UNE-P DSS TRUNKS

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49. UNE-P DSS Trunks

49.1 Business Description

Integrated Services Digital Network (ISDN) is a switched digital service that transfers information over the public switched telephone network. It replaces slower modem technology to offer fast, flexible, highly reliable and digitally clear connections utilizing the same twisted pair of wires that delivers basic phone service to the customer premise.

ISDN Primary Rate Interface (PRI) provides integrated telecommunication services via a four-wire physical network configuration, with full duplex transmission path. Deployment of ISDN requires that the customer's premises be outfitted with ISDN compatible customer premise equipment (CPE).

UNE-P DSS is provided on a DS-1 facility that is multiplexed into 24 channels in various configurations of: direct inward dialing, out dialing, and two way dialing. Therefore, two sets of service orders are required: one for the DS-1 facility; and the other for the T-1 Trunk configuration. For the DS-1 facility request, an LSR must be submitted in conjunction with a Resale Private Line (RPL) form. For this product, the Trunk request, an LSR must be submitted in conjunction with an EU and Resale Service forms.

Service Orders for UNE-P DSS Trunks

The following forms will be used between Qwest and the CLEC for UNE-P DSS Trunk ordering purposes:

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

The following Order Activity Matrices define the available Order, and/or Line and Listing Activities for UNE-P DSS Trunks:

> Business Rules for Combining Order, and/or Line, and Listing Activity for UNE-P DSS Trunk Order Request

Req Type	ACT	Definition	Application	LNA	Forms required
MB	Ν	New Installation	New installation of UNE-P DSS service.	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	Not Allowed	Not Applicable	

	V	Conversion	Conversion As Specified are	V, N, D	LSR, EU, RS, DL (if
	v	As Specified	valid on conversion from	V, N, D	changing listings)
			existing UNP-P DSS from one		o
	CLEC to anot		CLEC to another or		
			conversions from Retail DSS to		
			UNE-P DSS with changes in		
			the service and can include		
			Directory Listing changes.		
	Z	Conversion	Conversion As Specified are	V, N, D	LSR, EU, RS
		As	valid on conversion from		
		Specified,	existing UNP-P DSS from one		
		No Directory	CLEC to another or		
		Listing	conversions from Retail DSS to		
			UNE-P PRI DSS with changes		
			in the service, but with no		
			Directory Listing changes.		
	С	Change	Change to an existing UNE-P	N, C, D, X, P	LSR, EU, RS, DL (if
			DSS service such as,		changing listings)
			add/remove features,		
			add/remove trunks to existing		
			service/account, PIC/LPIC		
			change, change/add/remove		
			Directory Listing, change billing		
			information, change telephone number		
	т	Outside	Outside move of an existing	N, D	LSR, EU, RS, DL (if
		Move	UNE-P DSS end user location.	, 2	changing listings)
	L	Seasonal	Not Allowed	Not Applicable	
	_	Suspend			
	Y	Deny	Not Allowed	Not Applicable	
	В	Restore	Not Allowed	Not Applicable	
	R	Record	Not Allowed	Not Applicable	
	М	Inside Move	Not Allowed	Not Applicable	

Line Activity

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).
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).
Х	Phone	This LNA should only be used for Number
	Number Change	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.
All other LNA	Not Allowed	

LISTING ACTIVITIES

LACT	Definition	Application
N	New Listing	The DL form must specify all details about a
		new listing.
D	Delete	The DL form must indicate the ALI code if not
	existing	the main listing for the listing to be deleted
	listing	and the listing name and text information to
		ensure the correct listing is deleted. A main
		listing cannot be deleted.
I	Change	Change activity is only valid if the person or
	existing	business and book are staying the same, and
	listing (new	just the details of the listing are changing. For
	data)	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 'l' activity. An
		associated DL form for the same listing with
		the listing activity of 'O' is required.
0	Change	Change activity is only valid if the person or
	existing	business and book are staying the same, and
	listing (old	just the details of the listing are changing.
	data)	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 'l' activity. An
		associated DL form for the same listing with
Z	No obongo to	the listing activity of 'l' is required. Only allowed on a conversion as specified
۷.	No change to existing	(ACT = V) or an outside move $(ACT = T)$. The
	listing	DL form must indicate the ALI code (if not a
	listing	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.

49.2 Business Model

See Appendix H

49.3 Developer Worksheets

See Appendices B and C – Developer Worksheets - Order

ORDERING FUNCTION	PRODUCT ID
UNE P DSS Trunk Request	850UDST
UNE P DSS Trunk Supplemental	860UDST
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

49.4 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.

49.4.1 OVERVIEW: Qwest Specific Functional Group Envelope - Routing Information

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

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

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

49.4.2 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' (<u>Note</u> : This Trading partner ID is used only for QWEST order and post- order transactions. The "O" is the unique identifier.)
ISA07	'ZZ' (Mutually Defined)	Co-Provider TP qualifier
ISA08	'QWESTO' (<u>Note</u> : This Trading partner ID is used only for QWEST order and post-order transactions. The "O" is the unique identifier.)	Co-Provider TP ID
ISA09	Date of the interchange. YYMMDD	Date of the interchange. YYMMDD
ISA10	Time of the interchange. HHMM (24 Hour Clock)	Time of the interchange. HHMM (24 Hour Clock)
ISA11	'U' (U.S. EDI Community of ASC X-12, TDCC, and UCS)	<i>'U'</i> (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)

49.4.3 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	850UDST	PO	Co-Provider TP ID	UDST90
Status Update – Auto Push	Send	855SU	PR	SU90	Co-Provider TP ID
Firm Order Confirmation	Send	855FOC	PR	FOC90	Co-Provider TP ID
Non Fatal Error Response	Send	855NF	PR	NF90	Co-Provider TP ID
Fatal Error Response	Send	855FATAL	PR	FATAL90	Co-Provider TP ID
Jeopardy	Send	865JEOP	CA	JEOP90	Co-Provider TP ID
Completion	Send	865COMP	CA	COMP90	Co-Provider TP ID

Supplemental Order

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	860UDST	PC	Co-Provider TP ID	UDST90
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:

49.4.4 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
End User	LSOG 5 and LSOG 3 (When Applicable)	ELMS 5	004020
Local Service Request	LSOG 5	ELMS 5	004020
Directory Listing	LSOG 5	ELMS 5	004020
Resale	LSOG 5	ELMS 5	004020
Status Updates			004020
Firm Order Confirmation			004020
Non Fatal Error Response			004020
Fatal Error Response			004020
Jeopardy			004020
Completion			004020

49.5 Mapping Examples

49.5.1 850 UNE P DSS Trunks Query Service Request (850UDST) – Version 4020

Legend of Symbols in this transaction example

Symbol/Definition	Example
{ } = Valid Format	{CCYYMMDD}
Bold/Italics = Developer's Worksheet	PON
Element	
Superscript = Developer's Worksheet Ref #	LSR-1
DWS used in this mapping example:	
LSR=Local Service Request	
EU=End User	
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 EDI
related data dictionary.	transaction.
> = Sub-element separator in this example	non-printable characters of "0x1f" = Actual
and related data dictionary.	sub-element separator in an EDI transaction.

```
ST*850*TRAN SET CONTROL #
BEG*00*SS*PON<sup>LSR-2</sup>**PO Date(See Trading Partner Access Information)
REF*11*AN
REF*JB*PROJECTLSR-20
REF*SU*RTR<sup>LSR-28</sup>*RTR
REF*CO*RPONLSR-51*RPON
REF*1V*RORD<sup>LSR-52*</sup>RORD
REF*12*BAN1<sup>LSR-61*</sup>BAN1
REF*OW*ORD<sup>RE-6</sup>*ORD
REF*AO*APT CONLSR-15a
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
                                                       [If this segment appears then EXP^{LSR-26} = "Y"]
SAC*N**TI*EXP
SAC*N**TI*VT**********VTALSR-80
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*270*DATED{CCYYMMDD}<sup>LSR-36</sup>
SI*TI*RE*REQTYP
SI*TI*AA*<u>ACT<sup>LSR-24</sup></u>
SI*TI*TY*TOS<sup>LSR-44</sup>
SI*TI*SS* SPEC
```

PID*S**TI*AO***SO-RSQ*AGAUTH PID*S**TI*BI***SO-RSQ*FBI PID*S**TI*PENDING***SO-RSQ***PENDING ORDER**LSR-108b N9*H7*ORI**LSR*****2W>**MANUAL IND**^{LSR-} MTX****REMARKS**^{LSR-108} N9*H7*ORI**EU*****2W>**MANUAL IND**^{EU-63a} MTX****REMARKS**^{EU-63} N9*H7*ORI*RESALE****2W>MANUAL INDRE-60b MTX****REMARKS**RE-60a N1*78***CCNA**^{LSR-1} 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} N1*AN*AUTHNMLSR-37 N1*X1*BILLNMEU-43 N2* SBILLNM 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*SASFEU-45c NX2*62***SATH**EU-45f SI*TI*AF***AFT**EU-44a

End User Form (Location and Access Section)

PO1*n*1*EA***ZZ**EU_SA* SI*TI*OP***WSOP**^{EU-31}*TN***WSOP TEL NO**^{EU-31a} 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*AHNEU-23a NX2*40***SASS**^{EU-16} NX2*59***SAPR**EU-10 NX2*61***SASF**EU-12 NX2*62***SATH**EU-15 NX2*<u>LD1</u>EU-17*LV1EU-18 NX2*<u>LD2</u>EU-19*LV2^{EU-20} NX2*<u>LD3</u>EU-21*LV3^{EU-22} SI*TI*AF*AFT

[PO1 Loop May Repeat]

End User Form (Disconnect Information Section)

PO1*n*1*EA***ZZ* EU_DISC

[PO1 Loop May Repeat]

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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}

[PO1 Loop Repeats **DDQTY**^{DL-23} Times]

DL Form (Delivery Address/Information Section)

SLN*FA*n*A*1*EA SI*TI*SA*<u>FA</u>RE-58*SC*FEATURERE-59

[SLN loop may repeat per FA/FEATURE pair]

SI*TI*FD**FEATURE DETAIL*^{RE-60}

N1*TT* TC NAME^{RE-42} REF*55* TCIDRE-41*SEC SLN**BL**n*A*1*EA SI*TI*BB***BA**^{RE-54}*TB***BLOCK**^{RE-55} [SLN Loop May Repeat]

[SI Segment may repeat]

PO1*n*1*EA***ZZ**RE* SI*TI*SA*<u>LNA</u>^{RE-12} SI*TI*TN* TNS RE-15 SI*TI*OT* OTNRE-19 SI*TI*TD***PTKCON**RE-24 SI*TI*CN**ECCKT*^{RE-28} SI*TI*T6* TC OPT PID*S**TI*AG***SO-RSQ*NIDRRRE-47 PID*X**TI*CFA*CFA^{RE-57} REF*IX* LNUM REF*GP***TSP**^{RE-25} REF*AE***SAN**RE-26 DTM*376*TC PER(CCYYMMDD)RE-40 N1*P9**41*PIC N1*8V**41**LPIC*^{RE-31} SLN*TCPRI*n*A*1*EA SI*TI*TC***TC TO PRI**RE-38 N1*TT* TC NAME RE-38b REF*55* TCIDRE-38a* PRI SLN*TCSEC*n*A*1*EA SI*TI*TC***TC TO SEC**RE-39

[PO1 Loop Repeats **RSQTY**^{RE-5} times]

Resale Form (Service Details Section)

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} SLN*TCPRI*n*A*1*EA SI*TI*TC*TC TO PRIEU-58 N1*TT* TC NAME REF*55* TCIDEU-58a* PRI SLN*TCSEC*n*A*1*EA SI*TI*TC***TC TO SEC**EU-59 N1*TT* TC NAME REF*55*TCIDEU-60*SEC

[SLN Loop May Repeat]

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}

DL Form (Service Details Section)

PO1*n*1*EA***ZZ**DL**SH**RTY*^{DL-12} SI*TI*LB**LACT*^{DL-10} SI*TI*LE**LTY*^{DL-13} SI*TI*TW***STYC**^{DL-15} SI*TI*BR*TOA SI*TI*DG*DOI SI*TI*DN*DIRNAMEDL-34 SI*TI*BO*BRODL-28 PID*S**TI*AR***SO-RSQ* PID*S**TI*AS***SO-RSQ* PID*S**TI*AT***SO-RSQ* PID*S**TI*AW***SO-RSQ*DMLDL-25 PID*S**TI*AX***SO-RSQ***NOSL**DL-26 PID*S**TI*AY***SO-RSQ*TMKT PID*S**TI*BA***SO-RSQ***PROF**^{DL-32} REF*LI***AL**P^{L-11} N9*82*PLA MTX****PLA**DL-55 N9*82*LTXTY***LTXTY**^{DL-57} MTX**LTEXT N9*H7*ORI**DL* MTX****REMARKS**DL-113 N1*DH*LISTINGS IN2*05**LNLN*^{DL-45} IN2*02**LNFN*^{DL-46}**LNFN*^{DL-46} IN2*21***DES**DL-47 IN2*10**TL*^{DL-48}**TL* IN2*01**TITLE1*^{DL-49}**TITLE1* IN2*12*DESD^{DL-50a}*DESD IN2*10**TLD*^{DL-51}**TLD* IN2*01*TITLE1D^{DL-52}*TITLE1D IN2*18**NICK*^{DL-54} 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

[PO1 Loop May Repeat]

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 # 49.5.2 860UNE P DSS Trunks Supplemental Service Request (860UDST) – Version 4010

The 860UDST is identical to the 850UDST, 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 "*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 #

49.6 Data Dictionary

49.6.1 850 UNE-P DSS Trunk Service Request (UDST850)

Functional Group ID=PO

Introduction:

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

This implementation guideline references the following:

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

Notes:

This 850 Transaction includes the mappings for Local Service Request, End User Information, 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	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
	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:

IOOP ID - PO1 100000 M 0100 PO1 Baseline Item Data - End User Form M 1 n1 0180 SI Service Characteristic Identification O >1 200 3500 N1 Name O 1 200 3800 N1 Rame O 1 200 3800 N1 Geographic Location O 1 200 3800 N2 Location ID Component O >1 100000 4050 SI Service Characteristic Identification O >1 100000 M 0100 PO1 Baseline Item Data - End User Form M 1 n2 MI 0100 PO1 Baseline Item Data - End User Form M 1 n2 MI 0100 PO1 Baseline Item Data - End User Form M 1 n2 MI Date/Time Reference Identification O >1 1000 1 Motion REF Referenc		Pos. <u>No.</u>	Seg. <u>ID</u>	Name	Req. <u>Des.</u>	Max.Use	Loop Notes <u>RepeatComm</u>	
0180 SI Service Characteristic Identification 0 >1 1000 1 1000 1 1000 3800 N4 Geographic Location 0 1 3800 N4 Geographic Location 0 >1 3800 N4 Geographic Location 0 >1 4050 SI Service Characteristic Identification 0 >1 0100 PO1 Baseline Item Data - End User Form (Disconnect Information Section) M 1 n2 0180 SI Service Characteristic Identification 0 >1 1 1000 REF Reference Identification 0 1 1 1000 REF Reference Identification 0 1 1 1000 SI Service Characteristic Identification 0 1 1 1000 SI Se				LOOP ID - PO1			100000	
0180 SI Šervice Characteristic Identificátion O >1 3500 N11 Name 0 1 3800 N4 Geographic Location 0 1 4050 Struce Characteristic Identification 0 >1 0180 SI Service Characteristic Identification 0 >1 1000 REF Reference Identification 0 >1 1000 REF Reference Identification 0 1 1000 REF Reference Identification 0 1 1000 REF Reference Identification 0 1 1000 SLN Subline Item Detail	Μ	0100	PO1		М	1		n1
3500 N1 Name O 1 3800 N4 Geographic Location O 1 3850 NX2 Location ID Component O >1 4050 SI Service Characteristic Identification O >1 M 0100 PO1 Baseline Item Data - End User Form M 1 n2 0180 SI Service Characteristic Identification O >1 1 0100 REF Reference Identification O >1 1 1000 REF Reference Identification O >1 1 1000 REF Reference Identification O 1 1 1000 REF Reference Identification O 1 1 1000 SLN Subline Item Detail O 1 1 1000 N1 Name O 1 1 1000 SLN Subline Item Detail O 1 1 1000 <td></td> <td>0180</td> <td>SI</td> <td></td> <td>0</td> <td>>1</td> <td></td> <td></td>		0180	SI		0	>1		
3800 N4 Geographic Location O 1 3850 NX2 Location ID Component O >1 4050 SI Service Characteristic Identification O >1 M 0100 PO1 Baseline Item Data - End User Form (Disconnect Information Section) M 1 n2 0180 SI Service Characteristic Identification O >1 n2 1000 REF Reference Identification O >1 n2 1000 REF Reference Identification O >1 100 4700 SLN Subline Item Detail O 1 10 4700 SLN Subline Item Detail O 1 10 5350 N1 Name O 1 10				LOOP ID - N1			200	
3850 NX2 Location ID Component O >1 4050 SI Service Characteristic Identification O >1 Image: Model of the service Characteristic Identification O >1 10000 M 0100 PO1 Baseline Item Data - End User Form (Disconnect Information Section) M 1 n2 0180 SI Service Characteristic Identification O >1 n2 0180 REF Reference Identification O >1 n2 1000 REF Reference Identification O 1 n2 4700 SLN Subline Item Detail O 1 1 4700 SLN Subline Item Detail O 1 1 5350 NI Name O 1 10 </td <td></td> <td>3500</td> <td>N1</td> <td>Name</td> <td>0</td> <td>1</td> <td></td> <td></td>		3500	N1	Name	0	1		
4050 SI Service Characteristic Identification O >1 M 0100 PO1 Baseline Item Data - End User Form (Disconnect Information Section) M 1 n2 0180 SI Service Characteristic Identification O >1 n2 0180 SI Service Characteristic Identification O >1 n2 0100 REF Reference Identification O >1 1000 1000 REF Reference Identification O >1 100 1000 REF Reference Identification O >1 100 1000 REF Reference Identification O 1 100 1000 SLN Subline Item Detail O 1 10 1400 SI Service Characteristic Identification O 12 10 1530 NI Name O 1 10 15800 REF Reference Identification O 1 10 1600P ID - N1 IOOP ID - N1 10 1 10 1		3800	N4	Geographic Location	0	1		
Image: Market		3850	NX2	Location ID Component	0	>1		
M 0100 PO1 Baseline Item Data - End User Form (Disconnect Information Section) M 1 n2 0180 SI Service Characteristic Identification O >1 1000 REF Reference Identification O >1 1000 PO1 200 DTM Date/Time Reference O 10 1000 PO1		4050	SI	Service Characteristic Identification	0	>1		
Matrix (Disconnect Information Section) O >1 1000 REF Reference Identification O >1 2100 DTM Date/Time Reference O 10 2100 DTM Date/Time Reference O 10 4700 SLN Subline Item Detail O 1 4700 SL Service Characteristic Identification O >1 4800 SI Service Characteristic Identification O 1 5350 NI Name O 1 5350 RF Reference Identification O 12 1000PID - SLN 10 10 5350 NI Name O 1 4700 SLN Subline Item Detail O 1 4700 SLN Service Characteristic Identification O 1 1000 NI Name O 1 10 5350 NI Name O 12 <t< td=""><td></td><td></td><td></td><td>LOOP ID - PO1</td><td></td><td></td><td>100000</td><td></td></t<>				LOOP ID - PO1			100000	
0180 SI Service Characteristic Identification O >1 1000 REF Reference Identification O >1 2100 DTM Date/Time Reference O 10 4700 SLN Subline Item Detail O 1 4700 SLN Subline Item Detail O 1 4800 SI Service Characteristic Identification O >1 100P ID - N1 10 10 10 10 5350 N1 Name O 1 10 4700 SLN Subline Item Detail O 1 10 4800 SI Service Characteristic Identification O 12 10 LOOP ID - N1 100000 12 100000 12 100000	Μ	0100	PO1		М	1		n2
2100 DTM Date/Time Reference O 10 LOOP ID - SLN >1 >1 4700 SLN Subline Item Detail O 1 4800 SI Service Characteristic Identification O >1 1000 DTM IOOP ID - NI 10 10 5350 N1 Name O 1 5800 REF Reference Identification O 12 1000P ID - SLN >1 10 10 4700 SLN Subline Item Detail O 1 1000 DO ID - N1 10 10 10 5350 N1 Name O 1 1000 DO ID - PO1 IOOP ID - PO1 100000 M 0100 PO1 Baseline Item Data - Resale Form (Service M 1		0180	SI	(0	>1		
LOOP ID - SLN >1 4700 SLN Subline Item Detail O 1 4800 SI Service Characteristic Identification O >1 4800 SI Service Characteristic Identification O >1 LOOP ID - NI 10 10 10 5350 N1 Name O 12 LOOP ID - SLN 0 12 10 5800 REF Reference Identification O 12 LOOP ID - SLN >1 10 10 4700 SLN Subline Item Detail O 1 4700 SLN Subline Item Detail O 1 4700 SLN Subline Item Detail O 1 1000 SI Service Characteristic Identification O 10 5350 N1 Name O 1 10 5350 N1 Name O 12 100000 M 0100 PO1 <t< td=""><td></td><td>1000</td><td>REF</td><td>Reference Identification</td><td>0</td><td>>1</td><td></td><td></td></t<>		1000	REF	Reference Identification	0	>1		
4700 SLN Subline Item Detail O 1 4800 SI Service Characteristic Identification O >1 4800 SI Service Characteristic Identification O >1 5350 N1 Name O 1 5350 N1 Name O 1 5800 REF Reference Identification O 12 4700 SLN Subline Item Detail O 1 4800 SI Service Characteristic Identification O >1 1000 N1 Name O 1 10 5350 N1 Name O 1 10 5350 N1 Name O 12 100000 M 0100 PO		2100	DTM	Date/Time Reference	0	10		
4800 SI Service Characteristic Identification O >1 LOOP ID - N1 10 10 5350 N1 Name O 1 5800 REF Reference Identification O 12 LOOP ID - SLN 0 12 10 4700 SLN Subline Item Detail O 1 4700 SLN Subline Item Detail O 1 4800 SI Service Characteristic Identification O 1 4800 SI Service Characteristic Identification O 1 4800 SI Service Characteristic Identification O 1 1000 N1 Name O 1 10 5350 N1 Name O 12 100000 M 0100 PO1 100000 100000 100000 M 0100 PO1 Baseline Item Data - Resale Form (Service M 1 n3 Details Section) <t< td=""><td></td><td></td><td></td><td>LOOP ID - SLN</td><td></td><td></td><td>>1</td><td></td></t<>				LOOP ID - SLN			>1	
LOOP ID - N1 10 5350 N1 Name 0 1 5350 REF Reference Identification 0 12 5800 REF Reference Identification 0 12 4700 SLN Subline Item Detail 0 1 4700 SLN Subline Item Detail 0 1 4800 SI Service Characteristic Identification 0 >1 5350 N1 Name 0 1 10 5350 N1 Name 0 1 10 5350 N1 Name 0 1 10 5350 N1 Name 0 12 100000 M 0100 PO1 Baseline Item Data - Resale Form (Service) M 1 n3 Details Section) Service Characteristic Identification O >1 1000		4700	SLN	Subline Item Detail	0	1		
5350 N1 Name O 1 5800 REF Reference Identification O 12 4700 SLN Subline Item Detail O 1 4700 SLN Subline Item Detail O 1 4800 SI Service Characteristic Identification O >1 1000 ID - N1 0 1 10 5350 N1 Name O 1 5350 REF Reference Identification O 12 100000 Details Section) O 12 100000 PO1 Baseline Item Data - Resale Form (Service M 1 n3 1000 POI Intervice Characteristic Identification O >1 1000 POI IOOP ID - PID 1000 1000		4800	SI	Service Characteristic Identification	0	>1		
5800 REF Reference Identification O 12 LOOP ID - SLN >1 >1 4700 SLN Subline Item Detail O 1 4800 SI Service Characteristic Identification O >1 LOOP ID - NI 10 10 10 5350 N1 Name O 1 5800 REF Reference Identification O 12 LOOP ID - N1 10 10 10 10 5800 REF Reference Identification O 12 M 0100 PO1 Baseline Item Data - Resale Form (Service M 1 n3 0180 SI Service Characteristic Identification O >1 1000				LOOP ID - N1			10	
Image: Loop ID - SLN >1 4700 SLN Subline Item Detail O 1 4800 SI Service Characteristic Identification O >1 4800 SI Service Characteristic Identification O >1 5350 N1 Name O 1 5800 REF Reference Identification O 12 IOOP ID - PO1 100000 12 100000 M 0100 PO1 Baseline Item Data - Resale Form (Service M 1 n3 0180 SI Ervice Characteristic Identification O >1 1000		5350	N1	Name	0	1		
4700 SLN Subline Item Detail O 1 4800 SI Service Characteristic Identification O >1 100P ID - N1 10 10 5350 N1 Name O 1 5800 REF Reference Identification O 12 IOOP ID - PO1 100000 12 100000 M 0100 PO1 Baseline Item Data - Resale Form (Service) M 1 n3 0180 SI Ervice Characteristic Identification O >1 1000		5800	REF	Reference Identification	0	12		
4800 SI Service Characteristic Identification O >1 LOOP ID - N1 10 10 5350 N1 Name O 1 5800 REF Reference Identification O 12 LOOP ID - PO1 100000 12 100000 M 0100 PO1 Baseline Item Data - Resale Form (Service M 1 n3 0180 SI Service Characteristic Identification O >1 1000				LOOP ID - SLN			>1	
LOOP ID - N1 10 5350 N1 Name O 1 5800 REF Reference Identification O 12 LOOP ID - PO1 100000 1 100000 M 0100 PO1 Baseline Item Data - Resale Form (Service M 1 n3 0180 SI Service Characteristic Identification O >1 1000		4700	SLN	Subline Item Detail	0	1		
5350 N1 Name O 1 5800 REF Reference Identification O 12 Image: Marrier Control of the state in the		4800	SI	Service Characteristic Identification	0	>1		
5800 REF Reference Identification O 12 M 0100 PO1 Baseline Item Data - Resale Form (Service) M 1 n3 0180 SI Every Characteristic Identification O >1 LOOP ID - PID 1000				LOOP ID - N1			10	
M 0100 PO1 Baseline Item Data - Resale Form (Service M 1 n3 0180 SI Service Characteristic Identification O >1 LOOP ID - PID 1000		5350	N1	Name	0	1		
M 0100 PO1 Baseline Item Data - Resale Form (Service M 1 n3 Details Section) 0180 SI Ervice Characteristic Identification O >1 LOOP ID - PID 1000		5800	REF	Reference Identification	0	12		
0180 SI Details Section) Service Characteristic Identification COP ID - PID 1000				LOOP ID - PO1			100000	
0180 SI Service Characteristic Identification O >1 LOOP ID - PID 1000	М	0100	PO1		М	1		n3
		0180	SI		0	>1		
0500 PID Product/Item Description O 1				LOOP ID - PID			1000	
		0500	PID	Product/Item Description	0	1		
1000 REF Reference Identification O >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	21	
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	~1	
4800	SI	Service Characteristic Identification	0	>1		
1000	0.					
4700	SLN	LOOP ID - SLN Subline Item Detail	0	1	>1	
4800	SLN	Service Characteristic Identification	0	ا >1		
4000	0		0	~1		
	564	LOOP ID - PO1			100000	
0100	PO1	Baseline Item Data - DL Form (Delivery Address/Information Section)	М	1		n4
0180	SI	Service Characteristic Identification	0	>1		
		LOOP ID - QTY			>1	
2930	QTY	Quantity	0	1		
		LOOP ID - N1			200	
3500	N1	Name	0	1		
3800	N4	Geographic Location	0	1		
3850	NX2	Location ID Component	0	>1		
		LOOP ID - PO1			100000	
0100	PO1	Baseline Item Data - DL Form (Service	М	1		n5
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		
1000		LOOP ID - N9	0	~1	1000	
3300	N9	Reference Identification	0	1	1000	
3400	MTX	Text	0	>1		
			-		4000	
		LOOP ID - N9			1000	

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330	0 N9	Reference Identification	0	1	[]
3400	0 MTX	Text	0	>1	
		LOOP ID - N9			1000
330	0 N9	Reference Identification	0	1	
3400	0 MTX	Text	0	>1	
		LOOP ID - N1			200
350	0 N1	Name	0	1	
365	0 IN2	Individual Name Structure Components	0	>1	
380	0 N4	Geographic Location	0	1	
3850	0 NX2	Location ID Component	0	>1	
405	0 SI	Service Characteristic Identification	0	>1	
		LOOP ID - PO1			100000
M 010	0 PO1	Baseline Item Data - DUMMY	М	1	n6

Summary:

	Pos. <u>No.</u>	Seg. <u>ID</u>	Name	Req. <u>Des.</u>	Max.Use	Loop Notes and <u>RepeatComments</u>	
			LOOP ID - CTT			1	
	0100	CTT	Transaction Totals	0	1	n7	
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. 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	rv		
	Max Use:	1	-)		
S	Purpose: yntax Notes:	To indica	ate the start of a transaction set and to assign a control nur	nbe	r
	antic Notes:				
		2 The trans appr	implementation convention reference (ST03) is used by the slation routines of the interchange partners to select the opriate implementation convention to match the transaction nition.		t
	Comments: Notes:	ST*850*	TRAN SET CONTROL #		
	Ref.	Data	Data Element Summary		
	Des.	Element	Name		
	Attributes				
Μ	ST01	143	Transaction Set Identifier Code	М	ID 3/3
			Code uniquely identifying a Transaction Set		
			850 Purchase Order		
м	ST02	329	Transaction Set Control Number	м	AN 4/9
			Identifying control number that must be unique within the functional group assigned by the originator for a transaction		

	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes:	0200 Heading Mandato 1 To indica transmit	Beginning Segment for Purchase Order ry ate the beginning of the Purchase Order Transaction Set a identifying numbers and dates 605 is the date assigned by the purchaser to purchase ord		
	Comments:				
	Notes:	BEG*00*	*SS*PON (LSR-2)**PO Date (See Trading Partner Access	Infor	mation)
	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Data Element Summary <u>Name</u>		
М	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	м	AN 1/22
			Identifying number for Purchase Order assigned by the orderer/purchaser PON (LSR-2) = Purchase Order Number		
Μ	BEG05	373	Date Date expressed as CCYYMMDD	Μ	DT 8/8

PO Date = Purchase Order Date (See Trading Partner Access Information)

Segment:	REF Reference Identification
Position:	0500
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To specify identifying information
Syntax Notes:	1 At least one of REF02 or REF03 is required.
• • • • • • • • • • • • • • • • • • • •	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*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
	REF*OW*ORD (RE-6)*ÓRD
	REF*AO*APT CON (LSR-15a)

Data Element Summary

			Data Element	Summary		
	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>			
	<u>Attributes</u>					
М	REF01	128	Reference Identi	fication Qualifier	Μ	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		
			OW	Service Order Number		
			SU	Number assigned when a customer of and equipment and which appears on Special Processing Code		service
				Unique code identifying the special har requirements for the claim	andlir	ng
	REF02	127	Reference Identif	fication	Х	AN 1/30
				tion as defined for a particular Transact eference Identification Qualifier	ion S	Set or as
			RTR (LSR-28) = R RPON (LSR-51) =	ount Number)) = Project Identification esponse Type Requested Related Purchase Order Number Related Order Number		
			(J)			

		BAN1 (LSR-61) = Billing Account Number 1 ORD (RE-6) = Order Number APT CON (LSR-15a) = Appointment Confirmation		
REF03	352	Description	Х	AN 1/80
		A free-form description to clarify the related data element content "AN" "RTR" "RPON" "RORD" "BAN1" "ORD"	s and	d their

Segment:	PAM Period Amount
Position:	0950
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	10
Purpose:	To indicate a quantity, and/or amount for an identified period
Syntax Notes:	1 If any of PAM01 PAM02 or PAM03 is present, then all are required.
	2 At least one of PAM02 PAM05 or PAM14 is required.
	3 If either PAM04 or PAM05 is present, then the other is required.
	4 If either PAM06 or PAM07 is present, then the other is required.
	5 If PAM07 is present, then at least one of PAM08 or PAM09 is
	required.
	6 If PAM07 is present, then PAM06 is required.
	7 If PAM08 is present, then PAM07 is required.
	8 If PAM09 is present, then PAM07 is required.
	9 If PAM10 is present, then at least one of PAM11 or PAM12 is
	required.
	10 If PAM11 is present, then PAM10 is required.
	11 If either PAM13 or PAM14 is present, then the other is required.
Semantic Notes:	1 PAM10, PAM11, or PAM12 are used when two dates are required.
	2 PAM15 indicates whether the monetary amount identified in PAM05
	is a net or gross value. A "Y" indicates amount is a gross value; an
	"N" indicates amount is a net value.
Comments:	
Notes:	PAM*48*PG_of_ (LSR-10) (1st 2 Bytes)*EA
	PAM*47*PG_of_ (LSR-10) (2nd 2 Bytes)*EA
	PAM*KC*DQTY (EU-5)*EA
	PAM*QO*RSQTY (RE-5)*EA
	PAM*BH*DDQTY (DL-23)*EA

Data Element Summary

Ref.	Data				
Des.	Element	<u>Name</u>			
<u>Attributes</u>					
PAM01	673	Quantity Qualifie	r	Х	ID 2/2
		Code specifying th	e type of quantity		
		47	Primary Net Quantity		
		48	Secondary Net Quantity		
		BH	Book Order Quantity		
		KC	Net Quantity Decrease		
			The resultant quantity represents a ne	et de	crease to
			a previously transmitted quantity, after	ər adj	ustments
			have been made		
		QO	Operating Quantity		
PAM02	380	Quantity		Х	R 1/15
		Numeric value of q	juantity		
		First 2 bytes of PG	6_of_ (LSR-10)		
		Second 2 bytes of	PG_of_ (LSR-10)		
		DQTY (EU-5) = Dist	sconnect Quantity		
		RSQTY (RE-5) = F	Resale Quantity		
			Number of Delivery Segments		
PAM03	C001	Composite Unit o	of Measure	Х	

		To identify a composite unit of measure (See Figures 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	expressed, or			

	040
Segment:	SAC Service, Promotion, Allowance, or Charge Information
Position:	1200
Loop:	SAC Optional
Level:	Heading
Usage:	Optional
Max Use:	
Purpose:	To request or identify a service, promotion, allowance, or charge; to
	specify the amount or percentage for the service, promotion, allowance, or charge
Syntax Notes:	1 At least one of SAC02 or SAC03 is required.
Cymax notoo.	2 If either SAC03 or SAC04 is present, then the other is required.
	3 If either SAC06 or SAC07 is present, then the other is required.
	4 If either SAC09 or SAC10 is present, then the other is required.
	5 If SAC11 is present, then SAC10 is required.
	6 If SAC13 is present, then at least one of SAC02 or SAC04 is
	required.
	7 If SAC14 is present, then SAC13 is required.
Semantic Notes:	 8 If SAC16 is present, then SAC15 is required. 1 If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or
Semantic Notes:	SAC08 is required.
	 SAC05 is the total amount for the service, promotion, allowance, or
	charge.
	If SAC05 is present with SAC07 or SAC08, then SAC05 takes
	precedence.
	3 SAC08 is the allowance or charge rate per unit.
	4 SAC10 and SAC11 is the quantity basis when the allowance or
	charge quantity is different from the purchase order or invoice
	quantity.
	SAC10 and SAC11 used together indicate a quantity range, which
	could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
	 5 SAC13 is used in conjunction with SAC02 or SAC04 to provide a
	specific reference number as identified by the code used.
	6 SAC14 is used in conjunction with SAC13 to identify an option when
	there is more than one option of the promotion.
	7 SAC16 is used to identify the language being used in SAC15.
Comments:	1 SAC04 may be used to uniquely identify the service, promotion,
	allowance, or charge. In addition, it may be used in conjunction with
	SAC03 to further define SAC02.In some business applications, it is necessary to advise the trading
	partner of the actual dollar amount that a particular allowance,
	charge, or promotion was based on to reduce ambiguity. This
	amount is commonly referred to as "Dollar Basis Amount". It is
	represented in the SAC segment in SAC10 using the qualifier "DO" -
	Dollars in SAC09.
Notes:	SAC*N**TI*EXP [If this segment appears then EXP (LSR-26) = "Y"]
	SAC*N**TI*VT*******VTA (LSR-80)
	Data Element Summary
Ref.	Data
Des.	Element Name
<u>Attributes</u>	
M SAC01	248 Allowance or Charge Indicator M ID 1/1
	Code which indicates an allowance or charge for the convice specified

Code which indicates an allowance or charge for the service specified

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Μ

		Ν	No Allowance or Charge		
SAC03	559	Agency Qualifie	r Code	Х	ID 2/2
		Code identifying t	he agency assigning the code values		
		TI	Telecommunications Industry		
SAC04	1301	• •	, Promotion, Allowance, or Charge	Х	AN 1/10
		Code			
		0,	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 descr content	iption to clarify the related data element	ts and	d their
		VTA (LSR-80) = \	/ariable Term Agreement		

Segment:

DTM Date/Time Reference

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

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:

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

DTM*097*D/TSENT{CCYYMMDD} (LSR-12)*D/TSENT{HHMM} (LSR-12) DTM*270*DATED{CCYYMMDD} (LSR-36)

Data Element Summary

Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	<u>Name</u>			
DTM01	374	Date/Time Quali	fier	М	ID 3/3
		Code specifying ty	pe of date or time, or both date and tim	е	
		097	Transaction Creation		
		150	Service Period Start		
		270	Date Filed		
DTM02	373	Date		Х	DT 8/8
		Date expressed as			
		D/TSENT (LSR-12			
		DDD (LSR-14) = \Box	Desired Due Date = Date of Agency Authorization		
DTM03	337	Time		Х	TM 4/8
		or HHMMSSD, or (00-59), S = intege decimal seconds a hundredths (00-99	24-hour clock time as follows: HHMM, HHMMSSDD, where H = hours (00-23), er seconds (00-59) and DD = decimal se are expressed as follows: D = tenths (0-) (LSR-12) = Time Sent	M =	= minutes ds;
DTM05	1250	Date Time Perio	d Format Qualifier	Х	ID 2/3
		Code indicating th	e date format, time format, or date and	time	format
		RTM	Range of Time Expressed in Format H	HM	M-HHMM
			A range of times expressed in the forr HHMM where HH is the numerical exp hours in the day based on a twenty-fo and MM is the numerical expression of within an hour; the first occurrence of starting time and the second is the en	oress ur ho of mi HHN	sion of our clock nutes 1M is the
		TM	Time Expressed in Format HHMM	0	
			Time expressed in the format HHMM the numerical expression of hours in the on a twenty-four hour clock and MM is	he da	ay based

Μ

		expression of minutes within an hour				
DTM06	1251	Date Time Period X AN 1/3	35			
		Expression of a date, a time, or range of dates, times or dates and times				
		APPTIME{HHMM[-HHMM]} (LSR-15) = Appointment Time				

Segment:	S Service Characteristic Identification
Position: Loop:	1850
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	 If either Sl04 or Sl05 is present, then the other is required. If either Sl06 or Sl07 is present, then the other is required. If either Sl08 or Sl09 is present, then the other is required. If either Sl10 or Sl11 is present, then the other is required. If either Sl12 or Sl13 is present, then the other is required. If either Sl14 or Sl15 is present, then the other is required. If either Sl16 or Sl17 is present, then the other is required. If either Sl16 or Sl17 is present, then the other is required. If either Sl18 or Sl19 is present, then the other is required.
Semantic Notes:	9 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*RE*REQTYP (LSR-23) SI*TI*AA*ACT (LSR-24) SI*TI*TY*TOS (LSR-44) SI*TI*SS*SPEC (LSR-45)
	Data Element Summary

Data Element S	ummary
----------------	--------

				Summary		
	Ref.	Data				
	Des.	Element	<u>Name</u>			
	Attributes					
М	SI01	559	Agency Qualifier	Code	Μ	ID 2/2
			Code identifying th	e agency assigning the code values		
			П	Telecommunications Industry		
М	SI02	1000	Service Characte	ristics Qualifier	Μ	AN 2/2
			Code from an indu	stry code list qualifying the type of serv	ice	
			characteristics			
			AA	Account Activity Code		
			RE	Requisition Type and Status		
			SS	Service Sub-catagory Code		
			TY	Type of Service		
М	SI03	234	Product/Service	ID	Μ	AN 1/48
			Identifying number	for a product or service		
			ACT (LSR-24) = A	ctivity		
			A = (DWS : N -			
				Disconnect of entire account)		
			C = (DWS : C -			
				Conversion As Specified)		
				Dutside Move (T/F))		
				- Conversion as is		
			· ·	Conversion as spec/no listing)		
			,			
			REQTYP (LSR-23)) = Requisition Type and Status		
			TOS (LSR-44) = T_2	ype of Service		
			SPEC (LSR-45) =	Service and Product Enhancement Cod	de	

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:	 Use PID03 to indicate the organization that publishes the code list being referred to. 					
	 PID04 should be used for industry-specific product description codes. 					
	3 PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.					
	4 PID09 is used to identify the language being used in PID05.					
Comments:	1 If PID01 equals "F", then PID05 is used. If PID01 equals "S", then					
	PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.					
	2 Use PID06 when necessary to refer to the product surface or layer					
	being described in the segment.					
	3 PID07 specifies the individual code list of the agency specified in PID03.					
Notes:	PID*S**TI*AO***SO-RSQ*AGAUTH (LSR-35)					
	PID*S**TI*BI***SO-RSQ*FBI (EU-42)					
	PID*S**TI*PENDING***SO-RSQ*PENDING ORDER (LSR-108b)					

Data Element Summary

Ref.	Data		Jannar y		
	Element	Nama			
<u>Des.</u> Attributes	Liement	Name			
PID01	349	Item Description	Туре	М	ID 1/1
		Code indicating the	e format of a description		
		S	Structured (From Industry Code List)		
PID03	559	Agency Qualifier	Code	Х	ID 2/2
		Code identifying th	e agency assigning the code values		
		TI	Telecommunications Industry		
PID04	751	Product Descripti	ion Code	Х	AN 1/12
		A code from an industry code list which provides specific data about a product characteristic			
		AO	Agency Authorization Status		
		BI	Final Bill Information Indicator		
		PENDING	Pending Order		
PID07	822	Source Subquali	fier	0	AN 1/15
		A reference that in Qualifier	dicates the table or text maintained by	the S	Source
		SO-RSQ	Service Order - Reseller Questions Li	st	

PID08 1073		Yes/No Condition or Response Code	0	ID 1/1
		Code indicating a Yes or No condition or response		
		<pre>FBI (EU-42) = Final Bill Information Indicator N = (DWS : E - Existing (Default)) Y = (DWS : D - Different)</pre>		
		AGAUTH (LSR-35) = Agency Authorization Status PENDING ORDER (LSR-108b) = Pending Order		

Segment:	N9 Reference Identification	
Position:	2950	
Loop:	N9 Optional	
Level:	Heading	
Usage:	Optional	
Max Use:		
Purpose:	To transmit identifying information as specified by the Reference	
	Identification Qualifier	
Syntax Notes:	1 At least one of N902 or N903 is required.	
	2 If N906 is present, then N905 is required.	
	3 If either C04003 or C04004 is present, then the other is required.	
	4 If either C04005 or C04006 is present, then the other is required.	
Semantic Notes:	1 N906 reflects the time zone which the time reflects.	
	2 N907 contains data relating to the value cited in N902.	
Comments:		
Notes:	N9*H7*ORI*LSR****2W>MANUAL IND (LSR-108a)	
NO(63.	NO TH OKIEOK ZWZMANOAL IND (LOK 1000)	
	Data Element Summary	
Ref.	Data	
Des.	Element Name	
<u>Attributes</u>		
NOOA	100 Deference Identification Qualifier M	

	Allibules				
М	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	iction \$	Set or as
	N903	369	Free-form Description	Х	AN 1/45
			Free-form descriptive text		
			"LSR"		
	N907	C040	Reference Identifier	0	
			To identify one or more reference numbers or identificat specified by the Reference Qualifier	ion nu	imbers as
М	C04001	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 Transa specified by the Reference Identification Qualifier MANUAL IND (LSR-108a) = Manual Indicator	iction (Set or as

Segment:	MTX Text		
Position:	3000		
Loop:	N9 Optional		
Level:	Heading		
Usage:	Optional		
Max Use:	>1		
Purpose:	To specify textual data		
Syntax Notes:	 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:	 MTX05 is the number of lines to advance before printing. 		
Comments:	 If MTX04 is "AA - Advance the specific number of lines before prin then MTX05 is required. 	nt",	
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 Reference Identification
Position:	2950
Loop:	N9 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To transmit identifying information as specified by the Reference
	Identification Qualifier
Syntax Notes:	1 At least one of N902 or N903 is required.
	2 If N906 is present, then N905 is required.
	3 If either C04003 or C04004 is present, then the other is required.
	4 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 N906 reflects the time zone which the time reflects.
-	2 N907 contains data relating to the value cited in N902.
Comments:	
Notes:	N9*H7*ORI*EU****2W>MANUAL IND (EU-63a)
	Data Element Summary
Ref.	Data Element Summary
Des.	Element Name
Des.	

	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 identificati 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	М	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:	3000		
Loop:	N9 Optional		
Level:	Heading		
Usage:	Optional		
Max Use:	>1		
Purpose:	To specify textual data		
Syntax Notes:	 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:	 MTX05 is the number of lines to advance before printing. 		
Comments:	 If MTX04 is "AA - Advance the specific number of lines before p then MTX05 is required. 	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:	N9 Reference Identification
Position:	2950
Loop:	N9 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To transmit identifying information as specified by the Reference Identification Qualifier
Syntax Notes:	1 At least one of N902 or N903 is required.
	2 If N906 is present, then N905 is required.
	3 If either C04003 or C04004 is present, then the other is required.
	4 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 N906 reflects the time zone which the time reflects.
	2 N907 contains data relating to the value cited in N902.
Comments:	·
Notes:	N9*H7*ORI*RESALE****2W>MANUAL IND (RE-60b)
	Data Element Summary
Pof	Data

		Data Liement Summary		
Ref.	Data			
Des.	<u>Element</u>	<u>Name</u>		
Attributes 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 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	
			on nu	mbers as
C04001	128	Reference Identification Qualifier	М	ID 2/3
		Code qualifying the Reference Identification		
		2W Change Order Authority		
C04002	127	Reference Identification	Μ	AN 1/30
		specified by the Reference Identification Qualifier	tion \$	Set or as
		MANUAL IND (RE-60b) = Manual Indicator		
	<u>Des.</u> <u>Attributes</u> N901 N902 N903 N907 C04001	Des. Element Attributes 128 N901 127 N902 127 N903 369 N907 C040 C04001 128	Ref. Data Des. Element Name Attributes N901 128 Reference Identification Qualifier N901 128 Reference Identification Qualifier N901 128 Reference Identification Qualifier N902 127 Reference Identification N903 369 Free-form Description Free-form descriptive text "RESALE" N907 C040 Reference Identification N907 C0400 Reference Identification Qualifier To identify one or more reference numbers or identification specified by the Reference Qualifier Code qualifying the Reference Identification C04001 128 Reference Identification Qualifier Code qualifying the Reference Identification ZW Change Order Authority ZW Change Order Authority C04002 127 Reference Iden	Ref. Data Des. Element Name Attributes N901 128 Reference Identification Qualifier M N901 128 Reference Identification Qualifier M N902 127 Reference Identification X Reference Identification X Reference Identification X N902 127 Reference Identification X Reference Identification Q X Reference Identification Qualifier Q ORI Order Instructions Qualifier Q Q N903 369 Free-form Description X X Free-form descriptive text "RESALE" Q Q N907 C040 Reference Identification Qualifier Q N907 C0400 Reference Identification Qualifier M Code qualifying the Reference Qualifier Q Q C04001 128 Reference Identification Qualifier M QW Change Order Authority M Reference Identification M QUI Code qualifying the Reference Identifica

Segment:	MTX Text	
Position:	3000	
Loop:	N9 Optional	
Level:	Heading	
Usage:	Optional	
Max Use:	>1	
Purpose:	To specify textual data	
Syntax Notes:	 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:	 MTX05 is the number of lines to advance before printing. 	
Comments:	 If MTX04 is "AA - Advance the specific number of lines before print then MTX05 is required. 	,
Notes:	MTX**REMARKS (RE-60a)	
NOLES.	NITA REMARKS (RE-00a)	
	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 (RE-60a) = 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:	 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party. N105 and N106 further define the type of entity in N101. 						
Notes:	N1*78*CCNA (LSR-1)						
Notes.							

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

PER Administrative Communications Contact

Segment:

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.
	2 If either DED07 or DED09 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 Summary

		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
		Code identifying th	e major duty or responsibility of the per	rson	or group
		named			
		AG	Agent		
		AL	Alternate Contact		
			Person to be contacted when the ma	in co	ntact is not
			available		
		CN	General Contact		
PER02	93	Name		Ο	AN 1/60
		Free-form name			
		INIT (LSR-81) = Ini	tiator Identification		
		```	= Implementation Contact		
		ALT IMPCON (LSF	R-94) = Alternate Implementation Conta	act	
PER03	365	Communication I	Number Qualifier	Х	ID 2/2
		Code identifying th	e type of communication number		
		TE	Telephone		
PER04	364	<b>Communication</b>	Number	Х	AN 1/256
		Complete commun	ications number including country or a	rea c	ode when
		applicable			
		````	= Telephone Number		
			= Telephone Number		
55545			= Telephone Number	×	15.6/6
PER05	365	Communication I		Х	ID 2/2
			e type of communication number		
		BN	Beeper Number		
		FX	Facsimile		
PER06	364	Communication	Number	Х	AN 1/256
		Complete commun	ications number including country or a	rea c	ode when
		applicable			

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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 of applicable	r area o	code when
		EMAIL (LSR-83) = Electronic Mail Address		

Segment:	N1 ⊾	ame							
Position:	3100								
Loop:	N1	Optional							
Level:	Heading								
Usage:	Optional	•							
Max Use:	1								
Purpose:	To identi	fy a party by type of organization, name, and code							
Syntax Notes:	1 At le	ast one of N102 or N103 is required.							
-	2 If eit	ner 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 ding organizational identification. To obtain this efficiency the Code" (N104) must provide a key to the table maintained by the action processing party. 5 and N106 further define the type of entity in N101.							
Notes:	N1*AN*A	UTHNM (LSR-37)							
Ref.	Data	Data Element Summary							
<u>Des.</u>	<u>Element</u>	Name							
Attributes	98	Entity Identifier Code M	ID 2/3						
	90								
		Code identifying an organizational entity, a physical location an individual	, property or						

AN Authorized From

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

X AN 1/60

Free-form name AUTHNM (LSR-37) = Authorization Name

N102

93

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

Μ

			Summary		
Ref.	Data				
Des.	<u>Element</u>	<u>Name</u>			
<u>Attribut</u>	es				
N101	98	Entity Identifier C	Code	Μ	ID 2/3
		Code identifying an individual	n organizational entity, a physical locat	ion, p	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		

Semar	Segment: Position: Loop: Level: Usage: Max Use: Purpose: tax Notes: tax Notes: comments:	3200 N1 Heading Optional 2 To speci	fy additional names		
	Notes:	N2*SBIL	LNM (EU-44)		
			Data Element Summary		
	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Name		
М	N201	93	Name	M	AN 1/60
			Free-form name		
			SBILLNM (EU-44) = Secondary Billing 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.		
		106 is present, then N405 is required.		
		107 is present, then N404 is required.		
Semantic Notes:				
Comments:	1 A co	mbination of either N401 through N404, or N405 and N406	may	/
		dequate to specify a location.	-	
		2 is required only if city name (N401) is in the U.S. or Cana	da.	
Notes:		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	aov	ernment
		agency	3-	
		STATE (EU-49) = State/Province		
N403	116		0	ID 3/15
14403	110		-	
		Code defining international postal zone code excluding pur blanks (zip code for United States)	nctu	ation and
		ZIP (EU-50) = ZIP/Postal Code		

NX2 Location ID Component Segment: Position: 3450 Loop: N1 Optional Heading Level: Usage: Optional Max Use: >1 Purpose: To define types and values of a geographic location Syntax Notes: Semantic Notes: Comments: Notes: NX2*01*SANO (EU-45b) NX2*02*SASN (EU-45e) NX2*03*SASD (EU-45d) NX2*07*CITY (EU-48) NX2*32*FLOOR (EU-46) NX2*35*ROOM/MAIL STOP (EU-47) NX2*40*SASS (EU-45g) NX2*59*SAPR (EU-45a) NX2*61*SASF (EU-45c)

Data Element Summary

NX2*62*SATH (EU-45f)

	Ref.	Data				
	Des.	Element	<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		
			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		
			59	Street Number Low		
			61	Street Number Fraction		
			62	Street Name Suffix		
М	NX202	166	Address Informat	ion	М	AN 1/55
			Address information	n		
			SANO (EU-45b) =	Service Address Number		
			SASN (EU-45e) =	Service Address Street Name		
			. ,	Service Address Street Directional Pre	fix	
			CITY (EU-48) = Ci	•		
			FLOOR (EU-46) =			
				P (EU-47) = Room/Mail Stop		
				Service Address Street Directional Suf	ſΪΧ	
			, , ,	Service Address Number Prefix		
			````	Service Address Number Suffix		
			SATH (EU-45f) = S	Service Address Street Type		

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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	NL		
	<u>Des.</u> Attributes	<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	vice	
			AF Address Format Type		
М	SI03	234	Product/Service ID	М	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	cces	55
	Section)			
Position:	0100			
Loop:	PO1	Mandatory		
Level:	Detail			
Usage:	Mandato	У		
Max Use:	1			
Purpose:		y basic and most frequently used line item data		
Syntax Notes:		103 is present, then PO102 is required.		
		105 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.		
		ner 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. ner 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.		
		01 is the line item identification.		
	3 PO1	06 through PO125 provide for ten different product/service II	Ds	
	per e	ach 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]		
<b>P</b> (	<b>-</b> (	Data Element Summary		
Ref.	Data			
Des.	<u>Element</u>	<u>name</u>		
<u>Attributes</u> PO101	350	Assigned Identification	0	AN 1/20
FUIUI	350		-	
		Alphanumeric characters assigned for differentiation within	atr	ansaction
		set "n" = nth assigned ID within PO1 loop		
PO102	330	- · ·	х	R 1/15
FOIUZ	330	-	^	K 1/13
		Quantity ordered		
DO400	055	1 Always One	~	
PO103	355		о	ID 2/2
		Code specifying the units in which a value is being express	sed,	or
		manner in which a measurement has been taken EA Each		
<b>PO106</b>	225		х	ID 2/2
PO106	235			
		Code identifying the type/source of the descriptive number	use	ain
		Product/Service ID (234)		

 ZZ
 Mutually Defined

 234
 Product/Service ID

 Identifying number for a product or service

X AN 1/48

"EU_SA"

PO107

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

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

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> </ol>
	2 N105 and N106 further define the type of entity in N101.
Notes:	N1*IT*NAME (EU-8)

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 an individual IT Installation on Site	, a physical location, property or
N102	93	Name Free-form name	X AN 1/60
		NAME (EU-8) = End User Name	

Segment:	N4 Geographic Location
Position:	3800
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify the geographic place of the named party
Syntax Notes:	1 Only one of N402 or N407 may be present.
	2 If N406 is present, then N405 is required.
	<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>
	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
Attributes	
NIA00	150 State or Dravinge Code VID 0/0

<u>Attributes</u>					
N402	156	State or Provin	ce Code	Х	ID 2/2
		agency	State/Province) as defined by appropriate	e gov	rernment
		STATE (EU-25)	= State/Province		
N403	116	Postal Code		0	ID 3/15
		blanks (zip code	ternational postal zone code excluding pu for United States)	Inctu	lation and
		ZIP (EU-26) = ZI	P/Postal Code		
N405	309	Location Quali	fier	Х	ID 1/2
		Code identifying	type of location		
		RJ	Region		
N406	310	Location Ident	fier	0	AN 1/30
		Code which ider	tifies a specific location		
		CALA (EU-26a)	= Customer Address Location Area		

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

Notes:

Ref.

Data

# NX2 Location ID Component

3850 N1 Optional Detail Optional >1 To define types and values of a geographic location Comments: 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**

Des. Attributes NX201       Element 1106       Name         Attributes NX201       1106       Address Component Qualifier       M       ID 2/2         Code qualifying the type of address component       LD1 (EU-17) = Location Designator 1 13 = (DWS: APT)       Itelevent       Itelevent         14 = (DWS: SUIT)       34 = (DWS: SUIT)       34 = (DWS: SUIT)       Itelevent       Itelevent         35 = (DWS: RM)       36 = (DWS: SLIP)       37 = (DWS: UNIT)       Itelevent       Itelevent         LD2 (EU-19) = Location Desinator 2       32 = (DWS: FLR)       Itelevent       Itelevent         LD3 (EU-21) = Location Desinator 3       12 = (DWS: BLDG)       Itelevent       Itelevent         30 = (DWS: WNG)       01       Street Number       Itelevent       Itelevent         03       Prefix Direction       05       P.O. Box Number       Itelevent         06       Rural Route Number       Itelevent       Itelevent	Dec	Dala	Nomo			
NX2011106Address Component QualifierMID 2/2Code qualifying the type of address componentLD1 (EU-17) = Location Designator 113 = (DWS: APT)14 = (DWS: SUIT)34 = (DWS: LOT)35 = (DWS: RM)36 = (DWS: SLIP)37 = (DWS: UNIT)LD2 (EU-19) = Location Desinator 232 = (DWS: FLR)LD3 (EU-21) = Location Desinator 312 = (DWS: BLDG)30 = (DWS: PIER)63 = (DWS: WNG)01Street Name0304Rural Route Number06Rural Route Number		<u>Element</u>	<u>name</u>			
LD1 (EU-17) = Location Designator 1 13 = (DWS: APT) 14 = (DWS: SUIT) 34 = (DWS: LOT) 35 = (DWS: RM) 36 = (DWS: SLIP) 37 = (DWS: UNIT) LD2 (EU-19) = Location Desinator 2 32 = (DWS: FLR) LD3 (EU-21) = Location Desinator 3 12 = (DWS: BLDG) 30 = (DWS: BLDG) 30 = (DWS: PIER) 63 = (DWS: WNG) 01 Street Number 02 Street Name 03 Prefix Direction 05 P.O. Box Number 06 Rural Route Number		1106	Address Com	oonent Qualifier	М	ID 2/2
13 = (DWS: APT) $14 = (DWS: SUIT)$ $34 = (DWS: LOT)$ $35 = (DWS: RM)$ $36 = (DWS: SLIP)$ $37 = (DWS: UNIT)$ LD2 (EU-19) = Location Desinator 2 $32 = (DWS: FLR)$ LD3 (EU-21) = Location Desinator 3 $12 = (DWS: BLDG)$ $30 = (DWS: PIER)$ $63 = (DWS: WNG)$ 01Street Number020304050506Rural Route Number			Code qualifying	the type of address component		
63 = (DWS: WNG)01Street Number02Street Name03Prefix Direction05P.O. Box Number06Rural Route Number			LD1 (EU-17) = 13 = (DWS: 14 = (DWS: 34 = (DWS: 35 = (DWS: 36 = (DWS: 37 = (DWS: LD2 (EU-19) = 32 = (DWS: LD3 (EU-21) = 12 = (DWS:	Location Designator 1 APT) SUIT) LOT) RM) SLIP) JNIT) Location Desinator 2 FLR) Location Desinator 3 BLDG)		
01Street Number02Street Name03Prefix Direction05P.O. Box Number06Rural Route Number						
02Street Name03Prefix Direction05P.O. Box Number06Rural Route Number			•			
05P.O. Box Number06Rural Route Number			02	Street Name		
06 Rural Route Number			03	Prefix Direction		
			05	P.O. Box Number		
			06	Rural Route Number		
Or City Name			07	City Name		
39 Unstructured Property			39	-		

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Μ

	40	Street Suffix		
	59	Street Number Low		
	61	Street Number Fraction		
	62	Street Name Suffix		
166	Address Informa	tion	М	AN 1/55
	Address information	on		
	SASN (EU-14) = 5 SASD (EU-13) = 5 BOX (EU-23c) = B ROUTE (EU-23b) CITY (EU-24) = Ci AHN (EU-23a) = A SASS (EU-16) = 5 SAPR (EU-10) = 5 SASF (EU-12) = 5	= Route ty Assigned House Number Service Address Street Directional Suff Service Address Number Prefix Service Address Number Suffix Service Address Street Type cation Value 1 cation Value 2		

Μ

NX202 1

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.					
	<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					
comments.	qualifiers.					
Notes:	SI*TI*AF*AFT (EU-9)					

	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 set 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

Segment:	PO1	Baseline Item Data - End User Form (Disconnect						
	Informa	ion Section)						
Position:	0100	,						
Loop:	PO1	Mandatory						
Level:	Detail							
Usage:	Mandato	ГУ Г						
Max Use:	1							
Purpose:		y basic and most frequently used line item data						
Syntax Notes:		103 is present, then PO102 is required.						
		105 is present, then PO104 is required.						
		ner PO106 or PO107 is present, then the other is required.						
		ner PO108 or PO109 is present, then the other is required.						
		her PO110 or PO111 is present, then the other is required.						
		ner PO112 or PO113 is present, then the other is required. ner 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.						
		ner PO122 or PO123 is present, then the other is required.						
		ner PO124 or PO125 is present, then the other is required.						
Semantic Notes:								
Comments:		the Data Element Dictionary for a complete list of IDs.						
		<b>2</b> PO101 is the line item identification.						
		06 through PO125 provide for ten different product/service IE						
	•	each item. For example: Case, Color, Drawing No., U.P.C. I	NO.,					
Notes:		I No., Model No., or SKU. *EA***ZZ*EU_DISC       [PO1 Loop May Repeat]						
140165.	FUTIT							
		Data Element Summary						
Ref.	Data	Data Liement Gummary						
Des.	Element	Name						
Attributes								
PO101	350	Assigned Identification	ο	AN 1/20				
		Alphanumeric characters assigned for differentiation within	a tr	ansaction				
		set						
		"n" = nth assigned ID within PO1 loop						
PO102	330	Quantity Ordered	Х	R 1/15				
		Quantity ordered						
		1 Always One						

	1 Always One		
PO103 355	Unit or Basis for Measurement Code	0	ID 2/2
	Code specifying the units in which a value is being expre manner in which a measurement has been taken EA Each	essed	, or
PO106 235	Product/Service ID Qualifier	Х	ID 2/2
	Code identifying the type/source of the descriptive numb Product/Service ID (234) ZZ Mutually Defined	er us	ed in
PO107 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:	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:	<ol> <li>SI01 defines the source for each of the service characteristics qualifiers.</li> </ol>
Notes:	SI*TI*ND*DISC NBR (EU-55) SI*TI*T6*TC OPT (EU-57)

				Cammary		
	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>	-		
М	SI01	559	Agency Qualifier	r Code	М	ID 2/2
			• •	he agency assigning the code values		
			П	Telecommunications Industry		
М	SI02	1000	Service Characte	eristics Qualifier	М	AN 2/2
			Code from an induction characteristics	ustry code list qualifying the type of ser	vice	
			ND	Disconnect Number		
			Т6	Transfer of Calls Option		
М	SI03	234	<b>Product/Service</b>	ID	Μ	AN 1/48
			Identifying number	r for a product or service		
				5) = Disconnect Telephone Number = Transfer of Call Options		
			. ,			

		-		
Segment:	REF	Reference Identification		
Position:	1000			
Loop:	PO1	Mandatory		
Level:	Detail			
Usage:	Optional			
Max Use:	>1			
Purpose:	•	fy identifying information		
Syntax Notes:		ast one of REF02 or REF03 is required.		
		her C04003 or C04004 is present, then the other is req		
		her C04005 or C04006 is present, then the other is req	uirea.	
Semantic Notes: Comments:	1 REF	04 contains data relating to the value cited in REF02.		
Notes:	REF*IX*	DNUM (EU-54)*DNUM		
Notes.				
		Data Element Summary		
Ref.	Data			
Des.	Element	Name		
<u>Attributes</u>				
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 Trans	saction {	Set or as
		specified by the Reference Identification Qualifier	Saction	
		DNUM (EU-54) = Disconnect Line Number		
REF03	352	Description	Х	AN 1/80
		A free-form description to clarify the related data elem	ients and	d their
		content		
		"DNUM"		

м

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments:	2100 PO1 Detail Optional 10 To speci <b>1</b> At le <b>2</b> If DT <b>3</b> If eith	Date/Time Reference Mandatory fy pertinent dates and times 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.		
Notes:	DTM*376	3*TC PER{CCYYMMDD} (EU-62)		
Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Data Element Summary <u>Name</u>		
DTM01	374	Date/Time Qualifier	М	ID 3/3
		Code specifying type of date or time, or both date and time 376 Delivery End The date that deliveries will end	;	
DTM02	373	DateDate expressed as CCYYMMDDTC PER (EU-62) = Transfer of Calls Period	X	DT 8/8

Μ

Segment: Position:	<b>SLN</b> 4700	Subline Item Detail		
Loop:	SLN	Optional		
Level:	Detail			
Usage:	Optional			
Max Use:	1 To on or:	francelist subline eleteil items dete		
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.		
	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:		01 is the identifying number for the subline item.		
		02 is the identifying number for the subline level. The sublir	ne	
		is analogous to the level code used in a bill of materials.		
	3 SLN	03 is the configuration code indicating the relationship of th	e	
		ne item to the baseline item.		
		08 is a code indicating the relationship of the price or amo	unt to	)
•		associated segment.		
Comments:		the Data Element Dictionary for a complete list of IDs.	P.a. a	
		01 is related to (but not necessarily equivalent to) the base		or
		number. Example: 1.1 or 1A might be used as a subline n late to baseline number 1.	unne	51
		09 through SLN28 provide for ten different product/service I	Ds	
		ach item. For example: Case, Color, Drawing No., U.P.C.		
		No., Model No., or SKU.	- ,	
Notes:		PRI*n*A*1*EA		
	_	Data Element Summary		
Ref.	Data	N1		
<u>Des.</u> Attributes	<u>Element</u>	<u>Name</u>		
Attributes SLN01	350	Assigned Identification	м	AN 1/20
	550	Alphanumeric characters assigned for differentiation within		
		set	ı a li	ansaulun
		"TCPRI"		
<b>0</b> 1 1				

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Numeric value of quantity

Assigned Identification

**Relationship Code** 

"n" = nth assigned ID within SLN loop

Code indicating the relationship between entities

Add

0

Μ

Alphanumeric characters assigned for differentiation within a transaction

AN 1/20

ID 1/1

X R 1/15

М

Μ

SLN02

SLN03

SLN04

350

662

380

set

А

Quantity

			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
IVI	COULDI	300	Code specifying the units in which a value is bei manner in which a measurement has been take	ing expressed, or
			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>				
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	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)

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	sical location, property or
N102	93	Name	X AN 1/60
		Free-form name	
		TC NAME (EU-58b) = Transfer of Calls to Name	

Segment:		Reference Identification		
Position:	5800	Ontinent		
Loop:		Optional		
Level:	Detail			
Usage:	Optional			
Max Use:	12			
Purpose:	•	fy identifying information		
Syntax Notes:		ast one of REF02 or REF03 is required.		
		her C04003 or C04004 is present, then the other is requ		
		her C04005 or C04006 is present, then the other is requ	iired.	
Semantic Notes:	1 REF	04 contains data relating to the value cited in REF02.		
Comments:				
Notes:	REF*55*	TCID (EU-58a)*PRI		
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
		Reference information as defined for a particular Trans specified by the Reference Identification Qualifier TCID (EU-58a) = Transfer of Calls to Identifier	action §	Set or as

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

Х

AN 1/80

Description

content "PRI"

М

REF03

352

Segment:	SLN Subline Item Detail
Position:	4700
Loop:	SLN Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify product subline detail item data
Syntax Notes:	1 If either SLN04 or SLN05 is present, then the other is required.
	2 If SLN07 is present, then SLN06 is required.
	3 If SLN08 is present, then SLN06 is required.
	4 If either SLN09 or SLN10 is present, then the other is required.
	5 If either SLN11 or SLN12 is present, then the other is required.
	6 If either SLN13 or SLN14 is present, then the other is required.
	7 If either SLN15 or SLN16 is present, then the other is required.
	8 If either SLN17 or SLN18 is present, then the other is required.
	<b>9</b> If either SLN19 or SLN20 is present, then the other is required.
	<b>10</b> If either SLN21 or SLN22 is present, then the other is required.
	<b>11</b> If either SLN23 or SLN24 is present, then the other is required.
	<b>12</b> If either SLN25 or SLN26 is present, then the other is required.
	<b>13</b> If either SLN27 or SLN28 is present, then the other is required.
Semantic Notes:	1 SLN01 is the identifying number for the subline item.
	2 SLN02 is the identifying number for the subline level. The subline
	level is analogous to the level code used in a bill of materials.
	<b>3</b> SLN03 is the configuration code indicating the relationship of the
	subline item to the baseline item.
	4 SLN08 is a code indicating the relationship of the price or amount to
Commonto	the associated segment.
Comments:	1 See the Data Element Dictionary for a complete list of IDs.
	2 SLN01 is related to (but not necessarily equivalent to) the baseline
	item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1.
	3 SLN09 through SLN28 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No.,
	ISBN No., Model No., or SKU.
Notes:	SLN*TCSEC*n*A*1*EA [SLN Loop May Repeat]
NO(63.	
	Data Element Summary
<b>P</b> (	

	Ref.	Data			
	Des.	<u>Element</u>	<u>Name</u>		
	<u>Attributes</u>				
Μ	SLN01	350	Assigned Identification	М	AN 1/20
			Alphanumeric characters assigned for differentiation within set	nat	ransaction
			"TCSEC"		
	SLN02	350	Assigned Identification	0	AN 1/20
			Alphanumeric characters assigned for differentiation within set	nat	ransaction
			"n" = nth assigned ID within SLN loop		
Μ	SLN03	662	Relationship Code	Μ	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	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
IVI	COULD	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:	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.
Syntax Notes.	2 If either Slo6 or Slo7 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.
	<b>6</b> 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 (EU-59)

	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	Μ	AN 1/48
			Identifying number for a product or service		
			TC TO SEC (EU-59) = Transfer of Calls To Secondary N	umbe	r

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 (EU-61)

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

Μ

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes:	5800 N1 Detail Optional 12 To speci	Reference Identification Dptional y identifying information ast one of REF02 or REF03 is required.		
Semantic Notes: Comments:	<ol> <li>If eit</li> <li>If eit</li> <li>REF</li> </ol>	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*55*	TCID (EU-60)*SEC		
Ref.	Data	Data Element Summary		
Des.	<u>Element</u>	<u>Name</u>		
Attributes I 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

Х

AN 1/80

М

REF03

352

Description

content "SEC"

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:	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.
	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.
	12 If either PO124 or PO125 is present, then the other is required.
Semantic Notes:	
Comments:	1 See the Data Element Dictionary for a complete list of IDs.
	2 PO101 is the line item identification.
	3 PO106 through PO125 provide for ten different product/service IDs
	per each item. For example: Case, Color, Drawing No., U.P.C. No.,
	ISBN No., Model No., or SKU.
Natas	

# PO1*n*1*EA***ZZ*RE [PO1 Loop Repeats RSQTY (RE-5) times]

Notes:

Ref.	Data	N		
<u>Des.</u> Attributes	<u>Element</u>	<u>name</u>		
PO101	350	Assigned Identification	0	AN 1/20
		Alphanumeric characters assigned for differentiation within set	n a ti	ransaction
		"n" = nth assigned ID within PO1 loop		
PO102	330	Quantity Ordered	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 numbe 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		
		"RE"		

	01				
Segment:	<b>S</b> Se	rvice Characterist	tic Identification		
Position:	0180				
Loop: Level:	PO1 Detail	Mandatory			
Usage:	Optional				
Max Use:	>1				
Purpose:	•	y service character			
Syntax Notes:			present, then the other is required.		
			present, then the other is required. present, then the other is required.		
			present, then the other is required.		
	5 If eit	ner SI12 or SI13 is	present, then the other is required.		
			present, then the other is required.		
			present, then the other is required. present, then the other is required.		
			present, then the other is required.		
Semantic Notes:					
Comments:			for each of the service characteristics		
Notes:		fiers. *LNA (RE-12)			
NOLES.		TNS (RE-15)			
		OTN (RE-19)			
		PTKCON (RE-24)			
		*ECCKT (RE-28) TC OPT (RE-35)			
	••••••				
Dof	Data	Data Element	Summary		
Ref. Des.	Data Element		Summary		
Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>		Summary		
Des.				М	ID 2/2
<u>Des.</u> <u>Attributes</u>	<u>Element</u>	Name Agency Qualifier Code identifying th	<b>Code</b> ne agency assigning the code values	М	ID 2/2
<u>Des.</u> <u>Attributes</u> SI01	Element 559	<u>Name</u> Agency Qualifier Code identifying th TI	<b>Code</b> ne agency assigning the code values Telecommunications Industry		-
<u>Des.</u> <u>Attributes</u>	<u>Element</u>	Name Agency Qualifier Code identifying th TI Service Characte	<b>Code</b> ne agency assigning the code values Telecommunications Industry eristics Qualifier	м	ID 2/2 AN 2/2
<u>Des.</u> <u>Attributes</u> SI01	Element 559	Name Agency Qualifier Code identifying th TI Service Characte	<b>Code</b> ne agency assigning the code values Telecommunications Industry	м	-
<u>Des.</u> <u>Attributes</u> SI01	Element 559	Name Agency Qualifier Code identifying th TI Service Characte Code from an indu	<b>Code</b> ne agency assigning the code values Telecommunications Industry eristics Qualifier	м	-
<u>Des.</u> <u>Attributes</u> SI01	Element 559	Name Agency Qualifier Code identifying th TI Service Characte Code from an indu characteristics	<b>Code</b> ne agency assigning the code values Telecommunications Industry eristics Qualifier ustry code list qualifying the type of ser	м	-
<u>Des.</u> <u>Attributes</u> SI01	Element 559	Name Agency Qualifier Code identifying th TI Service Characte Code from an induc characteristics CN	<b>Code</b> ne agency assigning the code values Telecommunications Industry eristics Qualifier ustry code list qualifying the type of ser Circuit Number Identification Code	м	-
<u>Des.</u> <u>Attributes</u> SI01	Element 559	Name Agency Qualifier Code identifying th TI Service Characte Code from an indu characteristics CN OT	<b>Code</b> ne agency assigning the code values Telecommunications Industry eristics Qualifier ustry code list qualifying the type of ser Circuit Number Identification Code Out Telephone Number	м	-
<u>Des.</u> <u>Attributes</u> SI01	Element 559	Name Agency Qualifier Code identifying th TI Service Characte Code from an indu characteristics CN OT SA	<b>Code</b> ne agency assigning the code values Telecommunications Industry eristics Qualifier ustry code list qualifying the type of ser Circuit Number Identification Code Out Telephone Number Service Activity Code	м	-
<u>Des.</u> <u>Attributes</u> SI01	Element 559	Name Agency Qualifier Code identifying th TI Service Characte Code from an indu characteristics CN OT SA T6	<b>Code</b> Telecommunications Industry <b>eristics Qualifier</b> Ustry code list qualifying the type of ser Circuit Number Identification Code Out Telephone Number Service Activity Code Transfer of Calls Option	м	-
<u>Des.</u> <u>Attributes</u> SI01	Element 559	Name Agency Qualifier Code identifying th TI Service Characte Code from an indu characteristics CN OT SA T6 TD TN Product/Service	<b>Code</b> Telecommunications Industry <b>eristics Qualifier</b> Ustry code list qualifying the type of ser Circuit Number Identification Code Out Telephone Number Service Activity Code Transfer of Calls Option Transmission Duplex Telephone Number <b>ID</b>	м	-
<u>Des.</u> <u>Attributes</u> SI01	Element 559 1000	Name Agency Qualifier Code identifying th TI Service Characte Code from an indu characteristics CN OT SA T6 TD TN Product/Service Identifying number	<b>Code</b> Telecommunications Industry <b>pristics Qualifier</b> ustry code list qualifying the type of ser Circuit Number Identification Code Out Telephone Number Service Activity Code Transfer of Calls Option Transmission Duplex Telephone Number <b>ID</b> for a product or service	M vice	AN 2/2
<u>Des.</u> <u>Attributes</u> SI01	Element 559 1000	Name Agency Qualifier Code identifying th TI Service Characte Code from an indu characteristics CN OT SA T6 TD TN Product/Service Identifying number LNA (RE-12) = Lin	<b>Code</b> Telecommunications Industry <b>eristics Qualifier</b> ustry code list qualifying the type of ser Circuit Number Identification Code Out Telephone Number Service Activity Code Transfer of Calls Option Transmission Duplex Telephone Number <b>ID</b> for a product or service the Activity	M vice	AN 2/2
<u>Des.</u> <u>Attributes</u> SI01	Element 559 1000	Name Agency Qualifier Code identifying th TI Service Characte Code from an indu characteristics CN OT SA T6 TD TN Product/Service Identifying number LNA (RE-12) = Lin CT = (DWS : X -	<b>Code</b> Telecommunications Industry <b>Pristics Qualifier</b> ustry code list qualifying the type of ser Circuit Number Identification Code Out Telephone Number Service Activity Code Transfer of Calls Option Transmission Duplex Telephone Number <b>ID</b> for a product or service the Activity TN change)	M vice	AN 2/2
<u>Des.</u> <u>Attributes</u> SI01	Element 559 1000	Name Agency Qualifier Code identifying th TI Service Characte Code from an indu characteristics CN OT SA T6 TD TN Product/Service Identifying number LNA (RE-12) = Lin	<b>Code</b> Telecommunications Industry <b>Pristics Qualifier</b> Telecommunications Industry <b>Pristics Qualifier</b> Telephone list qualifying the type of ser Circuit Number Identification Code Out Telephone Number Service Activity Code Transfer of Calls Option Transmission Duplex Telephone Number <b>ID</b> for a product or service the Activity TN change) Change)	M vice	AN 2/2

Μ

Μ

V = (DWS : V - Conversion of service as specified) P = (DWS : P - PIC change)

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TNS (RE-15) = Telephone Numbers
OTN (RE-19) = Out Telephone Number
PTKCON (RE-24) = PBX Trunk Configuration
ECCKT (RE-28) = Exchange Company Circuit ID
TC OPT (RE-35) = Transfer of Call Options

Segment:	PID Product/Item Description
Position:	0500
Loop:	PID Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To describe a product or process in coded or free-form format
Syntax Notes:	1 If PID04 is present, then PID03 is required.
	2 At least one of PID04 or PID05 is required.
	3 If PID07 is present, then PID03 is required.
	4 If PID08 is present, then PID04 is required.
	5 If PID09 is present, then PID05 is required.
Semantic Notes:	1 Use PID03 to indicate the organization that publishes the code list
	being referred to.
	2 PID04 should be used for industry-specific product description
	codes.
	3 PID08 describes the physical characteristics of the product identified
	in PID04. A "Y" indicates that the specified attribute applies to this
	item; an "N" indicates it does not apply. Any other value is
	indeterminate.
	4 PID09 is used to identify the language being used in PID05.
Comments:	1 If PID01 equals "F", then PID05 is used. If PID01 equals "S", then
	PID04 is used. If PID01 equals "X", then both PID04 and PID05 are
	used.
	2 Use PID06 when necessary to refer to the product surface or layer
	being described in the segment.
	3 PID07 specifies the individual code list of the agency specified in
	PID03.
Notes:	PID*S**TI*AG***SO-RSQ*NIDR (RE-47)
	PID*X**TI*CFA*CFA (RE-57)

			Data Element	Summary		
	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>			
М	PID01	349	Item Description	Туре	М	ID 1/1
			Code indicating th	ne format of a description		
			S	Structured (From Industry Code List)		
			Х	Semi-structured (Code and Text)		
	PID03	559	Agency Qualifie	r Code	Х	ID 2/2
			Code identifying t	he agency assigning the code values		
			ТІ	Telecommunications Industry		
	PID04	751	Product Descrip	tion Code	Х	AN 1/12
			A code from an in product character	dustry code list which provides specific istic	data	about a
			AG	Network Interface Device Request		
			CFA	Connecting Facility Assignment		
	PID05	352	Description		Х	AN 1/80
			A free-form descrit content	ption to clarify the related data element	s and	d their
			CFA (RE-57) = C	onnecting Facility Assignment		
	PID07	822	Source Subqua	lifier	0	AN 1/15

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	A reference tha Qualifier	t indicates the table or text maintained	by the	Source
	SO-RSQ	Service Order - Reseller Questions	s List	
1073	Yes/No Condit	ion or Response Code	Ο	ID 1/1
	Code indicating	a Yes or No condition or response		
	NIDR (RE-47) $=$	NID Request		
	1073	Qualifier SO-RSQ <b>1073 Yes/No Condit</b> Code indicating	Qualifier SO-RSQ Service Order - Reseller Questions	SO-RSQService Order - Reseller Questions List1073Yes/No Condition or Response CodeOCode indicating a Yes or No condition or response

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         ify identifying information         east one of REF02 or REF03 is required.         ther C04003 or C04004 is present, then the other is required.         ther C04005 or C04006 is present, then the other is required.         C04 contains data relating to the value cited in REF02.         LNUM (RE-9)*LNUM         **TSP (RE-25)         **SAN (RE-26)	
Ref. <u>Des.</u> <u>Attributes</u> M REF01	Data <u>Element</u> 128	Data Element Summary         Name       M       ID 2/3         Reference Identification Qualifier       M       ID 2/3         Code qualifying the Reference Identification       AE       Authorization for Expense (AFE) Number	
REF02 REF03	127 352	GPGovernment Priority NumberIXItem NumberReference IdentificationXAN 1/30Reference information as defined for a particular Transaction Set or as specified by the Reference Identification QualifierSet or as specified by the Reference Identification QualifierLNUM (RE-9) = Line Number TSP (RE-25) = Telecommunications Service Priority SAN (RE-26) = Subscriber Authorization NumberXDescriptionXAN 1/80	
		A free-form description to clarify the related data elements and their content "LNUM"	

Segment:	DTN	Date/Time Reference		
•				
Position:	2100 PO1	Mandatan		
Loop: Level:	Detail	Mandatory		
Usage: Max Use:	Optional 10			
		fy partipant datas and times		
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:	DTM*376	6*TC PER{CCYYMMDD} (RE-40)		
		Data Element Summary		
Ref.	Data			
Des.	<u>Element</u>	<u>Name</u>		
<u>Attributes</u>				
DTM01	374	Date/Time Qualifier	М	ID 3/3
		Code specifying type of date or time, or both date and time 376 Delivery End The date that deliveries will end	e	
DTM02	373	Date	Х	DT 8/8
		Date expressed as CCYYMMDD		
		TC PER (RE-40) = Transfer of Calls Period		

Segment:	N1 Name
Position:	3500
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	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*P9**41*PIC (RE-30)
	Data Element Summary
Ref.	Data
Des.	Element Name
<u>Attributes</u>	
N 1404	

Des.	<u>Element</u>	<u>Name</u>		
<u>Attributes</u> N101	98	Entity Identifier Code	м	ID 2/3
		Code identifying an organizational entity, a physical location an individual	)n, j	property or
		P9 Primary Interexchange Carrier (PIC)		
		Identifies the carrier who will handle the interexchange calls	Э	
N103	66	<b>U</b>	Χ	ID 1/2
		Code designating the system/method of code structure use Identification Code (67)	ed f	or
		41 Telecommunications Carrier Identificati	ion	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		
		PIC (RE-30) = InterLATA Pre-subscription Indicator Code		

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*8V**41*LPIC (RE-31)

		Data Element Summary		
Ref.	Data			
Des.	Element	Name		
Attributes				
N101	98	Entity Identifier Code	М	ID 2/3
		Code identifying an organizational entity, a phy an individual	sical location, p	property or
		8V Primary Intra-LATA (Local / Carrier	Access Transpo	ort Area)
N103	66	Identification Code Qualifier	Х	ID 1/2
		Code designating the system/method of code s Identification Code (67) 41 Telecommunications Carrie		
		Identifies the Interexchange being billed	carrier for the	charges
N104	67	Identification Code	Х	AN 2/80
		Code identifying a party or other code		
		LPIC (RE-31) = IntraLATA Pre-subscription Ind	icator Code	

Segment: Position:	<b>SLN</b> 4700	Subline Item Detail
Loop:	4700 SLN	Optional
Level:	Detail	Optional
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
	level	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
Comments:		associated segment.
comments:		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.
	3 SLN	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:	SLN*TCI	PRI*n*A*1*EA
		Data Element Summary
Ref.	Data	Data Element Summary
Des.	<u>Element</u>	Name
Attributes		
SLN01	350	Assigned Identification M AN 1/20
		Alphanumeric characters assigned for differentiation within a transaction
		set
		"TCPRI"

м

Μ

SLN02

SLN03

SLN04

350

662

380

set

А

Quantity

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"n" = nth assigned ID within SLN loop

Code indicating the relationship between entities

Add

**Assigned Identification** 

Numeric value of quantity

**Relationship Code** 

AN 1/20

ID 1/1

X R 1/15

0

Μ

Alphanumeric characters assigned for differentiation within a transaction

			1 Always One	
	SLN05	C001	Composite Unit of Measure	Х
	000404		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 beir 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:	<b>1</b> 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*TC*TC TO PRI (RE-38)				

	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 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 PRI (RE-38) = Transfer of Calls To Primary Numb	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> <li>N105 and N106 further define the type of entity in N101.</li> </ol>
Notes:	N1*TT*TC NAME (RE-38b)
	Data Element Summany

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 entity, a physic an individual TT Transfer To	al location,	property or
N102	93	Name	Х	AN 1/60
		Free-form name		
		TC NAME (RE-38b) = Transfer of Calls to Name		

			-		
	Segment:	KEF	Reference Identification		
	Position:	5800			
	Loop:	N1	Optional		
	Level:	Detail			
	Usage:	Optional			
	Max Use:	12			
	Purpose:	To speci	fy identifying information		
Syn	tax Notes:	1 At le	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	ed.	
	ntic Notes:	1 REF	04 contains data relating to the value cited in REF02.		
C	comments:				
	Notes:	REF*55*TCID (RE-38a)*PRI			
	5.4	<b>D</b>	Data Element Summary		
	Ref.	Data	M		
	Des.	<u>Element</u>	<u>Name</u>		
	Attributes REF01	128	Reference Identification Qualifier	м	ID 2/3
	KEI UI	120		141	10 2/5
			Code qualifying the Reference Identification		
			55 Sequence Number		
	REF02	127	Reference Identification	Х	AN 1/30
			Reference information as defined for a particular Transac	tion S	Set or as
			specified by the Reference Identification Qualifier		
			TCID (RE-38a) = Transfer of Calls to Identifier		
	REF03	352	Description	Х	AN 1/80
			-		

М

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

Segment: Position: Loop:	<b>SLN</b> 4700 SLN	Subline Item Detail Optional		
Level: Usage:	Detail Optional	optional		
Max Use: Purpose: Syntax Notes: Semantic Notes:	<ol> <li>If eiti</li> <li>If SL</li> <li>If SL</li> <li>If SL</li> <li>If eiti</li> <li>SLN:</li> <li>SLN:</li> </ol>	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 SLN16 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 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 SLN27 or SLN28 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 SLN27 or SLN28 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 SLN27 or SLN28 is present, then the other is required. Ner SLN27 or SLN28 is present, then the other is required.	е	
	3 SLN subli 4 SLN	<ul> <li>D3 is the configuration code indicating the relationship of the ne item to the baseline item.</li> <li>D8 is a code indicating the relationship of the price or amounts sociated segment.</li> </ul>		)
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. 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	ər
Notes:		SEC*n*A*1*EA [SLN Loop May Repeat]		
Ref.	Data	Data Element Summary		
<u>Des.</u> <u>Attributes</u>	<u>Element</u>	<u>Name</u>		
I SLN01	350	Alphanumeric characters assigned for differentiation within set	M atr	AN 1/20 ansaction
SLN02	350	"TCSEC" Assigned Identification	0	AN 1/20

Μ

SLN03

SLN04

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Numeric value of quantity

"n" = nth assigned ID within SLN loop

Code indicating the relationship between entities

Add

**Relationship Code** 

set

А

Quantity

662

380

Alphanumeric characters assigned for differentiation within a transaction

Μ

ID 1/1

X R 1/15

			1 Always One	
	SLN05	C001	Composite Unit of Measure	Х
М	C00101	355	To identify a composite unit of measure (See Figue examples of use) Unit or Basis for Measurement Code	ures Appendix for M ID 2/2
			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:	4800
Loop:	SLN Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
•	
Syntax Notes:	· · · · · · · · · · · · · · · · · · ·
	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
oonments.	qualifiers.
Notes:	SI*TI*TC*TC TO SEC (RE-39)
Notes.	SITI 10 10 10 SEC (RE-39)

	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	Μ	AN 1/48
			Identifying number for a product or service		
			TC TO SEC (RE-39) = Transfer of Calls To Secondary No	umbe	r

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 (RE-42)
	Deta Element Original

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	ysical location, property or
N102	93	Name	X AN 1/60
		Free-form name	
		TC NAME (RE-42) = Transfer Calls to Name	

Segment: Position: Loop: Level: Usage: Max Use: Purpose:	5800 N1 Detail Optional 12	Reference Identification Dptional y identifying information		
Syntax Notes:		ast one of REF02 or REF03 is required.		
		ner C04003 or C04004 is present, then the other is require ner C04005 or C04006 is present, then the other is require		
Semantic Notes:		04 contains data relating to the value cited in REF02.		
Comments: Notes:				
NOLES.	KEF 00	TCID (RE-41)*SEC		
		Data Element Summary		
Ref.	Data			
Des.	<u>Element</u>	<u>Name</u>		
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 (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

Х

AN 1/80

Description

content "SEC"

Μ

REF03

352

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes:	4700 SLN Detail Optional 1 To speci 1 If eit 2 If SL 3 If SL 4 If eit 5 If eit 6 If eit 7 If eit 10 If eit 11 If eit 12 If eit 13 If eit 13 If eit 13 If eit 13 If eit 14 SLN 2 SLN level 3 SLN subli 4 SLN the a 1 See 2 SLN item to re	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 SLN17 or SLN16 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 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 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. 1 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. 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.
	3 SLN for e	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:		n*A*1*EA
Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	Data Element Summary <u>Name</u>
I SLN01	350	Assigned Identification M AN 1/20 Alphanumeric characters assigned for differentiation within a transaction set
SLN02	350	"BL"       O       AN 1/20         Alphanumeric characters assigned for differentiation within a transaction set       No       No
		"n" = nth assigned ID within SLN loop

SLN03

SLN04

662

380

М

X R 1/15

ID 1/1

Μ

Numeric value of quantity

**Relationship Code** 

А

Quantity

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Code indicating the relationship between entities

Add

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

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:	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.	<u>Element</u>	<u>Name</u>		
	<u>Attributes</u>				
М	SI01	559	Agency Qualifier Code	М	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
М	SI02	1000	Service Characteristics Qualifier	М	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	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:	To specify product subline detail item data
Syntax Notes:	1 If either SLN04 or SLN05 is present, then the other is required.
•	2 If SLN07 is present, then SLN06 is required.
	3 If SLN08 is present, then SLN06 is required.
	4 If either SLN09 or SLN10 is present, then the other is required.
	5 If either SLN11 or SLN12 is present, then the other is required.
	6 If either SLN13 or SLN14 is present, then the other is required.
	7 If either SLN15 or SLN16 is present, then the other is required.
	8 If either SLN17 or SLN18 is present, then the other is required.
	<b>9</b> If either SLN19 or SLN20 is present, then the other is required.
	<b>10</b> If either SLN21 or SLN22 is present, then the other is required.
	11 If either SLN23 or SLN24 is present, then the other is required.
	<b>12</b> If either SLN25 or SLN26 is present, then the other is required.
• · · · · ·	<b>13</b> If either SLN27 or SLN28 is present, then the other is required.
Semantic Notes:	1 SLN01 is the identifying number for the subline item.
	2 SLN02 is the identifying number for the subline level. The subline
	level is analogous to the level code used in a bill of materials.
	<b>3</b> SLN03 is the configuration code indicating the relationship of the
	subline item to the baseline item.
	4 SLN08 is a code indicating the relationship of the price or amount to the associated segment.
Comments:	1 See the Data Element Dictionary for a complete list of IDs.
	2 SLN01 is related to (but not necessarily equivalent to) the baseline
	item number. Example: 1.1 or 1A might be used as a subline number
	to relate to baseline number 1.
	3 SLN09 through SLN28 provide for ten different product/service IDs
	for each item. For example: Case, Color, Drawing No., U.P.C. No.,
	ISBN No., Model No., or SKU.
Notes:	SLN*FA*n*A*1*EA [SLN loop may repeat per FA/FEATURE pair]
	Data Element Summary

	Ref. <u>Des.</u>	Data <u>Element</u>	Name		
	<b>Attributes</b>				
М	SLN01	350	Assigned Identification	Μ	AN 1/20
			Alphanumeric characters assigned for differentiation within set	n a t	ransaction
			"FA"		
	SLN02	350	Assigned Identification	0	AN 1/20
			Alphanumeric characters assigned for differentiation within set	n a t	ransaction
			"n" = nth assigned ID within SLN loop		
М	SLN03	662	Relationship Code	Μ	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
М	C00101	355	To identify a composite unit of measure (See Figue examples of use) Unit or Basis for Measurement Code	ures Appendix for M ID 2/2
IVI	00101	333	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:	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.				
	<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*SA*FA (RE-58)*SC*FEATURE (RE-59)				
	SI*TI*FD*FEATURE DETAIL (RE-60) [SI Segment may repeat]				

				Summary		
	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>			
	<u>Attributes</u>					
М	SI01	559	Agency Qualifier	Code	М	ID 2/2
			Code identifying th	e agency assigning the code values		
			TI	Telecommunications Industry		
М	SI02	1000	Service Characte	eristics Qualifier	М	AN 2/2
			characteristics	stry code list qualifying the type of serv	ice	
			FD	Feature Detail		
			SA	Service Activity Code		
М	SI03	234	Product/Service	ID	Μ	AN 1/48
			Identifying number	for a product or service		
			D = (DWS : D - V = (DWS : V - CT = (DWS : T -	Add) - Change (old values))		
	SI04	1000	Service Characte	· · · ·	Х	AN 2/2
	5104	1000		Istry code list qualifying the type of serv Service Category Code	~ `	
	SI05	234	Product/Service		Χ	AN 1/48
				for a product or service		
			FEATURE (RE-59)	) = Feature Codes		

Segment:	PO1	Baseline Item Data - DL Form (Delivery						
	Address/Information Section)							
Position:	0100							
Loop:	PO1	Mandatory						
Level:	Detail	,						
Usage:	Mandato	ry						
Max Use:	1							
Purpose:	To speci	ly 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.						
		01 is the line item identification.						
		06 through PO125 provide for ten different product/service I	Ds					
		each item. For example: Case, Color, Drawing No., U.P.C.						
	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>	250	Assigned Identification	0	AN 1/20				
PO101	350	Assigned Identification	-					
		Alphanumeric characters assigned for differentiation within	n a tr	ansaction				
		set "n" = nth assigned ID within PO1 loop						
DO400	220		V	D 4/45				
PO102	330	Quantity Ordered	X	R 1/15				
		Quantity ordered						

		Quantity ordered		
		1 Always One		
PO103	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	oressed	, or
PO106	235	Product/Service ID Qualifier	Х	ID 2/2
		Code identifying the type/source of the descriptive nun Product/Service ID (234) ZZ Mutually Defined	nber 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:	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.
	<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*AD*DACT (DL-81)

	Ref. Des.	Data Element	Name		
	Attributes				
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: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	2930 QTY Detail Optional 1 To speci 1 At le 2 Only 1 QTY 31*	Quantity Optional y quantity information ast one of QTY02 or QTY04 is required. one of QTY02 or QTY04 may be present. 04 is used when the quantity is non-numeric.		
<b>-</b> /		Data Element Summary		
Ref. Des.	Data	Nama		
Attributes	<u>Element</u>	Name		
A QTY01	673	Quantity Qualifier	М	ID 2/2
		Code specifying the type of quantity		
		31 Additional Demand Quantity		
		38 Original Quantity		
QTY02	380	Quantity	Х	R 1/15
		Numeric value of quantity		
		DIRQTYA (DL-103) = Number of Directories for Annual D DIRQTYNC (DL-104) = Number of Directories Delivered o Connect		
QTY03	C001	Composite Unit of Measure	0	
		To identify a composite unit of measure (See Figures Ap examples of use)	pend	ix for
M C00101	355	Unit or Basis for Measurement Code	Μ	ID 2/2
		Code specifying the units in which a value is being expre- manner in which a measurement has been taken DY Directory Books Number of directory books delivered		

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
Ξ.	Data Element Summary

			,		
Ref.	Data				
Des.	<u>Element</u>	<u>Name</u>			
<u>Attributes</u>					
N101	98	Entity Identifier	Code	Μ	ID 2/3
		an individual	an organizational entity, a physical lo	ocation,	property or
		DA	Delivery Address		
N102	93	Name		Х	AN 1/60
		Free-form name			
		"DELNAME"			

Segment:	N4 a	Geographic Location	
Position:	3800		
Loop:	N1	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	107 is present, then N404 is required.	
Semantic Notes:			
Comments:		mbination of either N401 through N404, or N405 and N406 n	nay
		dequate to specify a location.	
		2 is required only if city name (N401) is in the U.S. or Canad	a.
Notes:	N4**STA	\TE (DL-99)*ZIP (DL-100)	
		Data Element Summary	
Ref.	Data		
Des.	<u>Element</u>	Name	
Attributes			
N402	156	State or Province Code	
		Code (Standard State/Province) as defined by appropriate g	overnment
		agency	
		STATE (DL-99) = State/Province	
N403	116	Postal Code C	D ID 3/15
		Code defining international postal zone code excluding pun blanks (zip code for United States)	ctuation 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*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. <u>Des.</u> Attributes	Data <u>Element</u>	Name			
М	NX201	1106	Address Compon	ent 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		
			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		
			· · · ·	Delivery Address Number		
				Delivery Address Street Name		
				Delivery Address Street Directional Pre	əfix	
			CITY (DL-98) = City DDALO (DL-902) =	y Delivery Address Location		
				Delivery Address Eccation Delivery Address Street Directional Su	ffix	
				Delivery Address Number Prefix		
			· ,	Delivery Address Number Suffix		
			DDATH (DL-89) = I	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.
	<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.
	3 PO106 through PO125 provide for ten different product/service IDs
	per each item. For example: Case, Color, Drawing No., U.P.C. No.,
Natori	ISBN No., Model No., or SKU.
Notes:	PO1*n*1*EA***ZZ*DL*SH*RTY (DL-12) [PO1 Loop May Repeat]

Ref.	Data			
<u>Des.</u> Attributes	<u>Element</u>	Name		
PO101	350	Assigned Identification	0	AN 1/20
		Alphanumeric characters assigned for differentiation withi set	n a ti	
		"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	Х	AN 1/48
		Identifying number for a product or service		
		"DL"		
PO108	235	Product/Service ID Qualifier	Х	ID 2/2
		Code identifying the type/source of the descriptive numbe Product/Service ID (234)	r use	ed in

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SH	Service Requested			
	A numeric or alphanumeric code from a list of services available to the customer			
Product/Service	ID	Х	AN 1/48	
Identifying number	r for a product or service			
PTV (DI 12) = Po	cord Type			
	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:	SI se 0180 PO1 Detail Optional >1 To speci 1 If eitt 2 If eitt 3 If eitt 4 If eitt 5 If eitt 6 If eitt 7 If eitt 8 If eitt 9 If eitt				
5	emantic Notes: Comments:		defines the source for each of the service characteristics			
	Notes:	SI*TI*LB SI*TI*LE SI*TI*TM SI*TI*BR SI*TI*DG SI*TI*DN SI*TI*BC	ifiers. *LACT (DL-10) *LTY (DL-13) /*STYC (DL-15) *TOA (DL-16) *DOI (DL-17) *DIRNAME (DL-34) **BRO (DL-28)			
	Ref.	Data	Data Element Summary			
	Des.	<u>Element</u>	Name			
м	<u>Attributes</u> SI01	559	Agency Qualifier Code	м	ID 2/2	
IVI	3101	559	Code identifying the agency assigning the code values	IVI		
			TI Telecommunications Industry			
М	SI02	1000	Service Characteristics Qualifier	Μ	AN 2/2	
М	S103	234	Code from an industry code list qualifying the type of service characteristicsBOBusiness/Residence Placement OverriceBRDirectory Listing Type of AccountDGDegree of IndentDNDirectory Book NameLBListing Activity Indicator (LACT)LEListing TypeTWStyle Code		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 Des	cription				
Position:	0500						
Loop: Level:	PID Detail	Optional					
Usage:	Optional						
Max Use:	1						
Purpose:	To descr	ibe a product or pro	cess in coded or free-form format				
Syntax Notes:							
		ast one of PID04 or	•				
		007 is present, ther					
	<ul><li>4 If PID08 is present, then PID04 is required.</li><li>5 If PID09 is present, then PID05 is required.</li></ul>						
Semantic Notes:			ne organization that publishes the code	e list			
		referred to.					
	<ul> <li>PID04 should be used for industry-specific product description codes.</li> </ul>						
		-	ysical characteristics of the product ide	ntifie	h		
	in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is						
		erminate.					
Commonto		009 is used to identify the language being used in PID05.					
Comments:			n PID05 is used. If PID01 equals "S", th equals "X", then both PID04 and PID05				
	used			are			
	2 Use PID06 when necessary to refer to the product surface or layer						
		g described in the s					
			vidual code list of the agency specified	in			
Notes:	PID0 T**2*019	13. TI*AR***SO-RSQ*OI					
NOICS.		TAX SO-RSQ U	· · · · ·				
		TAT***SO-RSQ*AD	· · · · ·				
	PID*S**TI*AW***SO-RSQ*DML (DL-25) PID*S**TI*AX***SO-RSQ*NOSL (DL-26) PID*S**TI*AY***SO-RSQ*TMKT (DL-27) PID*S**TI*BA***SO-RSQ*PROF (DL-32)						
	FID 3 I						
Ref.	Data	Data Element	Summary				
Des.	Element	Name					
Attributes		<u>Iname</u>					
PID01	349	<b>Item Description</b>	Туре	Μ	ID 1/1		
		Code indicating the	e format of a description				
		S	Structured (From Industry Code List)				
PID03	559	Agency Qualifier	Code	Х	ID 2/2		
		Code identifying th	e agency assigning the code values				
		TI	Telecommunications Industry				
PID04	751	Product Descript	-	Х	AN 1/12		
		•	dustry code list which provides specific	data	about a		
		product characteri					
		AR	Omit Telephone Number				
		AS	Listed Name Placement				
		AT	Address Indicator				
		AW	Direct Mail List				
	0	st Communications	International Inc				

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		AX	No Solicitation Indicator		
		AY	Telemarketing		
		BA	Professional Identifier		
PID07	822	Source Subqua	lifier	0	AN 1/15
		A reference that i Qualifier SO-RSQ	ndicates the table or text maintained by Service Order - Reseller Questions L		Source
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 + DWS)	- Omit) : Blank - Do Not Omit)		
			. Blank - Do Not Offic)		
		LNPL (DL-44) = L	etter Name Placement		
			Letter Placement)		
		Blank = (DVVS	: Blank - Default to Word Placement)		
		ADI (DL-61) = Ad	dress Indicator		
			Omit in DA and Directory)		
		Blank = (DWS	: Blank - Do Not Omit)		
		DML (DL-25) = Di	irect Mail List		
		Y = (DWS : O -			
		Blank = (DWS	: Blank - Do Not Omit)		
		TMKT (DL-27) = 1	Telemarketing		
			- Omit from Telemarketing)		
		Blank = (DWS	: Blank - Do Not Omit)		
			No Solicitation Indicator		
			No Solicitation Indicator Professional Identifier		
		- (/ -			

Segment: <b>REF</b> Reference Identification		
Position: 1000		
Loop: PO1 Mandatory		
Level: Detail		
Usage: Optional		
Max Use: >1		
Purpose: To specify identifying information		
Syntax Notes: 1 At least one of REF02 or REF03 is required.		
2 If either C04003 or C04004 is present, then the other is require	d.	
3 If either C04005 or C04006 is present, then the other is require	d.	
Semantic Notes: 1 REF04 contains data relating to the value cited in REF02. Comments:		
Notes: REF*LI*ALI (DL-11)		
Data Element Summary		
Ref. Data		
<u>Des. Element</u> <u>Name</u>		
Attributes		
REF01 128 Reference Identification Qualifier	Μ	ID 2/3
Code qualifying the Reference Identification		
LI Line Item Identifier (Seller's)		

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

Reference information as defined for a particular Transaction Set or as

**Reference Identification** 

X AN 1/30

Μ

REF02

127

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

	Ref.	Data		-		
	Des.	<u>Element</u>	<u>Name</u>			
<u>Att</u>	tributes					
	N901	128	Reference Identif	fication Qualifier	Μ	ID 2/3
			Code qualifying the	e Reference Identification		
			82	Data Item Description (DID) Reference	Э	
				Specific data elements that the govern a contractor to provide and are spelled requirement documents		
	N902	127	<b>Reference Identif</b>	fication	Х	AN 1/30
				tion as defined for a particular Transact eference Identification Qualifier	ion 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:	<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:	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

<u>Attributes</u>				
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:	3300			
Loop:	N9	Optional		
Level:	Detail			
Usage:	Optional			
Max Use:	1			
Purpose:		mit identifying information as specified by the Reference tion Qualifier		
Syntax Notes:	1 At le 2 If NS	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.		
Semantic Notes: Comments:	4 If eit 1 N90	her C04005 or C04004 is present, then the other is required. her C04005 or C04006 is present, then the other is required. 6 reflects the time zone which the time reflects. 7 contains data relating to the value cited in N902.		
Notes:	N9*82*L	TXTY*LTXTY (DL-57)		
		Data Element Summary		
Ref.	Data			
Des. Attributes	<u>Element</u>	<u>Name</u>		
Attributes I N901	128	Reference Identification Qualifier	Л	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

AN 1/30

AN 1/45

Х

Х

82

"LTXTY"

**Reference Identification** 

**Free-form Description** 

Free-form descriptive text

LTXTY (DL-57) = Listing Text Type

Μ

N902

N903

127

369

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.
	<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**LTEXT (DL-59)
	Data Element Summary
Ref.	Data
<u>Des.</u> <u>Attributes</u>	Element Name

X AN 1/4096

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

Message Text

1551

MTX02

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
Ref.	Data Element Summary
Ref.	Data

	<u>Element</u>	<u>Name</u>		
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		
		"DL"		
	<u>Des.</u> Iributes N901 N902 N903	<u>ributes</u> N901 128 N902 127	Inibutes       Reference Identification Qualifier         N901       128       Reference Identification Qualifier         Code qualifying the Reference Identification       H7       Standard Clause         N902       127       Reference Identification         Reference Identification       Reference information as defined for a particular Transa specified by the Reference Identification Qualifier         ORI       Order Instructions         N903       369       Free-form Description         Free-form descriptive text       Free-form descriptive text	Inibutes       Reference Identification Qualifier       M         N901       128       Reference Identification Qualifier       M         Code qualifying the Reference Identification       H7       Standard Clause         N902       127       Reference Identification       X         Reference Identification       x       Reference Identification       X         N902       127       Reference Identification       X         Reference information as defined for a particular Transaction S       specified by the Reference Identification Qualifier       ORI         ORI       Order Instructions       X         Free-form Description       X         Free-form descriptive text       X

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
	Data Element Summary

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

	Segment:	IN2	Individua	I Name Structure Components				
	Position:	3650						
	Loop: Level:	N1 Detail	Optional					
	Usage:		Optional					
	Max Use:	>1						
	Purpose:	To sequ	To sequence individual name components for maximum specificity					
	Syntax Notes: nantic Notes:							
001	Comments:							
	Notes:		NLN (DL-4					
				46)*LNFN (DL-46)				
			DES (DL-47 [L (DL-48)*					
				-49)*TITLE1				
			NICK (DL-5					
			JESD (DL∹ ILD (DL-51	50a)*DESD *TLD				
			•	) L-52)*TITLE1D				
				nent Summary				
	Ref.	Data Elomont	Namo					
	<u>Des.</u> Attributes	<u>Element</u>	name					
М	IN201	1104	Name Co	omponent Qualifier	Μ	ID 2/2		
			Code ide	ntifying the type of name component				
			01	Prefix				
			02	First Name				
			05	Last Name				
			10	Generation				
			12	Combined (Unstructured) Name				
			18	Preferred First Name or Nickname				
	INICOC	02	21 Nama	Professional Title	54	ANI 4/60		
Μ	IN202	93	Name Free-form	) namo	М	AN 1/60		
				L-45) = Listed Name Last				
				L-46) = Listed Name First				
			DES (DL-	-47) = Designation				
				3) = Title of Lineage DL-49) = Title of Address 1				
			•	-54) = Nickname				
				L-50a) = Designation for Dual Name				
			· ·	51) = Title of Lineage for Dual Name				
	IN203	93	Name	(DL-52) = Title of Address 1 for Dual Name	0	AN 1/60		
	11205	55	Free-form	name	U			
				46) = Listed Name First				
			"TL"					
			"TITLE1" "DESD"					
			"TLD"					
			"TITLE1D	n				

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:	1 A combination of either N401 through N404, or N405 and N406 may						
	be adequate to specify a location.						
Natas	2 N402 is required only if city name (N401) is in the U.S. or Canada.						
Notes:	N4**LAST (DL-71)						
	Data Element Summary						
Ref.	Data						
Des.	<u>Element</u> <u>Name</u>						
<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*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				
	<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		
М	NX202	166	Address Informat	lion	Μ	AN 1/55
			Address information	n		
			LANO (DL-63) = Li	isted 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 Number Sumx		

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:	<ol> <li>SI01 defines the source for each of the service characteristics qualifiers.</li> </ol>
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 Qualifie	r 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	e ID	Μ	AN 1/48
			Identifying numbe	er for a product or service		
			· · · ·	sted Telephone Number Non-Standard Telephone Number		
			. ,	-		

Segment:	<b>PO1</b> Baseline Item Data - DUMMY
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.
	<b>6</b> 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.
	<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*DUMMY*1*EA***ZZ*DD

Ref. <u>Des.</u>	Data <u>Element</u>	Name		
<u>Attributes</u>			_	
PO101	350	Assigned Identification	0	AN 1/20
		Alphanumeric characters assigned for differentiation within set	n a ti	ransaction
		"DUMMY"		
PO102	330	Quantity Ordered	Χ	R 1/15
		Quantity ordered		
		1 Always One		
PO103	355	Unit or Basis for Measurement Code	0	ID 2/2
		Code specifying the units in which a value is being 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 numbe 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		
		"DD"		

Segment:	СТТ	<ul> <li>Transaction Totals</li> </ul>						
Position:	0100							
Loop:	CTT	Optional						
Level:	Summar	у						
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 eit	her CTT05 or CTT06 is present, then the other is required.						
Semantic Notes:								
Comments:		segment is intended to provide hash totals to validate						
•• /		saction completeness and correctness.						
Notes:	CII*Nur	nber of PO1 Segments						
		Data Element Summary						
Ref.	Data							
<u>Des.</u> <u>Attributes</u>	<u>Element</u>	<u>Name</u>						
A CTT01	354	Number of Line Items	Μ	N0 1/6				

Total number of line items in the transaction set

	Segment:	SE 1	ransaction Set Trailer				
	Position: Loop:	0300					
	Level:	Summar	у				
	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)				
Syn	tax Notes:	Ū	,				
Sema	ntic Notes:						
C	omments:	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>	<u>Name</u>				
	Attributes						
Μ	SE01	96	Number of Included Segments M	N0 1/10			
			Total number of segments included in a transaction set inclu and SE segments	ding ST			
Μ	SE02	329	Transaction Set Control Number M	AN 4/9			
			Identifying control number that must be unique within the tra functional group assigned by the originator for a transaction				

## 49.6.2 860 UNE-P DSS Trunks Supplemental Service Request (UDST860)

Functional Group ID=  $\mathbf{PC}$ 

#### Introduction:

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

This implementation guideline references the following:

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

#### Notes:

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

#### **Heading:**

	Pos. <u>No.</u>	Seg. <u>ID</u>	Name	Req. <u>Des.</u>	<u>Max.Use</u>	Loop Notes and <u>RepeatComments</u>
М	0100	ST	Transaction Set Header	М	1	
Μ	0200	BCH	Beginning Segment for Purchase Order Change	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
	2850	N9	Reference Identification	0	1	
	2900	MTX	Text	0	>1	
			LOOP ID - N9			1000
	2850	N9	Reference Identification	0	1	
	2900	MTX	Text	0	>1	
			LOOP ID - N9			1000
	2850	N9	Reference Identification	0	1	
	2900	MTX	Text	0	>1	
			LOOP ID - N1			200
	3000	N1	Name	0	1	
	3500	PER	Administrative Communications Contact	0	>1	
			LOOP ID - N1			200
	3000	N1	Name	0	1	

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

## Detail:

LOOP ID - POC         >1           0100         POC         Line Item Change - End User Form         0         1           0180         SI         Service Characteristic Identification         0         >1           0100         POC         Image: Service Characteristic Identification         0         >1           0100         NI         Name         0         1         300           3400         NI         Name         0         1         300           3400         NI         Regraphic Location         0         1         300           3400         NX2         Location ID Component         0         >1         300           350         SI         Service Characteristic Identification         0         >1         300           0100         POC         >1         (Disconcet Information Section)         0         1           0100         REF         Reference Identification         0         1         100           1000         IDOP ID - SLN         >1         10         10           1000         Stervice Characteristic Identification         0         12         10           1000         IDOP ID - NI         10         10	Pos. <u>No.</u>	Seg. <u>ID</u>	Name	Req. <u>Des.</u>	Max.Use	Loop Notes and <u>RepeatComments</u>
0180         SI         Service Address Section) Service Characteristic Identification         0         >1           3400         N1         Name         0         1           3700         N4         Geographic Location         0         1           3700         N4         Geographic Location         0         1           3750         NX2         Location ID Component         0         >1           3750         NX2         Location ID Component         0         >1           3950         SI         Everice Characteristic Identification         0         >1           0100         POC         Inte tem Change - End User Form         0         1           0100         REF         Reference Identification         0         >1           0100         REF         Reference Identification         0         1           0200         DTM         Date/Time Reference         0         10           1000         REF         Reference Identification         0         1           1000         SLN         Subline Item Detail         0         1           1000         FEF         Reference Identification         0         1           1000			LOOP ID - POC			>1
Olt80         SI         Šervice Characteristic Identification         O         >1           2400         NI         Name         O         1         200           3400         NI         Name         O         1         300           3700         NA         Geographic Location         O         1         3100           3700         NA         Geographic Location         O         1         3100           3750         NX2         Location ID Component         O         >1         3100           3950         SI         Service Characteristic Identification         O         >1         3100           1000         POC         Line Item Change - End User Form (Disconnect) Information Section)         O         >1         3100           0180         SI         Service Characteristic Identification         O         >1         3100           0100         REF         Reference Identification         O         1         3100         3100           1000         SI         Service Characteristic Identification         O         1         3100         3100           1000         Name         O         1         3100         3100         31000         31000	0100	POC		0	1	
3400         N1         Name         0         1           3700         N4         Geographic Location         0         1           3750         NX2         Location ID Component         0         >1           3950         SI         Service Characteristic Identification         0         >1           1000         POC         Line Item Change - End User Form         0         1           1010         POC         Line Item Change - End User Form         0         1           1010         RCF         Reference Identification         0         >1           1000         REF         Reference Identification         0         >1           1000         REF         Reference Identification         0         >1           1000         REF         Reference Identification         0         1           1000         SLN         Subline Item Detail         0         1           1000         SI         Service Characteristic Identification         0         12           1000         SLN         Subline Item Detail         0         1         1           1000         SI         Service Characteristic Identification         0         1 <t< td=""><td>0180</td><td>SI</td><td></td><td>0</td><td>&gt;1</td><td></td></t<>	0180	SI		0	>1	
3700         N4         Geographic Location         0         1           3750         NX2         Location ID Component         0         >1           3950         SI         Service Characteristic Identification         0         >1           1010         POC         Line Item Change - End User Form         0         1           0110         POC         Line Item Change - End User Form         0         1           0100         REF         Reference Identification         0         >1           1000         REF         Reference Identification         0         >1           2000         DTM         Date/Time Reference         0         10           2000         DTM         Date/Time Reference         0         10           2000         DTM         Date/Time Reference         0         10           2000         DTM         Date/Time Reference         0         1           4000         SLN         Subline Item Detail         0         1           700         REF         Reference Identification         0         1           700         SL         Service Characteristic Identification         0         1           700         REF			LOOP ID - N1			200
3750         NX2         Location ID Component         0         >1           3950         SI         Service Characteristic Identification         0         >1           1010         POC         Line Item Change - End User Form         0         1           0100         POC         Line Item Change - End User Form         0         1           0100         POC         Line Item Change - End User Form         0         1           0100         REF         Reference Identification         0         >1           0000         REF         Reference Identification         0         >1           2000         DTM         Date/Time Reference         0         10           1000         REF         Reference Identification         0         1           4600         SLN         Subline Item Detail         0         1           4700         SI         Service Characteristic Identification         0         12           1000P ID - NI         10         10         10         10           5360         N1         Name         0         1         10           5360         N1         Name         0         1         10           5360 <td>3400</td> <td>N1</td> <td>Name</td> <td>0</td> <td>1</td> <td></td>	3400	N1	Name	0	1	
3950         SI         Service Characteristic Identification         0         >1           0100         POC         Line Item Charge - End User Form         0         1           0100         POC         Line Item Charge - End User Form         0         1           0100         REF         Reference Identification         0         >1           0100         REF         Reference Identification         0         >1           0100         DTM         Date/Time Reference         0         10           1000         REF         Reference Identification         0         >1           2000         DTM         Date/Time Reference         0         10           1000         REF         Reference Identification         0         1           4600         SLN         Subline Item Detail         0         1           1000         NI         Name         0         1           5700         REF         Reference Identification         0         1           1000         SL         Service Characteristic Identification         0         1           1000         SL         Service Characteristic Identification         0         1           1000	3700	N4	Geographic Location	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           1000         REF         Reference Identification         0         >1           2000         DTM         Date/Time Reference         0         10           1000         REF         Reference Identification         0         >1           2000         DTM         Date/Time Reference         0         10           1000         REF         Reference Identification         0         1           4600         SLN         Subline Item Detail         0         1           1000         PID - N1         10         10           5360         N1         Name         0         1           1000         SL         Service Characteristic Identification         0         1           1000         SI         Service Characteristic Identification         0         1           1000         SI         Service Characteristic Identification         0         12	3750	NX2	Location ID Component	0	>1	
0100         POC (Disconnect Information Section)         0         1           0180         SI         Service Characteristic Identification         0         >1           1000         REF         Reference Identification         0         >1           2000         DTM         Date/Time Reference         0         10           2000         DTM         Date/Time Reference         0         10           4600         SLN         Subline Item Detail         0         1           4700         SI         Service Characteristic Identification         0         >1           5360         NI         Name         0         1         10           5360         SLN         Subline Item Detail         0         1         10           5360         NI         Name         0         1         10           5360         NI         Name         0         1         10           5360 <td< td=""><td>3950</td><td>SI</td><td>Service Characteristic Identification</td><td>0</td><td>&gt;1</td><td></td></td<>	3950	SI	Service Characteristic Identification	0	>1	
O180SIService Characteristic IdentificationO>11000REFReference IdentificationO>12000DTMDate/Time ReferenceO102000DTMDate/Time ReferenceO102000SLNSubline Item DetailO14600SLNSubline Item DetailO14700SIService Characteristic IdentificationO>15360NINameO15700REFReference IdentificationO121000ID - NI1015360NISubline Item DetailO15700REFReference IdentificationO11000SLNSubline Item DetailO11000Subline Item DetailO111000Subline Item DetailO111000Subline Item DetailO111000REFReference IdentificationO111010POCLine Item Change - Resale Form (Service)O111010POCLine Item Change - Resale Form (Service)O111010PODDetail Section)O111000PIDPID10001111000PIDPID10001111000PIDPID10001111000PIDPID <td></td> <td></td> <td>LOOP ID - POC</td> <td></td> <td></td> <td>&gt;1</td>			LOOP ID - POC			>1
0180         SI         Šervice Characteristic Identification         O         >1           1000         REF         Reference Identification         O         >1           2000         DTM         Date/Time Reference         O         10           1000         REF         Reference Identification         O         >1           2000         DTM         Date/Time Reference         O         10           1000         REF         Reference Identification         O         1           4600         SLN         Subline Item Detail         O         1           4700         SI         Service Characteristic Identification         O         1           5360         N1         Name         O         1           5700         REF         Reference Identification         O         1           4600         SLN         Subline Item Detail         O         1           4700         SI         Service Characteristic Identification         O         1           4700         SI         Service Characteristic Identification         O         1           5360         N1         Name         O         1            5700         REF<	0100	POC	Line Item Change - End User Form	0	1	
1000       REF       Reference Identification       O       >1         2000       DTM       Date/Time Reference       O       10         4600       SLN       Subline Item Detail       O       1         4700       SI       Service Characteristic Identification       O       >1         4700       SI       Service Characteristic Identification       O       >1         5360       NI       Name       O       1         5700       REF       Reference Identification       O       12         IOOP ID - N1         4600       SLN       Subline Item Detail       O       1         4700       SI       Service Characteristic Identification       O       1         5700       REF       Reference Identification       O       12         1000       POC       Detail Section)       O       1         11000       PD       PDD       1000       <	0190	<u>SI</u>	· · · · · · · · · · · · · · · · · · ·	0	<b>~1</b>	
2000         DTM         Date/Time Reference         O         10           4600         SLN         Subline Item Detail         O         1           4600         SLN         Subline Item Detail         O         1           4700         SI         Service Characteristic Identification         O         >1           4700         SI         Service Characteristic Identification         O         >1           5360         N1         Name         O         1         10           5360         N1         Name         O         1         10           5360         N1         Name         O         1         10           5700         REF         Reference Identification         O         1           4600         SLN         Subline Item Detail         O         1           4700         SI         Service Characteristic Identification         O         >1           4600         N1         Name         O         1         10           5360         N1         Name         O         1         10           5400         N1         Name         O         1         100           5700 <t< td=""><td></td><td>-</td><td></td><td>-</td><td></td><td></td></t<>		-		-		
LOOP ID - SLN       >1         4600       SLN       Subline Item Detail       O       1         4700       SI       Service Characteristic Identification       O       >1         4700       SI       Service Characteristic Identification       O       >1         5360       N1       Name       O       1         5360       N1       Name       O       1         5700       REF       Reference Identification       O       12         LOOP ID - SLN       >1       10       10         5700       REF       Reference Identification       O       1         4600       SLN       Subline Item Detail       O       1         4700       SI       Service Characteristic Identification       O       >1         4700       SI       Service Characteristic Identification       O       >1         4600       N1       Name       O       1       10         5360				-		
4600         SLN         Subline Item Detail         O         1           4700         SI         Service Characteristic Identification         O         >1           5360         N1         Name         O         1           5360         N1         Name         O         1           5700         REF         Reference Identification         O         12           LOOP ID - SLN         >1         10           4600         SLN         Subline Item Detail         O         1           4700         SI         Service Characteristic Identification         O         1           4600         SLN         Subline Item Detail         O         1         10           4700         SI         Service Characteristic Identification         O         >1           4700         SI         Service Characteristic Identification         O         >1           4700         SI         Service Characteristic Identification         O         12           4700         SI         Service Characteristic Identification         O         12           4700         FE         Reference Identification         O         1           4700         SI         Servi	2000	DIM		0	10	51
4700         SI         Service Characteristic Identification         O         >1           LOOP ID - N1         10         10           5360         N1         Name         0         1           5700         REF         Reference Identification         0         12           LOOP ID - SLN         >1         10         12           LOOP ID - SLN         >1         10           4600         SLN         Subline Item Detail         0         1           4700         SI         Service Characteristic Identification         0         >1           4700         SI         Service Characteristic Identification         0         >1           4700         SI         Service Characteristic Identification         0         >1           4700         SI         Service Characteristic Identification         0         12           5360         N1         Name         0         12         100           5360         NI         Name         0         12         100           5360         NI         Name         0         12         100           1000         POC         LooP ID - POC         >1         1000         1000	4600	SLN		0	1	
$\begin{array}{c c c c c c c } & LOOP ID - NI & 10 & 10 \\ \hline \\ 5360 & N1 & Name & 0 & 1 \\ \hline \\ 5700 & REF & Reference Identification & 0 & 12 \\ \hline \\ \hline \\ LOOP ID - SLN & >1 \\ \hline \\ \hline \\ \hline \\ 4600 & SLN & Subline Item Detail & 0 & 1 \\ \hline \\ 4700 & SI & Service Characteristic Identification & 0 & >1 \\ \hline \\ 100P ID - N1 & 10 \\ \hline \\ \hline \\ 5360 & N1 & Name & 0 & 1 \\ \hline \\ \hline \\ \hline \\ \hline \\ \hline \\ \hline \\ 5700 & REF & Reference Identification & 0 & 12 \\ \hline \\ $		-		-	-	
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           4700         SI         Service Characteristic Identification         O         1           5360         N1         Name         O         1         10           5360         N1         Name         O         12         100           5360         N1         Name         O         12         100           5360         N1         Name         O         12         1000           600         POC         Line Item Change - Resale Form (Service         O         1           0100         PID         Product/		0.				10
5700       REF       Reference Identification       O       12         4600       SLN       Subline Item Detail       O       1         4600       SLN       Subline Item Detail       O       1         4700       SI       Service Characteristic Identification       O       >1         4700       SI       Service Characteristic Identification       O       >1         5700       REF       Reference Identification       O       12         5700       REF       Reference Identification       O       12         0100       POC       Line Item Change - Resale Form (Service)       O       1         0100       POC       Line Item Change - Resale Form (Service)       O       1         0100       POC       Service Characteristic Identification       O       >1         0100       POC       Intel tem Change - Resale Form (Service)       O       1         0100       POC       Detail Section)       O       >1         0100       POC       Intel tem Change - Resale Form (Service)       O       1         0100       POC       Detail Section)       O       >1         0100       PID       Product/Item Description       O	5360	N1		0	1	
4600SLNSubline Item DetailO14700SIService Characteristic IdentificationO>14700SIService Characteristic IdentificationO>15360N1NameO15700REFReference IdentificationO12LOOP ID - POC700POCIne Item Change - Resale Form (ServiceO10100POCLine Item Change - Resale Form (ServiceO10180SIService Characteristic IdentificationO>11000DOP ID - PID1000100500PIDProduct/Item DescriptionO11000REFReference IdentificationO>12000DTMDate/Time ReferenceO10		REF			12	
4600SLNSubline Item DetailO14700SIService Characteristic IdentificationO>14700SIService Characteristic IdentificationO>15360N1NameO15700REFReference IdentificationO12LOOP ID - POC700POCIne Item Change - Resale Form (ServiceO10100POCLine Item Change - Resale Form (ServiceO10180SIService Characteristic IdentificationO>11000DOP ID - PID1000100500PIDProduct/Item DescriptionO11000REFReference IdentificationO>12000DTMDate/Time ReferenceO10						>1
4700       SI       Service Characteristic Identification       O       >1         LOOP ID - N1       10       10         5360       N1       Name       O       1         5700       REF       Reference Identification       O       12         1000       POC       Line Item Change - Resale Form (Service       O       1         0100       POC       Line Item Change - Resale Form (Service       O       1         0180       SI       Service Characteristic Identification       O       >1         0500       PID       Product/Item Description       O       1         1000       REF       Reference Identification       O       >1         1000       Date/Time Reference       O       10	4600	CLN		0	1	>1
LOOP ID - N1105360N1NameO15700REFReference IdentificationO12LOOP ID - POC>10100POCLine Item Change - Resale Form (ServiceO10180SIService Characteristic IdentificationO>110000500PIDProduct/Item DescriptionO11000REFReference IdentificationO>12000DTMDate/Time ReferenceO10		-		-	-	
5360       N1       Name       O       1         5700       REF       Reference Identification       O       12         Image: Loop ID - POC       >1       >1         0100       POC       Line Item Change - Resale Form (Service       O       1         0180       SI       Service Characteristic Identification       O       >1         0500       PID       Product/Item Description       O       1         1000       REF       Reference Identification       O       >1         2000       DTM       Date/Time Reference       O       10	4700	31		0	>1	10
5700       REF       Reference Identification       O       12         1000       POC       Line Item Change - Resale Form (Service       O       1         0100       POC       Line Item Change - Resale Form (Service       O       1         0180       SI       Service Characteristic Identification       O       >1         0500       PID       Product/Item Description       O       1         1000       REF       Reference Identification       O       >1         2000       DTM       Date/Time Reference       O       10	5260	М		0	1	10
LOOP ID - POC       >1         0100       POC       Line Item Change - Resale Form (Service       O       1         0180       SI       Service Characteristic Identification       O       >1         0500       PID       Product/Item Description       O       1         1000       REF       Reference Identification       O       >1         2000       DTM       Date/Time Reference       O       10				-	-	
0100       POC       Line Item Change - Resale Form (Service       O       1         0180       SI       Service Characteristic Identification       O       >1         1000       PID       1000       1         0500       PID       Product/Item Description       O       1         1000       REF       Reference Identification       O       >1         2000       DTM       Date/Time Reference       O       10	5700	NEF	2	0	12	
0180     SI     Detail Section) Service Characteristic Identification     O     >1       0500     PID     Product/Item Description     O     1       1000     REF     Reference Identification     O     >1       2000     DTM     Date/Time Reference     O     10						>1
0180     SI     Service Characteristic Identification     O     >1       LOOP ID - PID     1000       0500     PID     Product/Item Description     O     1       1000     REF     Reference Identification     O     >1       2000     DTM     Date/Time Reference     O     10	0100	POC		0	1	
0500PIDProduct/Item DescriptionO11000REFReference IdentificationO>12000DTMDate/Time ReferenceO10	0180	SI		0	>1	
1000     REF     Reference Identification     O     >1       2000     DTM     Date/Time Reference     O     10			LOOP ID - PID			1000
2000 DTM Date/Time Reference O 10	0500	PID	Product/Item Description	0	1	
2000 DTM Date/Time Reference O 10	1000	REF	Reference Identification	0	>1	
			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		
4700	SI	Service Characteristic Identification	0	>1		
		LOOP ID - N1			10	
5360	N1	Name	0	1		
5700	REF	Reference Identification	0	12		
		LOOP ID - SLN			>1	
4600	SLN	Subline Item Detail	0	1		
4700	SI	Service Characteristic Identification	0	>1		
		LOOP ID - N1			10	
5360	N1	Name	0	1		
5700	REF	Reference Identification	0	12		
		LOOP ID - SLN			>1	
4600	SLN	Subline Item Detail	0	1		
4700	SI	Service Characteristic Identification	0	>1		
		LOOP ID - SLN			>1	
4600	SLN	Subline Item Detail	0	1		
4700	SI	Service Characteristic Identification	0	>1		
		LOOP ID - POC			>1	
0100	POC	Line Item Change - DL Form (Delivery	0	1	~	
		Address/Information Section)	-			
0180	SI	Service Characteristic Identification	0	>1		
0000	<b>OT</b> /	LOOP ID - QTY	0		>1	
2930	QTY	Quantity	0	1		
		LOOP ID - N1			200	
3400	N1	Name	0	1		
3700	N4	Geographic Location	0	1		
3750	NX2	Location ID Component	0	>1		
		LOOP ID - POC			>1	
0100	POC	Line Item Change - DL Form (Service Details Section)	0	1		
0180	SI	Service Characteristic Identification	0	>1		
		LOOP ID - PID			1000	
0500	PID	Product/Item Description	0	1		
1000	REF	Reference Identification	0	>1		
		LOOP ID - N9			1000	
3200	N9	Reference Identification	0	1		
3260	MTX	Text	0	>1		
		LOOP ID - N9			1000	
3200	N9	Reference Identification	0	1		
3260	MTX	Text	0	>1		
						]

		LOOP ID - N9			1000
3200	N9	Reference Identification	0	1	
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. <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	СТТ	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	rv	
	Max Use:	1	5	
	Purpose:	To indica	ate the start of a transaction set and to assign a control numb	er
Syr	tax Notes:			
Sema	ntic Notes:	1 The	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 Transaction	I
		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 so	et
	Comments:	deni	illion.	
, c	Notes:	CT*060*	TRAN SET CONTROL #	
	Notes.	31 000	INAN SET CONTROL #	
			Data Element Summary	
	Ref.	Data		
	Des.	<u>Element</u>	<u>Name</u>	
	Attributes	4.40	Transaction Oct Identifian Ocda	
М	ST01	143	Transaction Set Identifier Code M	ID 3/3
			Code uniquely identifying a Transaction Set	
			860 Purchase Order Change Request - Buyer	Initiated
Μ	ST02	329	Transaction Set Control Number M	AN 4/9
			Identifying control number that must be unique within the tran	nsaction set
			functional group assigned by the originator for a transaction s	

	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: mantic Notes: Comments: Notes:	<ul> <li>0200</li> <li>Heading Mandatory</li> <li>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>				
	Note3.		Access Information)		ading	
	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Data Element Summary <u>Name</u>			
М	BCH01	353	Transaction Set Purpose Code	М	ID 2/2	
			Code identifying purpose of transaction set SUP (LSR-25) = Supplement Type 01 = (DWS: 1 - Cancel) 04 = (DWS: 2 - DDD Change) 05 = (DSW: 3 - Other)			
М	BCH02	92	Purchase Order Type Code	М	ID 2/2	
			Code specifying the type of Purchase Order			
			SS Supply or Service Order			
М	BCH03	324	Purchase Order Number Identifying number for Purchase Order assigned by the orderer/purchaser	М	AN 1/22	
	<b>BCH05</b>	207	PON (LSR-2) = Purchase Order Number	0	AN 1/8	
	BCH05	327	Change Order Sequence Number Number assigned by the orderer identifying a specific char revision to a previously transmitted transaction set	<b>O</b> ange		
			VER (LSR-3) = Version Identification			
М	BCH06	373		М	DT 8/8	
			Date expressed as CCYYMMDD PO Date = Purchase Order Date (See Trading Partner A	0000	e	
			Information)	0003	5	

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*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
	REF*OW*ORD (RE-6)*ORD
	REF*AO*APT CON (LSR-15a)
	NET AO AFT CON (LON-15a)

### **Data Element Summary**

				Summary		
	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>			
М	REF01	128	<b>Reference Identif</b>	fication Qualifier	М	ID 2/3
			Code qualifying the	e Reference Identification		
			11	Account Number		
				Number identifies a telecommunication account	ns ir	ndustry
			12	Billing Account		
				Account number under which billing is	rend	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		
			OW	Service Order Number		
			SU	Number assigned when a customer of and equipment and which appears on Special Processing Code		service
				Unique code identifying the special har requirements for the claim	Indlin	ng
	REF02	127	<b>Reference Identif</b>	ication	Х	AN 1/30
			specified by the Re	tion as defined for a particular Transact eference Identification Qualifier	ion S	Set or as
			RTR (LSR-28) = Re RPON (LSR-51) =	ount Number )) = Project Identification esponse Type Requested Related Purchase Order Number Related Order Number		

		BAN1 (LSR-61) = Billing Account Number 1 ORD (RE-6) = Order Number APT CON (LSR-15a) = Appointment Confirmation		
REF03	352	Description	Х	AN 1/80
		A free-form description to clarify the related data element content "AN" "RTR" "RPON" "RORD" "BAN1" "ORD"	s and	d their

## PAM Derived Amount

Segment:	PAM Period Amount
Position:	0950
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	10
Purpose:	To indicate a quantity, and/or amount for an identified period
Syntax Notes:	1 If any of PAM01 PAM02 or PAM03 is present, then all are required.
	2 At least one of PAM02 PAM05 or PAM14 is required.
	<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
•	"N" indicates amount is a net value.
Comments:	
Notes:	PAM*48*PG_of_ (LSR-10) (1st 2 Bytes)*EA
	PAM*47*PG_of_ (LSR-10) (2nd 2 Bytes)*EA
	PAM*KC*DQTY (EU-5)*EA
	PAM*QO*RSQTY (RE-5)*EA
	PAM*BH*DDQTY (DL-23)*EA
	Data Element Summary
Ref.	Data

Ref.	Data				
Des.	<u>Element</u>	<u>Name</u>			
<u>Attributes</u>					
PAM01	673	Quantity Qualifie	r	Х	ID 2/2
		Code specifying th	e type of quantity		
		47	Primary Net Quantity		
		48	Secondary Net Quantity		
		BH	Book Order Quantity		
		KC	Net Quantity Decrease		
			The resultant quantity represents a ne	et de	crease to
			a previously transmitted quantity, after	er adj	ustments
			have been made		
		QO	Operating Quantity		
PAM02	380	Quantity		Х	R 1/15
		Numeric value of q	uantity		
		First 2 bytes of PG	6_of_ (LSR-10)		
		Second 2 bytes of	PG_of_ (LSR-10)		
		DQTY (EU-5) = Dis	sconnect Quantity		
		RSQTY (RE-5) = $F$	Resale Quantity		
		DDQTY (DL-23) =	Number of Delivery Segments		
PAM03	C001	Composite Unit o	f Measure	Х	
		-			

			To identify a composite unit of measure (See Figures 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 ex manner in which a measurement has been taken	pressed	, or
			EA Each		

Segment:	SAC	Service, Promotion, Allowance, or Charge Information
•		
Position: Loop:	1200 SAC	Optional
Level:	Heading	Optional
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,
	or charge	
Syntax Notes:	1 At le	ast one of SAC02 or SAC03 is required.
	2 If eit	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.
		C11 is present, then SAC10 is required.
		AC13 is present, then at least one of SAC02 or SAC04 is
	requ	
		C14 is present, then SAC13 is required.
Semantic Notes:		AC16 is present, then SAC15 is required. AC01 is "A" or "C", then at least one of SAC05, SAC07, or
Semantic Notes.		08 is required.
		00 is required.
	char	
		CO5 is present with SAC07 or SAC08, then SAC05 takes
		edence.
	•	08 is the allowance or charge rate per unit.
	4 SAC	10 and SAC11 is the quantity basis when the allowance or
	char	ge quantity is different from the purchase order or invoice
	quar	•
		10 and SAC11 used together indicate a quantity range, which
		d be a dollar amount, that is applicable to service, promotion,
		vance, or charge.
		13 is used in conjunction with SAC02 or SAC04 to provide a
		affic reference number as identified by the code used. 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.
Comments:		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.
	2 In so	ome business applications, it is necessary to advise the trading
	partr	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" -
Natas		ars in SAC09.
Notes:	SAC*N**	TI*EXP [If this segment appears then EXP (LSR-26) = "Y"] TI*VT*********VTA (LSR-80)
	0/10/11	
D-f	Deta	Data Element Summary
Ref. <u>Des.</u>	Data <u>Element</u>	Name
<u>Attributes</u>		Maille
M SAC01	248	Allowance or Charge Indicator M ID 1/1
		Code which indicates an allowance or charge for the service specified

Code which indicates an allowance or charge for the service specified

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		Ν	No Allowance or Charge		
SAC03	559	Agency Qualifie	r Code	Х	ID 2/2
		Code identifying t	he agency assigning the code values		
		TI	Telecommunications Industry		
SAC04	1301	Agency Service	, Promotion, Allowance, or Charge	Х	AN 1/10
		Code			
		Agency maintaine	ed code identifying the service, promotion	on, al	llowance,
		or charge			
		EXP	Expedited Service Charge		
		VT	Variable Term Contract Pricing Plan		
SAC15	352	Description		Х	AN 1/80
		A free-form descr content	iption to clarify the related data element	ts and	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:

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

DTM*097*D/TSENT{CCYYMMDD} (LSR-12)*D/TSENT{HHMM} (LSR-12) DTM*270*DATED{CCYYMMDD} (LSR-36)

Data Element Summary

		2414 210111			
Ref. Des.	Data <u>Element</u>	Name			
Attributes					
DTM01	374	Date/Time Q	ualifier	Μ	ID 3/3
		Code specifyir	ng type of date or time, or both date and tim	е	
		097	Transaction Creation		
		150	Service Period Start		
		270	Date Filed		
DTM02	373	Date		Χ	DT 8/8
		Date expresse	ed as CCYYMMDD		
		•	R-12) = Date Sent		
			) = Desired Due Date		
DTM03	337	DATED (LSR-	36) = Date of Agency Authorization	Х	TM 4/8
DINIOS	557		ed in 24-hour clock time as follows: HHMM,		
		•	), or HHMMSSDD, where $H = hours (00-23)$ ,		
			teger seconds (00-59) and $DD =$ decimal seconds		
		decimal secor	nds are expressed as follows: D = tenths (0-		
		hundredths (0	,		
		-	MM} (LSR-12) = Time Sent		
DTM05	1250		eriod Format Qualifier	X	ID 2/3
			g the date format, time format, or date and t		
		RTM	Range of Time Expressed in Format H		
			A range of times expressed in the form		
			HHMM where HH is the numerical exp hours in the day based on a twenty-fo		
			and MM is the numerical expression of		
			within an hour; the first occurrence of		
			starting time and the second is the en	dinç	g time
		TM	Time Expressed in Format HHMM		
			Time expressed in the format HHMM		
			the numerical expression of hours in tl on a twenty-four hour clock and MM is		•
			on a twenty-lour hour clock and will be	suie	Financal

		expression of minutes within an hour		
DTM06	1251	Date Time Period	Х	AN 1/35
		Expression of a date, a time, or range of dates, times or dation times	ates	s and
		APPTIME{HHMM[-HHMM]} (LSR-15) = Appointment Time		

Segment:	S Service Characteristic Identification						
Position: Loop:	1850						
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.						
eymax neteel	2 If either SI06 or SI07 is present, then the other is required.						
	3 If either Sl08 or Sl09 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> <li>9 If either SI20 or SI21 is present, then the other is required.</li> </ul>						
0	<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*TY*TOS (LSR-44)						
	SI*TI*SS*SPEC (LSR-45)						
	Data Element Summary						
Ref	Data						

	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>	·		
Μ	SI01	559	Agency Qualifier	Code	Μ	ID 2/2
			Code identifying th	e agency assigning the code values		
			TI	Telecommunications Industry		
Μ	SI02	1000	Service Characte	eristics Qualifier	Μ	AN 2/2
			Code from an indu characteristics	stry code list qualifying the type of serv	ice	
			AA	Account Activity Code		
			RE	Requisition Type and Status		
			SS	Service Sub-catagory Code		
			TY	Type of Service		
М	SI03	234	Product/Service	ID	Μ	AN 1/48
			Identifying number	for a product or service		
			C = (DWS : C - 0) $V = (DWS : V - 0)$ $T = (DWS : T - C)$ $W = (DWS : W - 2)$ $Z = (DWS : Z - C)$ $REQTYP (LSR-23)$ $TOS (LSR-44) = T$	New Installation) Disconnect of entire account) Change) Conversion As Specified) Dutside Move (T/F)) - Conversion as is) Conversion as spec/no listing) = Requisition Type and Status	de	

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:	<ol> <li>Use PID03 to indicate the organization that publishes the code list being referred to.</li> </ol>
	<ul> <li>PID04 should be used for industry-specific product description codes.</li> </ul>
	<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
	<ul><li>being described in the segment.</li><li>PID07 specifies the individual code list of the agency specified in PID03.</li></ul>
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)

Ref.	Data		Sammary		
<u>Des.</u> Attributes	Element	<u>Name</u>			
PID01	349	Item Description	Туре	Μ	ID 1/1
		Code indicating the	e format of a description		
		S	Structured (From Industry Code List)		
PID03	559	Agency Qualifier	Code	Х	ID 2/2
		Code identifying th	e agency assigning the code values		
		ТІ	Telecommunications Industry		
PID04	751	Product Descripti	ion Code	Х	AN 1/12
		A code from an inc product characteris	dustry code list which provides specific stic	data	about a
		AO	Agency Authorization Status		
		BI	Final Bill Information Indicator		
		PENDING	Pending Order		
PID07	822	Source Subquali	fier	0	AN 1/15
		A reference that in Qualifier	dicates the table or text maintained by	the \$	Source
		SO-RSQ	Service Order - Reseller Questions Li	st	

PID08 1073		Yes/No Condition or Response Code	0	ID 1/1
		Code indicating a Yes or No condition or response		
		<pre>FBI (EU-42) = Final Bill Information Indicator N = (DWS : E - Existing (Default)) Y = (DWS : D - Different)</pre>		
		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.
	4 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 N906 reflects the time zone which the time reflects.
	2 N907 contains data relating to the value cited in N902.
Comments:	
Notes:	N9*H7*ORI*LSR****2W>MANUAL IND (LSR-108a)
	Data Element Summary
Ref.	Data
Des.	Element Name
<u>Attributes</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 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		
			"LSR"		
	N907	C040	Reference Identifier	0	
			To identify one or more reference numbers or identificati specified by the Reference Qualifier	on nu	imbers as
М	C04001	128	Reference Identification Qualifier	Μ	ID 2/3
			Code qualifying the Reference Identification		
			2W Change Order Authority		
Μ	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 (LSR-108a) = Manual Indicator		

Segment:	MTX Text		
Position:	2900		
Loop:	N9 Optional		
Level:	Heading		
Usage:	Optional		
Max Use:	>1		
Purpose:	To specify textual data		
Syntax Notes:	<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>	orint"	,
Notes:	MTX**REMARKS (LSR-108)		
	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 (LSR-108) = Remarks

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.					
	4 If either C04005 or C04006 is present, then the other is required.					
Semantic Notes:	1 N906 reflects the time zone which the time reflects.					
	2 N907 contains data relating to the value cited in N902.					
Comments:	-					
Notes:	N9*H7*ORI*EU****2W>MANUAL IND (EU-63a)					
	Data Element Summary					
Ref.	Data					

	Ref.	Data			
	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	ction \$	Set or as
	N903	369	Free-form Description	Х	AN 1/45
			Free-form descriptive text		
			"EU"		
	N907	C040	Reference Identifier	0	
м	C04001	128	To identify one or more reference numbers or identification specified by the Reference Qualifier <b>Reference Identification Qualifier</b>	ion nu <b>M</b>	mbers as
IVI	004001	120		141	10 2/5
			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	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 print", then MTX05 is required.</li> </ol>	
Notes:	MTX**REMARKS (EU-63)	
	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 (EU-63) = Remarks

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.
- <b>,</b>	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*RESALE****2W>MANUAL IND (RE-60b)
	Data Element Summary
Dof	

		Data Liement Summary		
Ref.	Data			
Des.	Element	<u>Name</u>		
<u>Attributes</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 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	
		specified by the Reference Qualifier		
C04001	128	Reference Identification Qualifier	М	ID 2/3
		Code qualifying the Reference Identification		
		2W Change Order Authority		
C04002	127	Reference Identification	Μ	AN 1/30
		specified by the Reference Identification Qualifier	tion \$	Set or as
		MANUAL IND (RE-60b) = Manual Indicator		
	<u>Des.</u> <u>Attributes</u> N901 N902 N903 N907 C04001	Des. Attributes N901         Element           Attributes N902         128           N902         127           N903         369           N907         C040           C04001         128	Ref.       Data         Des.       Element       Name         Attributes       N901       128       Reference Identification Qualifier         N901       128       Reference Identification Qualifier         N901       128       Reference Identification Qualifier         N901       128       Reference Identification         H7       Standard Clause         N902       127       Reference Identification         Reference information as defined for a particular Transact specified by the Reference Identification Qualifier       ORI       Order Instructions         N903       369       Free-form Description       Free-form descriptive text       "RESALE"         N907       C040       Reference Identifier       To identify one or more reference numbers or identification specified by the Reference Qualifier       Code qualifying the Reference Identification         C04001       128       Reference Identification Qualifier       Code qualifying the Reference Identification         2W       Change Order Authority       2W       Change Order Authority         C04002       127       Reference Identification       Reference Identification	Ref.       Data         Des.       Element       Name         Attributes       N901       128       Reference Identification Qualifier       M         N901       128       Reference Identification Qualifier       M         N902       127       Reference Identification       X         Reference Identification       X       Reference Identification       X         N902       127       Reference Identification       X         Reference Information as defined for a particular Transaction a specified by the Reference Identification Qualifier       ORI       Order Instructions         N903       369       Free-form Description       X       Free-form descriptive text         "RESALE"       O       To identify one or more reference numbers or identification nu specified by the Reference Qualifier       O         N907       C040       Reference Identification Qualifier       M         C04001       128       Reference Identification Qualifier       M         C04002       127       Reference Identification       M         Reference Identification       M       Reference Identification       M         Reference Identification       M       Reference Identification       M         Reference Identification       M

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 pri then MTX05 is required.</li> </ol>	int",	
Notes:	MTX**REMARKS (RE-60a)		
	Data Element Summary		
Ref.	Data		
Des.	<u>Element</u> <u>Name</u>		
<u>Attributes</u>			
MTX02	1551 Message Text	K	AN 1/4096

To transmit large volumes of message text

REMARKS (RE-60a) = 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:	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	r Code	М	ID 2/3
		Code identifying an individual 78	g an organizational entity, a physical l Service Requester	ocation,	property or
N102	93	Name		Х	AN 1/60
		Free-form name	)		
		CCNA (LSR-1) =	= Customer Carrier Name Abbreviation	n	

# **PER** Administrative Communications Contact

Segment:

Position: Loop: Level:	3500 N1 Optional 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:

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 Element Summary**

		Data Element S	Summary		
Ref.	Data				
Des.	<u>Element</u>	<u>Name</u>			
<u>Attributes</u>					
PER01	366	Contact Function	Code	Μ	ID 2/2
		Code identifying th	e major duty or responsibility of the pe	rson	or group
		named			
		AG	Agent		
		AL	Alternate Contact		
			Person to be contacted when the ma	in co	ntact is not
			available		
		CN	General Contact		
PER02	93	Name		Ο	AN 1/60
		Free-form name			
		INIT (LSR-81) = Ini	tiator Identification		
			= Implementation Contact		
			R-94) = Alternate Implementation Conta	act	
PER03	365	Communication	Number Qualifier	Х	ID 2/2
		Code identifying th	e type of communication number		
		TE	Telephone		
PER04	364	Communication	Number	Х	AN 1/256
		Complete commur	nications number including country or a	rea c	ode when
		applicable			
			= Telephone Number		
		. ,	= Telephone Number		
			= Telephone Number		15 6/2
PER05	365	Communication		Х	ID 2/2
		Code identifying th	e type of communication number		
		BN	Beeper Number		
		FX	Facsimile		
PER06	364	Communication	Number	Х	AN 1/256
		Complete commun	ications number including country or a	rea c	ode when
		applicable	5 ,		

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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 o applicable	r area	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, nan	ne, and code	
Syntax Notes:	1 At le	east one of N1	02 or N103 is required.		
•			N104 is present, then the	other is required.	
Semantic Notes:			•	·	
Comments:	prov "ID ( trans <b>2</b> N10	riding organiza Code" (N104) saction proce 5 and N106 fr	ssing party. urther define the type of e	bbtain this efficiency the e table maintained by the	•
Notes:	N1*AN*A	AUTHNM (LS	R-37)		
Ref.	Data	Data Ele	ment Summary		
		Nama			
<u>Des.</u> <u>Attributes</u>	<u>Element</u>	name			
I N101	98	Entity Iden	ifier Code	м	ID 2/3
	30	•			
		an individual		ntity, a physical location,	property or
		AN	Authorized From		

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

X AN 1/60

N102

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:	<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)
Ref.	Data Element Summary Data

Data <u>Element</u>	<u>Name</u>			
98	Entity Identifier	Code	Μ	ID 2/3
	Code identifying an individual	an organizational entity,	a physical location,	property o
	X1	Mail to		
		An address to which a	a specified item is to	be mailed
93	Name		X	AN 1/60
	Free-form name			
	BILLNM (EU-43)	= Bill Name		
	<u>Element</u> 98	ElementName98Entity Identifier Code identifying an individual X193Name Free-form name	Element       Name         98       Entity Identifier Code         Code identifying an organizational entity, an individual       Nail to         X1       Mail to         An address to which a         93       Name	Element       Name         98       Entity Identifier Code       M         Code identifying an organizational entity, a physical location, an individual       X1       Mail to         X1       Mail to       An address to which a specified item is to         93       Name       X         Free-form name       X

Μ

Max Use: Purpose: Syntax Notes: Semantic Notes: Comments:	3100 N1 Heading Optional 2 To speci	fy additional names		
Notes:	N2*SBIL	LNM (EU-44)		
	_	Data Element Summary		
Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Name		
M N201	93	Name	М	AN 1/60
		Free-form name		
		SBILLNM (EU-44) = Secondary Billing Name		

Segment:	<b>N4</b> 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.	
		07 is present, then N404 is required.	
Semantic Notes:			
Comments:	<b>1</b> A co	mbination of either N401 through N404, or N405 and N406 n	nav
		dequate to specify a location.	- 7
		2 is required only if city name (N401) is in the U.S. or Canad	a.
Notes:		TE (EU-49)*ZIP (EU-50)	
	-	( ) ( )	
		Data Element Summary	
Ref.	Data	Data Element Gammary	
Des.	Element	Name	
Attributes		<u>Indino</u>	
N402	156	State or Province Code	( ID 2/2
11102	100		
		Code (Standard State/Province) as defined by appropriate g	overnment
		agency	
		STATE (EU-49) = State/Province	
N403	116	Postal Code	D ID 3/15
		Code defining international postal zone code excluding pun blanks (zip code for United States)	ctuation and
		ZIP (EU-50) = ZIP/Postal Code	

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NX2 Location ID Component Segment: Position: 3350 Loop: N1 Optional Heading Level: Usage: Optional Max Use: >1 Purpose: To define types and values of a geographic location Syntax Notes: Semantic Notes: Comments: Notes: NX2*01*SANO (EU-45b) NX2*02*SASN (EU-45e) NX2*03*SASD (EU-45d) NX2*07*CITY (EU-48) NX2*32*FLOOR (EU-46) NX2*35*ROOM/MAIL STOP (EU-47) NX2*40*SASS (EU-45g) NX2*59*SAPR (EU-45a) NX2*61*SASF (EU-45c)

#### **Data Element Summary**

NX2*62*SATH (EU-45f)

Data

	Ref.	Data				
	Des.	Element	<u>Name</u>			
	<u>Attributes</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		
			32	Floor		
				A particular floor or level of a building		
			35	Room		
				A walled room or partitioned area of a	builc	ding
			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 information	n		
			SANO (EU-45b) =	Service Address Number		
			SASN (EU-45e) =	Service Address Street Name		
			SASD (EU-45d) =	Service Address Street Directional Pre	fix	
			CITY (EU-48) = Ci	•		
			FLOOR (EU-46) =			
				P (EU-47) = Room/Mail Stop		
			· · · · · · · · · · · · · · · · · · ·	Service Address Street Directional Suf	fix	
			, , ,	Service Address Number Prefix		
			````	Service Address Number Suffix		
			SATH (EU-45f) = S	Service Address Street Type		

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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:	 SI01 defines the source for each of the service characteristics qualifiers.
Notes:	SI*TI*AF*AFT (EU-44a)

	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 ser 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		

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

[POC Loop May Repeat]

POC*n*RZ*****ZZ*EU_SA

Notes:

Μ

Data <u>Element</u>	Name		
350	Assigned Identification	ο	AN 1/20
	Alphanumeric characters assigned for differentiation with set	in a t	ransaction
	"n" = nth assigned ID within POC loop		
670	Change or Response Type Code	Μ	ID 2/2
	Code specifying the type of change to the line item		
	RZ Replace All Values		
	the original purchase order with the v	alues	contained
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	er use	ed in
234	Product/Service ID	Х	AN 1/48
	Identifying number for a product or service		
	Element 350 670 235	Element Name 350 Assigned Identification Alphanumeric characters assigned for differentiation within set "n" = nth assigned ID within POC loop 670 Change or Response Type Code 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 values in the Purchase Order Change Transa 235 Product/Service ID Qualifier Code identifying the type/source of the descriptive number Product/Service ID (234) ZZ 234 Product/Service ID	Element Name 350 Assigned Identification O Alphanumeric characters assigned for differentiation within a t set "n" = nth assigned ID within POC loop 670 Change or Response Type Code M Code specifying the type of change to the line item RZ Replace All Values RZ Replace All Values Receiver should replace the corresponding the original purchase order with the values in the Purchase Order Change Transaction 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

Segment:	SI Service Characteristic Identification
Position:	0180
Loop:	POC Optional
Level:	Detail
Usage:	Optional
Max Use:	•
	>1 Ta annaith ann ian channatairtís data
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*OP*WSOP (EU-31)*TN*WSOP TEL NO (EU-31a)

	Ref.	Data			
	Des.	<u>Element</u>	Name		
	<u>Attributes</u>				
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	М	AN 2/2
			Code from an industry code list qualifying the type of servic characteristics	е	
			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:	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:	 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party. N105 and N106 further define the type of entity in N101.
Notes:	N1*IT*NAME (EU-8)

Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	<u>Name</u>	
N101	98	Entity Identifier Code	M ID 2/3
		Code identifying an organizational entit an individual IT Installation on Site	
N102	93	Name	X AN 1/60
		Free-form name	
		NAME (EU-8) = End User Name	

Segment:	N4 Geographic Location	
Position:	3700	
Loop:	N1 Optional	
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify the geographic place of the named party	
Syntax Notes:	1 Only one of N402 or N407 may be present.	
•	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 N40	6 may
	be adequate to specify a location.	
	2 N402 is required only if city name (N401) is in the U.S. or Car	ada.
Notes:	N4**STATE (EU-25)*ZIP (EU-26)**RJ*CALA (EU-26a)	
	Data Element Summary	
Ref.	Data	
Des.	<u>Element</u> <u>Name</u>	
Attributes		
N402	156 State or Province Code	X ID 2/2

N402	156	State or Pro	ovince Code	Х	ID 2/2
		Code (Stanc agency	lard State/Province) as defined by appropriat	e gov	vernment
		<u> </u>	25) = State/Province		
N403	116	Postal Code	9	0	ID 3/15
			ng international postal zone code excluding p code for United States)	ounctu	uation and
		ZIP (EU-26)	= ZIP/Postal Code		
N405	309	Location Q	ualifier	Х	ID 1/2
		Code identify	ying type of location		
		RJ	Region		
N406	310	Location Id	lentifier	Ο	AN 1/30
		Code which	identifies a specific location		
		CALA (EU-2	6a) = Customer Address Location Area		

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

Notes:

Ref.

Μ

Data

NX2 Location ID Component

3750 N1 Optional Detail Optional >1 To define types and values of a geographic location Comments: 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

Nel.	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: AP	Г)		
		14 = (DWS: SUI	T)		
		34 = (DWS: LOT			
		35 = (DWS: RM	·		
		36 = (DWS: SLI	•		
		37 = (DWS: UNI	T)		
		LD2 (EU-19) = Loc			
		32 = (DWS: FLF	R)		
		LD3 (EU-21) = Loc	ation Designator 3		
		12 = (DWS; BLI)			
		30 = (DWS: PIE			
		63 = (DWS: WN	,		
		01	Street Number		
		02	Street Name		
		-			
		03	Prefix Direction		
		05	P.O. Box Number		
		06	Rural Route Number		
		07	City Name		
		39	Unstructured Property		

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	40 59 61	Street Suffix Street Number Low Street Number Fraction		
	62	Street Name Suffix		
166	Address Information	on	Μ	AN 1/55
	SASN (EU-14) = 5 SASD (EU-13) = 5 BOX (EU-23c) = B ROUTE (EU-23b) CITY (EU-24) = Ci AHN (EU-23a) = A SASS (EU-16) = 5 SAPR (EU-10) = 5 SASF (EU-12) = 5	= Route ty sssigned House Number Service Address Street Directional Suffi Service Address Number Prefix Service Address Number Suffix Service Address Street Type cation Value 1 cation Value 2		

Μ

NX202

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*AF*AFT (EU-9)

	Ref. <u>Des.</u>	Data <u>Element</u>	Name		
м	<u>Attributes</u> 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	М	AN 2/2
			Code from an industry code list qualifying the type of service characteristics	/ice	
	0100	004	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		

Segment: **POC** Line Item Change - End User Form (Disconnect

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

Data Element Summary

Notes:

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POC*n*RZ*****ZZ*EU_DISC [POC Loop May Repeat]

Ref.	Data			
<u>Des.</u> <u>Attributes</u>	<u>Element</u>	<u>Name</u>		
POC01	350	Assigned Identification	0	AN 1/20
		Alphanumeric characters assigned for differentiation with set	n a ti	ransaction
		"n" = nth assigned ID within POC loop		
POC02	670	Change or Response Type Code	Μ	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	alues	contained
POC08	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
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.
	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:	 SI01 defines the source for each of the service characteristics qualifiers.
Notes:	SI*TI*ND*DISC NBR (EU-55) SI*TI*T6*TC OPT (EU-57)

				Cammary		
	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>			
М	SI01	559	Agency Qualifier	r Code	М	ID 2/2
			Code identifying the	he agency assigning the code values		
			TI	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 Option		
М	SI03	234	Product/Service	ID	Μ	AN 1/48
			Identifying number	r for a product or service		
			•	5) = Disconnect Telephone Number = Transfer of Call Options		

		-		
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 require		
Semantic Notes:		her C04005 or C04006 is present, then the other is require 04 contains data relating to the value cited in REF02.	;u.	
Comments:		04 contains data relating to the value cited in REF02.		
Notes:	RFF*IX*I	DNUM (EU-54)*DNUM		
		Data Element Summary		
Ref.	Data			
Des.	<u>Element</u>	Name		
Attributes	400			
REF01	128	Reference Identification Qualifier	Μ	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 Transac	tion \$	Set or as
		specified by the Reference Identification Qualifier		
		DNUM (EU-54) = Disconnect Line Number		
REF03	352	Description	Х	AN 1/80
		A free-form description to clarify the related data element	s an	d their
		content		
		"DNUM"		

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Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	2000 POC Detail Optional 10 To speci 1 At le 2 If DT 3 If eit	Date/Time Reference Optional y pertinent dates and times ast one of DTM02 DTM03 or DTM05 is M04 is present, then DTM03 is required her DTM05 or DTM06 is present, then the *TC PER{CCYYMMDD} (EU-62)	i.	
Ref.	Data	Data Element Summary		
Des.	<u>Element</u>	<u>Name</u>		
Attributes	374	Date/Time Qualifier		ID 3/3
I DTM01	3/4		M	ID 3/3
		Code specifying type of date or time, o	or both date and time	
		376 Delivery End		
		The date that delive	eries will end	
DTM02	373	Date	Х	DT 8/8
		Date expressed as CCYYMMDD		
		TC PER (EU-62) = Transfer of Calls Pe	eriod	

Μ

Segment:	SLN	Subline Item Detail		
-				
Position:	4600 SLN	Ontional		
Loop: Level:	Detail	Optional		
Usage: Max Use:	Optional 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		
Osmantis Natasa		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 subl	ne	
		is analogous to the level code used in a bill of materials.		
		03 is the configuration code indicating the relationship of t	ne	
		ine item to the baseline item.		
		08 is a code indicating the relationship of the price or amo	unt t	0
•		associated segment.		
Comments:		the Data Element Dictionary for a complete list of IDs.		
		01 is related to (but not necessarily equivalent to) the bas		
		number. Example: 1.1 or 1A might be used as a subline	านmb	er
		late to baseline number 1.		
		09 through SLN28 provide for ten different product/service		
		ach item. For example: Case, Color, Drawing No., U.P.C.	NO.,	
		No., Model No., or SKU.		
Notes:	SLN*TC	PRI*n*A*1*EA		
-		Data Element Summary		
Ref.	Data			
Des.	<u>Element</u>	<u>Name</u>		
Attributes	050		•-	
I SLN01	350	Assigned Identification	Μ	AN
		A table and the second a second and the second second from a difference of the second s		

1/20

AN 1/20

ID 1/1

X R 1/15

0

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SLN02

SLN03

SLN04

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Numeric value of quantity

Assigned Identification

Relationship Code

"n" = nth assigned ID within SLN loop

Code indicating the relationship between entities

Add

set "TCPRI"

set

А

Quantity

350

662

380

Alphanumeric characters assigned for differentiation within a transaction

Alphanumeric characters assigned for differentiation within a transaction

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

Segment:	SI Service Characteristic Identification
Position:	4700
Loop:	SLN Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.
•	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:	 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	/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:	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>	<u>Name</u>		
N101	98	Entity Identifier Code	М	ID 2/3
		Code identifying an organizational entity, a physi an individual TT Transfer To	cal location, p	property or
N102	93	Name	Х	AN 1/60
		Free-form name		
		TC NAME (EU-58b) = Transfer of Calls to Name		

Segment:	REF	Reference Identification				
Position:	5700					
Loop:		Optional				
Level:	Detail					
Usage:	Optional					
Max Use:	12					
Purpose:	To speci	fy identifying information				
Syntax Notes:	1 At le	ast one of REF02 or REF03 is required.				
	2 If eit	ner C04003 or C04004 is present, then the other is requir	ed.			
	3 If eit	ner C04005 or C04006 is present, then the other is requir	ed.			
Semantic Notes: Comments:	1 REF	04 contains data relating to the value cited in REF02.				
Notes:	REF*55*	REF*55*TCID (EU-58a)*PRI				
Ref.	Data	Data Element Summary				
Des.	Element	Name				
Attributes						
REF01	128	Reference Identification Qualifier	Μ	ID 2/3		
		Code qualifying the Reference Identification				
		55 Sequence Number				
REF02	127	Reference Identification	Х	AN 1/30		
		Reference information as defined for a particular Transac specified by the Reference Identification Qualifier	ction \$	Set or as		
		TCID (EU-58a) = Transfer of Calls to Identifier				

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

Х

AN 1/80

Description

content "PRI"

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REF03

352

Segment:	SLN Subline Item Detail
Position:	4600
Loop:	SLN Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify product subline detail item data
Syntax Notes:	1 If either SLN04 or SLN05 is present, then the other is required.
	2 If SLN07 is present, then SLN06 is required.
	3 If SLN08 is present, then SLN06 is required.
	4 If either SLN09 or SLN10 is present, then the other is required.
	5 If either SLN11 or SLN12 is present, then the other is required.
	6 If either SLN13 or SLN14 is present, then the other is required.
	7 If either SLN15 or SLN16 is present, then the other is required.8 If either SLN17 or SLN18 is present, then the other is required.
	9 If either SLN17 or SLN20 is present, then the other is required.
	10 If either SLN21 or SLN22 is present, then the other is required.
	11 If either SLN23 or SLN24 is present, then the other is required.
	12 If either SLN25 or SLN26 is present, then the other is required.
	13 If either SLN27 or SLN28 is present, then the other is required.
Semantic Notes:	1 SLN01 is the identifying number for the subline item.
	2 SLN02 is the identifying number for the subline level. The subline
	level is analogous to the level code used in a bill of materials.
	3 SLN03 is the configuration code indicating the relationship of the
	subline item to the baseline item.
	4 SLN08 is a code indicating the relationship of the price or amount to
	the associated segment.
Comments:	1 See the Data Element Dictionary for a complete list of IDs.
	2 SLN01 is related to (but not necessarily equivalent to) the baseline
	item number. Example: 1.1 or 1A might be used as a subline number
	to relate to baseline number 1.
	3 SLN09 through SLN28 provide for ten different product/service IDs
	for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.
Notes:	SLN*TCSEC*n*A*1*EA [SLN Loop May Repeat]
	Data Element Summary

	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Name		
М	SLN01	350	Assigned Identification	Μ	AN 1/20
			Alphanumeric characters assigned for differentiation withi set	n a t	ransaction
			"TCSEC"		
	SLN02	350	Assigned Identification	0	AN 1/20
			Alphanumeric characters assigned for differentiation within set	n a t	ransaction
			"n" = nth assigned ID within SLN loop		
Μ	SLN03	662	Relationship Code	Μ	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	Х
М	C00101	355	To identify a composite unit of measure (See Fig examples of use) Unit or Basis for Measurement Code	ures Appendix for M ID 2/2
	COULT	555	Code specifying the units in which a value is bein manner in which a measurement has been taken EA Each	ig expressed, or

Segment:	SI Service Characteristic Identification
Position:	4700
Loop:	SLN Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.
•	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*TC*TC TO SEC (EU-59)

	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	Μ	AN 1/48
			Identifying number for a product or service		
			TC TO SEC (EU-59) = Transfer of Calls To Secondary No	umbe	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 physican individual TT Transfer To	ical location, property or
N102	93	Name	X AN 1/60
		Free-form name	
		TC NAME (EU-61) = Transfer of Calls to Name	

Μ

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments:	 REF Reference Identification 5700 N1 Optional Detail Optional 12 To specify identifying information 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. 1 REF04 contains data relating to the value cited in REF02. 			
Notes:	Notes: REF*55*TCID (EU-60)*SEC			
Ref. <u>Des.</u>	Data <u>Element</u>	Data Element Summary <u>Name</u>		
<u>Attributes</u> I REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification	М	ID 2/3
		55 Sequence Number		

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

Reference Identification

Description

content "SEC" X AN 1/30

AN 1/80

Х

М

REF02

REF03

127

352

Segment:	POC 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:	 If POC03 is present, then both POC04 and POC05 are required. If POC07 is present, then POC06 is required. If either POC08 or POC09 is present, then the other is required. If either POC10 or POC11 is present, then the other is required. If either POC12 or POC13 is present, then the other is required. If either POC14 or POC15 is present, then the other is required. If either POC16 or POC17 is present, then the other is required. If either POC16 or POC17 is present, then the other is required. If either POC18 or POC19 is present, then the other is required. If either POC20 or POC21 is present, then the other is required. If either POC22 or POC23 is present, then the other is required. If either POC24 or POC25 is present, then the other is required. 			
Comentie Notes	12 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. <u>Des.</u>	Data <u>Element</u>	Name		
	Attributes POC01	350	Assigned Identification O	AN 1/20	
			Alphanumeric characters assigned for differentiation within a set	transaction	
	"n" = nth assigned ID within POC loop				
М	POC02	670	Change or Response Type Code M	ID 2/2	
			Code specifying the type of change to the line item		
			RZ Replace All Values		
			Receiver should replace the correspondi the original purchase order with the value in the Purchase Order Change Transacti	es contained	
	POC08	235	Product/Service ID Qualifier X	ID 2/2	
			Code identifying the type/source of the descriptive number u Product/Service ID (234) ZZ Mutually Defined	sed in	
	POC09	234	Product/Service ID X	AN 1/48	
			Identifying number for a product or service		
			"RE"		

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Syntax Notes: Semantic Notes: Comments: 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 9 If eit 1 SI01 quali SI*TI*SA SI*TI*TN SI*TI*TD SI*TI*CN	Optional fy service chara her SI04 or SI05 her SI06 or SI07 her SI08 or SI09 her SI10 or SI15 her SI12 or SI15 her SI16 or SI15 her SI16 or SI15 her SI20 or SI25	 5 is present, then the other is required. 7 is present, then the other is required. 9 is present, then the other is required. 9 is present, then the other is required. 9 is present, then the other is required. 6 is present, then the other is required. 7 is present, then the other is required. 9 is present, then the other is required. 9 is present, then the other is required. 1 is present, then the other is required. 9 is present, then the other is required. 1 is present, then the other is required. 1 is present, then the other is required. 2 is present, then the other is required. 		
		Data Eleme	ent Summary		
Ref.	Data				
<u>Des.</u> Attributes	<u>Element</u>	<u>Name</u>			
SI01	559	Agency Quali	fier Code	М	ID 2/2
		Code identifyin	g the agency assigning the code values		
		П	Telecommunications Industry		
SI02	1000	Service Chara	acteristics Qualifier	Μ	AN 2/2
			industry code list qualifying the type of ser	/ice	
		characteristics CN	Circuit Number Identification Code		
		OT	Out Telephone Number		
		SA	Service Activity Code		
		Т6	Transfer of Calls Option		
		TD	Transmission Duplex		
		TN	Telephone Number		
SI03	234	Product/Serv		Μ	AN 1/48
			ber for a product or service		
		C = (DWS : A = (DWS : D = (DWS : V = (DWS :	X - TN change) C - Change)		

Μ

Μ

Μ

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TNS (RE-15) = Telephone Numbers
OTN (RE-19) = Out Telephone Number
PTKCON (RE-24) = PBX Trunk Configuration
ECCKT (RE-28) = Exchange Company Circuit ID
TC OPT (RE-35) = Transfer of Call Options

Segment:	PID Product/Item Description
Position:	0500
Loop:	PID Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To describe a product or process in coded or free-form format
Syntax Notes:	1 If PID04 is present, then PID03 is required.
	2 At least one of PID04 or PID05 is required.
	3 If PID07 is present, then PID03 is required.
	4 If PID08 is present, then PID04 is required.
•	5 If PID09 is present, then PID05 is required.
Semantic Notes:	1 Use PID03 to indicate the organization that publishes the code list
	being referred to.
	2 PID04 should be used for industry-specific product description
	codes.
	3 PID08 describes the physical characteristics of the product identified
	in PID04. A "Y" indicates that the specified attribute applies to this
	item; an "N" indicates it does not apply. Any other value is
	indeterminate.
Comments:	 4 PID09 is used to identify the language being used in PID05. 1 If PID01 equals "F", then PID05 is used. If PID01 equals "S", then
Comments.	PID04 is used. If PID01 equals "X", then both PID04 and PID05 are
	used.
	2 Use PID06 when necessary to refer to the product surface or layer
	being described in the segment.
	3 PID07 specifies the individual code list of the agency specified in
	PID03.
Notes:	PID*S**TI*AG***SO-RSQ*NIDR (RE-47)
10103.	PID*X**TI*CFA*CFA (RE-57)

			Data Element	Summary		
	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>			
М	PID01	349	Item Description	Туре	М	ID 1/1
			Code indicating th	ne format of a description		
			S	Structured (From Industry Code List)		
			Х	Semi-structured (Code and Text)		
	PID03	559	Agency Qualifie	r Code	Х	ID 2/2
			Code identifying t	he agency assigning the code values		
			ТІ	Telecommunications Industry		
	PID04	751	Product Descrip	tion Code	Х	AN 1/12
			A code from an in product character	dustry code list which provides specific ristic	data	about a
			AG	Network Interface Device Request		
			CFA	Connecting Facility Assignment		
	PID05	352	Description		Х	AN 1/80
			A free-form descrit content	iption to clarify the related data element	s and	d their
			CFA (RE-57) = C	onnecting Facility Assignment		
	PID07	822	Source Subqual	lifier	0	AN 1/15

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		A reference tha Qualifier	t indicates the table or text maintained	by the	Source
		SO-RSQ	Service Order - Reseller Questions	s List	
PID08	1073	Yes/No Condit	ion or Response Code	Ο	ID 1/1
		Code indicating	a Yes or No condition or response		
		NIDR (RE-47) =	NID Request		

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 REF*IX*L REF*GP	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. NUM (RE-9)*LNUM *TSP (RE-25) *SAN (RE-26)	
Β.	D (Data Element Summary	
Ref. Des.	Data <u>Element</u>	Namo	
Attributes		Nalle	
REF01	128	Reference Identification Qualifier M	ID 2/3
		Code qualifying the Reference Identification	
		AE Authorization for Expense (AFE) Number	
		GP Government Priority Number	
		IX Item Number	
REF02	127	Reference Identification X	AN 1/30
		Reference information as defined for a particular Transaction S specified by the Reference Identification Qualifier LNUM (RE-9) = Line Number TSP (RE-25) = Telecommunications Service Priority SAN (RE-26) = Subscriber Authorization Number	Set or as
REF03	352	Description X	AN 1/80
		A free-form description to clarify the related data elements and content "LNUM"	I their

			л			
	Segment:	DIN	Date/Time Re	eference		
	Position:	2000				
	Loop:	POC	Optional			
	Level:	Detail	·			
	Usage:	Optional				
	Max Use:	10				
	Purpose:	To speci	ify pertinent dates	and times		
5	Syntax Notes:	1 At le	ast one of DTM02	2 DTM03 or DTM05 is required.		
	-	2 If DT	TM04 is present, t	hen DTM03 is required.		
		3 If eit	her DTM05 or DT	M06 is present, then the other is require	d.	
Sen	nantic Notes: Comments:					
	Notes:	DTM*376	6*TC PER{CCYYI	MMDD} (RE-40)		
			Data Elemen	t Summary		
	Ref.	Data		-		
	Des.	Element	<u>Name</u>			
	<u>Attributes</u>					
Λ	DTM01	374	Date/Time Qua	alifier	Μ	ID 3/3
			Code specifying	type of date or time, or both date and ti	me	
			376	Delivery End		
			0.0	The date that deliveries will end		
	DTMAG	070	Dete	The date that deliveries will end	v	DT a/a
	DTM02	373	Date		Х	DT 8/8
			Date expressed	as CCYYMMDD		
			TC PER (RE-40)) = Transfer of Calls Period		

Segment:	N1 Name
Position:	3400
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	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*P9**41*PIC (RE-30)
	Data Element Summary
Ref.	Data
Des.	Element Name

Des	Element	<u>name</u>			
<u>Attribı</u>	<u>ites</u>				
N10	1 98	Entity Identifier C	ode	М	ID 2/3
		Code identifying an an individual	n organizational entity, a physical locati	on, p	property or
		P9	Primary Interexchange Carrier (PIC)		
			Identifies the carrier who will handle the interexchange calls	ıe	
N10	3 66	Identification Co	de Qualifier	Х	ID 1/2
		Code designating to Identification Code	the system/method of code structure u (67)	sed f	or
		41	Telecommunications Carrier Identifica	tion (Code
			Identifies the Interexchange carrier for being billed	' the	charges
N10	4 67	Identification Cod	de	Х	AN 2/80
		Code identifying a	party or other code		
		PIC (RE-30) = Inter	rLATA Pre-subscription Indicator Code		

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:	 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party. N105 and N106 further define the type of entity in N101.
Notes:	N1*8V**41*LPIC (RE-31)

		Data Element S	buillinary		
Re	f. Data				
Des	s. Element	Name			
Attrib	utes				
N10	01 98	Entity Identifier C	ode	Μ	ID 2/3
		Code identifying ar an individual	n organizational entity, a physical locat	ion, J	property or
		8V	Primary Intra-LATA (Local Access Tra	anspo	ort Area)
			Carrier		
N10	03 66	Identification Co	de Qualifier	Х	ID 1/2
		Identification Code			
		41	Telecommunications Carrier Identifica	tion	Code
			Identifies the Interexchange carrier for being billed	' the	charges
N10	04 67	Identification Coc	le	Х	AN 2/80
		Code identifying a	party or other code		
		LPIC (RE-31) = Intr	aLATA Pre-subscription Indicator Cod	е	

Segment:	SLN	Subline Item Detail					
Position:	4600 SLN						
Loop: Level:	SLN Detail	Optional					
Usage:	Optional						
Max Use:	1 To on oot						
Purpose: Syntax Notes:	•	fy product subline detail item data her SLN04 or SLN05 is present, then the other is required.					
Cyntax Hotes.		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.					
	12 If eit	her SLN25 or SLN26 is present, then the other is required.					
Comentie Neteo		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:		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.,					
Notes:		N No., Model No., or SKU. PRI*n*A*1*EA					
Ref.	Data	Data Element Summary					
	Data <u>Element</u>	Name					
Attributes							
I SLN01	350	Assigned Identification M AN 1/20					
		Alphanumeric characters assigned for differentiation within a transactio set	n				
		"TCPRI"					
SLN02	350	Assigned Identification O AN 1/20					
		Alphanumeric characters assigned for differentiation within a transactio	'n				

SLN03

SLN04

М

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Numeric value of quantity

"n" = nth assigned ID within SLN loop

Code indicating the relationship between entities

Add

Μ

ID 1/1

X R 1/15

Relationship Code

set

А

Quantity

662

380

			1 Always One	
	SLN05	C001	Composite Unit of Measure	X
М	C00101	355	To identify a composite unit of measure (See Figer examples of use) Unit or Basis for Measurement Code	gures Appendix for M ID 2/2
IVI	00101	333	Code specifying the units in which a value is bein manner in which a measurement has been taker EA Each	ng expressed, or

Segment:	SI Service Characteristic Identification
Position:	4700
Loop:	SLN Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
•	
Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.
	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*TC*TC TO PRI (RE-38)

	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 ser 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 (RE-38) = Transfer of Calls To Primary Numb	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:	 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party. N105 and N106 further define the type of entity in N101.
Notes:	N1*TT*TC NAME (RE-38b)
	Data Element Summany

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

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes:	5700 N1 Detail Optional 12 To speci 1 At le 2 If eit	fy identifying information ast one of REF02 or REF03 is required. her C04003 or C04004 is present, then the other is requ				
Semantic Notes: Comments: Notes:	 3 If either C04005 or C04006 is present, then the other is required. 1 REF04 contains data relating to the value cited in REF02. REF*55*TCID (RE-38a)*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 Trans- specified by the Reference Identification Qualifier TCID (RE-38a) = Transfer of Calls to Identifier	action \$	Set or as		
REF03	352	Description	Х	AN 1/80		

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

Segment:	SLN	Subline Item Detail	
Position:	4600		
Loop:	4000 SLN	Optional	
Level:	Detail	Optional	
Usage:	Optional		
Max Use:	1		
Purpose:	=	ify product subline detail item data	
Syntax Notes:		ther SLN04 or SLN05 is present, then the other is required.	
Syntax Notes.		NO7 is present, then SLN06 is required.	
		N07 is present, then SLN06 is required.	
		ther SLN09 or SLN10 is present, then the other is required.	
		ther SLN19 of SLN10 is present, then the other is required.	
		ther SLN13 or SLN12 is present, then the other is required.	
		ther SLN15 or SLN14 is present, then the other is required.	
		ther SLN17 or SLN18 is present, then the other is required.	
		ther SLN17 of SLN16 is present, then the other is required.	
		ther SLN21 or SLN22 is present, then the other is required.	
		her SLN23 or SLN24 is present, then the other is required.	
		ther SLN25 or SLN26 is present, then the other is required.	
		ther SLN27 or SLN28 is present, then the other is required.	
Semantic Notes:		IO1 is the identifying number for the subline item.	
ochiantio notes.		IO2 is the identifying number for the subline level. The subline	
		I is analogous to the level code used in a bill of materials.	
		103 is the configuration code indicating the relationship of the	
		line item to the baseline item.	
		108 is a code indicating the relationship of the price or amour	nt to
		associated segment.	
Comments:		the Data Element Dictionary for a complete list of IDs.	
•••••••		101 is related to (but not necessarily equivalent to) the baselin	ne
		number. Example: 1.1 or 1A might be used as a subline nu	
		elate to baseline number 1.	
		109 through SLN28 provide for ten different product/service ID	s
		each item. For example: Case, Color, Drawing No., U.P.C. N	
		N No., Model No., or SKU.	
Notes:		SEC*n*A*1*EA [SLN Loop May Repeat]	
		Data Element Summary	
Ref.	Data		
Des.	<u>Element</u>	Name	
Attributes			
I SLN01	350		M AN 1/20
		Alphanumeric characters assigned for differentiation within	a transaction

М

Μ

SLN02

SLN03

SLN04

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Numeric value of quantity

Assigned Identification

Relationship Code

"n" = nth assigned ID within SLN loop

Code indicating the relationship between entities

Add

AN 1/20

ID 1/1

X R 1/15

0

Μ

Alphanumeric characters assigned for differentiation within a transaction

set "TCSEC"

set

А

Quantity

350

662

380

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

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 Sl08 or Sl09 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:	 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 ser 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 SEC (RE-39) = Transfer of Calls To Secondary No	umbe	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:	 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party. N105 and N106 further define the type of entity in N101.
Notes:	N1*TT*TC NAME (RE-42)

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 pl an individual TT Transfer To	hysical location, property or
N102	93	Name	X AN 1/60
		Free-form name	
		TC NAME (RE-42) = Transfer Calls to Name	

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments:	5700 N1 Detail Optional 12 To speci 1 At le 2 If eitt 3 If eitt	Optional fy identifyir ast one of her C04003 her C04003	nce Identification ng information REF02 or REF03 is required. 3 or C04004 is present, then the other is requi 5 or C04006 is present, then the other is requi s data relating to the value cited in REF02.		
Notes:	REF*55*	TCID (RE-4	41)*SEC		
Ref. <u>Des.</u>	Data <u>Element</u>		lement Summary		
Attributes REF01	128		ce Identification Qualifier	М	ID 2/3
		Code qua 55	lifying the Reference Identification Sequence Number		

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

Reference Identification

Description

content "SEC" X AN 1/30

AN 1/80

Х

Μ

REF02

REF03

127

352

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes:	4600 SLN Detail Optional 1 To speci 1 If eit 2 If SL 3 If SL 4 If eit 5 If eit 6 If eit 7 If eit 8 If eit 9 If eit 10 If eit 11 If eit 12 If eit	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 SLN19 or SLN16 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 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.	
Comments:	3 SLN subl 4 SLN the a 1 See 2 SLN item to re 3 SLN	 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 t 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 each item. For example: Case, Color, Drawing No., U.P.C. No., 	ber
Notes:		N No., Model No., or SKU. 'n*A*1*EA	
10165.			
Ref.	Data	Data Element Summary	
Des.	<u>Element</u>	Name	
Attributes SLN01	350	Assigned Identification M	AN 1/20
		Alphanumeric characters assigned for differentiation within a t set "BL"	
SLN02	350	Assigned Identification O	AN 1/20
		Alphanumeric characters assigned for differentiation within a t	

М

SLN03

SLN04

Μ

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Numeric value of quantity

"n" = nth assigned ID within SLN loop

Code indicating the relationship between entities

Add

Μ

ID 1/1

X R 1/15

Relationship Code

set

А

Quantity

662

380

			1 Always One	
	SLN05	C001	Composite Unit of Measure	X
м	C00101	255	To identify a composite unit of measure (See Figer examples of use) Unit or Basis for Measurement Code	0 11
IVI	COUTUI	355		M ID 2/2
			Code specifying the units in which a value is bein manner in which a measurement has been taker 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	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
Comments.	qualifiers.
Notes:	SI*TI*BB*BA (RE-54)*TB*BLOCK (RE-55)

	Ref.	Data			
	Des.	Element	<u>Name</u>		
	<u>Attributes</u>				
Μ	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	М	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	Х	AN 2/2
			Code from an industry code list qualifying the type of servi 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:	4600
Loop:	SLN Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify product subline detail item data
Syntax Notes:	1 If either SLN04 or SLN05 is present, then the other is required.
-	2 If SLN07 is present, then SLN06 is required.
	3 If SLN08 is present, then SLN06 is required.
	4 If either SLN09 or SLN10 is present, then the other is required.
	5 If either SLN11 or SLN12 is present, then the other is required.
	6 If either SLN13 or SLN14 is present, then the other is required.
	7 If either SLN15 or SLN16 is present, then the other is required.
	8 If either SLN17 or SLN18 is present, then the other is required.
	9 If either SLN19 or SLN20 is present, then the other is required.
	10 If either SLN21 or SLN22 is present, then the other is required.
	11 If either SLN23 or SLN24 is present, then the other is required.
	12 If either SLN25 or SLN26 is present, then the other is required.
0	13 If either SLN27 or SLN28 is present, then the other is required.
Semantic Notes:	1 SLN01 is the identifying number for the subline item.
	2 SLN02 is the identifying number for the subline level. The subline
	level is analogous to the level code used in a bill of materials.
	3 SLN03 is the configuration code indicating the relationship of the subline item to the baseline item.
	• • • • • • • • • • • • • • • • • • •
Comments:	the associated segment.See the Data Element Dictionary for a complete list of IDs.
comments.	 SLN01 is related to (but not necessarily equivalent to) the baseline
	item number. Example: 1.1 or 1A might be used as a subline number
	to relate to baseline number 1.
	3 SLN09 through SLN28 provide for ten different product/service IDs
	for each item. For example: Case, Color, Drawing No., U.P.C. No.,
	ISBN No., Model No., or SKU.
Notes:	SLN*FA*n*A*1*EA [SLN loop may repeat per FA/FEATURE pair]

	Ref.	Data				
	Des.	Element	<u>Name</u>			
	<u>Attributes</u>					
М	SLN01	350	Assigned Identification	М	AN 1/20	
			Alphanumeric characters assigned for differentiation within set	nat	ransaction	
			"FA"			
	SLN02	350	Assigned Identification	0	AN 1/20	
			Alphanumeric characters assigned for differentiation within a transaction set			
			"n" = nth assigned ID within SLN loop			
Μ	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	Х
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
		000	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:	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.
Cyntax Hotes.	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.
	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:	 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]

		_		Summary		
	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>			
	<u>Attributes</u>					
М	SI01	559	Agency Qualifier	Code	М	ID 2/2
			Code identifying th	e agency assigning the code values		
			TI	Telecommunications Industry		
Μ	SI02	1000	Service Characte	ristics Qualifier	Μ	AN 2/2
			characteristics	stry code list qualifying the type of serv	ice	
			FD	Feature Detail		
			SA	Service Activity Code		
М	SI03	234	Product/Service	ID	М	AN 1/48
			Identifying number	for a product or service		
			D = (DWS : D - I V = (DWS : V - 0 CT = (DWS : T -	Add) - Change (old values)) Disconnect) Conversion As Specified) Change (new values)) (RE-60) = Feature Detail		
	SI04	1000	Service Characte	ristics Qualifier	Х	AN 2/2
			Code from an indu characteristics SC	stry code list qualifying the type of serv Service Category Code	ice	
	SI05	234	Product/Service	ID	Х	AN 1/48
			Identifying number	for a product or service		
			FEATURE (RE-59)	= Feature Codes		

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

Notes:

Μ

		Data Element Ouninary		
Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Name		
POC01	350	Assigned Identification	Ο	AN 1/20
		Alphanumeric characters assigned for differentiation with set "n" = nth assigned ID within POC loop	in a t	ransaction
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 correspondnte original purchase order with the virtual or the Purchase Order Change Trans	alues	contained
POC08	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number Product/Service ID (234) ZZ Mutually Defined	Х	ID 2/2
POC09	234	Product/Service ID Identifying number for a product or service "DA"	X	AN 1/48

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

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:	 SI01 defines the source for each of the service characteristics qualifiers.
Notes:	SI*TI*AD*DACT (DL-81)

	Ref. Des.	Data Element	Name		
	Attributes				
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	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: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	2930 QTY Detail Optional 1 To speci 1 At le 2 Only 1 QTY*31*	one of QTY0	Y02 or QTY04 is required. 2 or QTY04 may be present. hen the quantity is non-numeric. 103)*DY		
D-f	Data	Data Eler	nent Summary		
Ref. Des.	Data Element	Name			
<u>Attributes</u>		Name			
QTY01	673	Quantity Qu	ualifier	М	ID 2/2
		Code specify	ving the type of quantity		
		31	Additional Demand Quantity		
		38	Original Quantity		
QTY02	380	Quantity		Х	R 1/15
		Numeric valu	ue of quantity		
	DL-103) = Number of Directories for Annua (DL-104) = Number of Directories Delivere				
QTY03	C001	Composite	Unit of Measure	0	
		examples of		s Append	
C00101	355	Unit or Basi	is for Measurement Code	М	ID 2/2
			ving the units in which a value is being ex hich a measurement has been taken Directory Books Number of directory books deliver		

М

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

			ent ounnary		
Ref. <u>Des.</u>	Data <u>Element</u>	<u>Name</u>			
Attributes N101	98	Entity Identif	ier Code	м	ID 2/3
		Code identifyi an individual DA	ng an organizational entity, a phy Delivery Address	vsical location,	property o
N102	93	Name Free-form nan	·	X	AN 1/60
		"DELNAME"			

Segment:	N4 a	Geographic Location							
Position:	3700	3700							
Loop:		Optional							
Level:	Detail								
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.							
		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	/					
		dequate to specify a location.							
NI (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	U						
		STATE (DL-99) = State/Province							
N403	116	Postal Code	0	ID 3/15					
		Code defining international postal zone code excluding publanks (zip code for United States)	nctu	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*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>			
	<u>Attributes</u>					
Μ	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		
			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	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	əfix	
			CITY (DL-98) = Cit			
			· · · · ·	Delivery Address Location		
				Delivery Address Street Directional Su	ffix	
				Delivery Address Number Prefix		
			. ,	Delivery Address Number Suffix		
				Delivery Address Street Type		

Segment: Position: Loop: Level: Usage: Max Use:	POC 0100 POC Detail Optional	Line Item Change - DL Form (Service Details Section Optional	i on)				
Purpose: Syntax Notes:	 To specify changes to a line item If POC03 is present, then both POC04 and POC05 are required. If POC07 is present, then POC06 is required. If either POC08 or POC09 is present, then the other is required. If either POC10 or POC11 is present, then the other is required. If either POC12 or POC13 is present, then the other is required. If either POC14 or POC15 is present, then the other is required. If either POC16 or POC17 is present, then the other is required. If either POC18 or POC17 is present, then the other is required. If either POC18 or POC21 is present, then the other is required. If either POC20 or POC21 is present, then the other is required. If either POC22 or POC23 is present, then the other is required. If either POC24 or POC25 is present, then the other is required. If either POC26 or POC27 is present, then the other is required. 						
Semantic Notes: Comments:	1 POC	C01 is the purchase order line item identification.					
Notes:		RZ*****ZZ*DL*SH*RTY (DL-12) [POC Loop May Repeat]					
Ref. <u>Des.</u>	Data <u>Element</u>	Data Element Summary <u>Name</u>					
<u>Attributes</u> POC01	350	Assigned Identification	ο	AN 1/20			
A POC02	670	Alphanumeric characters assigned for differentiation withi set "n" = nth assigned ID within POC loop Change or Response Type Code Code specifying the type of change to the line item RZ Replace All Values	m a t M	ransaction ID 2/2			
		Receiver should replace the correspon the original purchase order with the va in the Purchase Order Change Transa	alues	contained n Set			
POC08	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number Product/Service ID (234) ZZ Mutually Defined	X er use	ID 2/2 ed in			
POC09	234	Product/Service ID	Х	AN 1/48			
		Identifying number for a product or service "DL"					
POC10	235	Product/Service ID Qualifier	Х	ID 2/2			
		Code identifying the type/source of the descriptive number Product/Service ID (234) SH Service Requested A numeric or alphanumeric code from					
POC11	234	services available to the customer Product/Service ID	х	AN 1/48			
10011	207	Identifying number for a product or service	~				
		RTY (DL-12) = Record Type					

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	Segment: Position: Loop: Level: Usage: Max Use: Purpose:	0180 POC Detail Optional >1 To speci	fy service characte	eristic data		
S	Syntax Notes: emantic Notes:	 2 If eit 3 If eit 4 If eit 5 If eit 6 If eit 7 If eit 8 If eit 	her SI06 or SI07 is her SI08 or SI09 is her SI10 or SI11 is her SI12 or SI13 is her SI14 or SI15 is her SI16 or SI17 is her SI18 or SI19 is	present, then the other is required. present, then the other is required.		
Ū	Comments:		defines the source	e for each of the service characteristics		
	Notes:	SI*TI*LB SI*TI*LE SI*TI*TW SI*TI*BR	*LACT (DL-10) *LTY (DL-13) /*STYC (DL-15) *TOA (DL-16)			
			i*DOI (DL-17) I*DIRNAME (DL-34))		
		SI*TI*BO	*BRO (DL-28)			
	Ref.	Data	Data Element Sui	nmary		
	Des.	Element	<u>Name</u>			
М	<u>Attributes</u> SI01	559	Agency Qualifier	r Code	м	ID 2/2
				he agency assigning the code values Telecommunications Industry		
М	SI02	1000	Service Characte	-	М	AN 2/2
			Code from an induction characteristics	ustry code list qualifying the type of serv	vice	
			BO	Business/Residence Placement Over	ride	
			BR DG	Directory Listing Type of Account Degree of Indent		
			DN	Directory Book Name		
			LB	Listing Activity Indicator (LACT)		
			LE	Listing Type		
			TW	Style Code		
М	SI03	234	Product/Service		Μ	AN 1/48
			LACT $(DL-10) = L$ LTY $(DL-13) = Lis$ STYC $(DL-15) = S$ TOA $(DL-16) = Ty$ DOI $(DL-17) = Deg$ DIRNAME $(DL-34)$	Style Code pe of Account		

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Segment: Position:	0500	Product/Item Des	cription		
Loop: Level:	PID Detail	Optional			
Usage:	Optional				
Max Use:	1				
Purpose:			cess in coded or free-form format		
Syntax Notes:		004 is present, then			
		ast one of PID04 or 007 is present, then			
		008 is present, then	•		
		D09 is present, then			
Semantic Notes:	1 Use	PID03 to indicate the	ne organization that publishes the code) list	
		g referred to.			
	2 PIDC code		or industry-specific product description		
		-	ysical characteristics of the product ide	ntifie	h
	in PI item	D04. A "Y" indicate an "N" indicates it	s that the specified attribute applies to does not apply. Any other value is		.u
		erminate.			
Comments:			y the language being used in PID05. n PID05 is used. If PID01 equals "S", th	hen	
Commonto.			equals "X", then both PID04 and PID05		
	used				
			sary to refer to the product surface or la	iyer	
		described in the s		:	
	3 PIDO PIDO	-	vidual code list of the agency specified	IN	
Notes:	PID*S**T PID*S**T PID*S**T PID*S**T PID*S**T	1*AR***SO-RSQ*Of 1*AS***SO-RSQ*LN 1*AT***SO-RSQ*AC 1*AW***SO-RSQ*D 1*AX***SO-RSQ*NC 1*AY***SO-RSQ*TN 1*BA***SO-RSQ*PF	NPL (DL-44) DI (DL-61) ML (DL-25) DSL (DL-26) MKT (DL-27)		
		Data Element \$			
Ref. Des.	Data	Nama			
<u>Attributes</u>	<u>Element</u>	Name			
PID01	349	Item Description	Туре	М	ID 1/1
		Code indicating the	e format of a description		
		S	Structured (From Industry Code List)		
PID03	559	Agency Qualifier	Code	Х	ID 2/2
			e agency assigning the code values		
		TI	Telecommunications Industry		
PID04	751	Product Descripti	-	Х	AN 1/12
		A code from an inc	dustry code list which provides specific	data	about a
		product characteris			
		AR	Omit Telephone Number		
		AS	Listed Name Placement		
		AT	Address Indicator		
		AW	Direct Mail List		
	0.4/0	st Communications	International Inc		

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		AX	No Solicitation Indicator		
		AY	Telemarketing		
		BA	Professional Identifier		
PID07	822	Source Subqua	lifier	0	AN 1/15
		A reference that i Qualifier SO-RSQ	ndicates the table or text maintained by Service Order - Reseller Questions L		Source
PID08	1073	Yes/No Conditio	n or Response Code	ο	ID 1/1
			Yes or No condition or response		
		OMTN (DL-41) =			
		Y = (DWS : O			
		Blank = (DWS	: Blank - Do Not Omit)		
		I NPL (DI -44) = 1	etter Name Placement		
			Letter Placement)		
		Blank = (DWS	: Blank - Default to Word Placement)		
		ADI (DL-61) = Ad	dross Indicator		
			- Omit in DA and Directory)		
		,	: Blank - Do Not Omit)		
		DML (DL-25) = D Y = (DWS : O ·			
			: Blank - Do Not Omit)		
		``	,		
		TMKT (DL-27) = 1			
			- Omit from Telemarketing) : Blank - Do Not Omit)		
			No Solicitation Indicator		
		PROF (DL-32) =	Professional Identifier		

Segment:	REF	Reference Identification		
Position:	1000			
Loop:	POC	Optional		
Level:	Detail			
Usage:	Optional			
Max Use:	>1			
Purpose:	To speci	fy identifying information		
Syntax Notes:	1 At le	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:	1 REF	04 contains data relating to the value cited in REF02.		
Comments:				
Notes:	REF*LI*	ALI (DL-11)		
		Data Element Summary		
Ref.	Data			
Des.	<u>Element</u>	<u>Name</u>		
<u>Attributes</u>				
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

Reference Identification

Line Item Identifier (Seller's)

Reference information as defined for a particular Transaction Set or as

X AN 1/30

LI

127

Μ

REF02

Segment:	N9 Reference Identification
Position:	3200
Loop:	N9 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To transmit identifying information as specified by the Reference
	Identification Qualifier
Syntax Notes:	1 At least one of N902 or N903 is required.
	2 If N906 is present, then N905 is required.
	3 If either C04003 or C04004 is present, then the other is required.
	4 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 N906 reflects the time zone which the time reflects.
	2 N907 contains data relating to the value cited in N902.
Comments:	-
Notes:	N9*82*PLA
	Data Element Summary

Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	<u>Name</u>			
N901	128	Reference Ide	ntification Qualifier	Μ	ID 2/3
		Code qualifying	the Reference Identification		
		82	Data Item Description (DID) Reference	ce	
		Specific data elements that the government will ask a contractor to provide and are spelled out in specific requirement documents			
N902	127	Reference Ide	ntification	Х	AN 1/30
	Reference information as defined for a particular Transac specified by the Reference Identification Qualifier				
		"PLA"			

Segment:	MTX Text
Position:	3260
Loop:	N9 Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify textual data
Syntax Notes:	1 If MTX01 is present, then MTX02 is required.
	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

<u>Attributes</u>				
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:	N9	Optional		
Level:	Detail			
Usage:	Optional			
Max Use:	1			
Purpose:	To trans	mit identifying information as specified by the Reference		
	Identifica	tion Qualifier		
Syntax Notes:	1 At le	ast one of N902 or N903 is required.		
	2 If NS	06 is present, then N905 is required.		
	3 If eit	her C04003 or C04004 is present, then the other is required.		
	4 If eit	ner C04005 or C04006 is present, then the other is required.		
Semantic Notes:	1 N90	6 reflects the time zone which the time reflects.		
	2 N90	7 contains data relating to the value cited in N902.		
Comments:				
Notes:	N9*82*L	TXTY*LTXTY (DL-57)		
		Data Element Summary		
Ref.	Data	Data Element Gammary		
Des.	Element	Name		
<u>Attributes</u>		<u>nume</u>		
N901	128	Reference Identification Qualifier	Л	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

AN 1/30

AN 1/45

Х

Х

82

"LTXTY"

Reference Identification

Free-form Description

Free-form descriptive text

LTXTY (DL-57) = Listing Text Type

Μ

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:	 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

X AN 1/4096

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

Message Text

1551

MTX02

Segment:	N9 Reference Identification
Position:	3200
Loop:	N9 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To transmit identifying information as specified by the Reference
	Identification Qualifier
Syntax Notes:	1 At least one of N902 or N903 is required.
	2 If N906 is present, then N905 is required.
	3 If either C04003 or C04004 is present, then the other is required.
	4 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 N906 reflects the time zone which the time reflects.
_	2 N907 contains data relating to the value cited in N902.
Comments:	
Notes:	N9*H7*ORI*DL
	Data Element Summary
Ref.	Data
Des.	Element Name

Attributes					
N901	128	Reference	М	ID 2/3	
		Code qualify	ying the Reference Identification		
		H7	Standard Clause		
N902	127	Reference	Identification	Х	AN 1/30
			nformation as defined for a particular Trans the Reference Identification Qualifier Order Instructions	saction	Set or as
N903	369	Free-form I	Description	Х	AN 1/45
		Free-form de	escriptive text		
		"DL"			

Segment:	MTX Text		
Position:	3260		
Loop:	N9 Optional		
Level:	Detail		
Usage:	Optional		
Max Use:	>1		
Purpose:	To specify textual data		
Syntax Notes:	 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:	 MTX05 is the number of lines to advance before printing. 		
Comments:	 If MTX04 is "AA - Advance the specific number of lines before pr then MTX05 is required. 	int"	,
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:	 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party. N105 and N106 further define the type of entity in N101.
Notes:	N1*DH*LISTINGS
	Data Element Summary

<u>Des.</u> <u>Attributes</u>	<u>Element</u>	<u>Name</u>			
N101	98	Entity Identifie	er Code	М	ID 2/3
		Code identifying an individual DH	g an organizational entity, a physical Doing Business As	location,	property or
N102	93	Name		Х	AN 1/60
		Free-form name	e		
		"LISTINGS"			

Ref.

Data

	Segment:	IN2	Individua	I Name Structure Components					
	Position: Loop: Level: Usage: Max Use:	3550 N1 Detail Optional	Optional						
	Purpose: Syntax Notes: mantic Notes: Comments:	 To sequence individual name components for maximum specificity S: 							
	Notes:	IN2*05*LNLN (DL-45) IN2*02*LNFN (DL-46)*LNFN (DL-46) IN2*21*DES (DL-47) IN2*10*TL (DL-48)*TL IN2*01*TITLE1 (DL-49)*TITLE1 IN2*18*NICK (DL-54) IN2*12*DESD (DL-50a)*DESD IN2*10*TLD (DL-51)*TLD IN2*01*TITLE1D (DL-52)*TITLE1D							
	Ref.	Data	Data Elen	nent Summary					
	Des.	<u>Element</u>	<u>Name</u>						
м	Attributes	1104	Nama C	amponent Quelifier	м	ID 2/2			
IVI	IN201	1104		omponent Qualifier ntifying the type of name component	IVI	ID 2/2			
			01	Prefix					
			02	First Name					
			05	Last Name					
			10	Generation					
			12	Combined (Unstructured) Name					
			18	Preferred First Name or Nickname					
			21	Professional Title					
М	IN202	93	Name		м	AN 1/60			
			Free-form	name					
			LNLN (DI	45) = Listed Name Last					
				L-46) = Listed Name First					
				-47) = Designation B) = Title of Lineage					
			•	DL-49) = Title of Address 1					
			NICK (DL	54) – Nickname					
				L-50a) = Designation for Dual Name					
				51) = Title of Lineage for Dual Name (DL-52) = Title of Address 1 for Dual Name					
	IN203	93	Name		Ο	AN 1/60			
			Free-form	name					
			LNFN (DI	L-46) = Listed Name First					
			"TL" "TITLE1"						
			"DESD"						
			"TLD"						
			"TITLE1D	"					

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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.									
Natas	2 N402 is required only if city name (N401) is in the U.S. or Canada.									
Notes:	N4**LAST (DL-71)									
	Data Element Summary									
Ref.	Data									
Des.	<u>Element</u> <u>Name</u>									
<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)

NX2'02'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>					
Μ	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		
М	NX202	166	Address Informat	ion	Μ	AN 1/55
			Address information	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:	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:	 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	Nama			
	Des.	<u>Element</u>	<u>Name</u>			
	Attributes					
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	e ID	Μ	AN 1/48
			Identifying numbe	r for a product or service		
				ted Telephone Number Non-Standard Telephone Number		

Segment:	CTI	- Transaction Totals				
Position:	0100					
Loop:	CTT	Optional				
Level:	Summar	у				
Usage:	Optional					
Max Use:	1					
Purpose:	To transmit a hash total for a specific element in the transaction set					
Syntax Notes:		her 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:		segment is intended to provide hash totals to validate saction completeness and correctness.				
Notes:		nber of POC Segments				
		Data Element Summary				
Ref.	Data					
<u>Des.</u> Attributes	<u>Element</u>	Name				
A 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				
	0300					
Loop:	~					
	Summar					
	Mandato	ſy				
Max Use:	1					
-	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:	0	,				
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. E	<u>lement</u>	Name				
<u>Attributes</u>						
I SE01	96	Number of Included Segments	М	N0 1/10		
		Total number of segments included in a transaction set inc and SE segments	ludi	ng ST		
I SE02	329	Transaction Set Control Number	М	AN 4/9		
	Identifying control number that must be unique within the transaction functional group assigned by the originator for a transaction set					