A*1*EA	
Ref. <u>Des.</u>	Data <u>Element</u>	Data Element Summary <u>Name</u>	
<u>Attributes</u> I SLN01	350	Assigned Identification M Alphanumeric characters assigned for differentiation within a t set "HNT"	AN 1/20 ransaction
SLN02	350	Assigned Identification O Alphanumeric characters assigned for differentiation within a t set "n" = nth assigned ID within SLN loop	AN 1/20 ransaction
I SLN03	662	Relationship Code     M       Code indicating the relationship between entities     A       A     Add	ID 1/1
SLN04	380	QuantityXNumeric value of quantity	R 1/15

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			1 Always One	
	SLN05	C001	Composite Unit of Measure	Х
М	C00101	355	To identify a composite unit of measure (See Fi examples of use) Unit or Basis for Measurement Code	igures Appendix for M ID 2/2
	00101	555	Code specifying the units in which a value is bei manner in which a measurement has been take EA Each	ing expressed, or

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.
	<b>3</b> 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

Ref. <u>Des.</u>	Data <u>Element</u>	<u>Name</u>			
Attributes N901	128	Referenc	e Identification Qualifier	м	ID 2/3
			lifying the Reference Identification		
		55	Sequence Number		
N902	127	Referenc	e Identification	Х	AN 1/30
			e information as defined for a particular Transac by the Reference Identification Qualifier	tion S	Set or as
		"HTSEQ"			

Segment:	MTX Text
Position:	5250
Loop:	N9 Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify textual data
Syntax Notes: Semantic Notes:	<ol> <li>If MTX01 is present, then MTX02 is required.</li> <li>If MTX03 is present, then MTX02 is required.</li> <li>If MTX05 is present, then MTX04 is required.</li> <li>MTX05 is the number of lines to advance before printing.</li> </ol>
Comments:	<ol> <li>If MTX04 is "AA - Advance the specific number of lines before print", then MTX05 is required.</li> </ol>
Notes:	MTX**HTSEQ (LSR-118)
	Data Element Summary
Ref.	Data
Dee	Floment Name

Des.	<u>Element</u>	<u>Name</u>		
<u>Attributes</u>				
MTX02	1551	Message Text	Х	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:	<ol> <li>If POC03 is present, then both POC04 and POC05 are required.</li> <li>If POC07 is present, then POC06 is required.</li> <li>If either POC08 or POC09 is present, then the other is required.</li> <li>If either POC10 or POC11 is present, then the other is required.</li> <li>If either POC12 or POC13 is present, then the other is required.</li> </ol>
	<ul> <li>6 If either POC14 or POC15 is present, then the other is required.</li> <li>7 If either POC16 or POC17 is present, then the other is required.</li> <li>8 If either POC18 or POC19 is present, then the other is required.</li> <li>9 If either POC20 or POC21 is present, then the other is required.</li> <li>10 If either POC22 or POC23 is present, then the other is required.</li> <li>11 If either POC24 or POC25 is present, then the other is required.</li> <li>12 If either POC24 or POC25 is present, then the other is required.</li> </ul>
Semantic Notes: Comments:	<ol> <li>If either POC26 or POC27 is present, then the other is required.</li> <li>POC01 is the purchase order line item identification.</li> </ol>
Notes:	POC*n*RZ*****ZZ*ML [If this segment appears, HNTYP (LSR-116) = 4]

	Ref.	Data	Data Element S	ummary		
	Des. Attributes	<u>Element</u>	<u>Name</u>			
	POC01	350	Assigned Identific	ation	0	AN 1/20
			set	acters assigned for differentiation withi	n a t	ransaction
			"n" = nth assigned	ID within POC loop		
М	POC02	670	Change or Respon	nse Type Code	М	ID 2/2
			Code specifying the	e type of change to the line item		
			RZ	Replace All Values		
				Receiver should replace the corresport the original purchase order with the va- in the Purchase Order Change Transa	lues	contained
	POC08	235	Product/Service I	5	Х	ID 2/2
			Product/Service ID	e type/source of the descriptive numbe (234) Mutually Defined	r use	ed in
	POC09	234	Product/Service I	D	Х	AN 1/48
			Identifying number f	or a product or service		
			"ML"			

Segment:	SI se	rvice Characteristic Identification		
Position:	0180			
Loop:	POC	Optional		
Level:	Detail			
Usage:	Optional			
Max Use:	>1			
Purpose:	To speci	fy service characteristic data		
Syntax Notes:	1 If eit	her SI04 or SI05 is present, then the other is required.		
		her SI06 or SI07 is present, then the other is required.		
		her SI08 or SI09 is present, then the other is required.		
		her SI10 or SI11 is present, then the other is required.		
		her SI12 or SI13 is present, then the other is required.		
		her SI14 or SI15 is present, then the other is required.		
		her SI16 or SI17 is present, then the other is required.		
		her SI18 or SI19 is present, then the other is required.		
	9 If eit	her SI20 or SI21 is present, then the other is required.		
Semantic Notes:				
Comments:		defines the source for each of the service characteristics		
		ifiers.		
Notes:		*HA (LSR-112)		
		*HID (LSR-113)		
		*HNTYP (LSR-116)		
	SI*II*IQ	*TLI (LSR-115)		
		Data Element Summary		
Ref.	Data			
Des.	Element	<u>Name</u>		
<u>Attributes</u>				
SI01	559	Agency Qualifier Code	Μ	ID 2/2

	Attributes					
М	SI01	559	Agency Qual	ifier Code	Μ	ID 2/2
			Code identifyir	ng the agency assigning the code values		
			TI	Telecommunications Industry		
Μ	SI02	1000	Service Char	acteristics Qualifier	Μ	AN 2/2
			Code from an characteristics SA SF	Service Activity	rvice	
				Service Feature/Option		
			SG	Service Group		
			TQ	Telephone Line Identifier		
Μ	SI03	234	Product/Serv	ice ID	Μ	AN 1/48
			Identifying nun	nber for a product or service		
			A = (DWS: C = (DWS: D = (DWS: V = (DWS: HNTYP (LSR- HTY004 = HTY003 = HID (LSR-113)	C-Change) D-Remove) V-Conversion As Specified) 116) = Hunting Type Code (DWS: 4-Multi-Line) (DWS: 5-Regular/Series) ) = Hunt Group Identifier		
			· · · · · ·	= Telephone Line Identifier		

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes:	1000 POC Detail Optional >1 To speci 1 At le 2 If eitt 3 If eitt	Reference Identification Optional fy identifying information ast one of REF02 or REF03 is required. her C04003 or C04004 is present, then the other is required her C04005 or C04006 is present, then the other is required		
Semantic Notes: Comments:	1 REF	04 contains data relating to the value cited in REF02.		
Notes:		HNUM (LSR-110)*HNUM LOCNUM (LSR-109)*LOCNUM		
		Data Element Summary		
Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Name		
REF01	128	Reference Identification Qualifier	М	ID 2/3
		Code qualifying the Reference Identification IX Item Number		
REF02	127	Reference Identification	Х	AN 1/30
		Reference information as defined for a particular Transact specified by the Reference Identification Qualifier HNUM (LSR-110) = Hunt Number LOCNUM (LSR-109) = Location Number	ion S	Set or as
REF03	352	Description	Х	AN 1/80
		A free-form description to clarify the related data elements content "HNUM" "LOCNUM"	s and	d their

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Segment:	SIN	Subline Item Detail	
Position:	4600		
Loop:	SLN	Optional	
Level:	Detail		
Usage:	Optional		
Max Use: Purpose:	1 To speci	fy product subline detail item data	
Syntax Notes:		her SLN04 or SLN05 is present, then the other is required.	
	2 If SL	N07 is present, then SLN06 is required.	
		N08 is present, then SLN06 is required.	
		her SLN09 or SLN10 is present, then the other is required. her SLN11 or SLN12 is present, then the other is required.	
		her SLN13 or SLN14 is present, then the other is required.	
		ner SLN15 or SLN16 is present, then the other is required.	
		her SLN17 or SLN18 is present, then the other is required.	
		her SLN19 or SLN20 is present, then the other is required. her SLN21 or SLN22 is present, then the other is required.	
		her SLN23 or SLN24 is present, then the other is required.	
		her SLN25 or SLN26 is present, then the other is required.	
Semantic Notes:		her SLN27 or SLN28 is present, then the other is required. 01 is the identifying number for the subline item.	
Gemantie Notes.		02 is the identifying number for the subline level. The subline	
	leve	is analogous to the level code used in a bill of materials.	
		03 is the configuration code indicating the relationship of the ne item to the baseline item.	
		08 is a code indicating the relationship of the price or amoun	t to
		associated segment.	
Comments:		the Data Element Dictionary for a complete list of IDs.	
		01 is related to (but not necessarily equivalent to) the baselir number. Example: 1.1 or 1A might be used as a subline nur	
		late to baseline number 1.	
		09 through SLN28 provide for ten different product/service IDs	
		ach item. For example: Case, Color, Drawing No., U.P.C. No	).,
Notes:		No., Model No., or SKU. NT*n*A*1*EA	
Ref.	Data	Data Element Summary	
Des.	<u>Element</u>	Name	
Attributes	050		
I SLN01	350	Assigned Identification N	
		Alphanumeric characters assigned for differentiation within a set	
		"MHNT"	
SLN02	350	Assigned Identification C	O AN 1/20
		Alphanumeric characters assigned for differentiation within a	a transaction
		set "n" = nth assigned ID within SLN loop	
I SLN03	662	Relationship Code	1 ID 1/1
	UJL	Code indicating the relationship between entities	
		A Add	
SLN04	380	Quantity	R 1/15
		Numeric value of quantity	

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			1 Always One	
	SLN05	C001	Composite Unit of Measure	X
М	C00101	355	To identify a composite unit of measure (See Figures examples of use) Unit or Basis for Measurement Code	s Appendix for M ID 2/2
			Code specifying the units in which a value is being ex 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:	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.
	<b>3</b> 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

Data	Element	Summary	

Ref.	Data			
Des.	<u>Element</u>	<u>Name</u>		
<u>Attributes</u>				
N901	128	Reference Identification Qualifier	М	ID 2/3
		Code qualifying the Reference Identification		
		55 Sequence Number		
N902	127	Reference Identification	Х	AN 1/30
		Reference information as defined for a particular specified by the Reference Identification Qualifier		Set or as
		"HTSEQ"		

Segment:	MTX Text	
Position:	5250	
Loop:	N9 Optional	
Level:	Detail	
Usage:	Optional	
Max Use:	>1	
Purpose:	To specify textual data	
Syntax Notes:	<ol> <li>If MTX01 is present, then MTX02 is required.</li> </ol>	
	2 If MTX03 is present, then MTX02 is required.	
	<b>3</b> If MTX05 is present, then MTX04 is required.	
Semantic Notes:	<ol> <li>MTX05 is the number of lines to advance before printing.</li> </ol>	
Comments:	<ol> <li>If MTX04 is "AA - Advance the specific number of lines before pri then MTX05 is required.</li> </ol>	rint",
Notes:	MTX**HTSEQ (LSR-118)	
	Data Element Summary	
Ref.	Data	
Des.	<u>Element</u> <u>Name</u>	
<u>Attributes</u>		
MTX02	1551 Message Text X	X AN 1/4096

To transmit large volumes of message text HTSEQ (LSR-118) = Hunting Sequence

Segment:	<b>POC</b> 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.
	3 If either POC08 or POC09 is present, then the other is required.
	4 If either POC10 or POC11 is present, then the other is required.
	5 If either POC12 or POC13 is present, then the other is required.
	6 If either POC14 or POC15 is present, then the other is required.
	7 If either POC16 or POC17 is present, then the other is required.
	8 If either POC18 or POC19 is present, then the other is required.
	<b>9</b> If either POC20 or POC21 is present, then the other is required.
	<b>10</b> If either POC22 or POC23 is present, then the other is required.
	<b>11</b> If either POC24 or POC25 is present, then the other is required.
	<b>12</b> If either POC26 or POC27 is present, then the other is required.
Semantic Notes: Comments:	<b>1</b> POC01 is the purchase order line item identification.

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

	Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	Name		
	POC01	350	Assigned Identification	0	AN 1/20
			Alphanumeric characters assigned for differentiation within set	n a ti	ransaction
			"n" = nth assigned ID within POC loop		
Μ	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	Χ	ID 2/2
			Code identifying the type/source of the descriptive number Product/Service ID (234) ZZ Mutually Defined	' use	ed in
	POC09	234	Product/Service ID	Х	AN 1/48
			Identifying number for a product or service		
			"DA"		
			"DA"		

Notes:

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.
•	2 If either SI06 or SI07 is present, then the other is required.
	3 If either SI08 or SI09 is present, then the other is required.
	4 If either SI10 or SI11 is present, then the other is required.
	5 If either SI12 or SI13 is present, then the other is required.
	6 If either SI14 or SI15 is present, then the other is required.
	7 If either SI16 or SI17 is present, then the other is required.
	8 If either SI18 or SI19 is present, then the other is required.
	9 If either SI20 or SI21 is present, then the other is required.
Semantic Notes:	
Comments:	1 SI01 defines the source for each of the service characteristics qualifiers.
Notes:	SI*TI*AD*DACT (DL-81)

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

Segment: Position: Loop: Level:	QTY Quantity 2930 QTY Optional 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
	Data Element Summary

	Ref. <u>Des.</u>	Data <u>Element</u>	Name		
	<u>Attributes</u>				
М	QTY01	673	Quantity Qualifier	М	ID 2/2
			Code specifying the type of quantity		
			31 Additional Demand Quantity		
	QTY02	380	Quantity	Х	R 1/15
			Numeric value of quantity		
			DIRQTYA (DL-103) = Number of Directories for Annu	al Deliver	y
	QTY03	C001	Composite Unit of Measure	0	
			To identify a composite unit of measure (See Figure examples of use)	s Append	ix for
М	C00101	355	Unit or Basis for Measurement Code	Μ	ID 2/2
			Code specifying the units in which a value is being a manner in which a measurement has been taken DY Directory Books Number of directory books delive	•	

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> Attributes	Data <u>Element</u>	Name		
М	QTY01	673	Quantity Qualifier	Μ	ID 2/2
			Code specifying the type of quantity		
			38 Original Quantity		
	QTY02	380	Quantity	Х	R 1/15
			Numeric value of quantity		
			DIRQTYNC (DL-104) = Number of Directories Delivered or Connect	n Nev	V
	QTY03	C001	Composite Unit of Measure	0	
			To identify a composite unit of measure (See Figures Ap examples of use)	pend	ix for
М	C00101	355	Unit or Basis for Measurement Code	Μ	ID 2/2
			Code specifying the units in which a value is being exprese manner in which a measurement has been taken DY Directory Books Number of directory books delivered to		

Segment:	N1 Name
Position:	3400
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.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
	2 N105 and N106 further define the type of entity in N101.
Notes:	N1*DA*DELNAME
	Data Element Summary

Ref. <u>Des.</u>	Data <u>Element</u>		t Summary		
<u>Attributes</u> N101	98	Entity Identifier	Code	М	ID 2/3
		Code identifying an individual DA	an organizational entity, a phys Delivery Address	ical location,	property o
N102	93	Name Free-form name "DELNAME"		X	AN 1/60

Segment:	N4 a	Geographic Location		
Position:	3700			
Loop:		Optional		
Level:	Detail			
Usage:	Optional			
Max Use:	1			
Purpose:	To speci	fy the geographic place of the named party		
Syntax Notes:		one of N402 or N407 may be present.		
		06 is present, then N405 is required.		
	3 If N4	07 is present, then N404 is required.		
Semantic Notes:				
Comments:		mbination of either N401 through N404, or N405 and N406	may	ý
		dequate to specify a location.		
Natas		2 is required only if city name (N401) is in the U.S. or Cana	ida.	
Notes:	N4""STA	TE (DL-99)*ZIP (DL-100)		
		Data Element Summary		
Ref.	Data			
Des.	Element	Name		
Attributes				
N402	156	State or Province Code	Х	ID 2/2
		Code (Standard State/Province) as defined by appropriate	gov	ernment
		agency	0	
		STATE (DL-99) = State/Province		
N403	116	Postal Code	0	ID 3/15
		Code defining international postal zone code excluding publication blanks (zip code for United States)	inctu	ation and

ZIP (DL-100) = ZIP/Postal Code

#### NX2 Location ID Component Segment: Position: 3750 Loop: N1 Optional Level: Detail Usage: Optional Max Use: >1 Purpose: To define types and values of a geographic location Syntax Notes: Semantic Notes: Comments: Notes: NX2*01*DDANO (DL-85) NX2*02*DDASN (DL-88)

NX2*02*DDASN (DL-83) 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)

	Ref.	Data		,		
	<u>Des.</u> Attributes	<u>Element</u>	<u>Name</u>			
М	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		
			62	Street Name Suffix		
Μ	NX202	166	Address Informat	ion	М	AN 1/55
			Address informatio	n		
			DDANO (DL-85) =	Delivery Address Number		
				Delivery Address Street Name		
				Delivery Address Street Directional Pr	efix	
			CITY (DL-98) = Cit	•		
				<ul> <li>Delivery Address Location</li> <li>Delivery Address Street Directional St</li> </ul>	ıffiv	
			. ,	Delivery Address Number Prefix		
			. ,	Delivery Address Number Suffix		
				Delivery Address Street Type		

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes:	0100 POC Detail Optional 1 To speci 1 If PC 2 If PC 3 If eit 4 If eit 5 If eit 6 If eit 7 If eit 8 If eit 9 If eit 10 If eit 11 If eit	Coptional fy changes to a line item Octional fy changes to a line item other is required fy changes to a line item other is required fy changes to a line item Oction of the other is required fy changes to a line item Oction of the other is required fy changes to a line item Oction of the other is required fy changes to a line item Oction of the other is required fy changes to a line item Oction of the other is required fy changes to a line item Oction of the other is required fy changes to a line item Oction of the other is required fy changes to a line item Oction of the other is required fy changes to a line item Oction of the other is required fy changes to a line item Oction of the other is required fy changes to a line item Oction of the other is required fy changes to a line item Oction of the other is required fy changes to a line item Oction of th	d. d. d. d. d. d. d. d. d. d.	
Semantic Notes:		Co1 is the purchase order line item identification.	u.	
Comments:				
Notes:	PUC"N"F	RZ*****ZZ*DL*SH*RTY (DL-12) [POC Loop may repeat] Data Element Summary		
Ref.	Data			
Des.	<u>Element</u>	Name		
<u>Attributes</u> POC01	350	Assigned Identification	0	AN 1/20
		Alphanumeric characters assigned for differentiation with	-	
		set		
	070	"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		
POC08	235	Receiver should replace the correspondence of the original purchase order with the view in the Purchase Order Change Trans Product/Service ID Qualifier	alues	s contained
		Code identifying the type/source of the descriptive numb Product/Service ID (234)	er us	ed in
		ZZ Mutually Defined		
POC09	234	Product/Service ID	Х	AN 1/48
		Identifying number for a product or service		
500/0		"DL"	V	
POC10	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive numb Product/Service ID (234) SH Service Requested		
		A numeric or alphanumeric code fror services available to the customer	n a lis	st of
POC11	234	Product/Service ID	Х	AN 1/48
		Identifying number for a product or service RTY (DL-12) = Record Type		
Updated: March 11, 2002		est Communications International, Inc. DI Disclosure Document – Version 9.0		256

S	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Syntax Notes:	0180 POC Detail Optional >1 To speci 1 If eit 2 If eit 3 If eit 4 If eit 5 If eit 6 If eit 7 If eit 8 If eit 9 If eit 1 SI01 qual SI*TI*LB SI*TI*LE SI*TI*TM	her SI06 or SI07 is pre her SI08 or SI09 is pre her SI10 or SI11 is pre her SI12 or SI13 is pre her SI14 or SI15 is pre her SI16 or SI17 is pre her SI18 or SI19 is pre her SI20 or SI21 is pre defines the source for fiers. LACT (DL-10) tLTY (DL-13) *STYC (DL-15)			
			*TOA (DL-16) *DOI (DL-17)			
		SI*TI*DN	*DIRNAME (DL-34) *BRO (DL-28)			
		0	Data Element Su	mmary		
	Ref.	Data				
		<u>Element</u>	<u>Name</u>			
м	<u>Attributes</u> SI01	559	Agency Qualifier Co	ade .	м	ID 2/2
IVI	5101	333	• •		IVI	
				agency assigning the code values elecommunications Industry		
м	SI02	1000	Service Characteris	-	м	AN 2/2
IVI	5102	1000		y code list qualifying the type of serv		AN 2/2
			characteristics			
			BO B	usiness/Residence Placement Overr	ide	
			BR D	irectory Listings Type of Account		
			DG D	egree of Indent		
				irectory Book Name		
				isting Activity Indicator		
				isting Type		
М	SI03	234	TW Si Product/Service ID	tyle Code	м	AN 1/48
IVI	5105	234	Identifying number for	a product or service	IVI	AN 1/40
			LACT (DL-10) = Listing LTY (DL-13) = Listing STYC (DL-15) = Style TOA (DL-16) = Type of DOI (DL-17) = Degree DIRNAME (DL-34) = I	Activity Indicator Type Code of Account of Indent		
Upd	ated: March 11, 2002		est Communications Int I Disclosure Document			257

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes:	0500 PID Detail Optional 1 To descr 1 If PII 2 At le 3 If PII 4 If PII 5 If PII 1 Use bein 2 PID0 code 3 PID0	tibe a product or D04 is present, the ast one of PID04 D07 is present, the D08 is present, the D09 is present, the PID03 to indicate g referred to. D4 should be use D5. D8 describes the	Description process in coded or free-form format hen PID03 is required. For PID05 is required. hen PID03 is required. hen PID04 is required. hen PID05 is required. hen PID05 is required. hen PID05 is required. e the organization that publishes the code d for industry-specific product description physical characteristics of the product ide ates that the specified attribute applies to	entifie	ed
Comments:	4 PID0 1 If PID PID0 used 2 Use bein	terminate. D9 is used to ider D01 equals "F", t D4 is used. If PID d. PID06 when nec g described in th D7 specifies the in	s it does not apply. Any other value is http://www.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.apply.app	5 are ayer	
Notes:	PID*S**1 PID*S**1 PID*S**1 PID*S**1 PID*S**1	[1*AR***SO-RSQ [1*AS***SO-RSQ [1*AT***SO-RSQ [1*AW***SO-RSQ [1*AX***SO-RSQ [1*AY***SO-RSQ [1*AY***SO-RSQ	*LNPL (DL-44) ADI (DL-61) PDML (DL-25) NOSL (DL-26) *TMKT (DL-27)		
		Data Elemei	nt Summary		
Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>				
M PID01	349	Item Description		М	ID 1/1
		Code indicating S	the format of a description Structured (From Industry Code List)		
PID03	559	Agency Qualif		х	ID 2/2
			the agency assigning the code values		
		П	Telecommunications Industry		
PID04	751	Product Descr	-	X	AN 1/12
		A code from an product charact	industry code list which provides specific eristic	data	about a
		AR	Omit Telephone Number		
		AS	Listed Name Placement		
		AT	Address Indicator		
		AW	Direct Mail List		
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		AX AY	No Solicitation Indicator		
		BA	Telemarketing Professional Identifier		
PID07	822	Source Subgua		0	AN 1/15
FIDU	022	•		-	
		Qualifier	ndicates the table or text maintained by	y ine	Source
		SO-RSQ	Service Order - Reseller Questions I	ist	
PID08	1073	Yes/No Conditio	n or Response Code	ο	ID 1/1
		Code indicating a	Yes or No condition or response		
		OMTN (DL-41) = 9			
		Y=(DWS: O-Or	,		
		Blank=(DWS: E	3lank-Do Not Omit)		
		LNPL (DL-44) = L	etter Name Placement		
		Y=(DWS: L-Let	tter Placement)		
		Blank=(DWS: E	Blank-Default to Word Placement)		
		ADI (DL-61) = Ad	dress Indicator		
			nit in DA and Directory)		
		Blank=(DWS: E	Blank-Do Not Omit)		
			iroot Moil Liot		
		DML (DL-25) = D Y=(DWS: O-Or			
		· ·	Blank-Do Not Omit)		
		·	·		
		TMKT (DL-27) = $1$			
			nit From Telemarketing) Blank-Do Not Omit)		
		. ,	No Solicitation Indicator		
		PROF (DL-32) = I	Professional Identifier		

Segment:	REF	Reference Identification		
Position:	1000			
Loop:	POC	Optional		
Level:	Detail			
Usage:	Optional			
Max Use:	>1			
Purpose:	•	fy identifying information		
Syntax Notes: Semantic Notes:	2 If eit 3 If eit	ast one of REF02 or REF03 is required. her C04003 or C04004 is present, then the other is required her C04005 or C04006 is present, then the other is required 04 contains data relating to the value cited in REF02.		
Comments:				
Notes:	REF*LI*/	ALI (DL-11)		
Ref.	Data	Data Element Summary		
		Namo		
<u>Des.</u> Attributes	<u>Element</u>	Name		
REF01	128	Reference Identification Qualifier	м	ID 2/3
		Code qualifying the Reference Identification		•

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

Line Item Identifier (Seller's)

Reference information as defined for a particular Transaction Set or as

LI

**Reference Identification** 

127

Μ

REF02

X AN 1/30

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.
	<b>3</b> 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

			ement Summary		
Ref.	Data				
Des.	Element	<u>Name</u>			
<u>Attributes</u>					
N901	128	Reference	e Identification Qualifier	М	ID 2/3
		Code qualit	fying the Reference Identification		
		82	Data Item Description (DID) Reference	е	
			Specific data elements that the gover a contractor to provide and are spelled requirement documents		
N902	127	Reference	dentification	Х	AN 1/30
			information as defined for a particular Transact y the Reference Identification Qualifier	ion S	Set or as
		"PLA"			

Segment:	MTX Text
Position:	3260
Loop:	N9 Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify textual data
Syntax Notes:	1 If MTX01 is present, then MTX02 is required.
-	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**PLA (DL-55)
	Data Element Summary
Ref.	Data
Des.	Element Name

Attributes				
MTX02	1551	Message Text	Х	AN 1/4096
		To transmit large volumes of message text		
		PLA (DL-55) = Place Listing As		

Segment:	N9 F	Reference Identification						
Position:	3200							
Loop:		Optional						
Level:	Detail							
Usage: Max Use:	Optional							
Purpose:	1 To transmit identifying information as specified by the Reference Identification Qualifier							
Syntax Notes:	<ol> <li>At least one of N902 or N903 is required.</li> <li>If N906 is present, then N905 is required.</li> <li>If either C04003 or C04004 is present, then the other is required.</li> <li>If either C04005 or C04006 is present, then the other is required.</li> </ol>							
Semantic Notes:	<ol> <li>N906 reflects the time zone which the time reflects.</li> <li>N907 contains data relating to the value cited in N902.</li> </ol>							
Comments:		J J						
Notes:	N9*82*LTXTY*LTXTY (DL-57)							
Def	Data	Data Element Summary						
Ref.	Data	Namo						
<u>Des.</u> Attributes	<u>Element</u>	Name						
N901	128	Reference Identification Qualifier	M	ID 2/3				
		Code qualifying the Reference Identification						

Data Item Description (DID) Reference

requirement documents

specified by the Reference Identification Qualifier

Reference information as defined for a particular Transaction Set or as

Specific data elements that the government will ask a contractor to provide and are spelled out in specific

Х

Х

AN 1/30

AN 1/45

82

"LTXTY"

**Reference Identification** 

**Free-form Description** Free-form descriptive text

LTXTY (DL-57) = Listing Text Type

М

N902

N903

127

369

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

To transmit large volumes of message text LTEXT (DL-59) = Line of Text

Message Text

1551

MTX02

X AN 1/4096

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.
	<b>3</b> 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:	<ol> <li>N906 reflects the time zone which the time reflects.</li> </ol>
	2 N907 contains data relating to the value cited in N902.
Comments:	
Notes:	N9*H7*ORI*DL
	Data Element Summary
Ref.	Data
Des.	Element Name

<u>Attributes</u>		Name			
N901	128	Reference Identification Qualifier	Μ	ID 2/3	
		Code qualifying the Reference Identification			
		H7 Standard Clause			
N902	127	Reference Identification	Х	AN 1/30	
		Reference information as defined for a particular Trans specified by the Reference Identification Qualifier ORI Order Instructions	action \$	Set or as	
N903	369	Free-form Description	Х	AN 1/45	
		Free-form descriptive text			
		"DL"			

Segment:	MTX Text	
Position:	3260	
Loop:	N9 Optional	
Level:	Detail	
Usage:	Optional	
Max Use:	>1	
Purpose:	To specify textual data	
Syntax Notes:	<ol> <li>If MTX01 is present, then MTX02 is required.</li> </ol>	
	2 If MTX03 is present, then MTX02 is required.	
	3 If MTX05 is present, then MTX04 is required.	
Semantic Notes:	<ol> <li>MTX05 is the number of lines to advance before printing.</li> </ol>	
Comments:	<ol> <li>If MTX04 is "AA - Advance the specific number of lines before prin then MTX05 is required.</li> </ol>	t",
Notes:	MTX**REMARKS (DL-113)	
	Data Element Summary	
Ref.	Data	
Des.	<u>Element</u> <u>Name</u>	
<u>Attributes</u>		
MTX02	1551 Message Text X	AN 1/4096

To transmit large volumes of message text

REMARKS (DL-113) = Remarks

Segment:	N1 Name
Position:	3400
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.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	<ol> <li>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.</li> <li>N105 and N106 further define the type of entity in N101.</li> </ol>
Notes:	N1*DH*LISTINGS
Ξ.	Data Element Summary

		Data Elonion			
Ref. Des.	Data Element	Name			
Attributes N101	98	Entity Identifier	Code	м	ID 2/3
		Code identifying an individual	an organizational entity, a physical entity, a physical entity of the second entity of the se	sical location,	property o
		DH	Doing Business As		
N102	93	Name	-	Х	AN 1/60
		Free-form name			
		"LISTINGS"			

IN2 Individual Name Structure Components Segment: 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)

	Ref. <u>Des.</u>	Data <u>Element</u>	Name	Summary		
м	Attributes IN201	1104	Name Compone	nt Qualifier	М	ID 2/2
			•	he type of name component Prefix First Name Last Name Generation Combined (Unstructured) Name Preferred First Name or Nickname Professional Title		
М	IN202	93	Name		М	AN 1/60
			LNFN (DL-46) = Li LNLN (DL-45) = Li TL (DL-48) = Title TLD (DL-51) = Title DESD (DL-50a) = NICK (DL-504) = Ni DES (DL-47) = Des	Title of Address 1 for Dual Name isted Name First sted Name Last of Lineage of Lineage for Dual Name Designation for Dual Name ckname		
	IN203	93	Name Free-form name		0	AN 1/60
			INFN (DL-46) = Li "TITLE1" "TITLE1D" "TL" "TLD" "DESD"	isted Name First		

Segment:	N4 Geographic Location					
Position:	3700					
Loop:	N1 Optional					
Level:	Detail					
Usage:	Optional					
Max Use:	1					
Purpose:	To specify the geographic place of the named party					
Syntax Notes:	1 Only one of N402 or N407 may be present.					
	2 If N406 is present, then N405 is required.					
	<b>3</b> If N407 is present, then N404 is required.					
Semantic Notes:						
Comments:	<ol> <li>A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.</li> </ol>					
	<ul><li>2 N402 is required only if city name (N401) is in the U.S. or Canada.</li></ul>					
Notes:	N4**LAST (DL-71)					
10105.						
	Data Element Summary					
Ref.	Data					
Des.	Element Name					
<u>Attributes</u>						
N402	156 State or Province Code X ID 2/2					
	Code (Standard State/Province) as defined by appropriate government					

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

agency

#### NX2 Location ID Component Segment: Position: 3750 Loop: N1 Optional Level: Detail Usage: Optional Max Use: >1 Purpose: To define types and values of a geographic location Syntax Notes: Semantic Notes: Comments: Notes: NX2*01*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)

	Ref.	Data				
	Des.	Element	<u>Name</u>			
	<u>Attributes</u>					
М	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		
М	NX202	166	Address Informat	ion	Μ	AN 1/55
			Address informatio	n		
			LANO (DL-63) = Li	sted Address Number		
			LASN (DL-66) = $Li$	sted Address Street Name		
			LASD $(DL-65) = Li$	sted Address Street Directional Prefix		
				Listed Address Locality		
				sted Address Location		
				sted Address Street Directional Suffix		
			. ,	sted Address Number Prefix		
			· · ·	sted Address Number Suffix		
			· · · ·	sted Address Street Type		

Segment:	SI Service Characteristic Identification
Position:	3950
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.
	2 If either SI06 or SI07 is present, then the other is required.
	3 If either SI08 or SI09 is present, then the other is required.
	4 If either SI10 or SI11 is present, then the other is required.
	5 If either SI12 or SI13 is present, then the other is required.
	6 If either SI14 or SI15 is present, then the other is required.
	7 If either SI16 or SI17 is present, then the other is required.
	8 If either SI18 or SI19 is present, then the other is required.
	9 If either SI20 or SI21 is present, then the other is required.
Semantic Notes:	
Comments:	1 SI01 defines the source for each of the service characteristics
	qualifiers.
Notes:	SI*TI*TN*LTN (DL-39)
	SI*TI*NS*NSTN (DL-40)

Data Element Summary							
	Ref.	Data					
	Des.	Element	<u>Name</u>				
	<u>Attributes</u>						
М	SI01	559	Agency Qualifier Code		Μ	ID 2/2	
			Code identifying t	he agency assigning the code values			
			ТІ	Telecommunications Industry			
М	SI02	1000	Service Charact	eristics Qualifier	Μ	AN 2/2	
			Code from an ind characteristics	ustry code list qualifying the type of ser	vice		
			NS	Non-Standard Telephone Number			
			TN	Telephone Number			
М	SI03	234	Product/Service ID Identifying number for a product or service		Μ	AN 1/48	
				ted Telephone Number Non Standard Telephone Number			
			. /	•			

Segment:	СТІ	<ul> <li>Transaction Totals</li> </ul>							
Position:	0100								
Loop:	CTT	CTT Optional							
Level:	Summar	Summary							
Usage:	Optional								
Max Use:	1								
Purpose:	To transmit a hash total for a specific element in the transaction set								
Syntax Notes:	otes: 1 If either CTT03 or CTT04 is present, then the other is required.								
	2 If eit	her CTT05 or CTT06 is present, then the other is required.							
Semantic Notes:									
Comments:	<ol> <li>This segment is intended to provide hash totals to validate transaction completeness and correctness.</li> </ol>								
Notes:	CTT*Number of POC Segments								
		Data Element Summary							
Ref.	Data								
Des.	<u>Element</u>	<u>Name</u>							
Attributes CTT01	354	Number of Line Items	М	N0 1/6					

Total number of line items in the transaction set

Segment:	SE T	ransaction Set Trailer						
Position:	0300							
Loop:								
Level:	Summary							
Usage:	Mandatory							
Max Use:								
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:	Ũ	,						
Semantic Notes:								
Comments:	1 SE is the last segment of each transaction set.							
Notes:	SE*Number of Segments*TRAN SET CONTROL #							
		Data Element Summary						
Ref.	Data							
Des.	<u>Element</u>	Name						
<u>Attributes</u>								
I SE01	96	Number of Included Segments	N	N0 1/10				
	Total number of segments included in a transaction set including ST and SE segments							
I SE02	329	Transaction Set Control Number	N	AN 4/9				
Identifying control number that must be unique within the transacti functional group assigned by the originator for a transaction set								