POTS Resale Order Submittal
Table of Contents

15. POTS Resale Order Submittal

15.1 Business Description

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

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

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

LSR Assumptions:

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

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

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

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

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

Order Activity Definition

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

If converting from UNE service and porting number, an additional LSR, EU, and LNP are required |
| | Z* | Conversion As Specified, No Directory Listing | Change LSP with change to Resale POTS service and no change to Directory Listing | W, N, V, D, X | LSR, EU, RS |
| | | | Change of a product to Resale POTS with no change to Directory Listing (with or without change to LSP) | | LSR, EU, RS

If converting from UNE service and porting number, an additional LSR, EU, and LNP are required |

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

*The following products may be converted to Resale POTS:

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

Line Activities

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

LISTING ACTIVITIES

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

15.2 Business Model

See Appendix H

15.3 Developer Worksheets

See Appendices B and C– Developer Worksheets - Order

15.4 Trading Partner Access Information

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

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:

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

15.4.1 OVERVIEW: Qwest Specific Functional Group Envelope - Routing Information

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

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

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

15.4.2 ISA TABLE INFORMATION

ANSI X12 ISA and IEA definitions:

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

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

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

15.4.3 GS TABLE INFORMATION

ANSI X12 GS and GE segment definitions:

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

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

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

GS Table

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

ORDERING FUNCTION	Qwest SEND/ RECEIVE	DOCUMENT	GS01 VALUE	GS02 VALUE	GS03 VALUE
Service Request	Receive	850POTS	PO	*Co-Provider TP ID*	**POTS90**
Status Update – Auto Push	Send	855SU	PR	**SU90**	*Co-Provider TP ID*
Firm Order Confirmation	Send	855FOC	PR	**FOC90**	*Co-Provider TP ID*
Non Fatal Error Response	Send	855NF	PR	**NF90**	*Co-Provider TP ID*
Fatal Error Response	Send	855FATAL	PR	**FATAL90**	*Co-Provider TP ID*
Jeopardy	Send	865JEOP	CA	**JEOP90**	*Co-Provider TP ID*
Completion	Send	865COMP	CA	**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)

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

ORDERING FUNCTION	Qwest SEND/ RECEIVE	DOCUMENT	GS01 VALUE	GS02 VALUE	GS03 VALUE
Supplemental	Receive	860POTS	PC	*Co-Provider TP ID*	**POTS90**
Status Update – Auto Push	Send	855SU	PR	**SU90**	*Co-Provider TP ID*
Firm Order Confirmation	Send	865FOC	CA	**FOC90**	*Co-Provider TP ID*
Non Fatal Error Response	Send	865NF	CA	**NF90**	*Co-Provider TP ID*
Fatal Error Response	Send	865FATAL	CA	**FATAL90**	*Co-Provider TP ID*
Jeopardy	Send	865JEOP	CA	**JEOP90**	*Co-Provider TP ID*
Completion	Send	865COMP	CA	**COMP90**	*Co-Provider TP ID*

15.4.4 MAPPING EXAMPLE AND DATA DICTIONARY ITEMS:

Purchase Order (PO) Date

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

Time Code

The Developer Worksheet time code fields of every transaction, (i.e., D/T SENT) is assumed as follows:
- Transaction set(s) originating from the Co-Provider - time code should be consistent with your time zone.
- Transaction set(s) originating at Qwest - time code is Mountain Time.

4020 Exceptions

Transaction sets 850, 855, 860 and 865 are used with the following exception:
- SLN loop maximum use has been changed to >1

Delimiters

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

Qwest Specific Fields

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

Industry Standards Table:

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

15.5 Mapping Examples

15.5.1 850 POTS (850POTS) - Version 4020

Legend of Symbols in this transaction example

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

ST*850*TRAN SET CONTROL #
BEG*00*SS***_PON_**[LSR-2]**PO Date(See Trading Partner Access Information)
REF*11***_AN_**[LSR-7]*_AN_
REF*11***_EAN_**[EU-40]*_EAN_
REF*11***_NAN_**[LSR-7a]*_NAN_
REF*AO***_APT CON_**[LSR-15a]
REF*JB***_PROJECT_**[LSR-20]
REF*SU***_RTR_**[LSR-28]*_RTR_
REF*CO***_RPON_**[LSR-51]*_RPON_
REF*1V***_RORD_**[LSR-52]*_RORD_
REF*12***_BAN1_**[LSR-61]*_BAN1_
PAM*T5***_LOCQTY_**[LSR-5]*EA
PAM*48***_PG_of_**[LSR-10](1st 2 Bytes)*EA
PAM*47***_PG_of_**[LSR-10](2nd 2 Bytes)*EA
PAM*KC***_DQTY_**[EU-5]*EA
PAM*QO***_RSQTY_**[RE-5]*EA
PAM*BH***_DDQTY_**[DL-23]*EA
PAM*QU***_HTQTY_**[LSR-6]*EA
SAC*N**TI*EXP   [If this segment appears then **_EXP_**[LSR-26] = "Y"]
SAC*N**TI*VT*************_VTA_**[LSR-80]
DTM*097***_D/TSENT_**{CCYYMMDD}[LSR-12]***_D/TSENT_**{HHMM}[LSR-12]
DTM*150***_DDD_**{CCYYMMDD}[LSR-14]****TM/RTM***_APPTIME_**{HHMM[-HHMM]}[LSR-15]
DTM*151***_DDDO_**{CCYYMMDD}[LSR-16]
DTM*992****TM***_DFDT_**{HHMM}[LSR-19]
DTM*270***_DATED_**{CCYYMMDD}[LSR-36]

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

End User Form (Location and Access Section)

PO1*n*1*EA***ZZ*EU_SA   [PO1 Loop may repeat]
SI*TI*OP*WSOP[EU-31]*TN*WSOP TEL NO[EU-31a]
PID*S**TI*ANV***SO-RSQ*ANV[EU-8a]
REF*IX* LOCNUM[EU-7]*LOCNUM
N9*L1*ACC*EU
MTX**ACC[EU-30]
N1*IT*NAME[EU-8]
N4**STATE[EU-25]*ZIP[EU-26]**RJ*CALA[EU-26a]
NX2*01*SANO[EU-11]
NX2*02*SASN[EU-14]
NX2*03*SASD[EU-13]
NX2*05*BOX[EU-23c]
NX2*06*ROUTE[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]
PER*CA*LCON[EU-27]*TE*TEL NO[EU-28]
SI*TI*AF*AFT[EU-9]

End User Form (Disconnect Information Section)

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

Resale Form (Service Details Section)

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

SI*TI*SA*___FA___[RE-58]*SC*___FEATURE___[RE-59]
SI*TI*FD*___FEATURE DETAIL___[RE-60]   [SI Segment may repeat]

Regular Hunting

PO1*n*1*EA***ZZ*_HG_   [If this segment appears, ___HNTYP___[LSR-116] = 5]
SI*TI*SA*___HA___[LSR-112]
SI*TI*SG*___HID___[LSR-113]
SI*TI*SF*___HNTYP___[LSR-116]
REF*IX*___HNUM___[LSR-110]*_HNUM_
REF*IX*___LOCNUM___[LSR-109]*_LOCNUM_
SLN*_HNT_*n*A*1*EA
N9*55*_HTSEQ_
MTX**___HTSEQ___[LSR-118]

Multi-Line Hunting

PO1*n*1*EA***ZZ*_ML_   [If this segment appears, ___HNTYP___[LSR-116] = 4]
SI*TI*SA*___HA___[LSR-112]
SI*TI*SG*___HID___[LSR-113]
SI*TI*SF*___HNTYP___[LSR-116]
SI*TI*TQ*___TLI___[LSR-115]
REF*IX*___HNUM___[LSR-110]*_HNUM_
REF*IX*___LOCNUM___[LSR-109]*_LOCNUM_
SLN*_MHNT_*n*A*1*EA
N9*55*_HTSEQ_
MTX**___HTSEQ___[LSR-118]

DL Form (Delivery Address/Information Section)

PO1*n*1*EA***ZZ*_DA_   [PO1 Loop repeats **DDQTY**[DL-23] times]
SI*TI*AD*___DACT___[DL-81]
QTY*31*___DIRQTYA___[DL-103]*DY
QTY*38*___DIRQTYNC___[DL-104]*DY
N1*DA*_DELNAME_
N4***___STATE___[DL-99]*___ZIP___[DL-100]
NX2*01*___DDANO___[DL-85]
NX2*02*___DDASN___[DL-88]
NX2*03*___DDASD___[DL-87]
NX2*07*___CITY___[DL-98]
NX2*18*___DDALO___[DL-90a]
NX2*40*___DDASS___[DL-90]
NX2*59*___DDAPR___[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]   [PO1 Loop may repeat]
SI*TI*LB*___LACT___[DL-10]
SI*TI*LE*___LTY___[DL-13]
SI*TI*TW*___STYC___[DL-15]
SI*TI*BR*___TOA___[DL-16]
SI*TI*DG*___DOI___[DL-17]

SI*TI*DN***DIRNAME**[DL-34]
SI*TI*BO***BRO**[DL-28]
PID*S**TI*AR***SO-RSQ***_OMTN_**[DL-41]
PID*S**TI*AS***SO-RSQ***_LNPL_**[DL-44]
PID*S**TI*AT***SO-RSQ***_ADI_**[DL-61]
PID*S**TI*AW***SO-RSQ***DML**[DL-25]
PID*S**TI*AX***SO-RSQ***NOSL**[DL-26]
PID*S**TI*AY***SO-RSQ***TMKT**[DL-27]
PID*S**TI*BA***SO-RSQ***PROF**[DL-32]
REF*LI***ALI**[DL-11]
N9*82*_PLA_
MTX**_PLA_[DL-55]
N9*82*_LTXTY_*_LTXTY_[DL-57]
MTX**_LTEXT_[DL-59]
N9*H7*ORI*_DL_
MTX**_REMARKS_[DL-113]
N1*DH*_LISTINGS_
IN2*01***TITLE1**[DL-49]*_TITLE1_
IN2*01***TITLE1D**[DL-52]*_TITLE1D_
IN2*02***LNFN**[DL-46]***LNFN**[DL-46]
IN2*05***LNLN**[DL-45]
IN2*10***TL**[DL-48]*_TL_
IN2*10***TLD**[DL-51]*_TLD_
IN2*12***DESD**[DL-50a]*_DESD_
IN2*18***NICK**[DL-54]
IN2*21***DES**[DL-47]
N4***LAST**[DL-71]
NX2*01***LANO**[DL-63]
NX2*02***LASN**[DL-66]
NX2*03***LASD**[DL-65]
NX2*07***LALOC**[DL-70]
NX2*18***LALO**[DL-69]
NX2*40***LASS**[DL-68]
NX2*59***LAPR**[DL-62]
NX2*61***LASF**[DL-64]
NX2*62***LATH**[DL-67]
SI*TI*TN* **LTN**[DL-39]
SI*TI*NS***NSTN**[DL-40]

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

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

15.5.2 860 POTS Supplemental Service Request (860POTS) - Version 4020

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

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

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

15.6 **Data Dictionary**

15.6.1 850 POTS Service Request (850POTS)

Functional Group ID=PO

Introduction:

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

This implementation guideline references the following:
1. ANSI ASC X12 Version 4020
2. LSOG 5 and Qwest assigned fields
3. TCIF/SOSC Guidelines, ELMS 5

Notes:

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

Heading:

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

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
	3100	N1	Name	O	1		
	3600	PER	Administrative Communications Contact	O	>1		
			LOOP ID - N1			200	
	3100	N1	Name	O	1		
			LOOP ID - N1			200	
	3100	N1	Name	O	1		
	3200	N2	Additional Name Information	O	2		
	3400	N4	Geographic Location	O	>1		
	3450	NX2	Location ID Component	O	>1		
	3650	SI	Service Characteristic Identification	O	>1		

Detail:

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

			LOOP ID - N1			10	
	5350	N1	Name	O	1		
	5800	REF	Reference Identification	O	12		
			LOOP ID - PO1			100000	
M	0100	PO1	Baseline Item Data - Resale Form (Service Details Section)	M	1		n3
	0180	SI	Service Characteristic Identification	O	>1		
			LOOP ID - PID			1000	
	0500	PID	Product/Item Description	O	1		
	1000	REF	Reference Identification	O	>1		
	2100	DTM	Date/Time Reference	O	10		
			LOOP ID - N1			200	
	3500	N1	Name	O	1		
			LOOP ID - N1			200	
	3500	N1	Name	O	1		
			LOOP ID - SLN			>1	
	4700	SLN	Subline Item Detail	O	1		
	4800	SI	Service Characteristic Identification	O	>1		
			LOOP ID - N1			10	
	5350	N1	Name	O	1		
	5800	REF	Reference Identification	O	12		
			LOOP ID - SLN			>1	
	4700	SLN	Subline Item Detail	O	1		
	4800	SI	Service Characteristic Identification	O	>1		
			LOOP ID - N1			10	
	5350	N1	Name	O	1		
	5800	REF	Reference Identification	O	12		
			LOOP ID - SLN			>1	
	4700	SLN	Subline Item Detail	O	1		
			LOOP ID - SLN			>1	
	4700	SLN	Subline Item Detail	O	1		
	4800	SI	Service Characteristic Identification	O	>1		
			LOOP ID - SLN			>1	
	4700	SLN	Subline Item Detail	O	1		
	4800	SI	Service Characteristic Identification	O	>1		
			LOOP ID - PO1			100000	
M	0100	PO1	Baseline Item Data - Regular Hunting	M	1		n4
	0180	SI	Service Characteristic Identification	O	>1		
	1000	REF	Reference Identification	O	>1		
			LOOP ID - SLN			>1	
	4700	SLN	Subline Item Detail	O	1		
			LOOP ID - N9			>1	
	5230	N9	Reference Identification	O	1		
	5250	MTX	Text	O	>1		

			LOOP ID - PO1				100000	
M	0100	PO1	Baseline Item Data - Multi-Line Hunting	M	1			n5
	0180	SI	Service Characteristic Identification	O	>1			
	1000	REF	Reference Identification	O	>1			
			LOOP ID - SLN				>1	
	4700	SLN	Subline Item Detail	O	1			
			LOOP ID - N9				>1	
	5230	N9	Reference Identification	O	1			
	5250	MTX	Text	O	>1			
			LOOP ID - PO1				100000	
M	0100	PO1	Baseline Item Data - DL Form (Delivery Address/Information Section)	M	1			n6
	0180	SI	Service Characteristic Identification	O	>1			
			LOOP ID - QTY				>1	
	2930	QTY	Quantity	O	1			
			LOOP ID - QTY				>1	
	2930	QTY	Quantity	O	1			
			LOOP ID - N1				200	
	3500	N1	Name	O	1			
	3800	N4	Geographic Location	O	1			
	3850	NX2	Location ID Component	O	>1			
			LOOP ID - PO1				100000	
M	0100	PO1	Baseline Item Data - DL Form (Service Details Section)	M	1			n7
	0180	SI	Service Characteristic Identification	O	>1			
			LOOP ID - PID				1000	
	0500	PID	Product/Item Description	O	1			
	1000	REF	Reference Identification	O	>1			
			LOOP ID - N9				1000	
	3300	N9	Reference Identification	O	1			
	3400	MTX	Text	O	>1			
			LOOP ID - N9				1000	
	3300	N9	Reference Identification	O	1			
	3400	MTX	Text	O	>1			
			LOOP ID - N9				1000	
	3300	N9	Reference Identification	O	1			
	3400	MTX	Text	O	>1			
			LOOP ID - N1				200	
	3500	N1	Name	O	1			
	3650	IN2	Individual Name Structure Components	O	>1			
	3800	N4	Geographic Location	O	1			
	3850	NX2	Location ID Component	O	>1			
	4050	SI	Service Characteristic Identification	O	>1			
			LOOP ID - PO1				100000	
M	0100	PO1	Baseline Item Data - Dummy (DD)	M	1			n8

Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - CTT			1	
	0100	CTT	Transaction Totals	O	1		n9
M	0300	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

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

	ST Transaction Set Header
Segment:	
Position:	0100
Loop:	
Level:	Heading
Usage:	Mandatory
Max Use:	1
Purpose:	To indicate the start of a transaction set and to assign a control number
Syntax Notes:	
Semantic Notes:	**1** The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
	2 The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition.
Comments:	
Notes:	ST*850*TRAN SET CONTROL #

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	ST01	143	**Transaction Set Identifier Code**	M	ID 3/3
			Code uniquely identifying a Transaction Set		
			850 Purchase Order		
M	ST02	329	**Transaction Set Control Number**	M	AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set		

	Segment:	**BEG** Beginning Segment for Purchase Order

Segment: **BEG** Beginning Segment for Purchase Order

Position:	0200
Loop:	
Level:	Heading
Usage:	Mandatory
Max Use:	1
Purpose:	To indicate the beginning of the Purchase Order Transaction Set and transmit identifying numbers and dates
Syntax Notes:	
Semantic Notes:	**1** BEG05 is the date assigned by the purchaser to purchase order.
Comments:	
Notes:	BEG*00*SS*PON (LSR-2)**PO Date (See Trading Partner Access Information)

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	BEG01	353	**Transaction Set Purpose Code**	M	**ID 2/2**
			Code identifying purpose of transaction set		
			00 Original		
M	BEG02	92	**Purchase Order Type Code**	M	**ID 2/2**
			Code specifying the type of Purchase Order		
			SS Supply or Service Order		
M	BEG03	324	**Purchase Order Number**	M	**AN 1/22**
			Identifying number for Purchase Order assigned by the orderer/purchaser		
			PON (LSR-2) = Purchase Order Number		
M	BEG05	373	**Date**	M	**DT 8/8**
			Date expressed as CCYYMMDD		
			PO Date = Purchase Order Date (See Trading Partner 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:
  1 REF04 contains data relating to the value cited in REF02.
Comments:
Notes:

```
REF*11*AN (LSR-7)*AN
REF*11*EAN (EU-40)*EAN
REF*11*NAN (LSR-7a)*NAN
REF*AO*APT CON (LSR-15a)
REF*JB*PROJECT (LSR-20)
REF*SU*RTR (LSR-28)*RTR
REF*CO*RPON (LSR-51)*RPON
REF*1V*RORD (LSR-52)*RORD
REF*12*BAN1 (LSR-61)*BAN1
```

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
M	REF01	128	**Reference Identification Qualifier**	M ID 2/3
			Code qualifying the Reference Identification	
		11	Account Number	
			Number identifies a telecommunications industry account	
		12	Billing Account	
			Account number under which billing is rendered	
		1V	Related Vendor Order Number	
			A vendor's order number that is in addition to a primary order number	
		AO	Appointment Number	
		CO	Customer Order Number	
		JB	Job (Project) Number	
		SU	Special Processing Code	
			Unique code identifying the special handling requirements for the claim	
	REF02	127	**Reference Identification**	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
			AN (LSR-7) = Account Number	
			EAN (EU-40) = Existing Account Number	
			NAN (LSR-7a) = New Account Number	
			APT CON (LSR-15a) = Appointment Confirmation	
			PROJECT (LSR-20) = Project Identification	
			RTR (LSR-28) = Response Type Requested	
			RPON (LSR-51) = Related Purchase Order Number	
			RORD (LSR-52) = Related Order Number	

		BAN1 (LSR-61) = Billing Account Number 1		
REF03	**352**	**Description**	**X**	**AN 1/80**

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

"AN"
"EAN"
"NAN"
"RTR"
"RPON"
"RORD"
"BAN1"

Segment:	**PAM** Period Amount	
Position:	0950	
Loop:		
Level:	Heading	
Usage:	Optional	
Max Use:	10	
Purpose:	To indicate a quantity, and/or amount for an identified period	
Syntax Notes:	1	If any of PAM01 PAM02 or PAM03 is present, then all are required.
	2	At least one of PAM02 PAM05 or PAM14 is required.
	3	If either PAM04 or PAM05 is present, then the other is required.
	4	If either PAM06 or PAM07 is present, then the other is required.
	5	If PAM07 is present, then at least one of PAM08 or PAM09 is required.
	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*T5*LOCQTY(LSR-5)*EA	
	PAM*48*PG_of_(LSR-10)(1st 2 Bytes)*EA	
	PAM*47*PG_of_(LSR-10)(2nd 2 Bytes)*EA	
	PAM*KC*DQTY(EU-5)*EA	
	PAM*QO*RSQTY(RE-5)*EA	
	PAM*BH*DDQTY(DL-23)*EA	
	PAM*QU*HTQTY(LSR-6)*EA	

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
PAM01	673	**Quantity Qualifier**	X	ID 2/2
		Code specifying the type of quantity		
		47 Primary Net Quantity		
		48 Secondary Net Quantity		
		BH Book Order Quantity		
		KC Net Quantity Decrease		
		The resultant quantity represents a net decrease to a previously transmitted quantity, after adjustments have been made		
		QO Operating Quantity		
		QU Quantity Serviced		
		T5 Total Number of Units		
PAM02	380	**Quantity**	X	R 1/15
		Numeric value of quantity		
		LOCQTY (LSR-5) = Location Quantity		
		First 2 bytes of PG_of_ (LSR-10)		

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

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

Position:	1200
Loop:	SAC Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Syntax Notes:
1. At least one of SAC02 or SAC03 is required.
2. If either SAC03 or SAC04 is present, then the other is required.
3. If either SAC06 or SAC07 is present, then the other is required.
4. If either SAC09 or SAC10 is present, then the other is required.
5. If SAC11 is present, then SAC10 is required.
6. If SAC13 is present, then at least one of SAC02 or SAC04 is required.
7. If SAC14 is present, then SAC13 is required.
8. If SAC16 is present, then SAC15 is required.

Semantic Notes:
1. If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
2. SAC05 is the total amount for the service, promotion, allowance, or charge.
   If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
3. SAC08 is the allowance or charge rate per unit.
4. SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity.
   SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
5. SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
6. SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
7. SAC16 is used to identify the language being used in SAC15.

Comments:
1. SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction with SAC03 to further define SAC02.
2. 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. Des. Attributes	Data Element	Name		
M SAC01	248	Allowance or Charge Indicator	M	ID 1/1
		Code which indicates an allowance or charge for the service specified		

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

Segment: # DTM Date/Time Reference

Position:	1500
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	10
Purpose:	To specify pertinent dates and times
Syntax Notes:	**1** At least one of DTM02 DTM03 or DTM05 is required.
	2 If DTM04 is present, then DTM03 is required.
	3 If either DTM05 or DTM06 is present, then the other is required.
Semantic Notes:	
Comments:	

Notes:

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

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

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
M DTM01	374	**Date/Time Qualifier**	M	ID 3/3

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

097	Transaction Creation
150	Service Period Start
151	Service Period End
270	Date Filed
992	Date Requested

DTM02	373	**Date**	X	DT 8/8

Date expressed as CCYYMMDD

D/TSENT (LSR-12) = Date Sent
DDD (LSR-14) = Desired Due Date
DDDO (LSR-16) = Desired Due Date Out
DATED (LSR-36) = Date of Agency Authorization

DTM03	337	**Time**	X	TM 4/8

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

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

DTM05	1250	**Date Time Period Format Qualifier**	X	ID 2/3

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

RTM	Range of Time Expressed in Format HHMM-HHMM

A range of times expressed in the form HHMM-HHMM where HH is the numerical expression of hours in the day based on a twenty-four hour clock and MM is the numerical expression of minutes within an hour; the first occurrence of HHMM is the

	TM	starting time and the second is the ending time Time Expressed in Format HHMM		

Time expressed in the format HHMM where HH is the numerical expression of hours in the day based on a twenty-four hour clock and MM is the numerical expression of minutes within an hour

DTM06	**1251**	**Date Time Period**	**X**	**AN 1/35**

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

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

Segment: **SI** Service Characteristic Identification

Position:	1850
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	**1** If either SI04 or SI05 is present, then the other is required.
	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*RE*REQTYP (LSR-23)
	SI*TI*AA*ACT (LSR-24)
	SI*TI*LS*LSO (LSR-43)
	SI*TI*TY*TOS (LSR-44)
	SI*TI*IW*IWO (EU-36)

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	SI01	559	**Agency Qualifier Code**	M	ID 2/2

Code identifying the agency assigning the code values

    TI   Telecommunications Industry

M	SI02	1000	**Service Characteristics Qualifier**	M	AN 2/2

Code from an industry code list qualifying the type of service characteristics

    AA   Account Activity
    IW   Inside Wire Options
    LS   Local Serving Office
    RE   Requisition Type
    TY   Type of Service

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

Identifying number for a product or service

ACT (LSR-24) = Activity
  A=(DWS : N-New Installation)
  D=(DWS : D-Disconnect of Entire Account)
  C=(DWS : C-Change)
  V=(DWS : V-Conversion As Specified)
  SD=(DWS : L-Seasonal Suspend (not valid in WA or OR))
  RS=(DWS : B-Restore)
  T=(DWS : T-Outside Move(T/F))
  W=(DWS : W-Conversion As Is)
  Z=(DWS : Z-Conversion As Spec/No Listing)
  DN=(DWS : Y-Deny)

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

	Segment:	**PID** Product/Item Description		

Segment: **PID** Product/Item Description

Position:	1900
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	200
Purpose:	To describe a product or process in coded or free-form format

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

Semantic Notes:
1 Use PID03 to indicate the organization that publishes the code list being referred to.
2 PID04 should be used for industry-specific product description codes.
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*CONVIND***SO-RSQ*CONVIND (LSR-24a)
PID*S**TI*AO***SO-RSQ*AGAUTH (LSR-35)
PID*S**TI*BI***SO-RSQ*FBI (EU-42)
PID*S**TI*PENDING***SO-RSQ*PENDING ORDER (LSR-108b)

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
M PID01	349	**Item Description Type**	M	ID 1/1
		Code indicating the format of a description		
		S Structured (From Industry Code List)		
PID03	559	**Agency Qualifier Code**	X	ID 2/2
		Code identifying the agency assigning the code values		
		TI Telecommunications Industry		
PID04	751	**Product Description Code**	X	AN 1/12
		A code from an industry code list which provides specific data about a product characteristic		
		AO Agency Authorization Status		
		BI Final Bill Information Indicator		
		CONVIND Conversion Indicator		
		PENDING Pending Order		
PID07	822	**Source Subqualifier**	O	AN 1/15
		A reference that indicates the table or text maintained by the Source		

Qualifier

SO-RSQ   Service Order - Reseller Questions list

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

Code indicating a Yes or No condition or response

CONVIND (LSR-24a) = Conversion Indicator
  Y=(DWS : F-Full)
  N=(DWS : P-Partial)

FBI (EU-42) = Final Bill Information Indicator
  N=(DWS : E-Existing(Default))
  Y=(DWS : D-Different)

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

Segment: # N9 Reference Identification

Position:	2950
Loop:	N9 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To transmit identifying information as specified by the Reference Identification Qualifier
Syntax Notes:	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

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

Segment: # MTX Text

Position:	3000
Loop:	N9　　Optional
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To specify textual data
Syntax Notes:	1　If MTX01 is present, then MTX02 is required.
	2　If MTX03 is present, then MTX02 is required.
	3　If MTX05 is present, then MTX04 is required.
Semantic Notes:	1　MTX05 is the number of lines to advance before printing.
Comments:	1　If MTX04 is "AA - Advance the specific number of lines before print", then MTX05 is required.
Notes:	MTX**REMARKS (RE-60a)

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
MTX02	1551	**Message Text**	X	**AN 1/4096**
		To transmit large volumes of message text		
		REMARKS (RE-60a) = Remarks		

	Segment:	**N9** Reference Identification
	Position:	2950
	Loop:	N9 Optional
	Level:	Heading
	Usage:	Optional
	Max Use:	1
	Purpose:	To transmit identifying information as specified by the Reference Identification Qualifier
	Syntax Notes:	1 At least one of N902 or N903 is required.
		2 If N906 is present, then N905 is required.
		3 If either C04003 or C04004 is present, then the other is required.
		4 If either C04005 or C04006 is present, then the other is required.
	Semantic Notes:	1 N906 reflects the time zone which the time reflects.
		2 N907 contains data relating to the value cited in N902.
	Comments:	
	Notes:	N9*H7*ORI*LSR****2W>MANUAL IND (LSR-108a)

Data Element Summary

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

Segment:	**MTX** Text	
Position:	3000	
Loop:	N9 Optional	
Level:	Heading	
Usage:	Optional	
Max Use:	>1	
Purpose:	To specify textual data	
Syntax Notes:	1	If MTX01 is present, then MTX02 is required.
	2	If MTX03 is present, then MTX02 is required.
	3	If MTX05 is present, then MTX04 is required.
Semantic Notes:	1	MTX05 is the number of lines to advance before printing.
Comments:	1	If MTX04 is "AA - Advance the specific number of lines before print", then MTX05 is required.
Notes:	MTX**REMARKS (LSR-108)	

Data Element Summary

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

Segment: **MTX** Text

Position: 3000
Loop: N9   Optional
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To specify textual data
Syntax Notes: 1   If MTX01 is present, then MTX02 is required.
                2   If MTX03 is present, then MTX02 is required.
                3   If MTX05 is present, then MTX04 is required.
Semantic Notes: 1   MTX05 is the number of lines to advance before printing.
Comments: 1   If MTX04 is "AA - Advance the specific number of lines before print",
                   then MTX05 is required.
Notes: MTX**REMARKS (EU-63)

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
MTX02	1551	Message Text	X	AN 1/4096
		To transmit large volumes of message text		
		REMARKS (EU-63) = Remarks		

	Segment:	**N1** Name
	Position:	3100
	Loop:	N1 Optional
	Level:	Heading
	Usage:	Optional
	Max Use:	1
	Purpose:	To identify a party by type of organization, name, and code
	Syntax Notes:	**1** At least one of N102 or N103 is required.
		2 If either N103 or N104 is present, then the other is required.
	Semantic Notes:	
	Comments:	**1** This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
		2 N105 and N106 further define the type of entity in N101.
	Notes:	N1*78*CCNA (LSR-1)

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	**N101**	98	**Entity Identifier Code**	M	**ID 2/3**
			Code identifying an organizational entity, a physical location, property or an individual		
			78 Service Requester		
	N102	93	**Name**	X	**AN 1/60**
			Free-form name		
			CCNA (LSR-1) = Customer Carrier Name Abbreviation		

Segment: # PER Administrative Communications Contact

Position: 3600
Loop: N1　　Optional
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To identify a person or office to whom administrative communications should be directed
Syntax Notes:　1　If either PER03 or PER04 is present, then the other is required.
　　2　If either PER05 or PER06 is present, then the other is required.
　　3　If either PER07 or PER08 is present, then the other is required.
Semantic Notes:
Comments:
Notes:
PER*AG*INIT (LSR-81)*TE*TEL NO (LSR-82)*FX*FAX NO (LSR-84)*EM*EMAIL(LSR-83)
PER*CN*IMPCON (LSR-91)*TE*TEL NO (LSR-92)*BN*PAGER (LSR-93)
PER*AL*ALT IMPCON (LSR-94)*TE*TEL NO (LSR-95)*BN*PAGER (LSR-96)

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
M　PER01	366	**Contact Function Code**	M	ID 2/2

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

AG	Agent
AL	Alternate Contact
	Person to be contacted when the main contact is not available
CN	General Contact

PER02	93	**Name**	O	AN 1/60

Free-form name

INIT (LSR-81) = Initiator Identification
IMPCON (LSR-91) = Implementation Contact
ALT IMPCON (LSR-94) = Alternate Implementation Contact

PER03	365	**Communication Number Qualifier**	X	ID 2/2

Code identifying the type of communication number

TE	Telephone

PER04	364	**Communication Number**	X	AN 1/256

Complete communications number including country or area code when applicable

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

PER05	365	**Communication Number Qualifier**	X	ID 2/2

Code identifying the type of communication number

BN	Beeper Number
FX	Facsimile

PER06	364	**Communication Number**	X	AN 1/256

Complete communications number including country or area code when applicable

FAX NO (LSR-84) = Facsimile Number
PAGER (LSR-93) = Pager Number
PAGER (LSR-96) = Pager Number

PER07	**365**	**Communication Number Qualifier**	**X**	**ID 2/2**

Code identifying the type of communication number

EM	Electronic Mail

PER08	**364**	**Communication Number**	**X**	**AN 1/256**

Complete communications number including country or area code when applicable

EMAIL (LSR-83) = Electronic Mail Address

	Segment:	**N1** Name

Position:	3100
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
	2 N105 and N106 further define the type of entity in N101.
Notes:	N1*AN*AUTHNM (LSR-37)

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	N101	98	**Entity Identifier Code**	M	ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual		
			AN Authorized From		
			A geographic location designated as an authorized pick-up or origin point for a shipment		
	N102	93	**Name**	X	AN 1/60
			Free-form name		
			AUTHNM (LSR-37) = Authorization Name		

				Segment:	**N1** 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:	**1** This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
	2 N105 and N106 further define the type of entity in N101.
Notes:	N1*X1*BILLNM (EU-43)

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	N101	98	**Entity Identifier Code**	M	**ID 2/3**
			Code identifying an organizational entity, a physical location, property or an individual		
			X1 Mail to		
			An address to which a specified item is to be mailed		
	N102	93	**Name**	X	**AN 1/60**
			Free-form name		
			BILLNM (EU-43) = Bill Name		

Segment: **N2** Additional Name Information

Position:	3200
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	2
Purpose:	To specify additional names
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	N2*SBILLNM (EU-44)

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	N201	93	**Name**	M	**AN 1/60**
			Free-form name		
			SBILLNM (EU-44) = Secondary Bill Name		

Segment:	**N4** Geographic Location	

Position:	3400
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To specify the geographic place of the named party
Syntax Notes:	1 Only one of N402 or N407 may be present.
	2 If N406 is present, then N405 is required.
	3 If N407 is present, then N404 is required.
Semantic Notes:	
Comments:	1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
	2 N402 is required only if city name (N401) is in the U.S. or Canada.
Notes:	N4**STATE (EU-49)*ZIP (EU-50)

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
N402	156	**State or Province Code**	X	ID 2/2
		Code (Standard State/Province) as defined by appropriate government agency		
		STATE (EU-49) = State/Province		
N403	116	**Postal Code**	O	ID 3/15
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)		
		ZIP (EU-50) = ZIP/Postal Code		

			Segment:	**NX2** Location ID Component		

Position: 3450
Loop: N1   Optional
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To define types and values of a geographic location
Syntax Notes:
Semantic Notes:
Comments:
Notes:
> NX2*01*SANO (EU-45b)
> NX2*02*SASN (EU-45e)
> NX2*03*SASD (EU-45d)
> NX2*07*CITY (EU-48)
> NX2*32*FLOOR (EU-46)
> NX2*35*ROOM/MAIL STOP (EU-47)
> NX2*40*SASS (EU-45g)
> NX2*59*SAPR (EU-45a)
> NX2*61*SASF (EU-45c)
> NX2*62*SATH (EU-45f)

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
M NX201	1106	**Address Component Qualifier**	M	ID 2/2
		Code qualifying the type of address component		
		01	Street Number	
		02	Street Name	
		03	Prefix Direction	
		07	City Name	
		32	Floor	
			A particular floor or level of a building	
		35	Room	
			A walled room or partitioned area of a building	
		40	Street Suffix	
		59	Street Number Low	
		61	Street Number Fraction	
		62	Street Name Suffix	
M NX202	166	**Address Information**	M	AN 1/55
		Address information		

> SANO (EU-45b) = Service Address Number
> SASN (EU-45e) = Service Address Street Name
> SASD (EU-45d) = Service Address Street Directional Prefix
> CITY (EU-48) = City
> FLOOR (EU-46) = Floor
> ROOM/MAIL STOP (EU-47) = Room/Mail Stop
> SASS (EU-45g) = Service Address Street Directional Suffix
> SAPR (EU-45a) = Service Address Number Prefix
> SASF (EU-45c) = Service Address Number Suffix
> SATH (EU-45f) = Service Address Street Type

Segment: **SI** Service Characteristic Identification

Position:	3650
Loop:	N1　　Optional
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	**1**　If either SI04 or SI05 is present, then the other is required.
	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-44a)

Data Element Summary

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

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

Position:	0100
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Mandatory
Max Use:	1
Purpose:	To specify basic and most frequently used line item data
Syntax Notes:	**1** If PO103 is present, then PO102 is required.
	2 If PO105 is present, then PO104 is required.
	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.
	10 If either PO120 or PO121 is present, then the other is required.
	11 If either PO122 or PO123 is present, then the other is required.
	12 If either PO124 or PO125 is present, then the other is required.
Semantic Notes:	
Comments:	**1** See the Data Element Dictionary for a complete list of IDs.
	2 PO101 is the line item identification.
	3 PO106 through PO125 provide for ten different product/service IDs per each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.
Notes:	PO1*n*1*EA***ZZ*EU_SA [PO1 Loop may repeat]

Data Element Summary

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

	Segment:	**SI** Service Characteristic Identification

Position: 0180
Loop: PO1   Mandatory
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify service characteristic data
Syntax Notes:
1. If either SI04 or SI05 is present, then the other is required.
2. If either SI06 or SI07 is present, then the other is required.
3. If either SI08 or SI09 is present, then the other is required.
4. If either SI10 or SI11 is present, then the other is required.
5. If either SI12 or SI13 is present, then the other is required.
6. If either SI14 or SI15 is present, then the other is required.
7. If either SI16 or SI17 is present, then the other is required.
8. If either SI18 or SI19 is present, then the other is required.
9. If either SI20 or SI21 is present, then the other is required.

Semantic Notes:
Comments:
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)

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	SI01	559	**Agency Qualifier Code**	M	**ID 2/2**
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
M	SI02	1000	**Service Characteristics Qualifier**	M	**AN 2/2**
			Code from an industry code list qualifying the type of service characteristics		
			OP Working Service on Premises		
M	SI03	234	**Product/Service ID**	M	**AN 1/48**
			Identifying number for a product or service		
			WSOP (EU-31) = Working Service on Premises		
	SI04	1000	**Service Characteristics Qualifier**	X	**AN 2/2**
			Code from an industry code list qualifying the type of service characteristics		
			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 Telephone Number		

	Segment:	**PID** Product/Item Description		

Position: 0500
Loop: PID Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To describe a product or process in coded or free-form format
Syntax Notes:
1 If PID04 is present, then PID03 is required.
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*ANV***SO-RSQ*ANV (EU-8a)

Data Element Summary

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

	Segment:	**REF** Reference Identification

Position: 1000
Loop: PO1   Mandatory
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify identifying information
Syntax Notes:
  1 At least one of REF02 or REF03 is required.
  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*IX*LOCNUM (EU-7)*LOCNUM

Data Element Summary

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

	Segment:	**N9** Reference Identification

Position:	3300	
Loop:	N9	Optional
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To transmit identifying information as specified by the Reference Identification Qualifier	
Syntax Notes:	1	At least one of N902 or N903 is required.
	2	If N906 is present, then N905 is required.
	3	If either C04003 or C04004 is present, then the other is required.
	4	If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1	N906 reflects the time zone which the time reflects.
	2	N907 contains data relating to the value cited in N902.
Comments:		
Notes:	N9*L1*ACC*EU	

Data Element Summary

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

Segment: # MTX Text

Position:	3400
Loop:	N9 Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify textual data
Syntax Notes:	1 If MTX01 is present, then MTX02 is required.
	2 If MTX03 is present, then MTX02 is required.
	3 If MTX05 is present, then MTX04 is required.
Semantic Notes:	1 MTX05 is the number of lines to advance before printing.
Comments:	1 If MTX04 is "AA - Advance the specific number of lines before print", then MTX05 is required.
Notes:	MTX**ACC (EU-30)

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
MTX02	1551	Message Text	X	AN 1/4096
		To transmit large volumes of message text		
		ACC (EU-30) = Access Information		

Segment:		**N1** Name			
Position:		3500			
Loop:		N1	Optional		
Level:		Detail			
Usage:		Optional			
Max Use:		1			
Purpose:		To identify a party by type of organization, name, and code			
Syntax Notes:		**1**	At least one of N102 or N103 is required.		
		2	If either N103 or N104 is present, then the other is required.		
Semantic Notes:					
Comments:		**1**	This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.		
		2	N105 and N106 further define the type of entity in N101.		
Notes:		N1*IT*NAME (EU-8)			

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	N101	98	**Entity Identifier Code**	M	**ID 2/3**
			Code identifying an organizational entity, a physical location, property or an individual		
			IT Installation on Site		
	N102	93	**Name**	X	**AN 1/60**
			Free-form name		
			NAME (EU-8) = End User Name		

Segment:	**N4** Geographic Location		

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

Data Element Summary

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

Segment: # NX2 Location ID Component

Position: 3850
Loop: N1   Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To define types and values of a geographic location
Syntax Notes:
Semantic Notes:
Comments:
Notes:
NX2*01*SANO (EU-11)
NX2*02*SASN (EU-14)
NX2*03*SASD (EU-13)
NX2*05*BOX (EU-23c)
NX2*06*ROUTE (EU-23b)
NX2*07*CITY (EU-24)
NX2*39*AHN (EU-23a)
NX2*40*SASS (EU-16)
NX2*59*SAPR (EU-10)
NX2*61*SASF (EU-12)
NX2*62*SATH (EU-15)
NX2*LD1 (EU-17)*LV1 (EU-18)
NX2*LD2 (EU-19)*LV2 (EU-20)
NX2*LD3 (EU-21)*LV3 (EU-22)

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	NX201	1106	**Address Component Qualifier**	M	ID 2/2

Code qualifying the type of address component

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

LD2 (EU-19) = Location Designator 2
  32=(DWS : FLR)

LD3 (EU-21) = Location Designator 3
  12=(DWS : BLDG)
  63=(DWS : WNG)
  30=(DWS : PIER)

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

		13	Apartment Number		
		14	Suite Number		
		30	Pier		
			The pier at which a ship or boat is docked		
		32	Floor		
			A particular floor or level of a building		
		34	Lot		
			A particular lot or piece of land		
		35	Room		
			A walled room or partitioned area of a building		
		36	Slip		
			The slip or location on a pier at which a ship or boat is docked		
		37	Unit		
			A unit or separate structure		
		39	Unstructured Property		
		40	Street Suffix		
		59	Street Number Low		
		61	Street Number Fraction		
		62	Street Name Suffix		
		63	Secondary Unit Identifier		
M	**NX202**	**166**	**Address Information**	**M**	**AN 1/55**

Address information

SANO (EU-11) = Service Address Number
SASN (EU-14) = Service Address Street Name
SASD (EU-13) = Service Address Street Directional Prefix
BOX (EU-23c) = Box
ROUTE (EU-23b) = Route
CITY (EU-24) = City
AHN (EU-23a) = Assigned House Number
SASS (EU-16) = Service Address Street Directional Suffix
SAPR (EU-10) = Service Address Number Prefix
SASF (EU-12) = Service Address Number Suffix
SATH (EU-15) = Service Address Street Type
LV1 (EU-18) = Location Value 1
LV2 (EU-20) = Location Value 2
LV3 (EU-22) = Location Value 3

Segment: # PER Administrative Communications Contact

Position:	4000
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	3
Purpose:	To identify a person or office to whom administrative communications should be directed
Syntax Notes:	1 If either PER03 or PER04 is present, then the other is required.
	2 If either PER05 or PER06 is present, then the other is required.
	3 If either PER07 or PER08 is present, then the other is required.
Semantic Notes:	
Comments:	
Notes:	PER*CA*LCON (EU-27)*TE*TEL NO (EU-28)

Data Element Summary

Ref. Des. Attributes		Data Element	Name		
M	PER01	366	**Contact Function Code**	M	**ID 2/2**
			Code identifying the major duty or responsibility of the person or group named		
			CA Customer Contact Granting Appointment		
	PER02	93	**Name**	O	**AN 1/60**
			Free-form name		
			LCON (EU-27) = Local Contact		
	PER03	365	**Communication Number Qualifier**	X	**ID 2/2**
			Code identifying the type of communication number		
			TE Telephone		
	PER04	364	**Communication Number**	X	**AN 1/256**
			Complete communications number including country or area code when applicable		
			TEL NO (EU-28) = Telephone Number		

	Segment:	**SI** Service Characteristic Identification
	Position:	4050
	Loop:	N1 Optional
	Level:	Detail
	Usage:	Optional
	Max Use:	>1
	Purpose:	To specify service characteristic data
	Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.
		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)

Data Element Summary

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

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

Information Section)

Position:	0100
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Mandatory
Max Use:	1
Purpose:	To specify basic and most frequently used line item data
Syntax Notes:	**1** If PO103 is present, then PO102 is required.
	2 If PO105 is present, then PO104 is required.
	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.
	10 If either PO120 or PO121 is present, then the other is required.
	11 If either PO122 or PO123 is present, then the other is required.
	12 If either PO124 or PO125 is present, then the other is required.
Semantic Notes:	
Comments:	**1** See the Data Element Dictionary for a complete list of IDs.
	2 PO101 is the line item identification.
	3 PO106 through PO125 provide for ten different product/service IDs per each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.
Notes:	PO1*n*1*EA***ZZ*EU_DISC [PO1 Loop may repeat]

Data Element Summary

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

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	SI01	559	**Agency Qualifier Code**	M	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
M	SI02	1000	**Service Characteristics Qualifier**	M	AN 2/2
			Code from an industry code list qualifying the type of service characteristics		
			ND Disconnect Number		
			T6 Transfer of Calls Options		
M	SI03	234	**Product/Service ID**	M	AN 1/48
			Identifying number for a product or service		
			DISC NBR (EU-55) = Disconnect Telephone Number		
			TC OPT (EU-57) = Transfer of Call Options		

Segment:	**REF** Reference Identification		

Position: 1000
Loop: PO1   Mandatory
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify identifying information
Syntax Notes: 1   At least one of REF02 or REF03 is required.
         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*IX*DNUM (EU-54)*DNUM

Data Element Summary

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

Segment: # DTM **Date/Time Reference**

Position:	2100
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	10
Purpose:	To specify pertinent dates and times
Syntax Notes:	1 At least one of DTM02 DTM03 or DTM05 is required.
	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*376*TC PER{CCYYMMDD} (EU-62)

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
M **DTM01**	**374**	**Date/Time Qualifier**	**M**	**ID 3/3**
		Code specifying type of date or time, or both date and time		
		376 Delivery End		
		The date that deliveries will end		
DTM02	**373**	**Date**	**X**	**DT 8/8**
		Date expressed as CCYYMMDD		
		TC PER (EU-62) = Transfer of Calls Period		

Segment: # SLN Subline Item Detail

Position:	4700
Loop:	SLN Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify product subline detail item data

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

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

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

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

Data Element Summary

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

		1	Always One		
SLN05	**C001**		**Composite Unit of Measure**	**X**	

To identify a composite unit of measure (See Figures Appendix for examples of use)

M	**C00101**	**355**	**Unit or Basis for Measurement Code**	**M**	**ID 2/2**

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

    EA   Each

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*TC*TC TO PRI (EU-58)

Data Element Summary

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

	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-58b)

Data Element Summary

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

Segment: # REF **Reference Identification**

Position: 5800
Loop: N1   Optional
Level: Detail
Usage: Optional
Max Use: 12
Purpose: To specify identifying information
Syntax Notes: 1   At least one of REF02 or REF03 is required.
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*55*TCID (EU-58a)*PRI

Data Element Summary

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

Segment: # SLN Subline Item Detail

Position:	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.
9. If either SLN19 or SLN20 is present, then the other is required.
10. If either SLN21 or SLN22 is present, then the other is required.
11. If either SLN23 or SLN24 is present, then the other is required.
12. If either SLN25 or SLN26 is present, then the other is required.
13. If either SLN27 or SLN28 is present, then the other is required.

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

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

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

Data Element Summary

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

			1	Always One		
	SLN05	**C001**		**Composite Unit of Measure**	**X**	

To identify a composite unit of measure (See Figures Appendix for examples of use)

M		**C00101**	**355**	**Unit or Basis for Measurement Code**	**M**	**ID 2/2**

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

> EA   Each

	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*TC*TC TO SEC (EU-59)

Data Element Summary

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

	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)

Data Element Summary

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

Segment:		**REF** Reference Identification			

Position: 5800
Loop: N1 Optional
Level: Detail
Usage: Optional
Max Use: 12
Purpose: To specify identifying information
Syntax Notes:
1 At least one of REF02 or REF03 is required.
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*55*TCID (EU-60)*SEC

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	REF01	128	**Reference Identification Qualifier**	M	ID 2/3
			Code qualifying the Reference Identification		
			55 Sequence Number		
	REF02	127	**Reference Identification**	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
			TCID (EU-60) = Transfer of Calls To Identifier		
	REF03	352	**Description**	X	AN 1/80
			A free-form description to clarify the related data elements and their content		
			"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.
	10 If either PO120 or PO121 is present, then the other is required.
	11 If either PO122 or PO123 is present, then the other is required.
	12 If either PO124 or PO125 is present, then the other is required.
Semantic Notes:	
Comments:	1 See the Data Element Dictionary for a complete list of IDs.
	2 PO101 is the line item identification.
	3 PO106 through PO125 provide for ten different product/service IDs per each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.
Notes:	PO1*n*1*EA***ZZ*RE [PO1 Loop repeats RSQTY (RE-5) times]

Data Element Summary

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

Segment:		**SI** Service Characteristic Identification			

Position: 0180
Loop: PO1   Mandatory
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify service characteristic data
Syntax Notes:
  1   If either SI04 or SI05 is present, then the other is required.
  2   If either SI06 or SI07 is present, then the other is required.
  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*NQ*NPI (RE-11)
SI*TI*SA*LNA (RE-12)
SI*TI*TN*TNS (RE-15)
SI*TI*OT*OTN (RE-19)
SI*TI*T6*TC OPT (RE-35)
SI*TI*SY*SSIG (RE-51)
SI*TI*PE*PULSE (RE-52)
SI*TI*TQ*TLI (RE-18a)
SI*TI*T5*TERS (RE-18)
SI*TI*LZ*LSCP (RE-53)

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	SI01	559	**Agency Qualifier Code**	M	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
M	SI02	1000	**Service Characteristics Qualifier**	M	AN 2/2
			Code from an industry code list qualifying the type of service characteristics		
			LZ Freeze Local Service Provider		
			NQ Number Portability Indicator		
			OT Out Telephone Number		
			PE Pulse Type		
			SA Service Activity		
			SY Start Signaling		
			T5 Terminal Number		
			T6 Transfer of Calls Options		
			TN Telephone Number		
			TQ Telephone Line Identifier		
M	SI03	234	**Product/Service ID**	M	AN 1/48
			Identifying number for a product or service		

LNA (RE-12) = Line Activity
  CT=(DWS : X-TN Change)
  C=(DWS : C-Change)
  A=(DWS : N-New)
  D=(DWS : D-Disconnect)
  V=(DWS : V-Conversion of Service As Specified)
  P=(DWS : P-PIC Change)
  L=(DWS : L-Seasonal Suspend)
  W=(DWS : W-Conversion As Is)

NPI (RE-11) = Number Portability Indicator
TNS (RE-15) = Telephone Numbers
OTN (RE-19) = Out Telephone Number
TC OPT (RE-35) = Transfer of Call Options
SSIG (RE-51) = Start Signaling
PULSE (RE-52) = Type of Pulsing
TLI (RE-18a) = Telephone Line Identifier
TERS (RE-18) = Terminal Numbers
LSCP (RE-53) = Local Service Provider Change Prohibited

Segment:	**PID** Product/Item Description					

Position:	0500
Loop:	PID Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To describe a product or process in coded or free-form format
Syntax Notes:	**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)

Data Element Summary

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

Segment:	**REF** Reference Identification				

Position:	1000
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify identifying information
Syntax Notes:	1 At least one of REF02 or REF03 is required.
	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*IX*LNUM (RE-9)*LNUM
	REF*GP*TSP (RE-25)
	REF*AE*SAN (RE-26)

Data Element Summary

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

	Segment:	**DTM** Date/Time Reference

Position: 2100
Loop: PO1   Mandatory
Level: Detail
Usage: Optional
Max Use: 10
Purpose: To specify pertinent dates and times
Syntax Notes:
1   At least one of DTM02 DTM03 or DTM05 is required.
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*376*TC PER{CCYYMMDD} (RE-40)

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
M DTM01	374	**Date/Time Qualifier**	M	ID 3/3
		Code specifying type of date or time, or both date and time		
		376 Delivery End		
		The date that deliveries will end		
DTM02	373	**Date**	X	DT 8/8
		Date expressed as CCYYMMDD		
		TC PER (RE-40) = Transfer of Calls Period		

Segment:		**N1** Name				

Position:	3500
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	**1** At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	**1** This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
	2 N105 and N106 further define the type of entity in N101.
Notes:	N1*P9**41*PIC (RE-30)

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
M				
N101	98	**Entity Identifier Code**	M	ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual		
		P9 Primary Interexchange Carrier (PIC)		
		Identifies the carrier who will handle the interexchange calls		
N103	66	**Identification Code Qualifier**	X	ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)		
		41 Telecommunications Carrier Identification Code		
		Identifies the Interexchange carrier for the charges being billed		
N104	67	**Identification Code**	X	AN 2/80
		Code identifying a party or other code		
		PIC (RE-30) = InterLATA Pre-subscription Indicator Code		

	Segment:	**N1** Name			
	Position:	3500			
	Loop:	N1 Optional			
	Level:	Detail			
	Usage:	Optional			
	Max Use:	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*8V**41*LPIC (RE-31)			

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	**N101**	98	**Entity Identifier Code**	M	ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual		
			8V Primary Intra-LATA (Local Access Transport Area) Carrier		
	N103	66	**Identification Code Qualifier**	X	ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)		
			41 Telecommunications Carrier Identification Code		
			Identifies the Interexchange carrier for the charges being billed		
	N104	67	**Identification Code**	X	AN 2/80
			Code identifying a party or other code		
			LPIC (RE-31) = IntraLATA Pre-subscription Indicator Code		

Segment: # SLN Subline Item Detail

Position:	4700
Loop:	SLN Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify product subline detail item data

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

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

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

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

Data Element Summary

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

			1	Always One		
	SLN05	**C001**		**Composite Unit of Measure**	**X**	

To identify a composite unit of measure (See Figures Appendix for examples of use)

M	**C00101**	**355**	**Unit or Basis for Measurement Code**	**M**	**ID 2/2**

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

    EA   Each

	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*TC*TC TO PRI (RE-38)

Data Element Summary

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

		Segment:	**N1** Name

Segment: **N1** Name

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

Data Element Summary

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

	Segment:	**REF** Reference Identification

Position: 5800
Loop: N1   Optional
Level: Detail
Usage: Optional
Max Use: 12
Purpose: To specify identifying information
Syntax Notes: 1   At least one of REF02 or REF03 is required.
      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*55*TCID (RE-38a)*PRI

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	REF01	128	**Reference Identification Qualifier**	M	**ID 2/3**
			Code qualifying the Reference Identification		
			55 Sequence Number		
	REF02	127	**Reference Identification**	X	**AN 1/30**
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
			TCID (RE-38a) = Transfer of Calls to Identifier		
	REF03	352	**Description**	X	**AN 1/80**
			A free-form description to clarify the related data elements and their content		
			"PRI"		

Segment: # SLN Subline Item Detail

Position: 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.
9 If either SLN19 or SLN20 is present, then the other is required.
10 If either SLN21 or SLN22 is present, then the other is required.
11 If either SLN23 or SLN24 is present, then the other is required.
12 If either SLN25 or SLN26 is present, then the other is required.
13 If either SLN27 or SLN28 is present, then the other is required.

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

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

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

Data Element Summary

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

		1	Always One		
	SLN05	**C001**	**Composite Unit of Measure**	**X**	

To identify a composite unit of measure (See Figures Appendix for examples of use)

M	**C00101**	**355**	**Unit or Basis for Measurement Code**	**M**	**ID 2/2**

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

    EA   Each

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*TC*TC TO SEC (RE-39)

Data Element Summary

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

Segment:		**N1** Name			
Position:		5350			
Loop:		N1	Optional		
Level:		Detail			
Usage:		Optional			
Max Use:		1			
Purpose:		To identify a party by type of organization, name, and code			
Syntax Notes:		1	At least one of N102 or N103 is required.		
		2	If either N103 or N104 is present, then the other is required.		
Semantic Notes:					
Comments:		1	This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.		
		2	N105 and N106 further define the type of entity in N101.		
Notes:		N1*TT*TC NAME (RE-42)			

Data Element Summary

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

Segment:	**REF** Reference Identification		

Position: 5800
Loop: N1   Optional
Level: Detail
Usage: Optional
Max Use: 12
Purpose: To specify identifying information
Syntax Notes: 1   At least one of REF02 or REF03 is required.
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*55*TCID (RE-41)*SEC

Data Element Summary

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

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.
9. If either SLN19 or SLN20 is present, then the other is required.
10. If either SLN21 or SLN22 is present, then the other is required.
11. If either SLN23 or SLN24 is present, then the other is required.
12. If either SLN25 or SLN26 is present, then the other is required.
13. If either SLN27 or SLN28 is present, then the other is required.

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

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

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

Data Element Summary

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

Numeric value of quantity

			IWJQ (RE-49) = Inside Wire Jack Quantity		
	SLN05	**C001**	**Composite Unit of Measure**	**X**	

To identify a composite unit of measure (See Figures Appendix for examples of use)

M	**C00101**	**355**	**Unit or Basis for Measurement Code**	**M**	**ID 2/2**

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken
    EA   Each

	SLN09	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)
    EQ   Equipment Type

	SLN10	**234**	**Product/Service ID**	**X**	**AN 1/48**

Identifying number for a product or service

IWJK (RE-48) = Inside Wire Jack Code

Segment: # SLN Subline Item Detail

Position: 4700
Loop: SLN   Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify product subline detail item data
Syntax Notes:
1   If either SLN04 or SLN05 is present, then the other is required.
2   If SLN07 is present, then SLN06 is required.
3   If SLN08 is present, then SLN06 is required.
4   If either SLN09 or SLN10 is present, then the other is required.
5   If either SLN11 or SLN12 is present, then the other is required.
6   If either SLN13 or SLN14 is present, then the other is required.
7   If either SLN15 or SLN16 is present, then the other is required.
8   If either SLN17 or SLN18 is present, then the other is required.
9   If either SLN19 or SLN20 is present, then the other is required.
10 If either SLN21 or SLN22 is present, then the other is required.
11 If either SLN23 or SLN24 is present, then the other is required.
12 If either SLN25 or SLN26 is present, then the other is required.
13 If either SLN27 or SLN28 is present, then the other is required.

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

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

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

Data Element Summary

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

			1	Always One		
	SLN05	**C001**	**Composite Unit of Measure**		**X**	

To identify a composite unit of measure (See Figures Appendix for examples of use)

M	**C00101**	**355**	**Unit or Basis for Measurement Code**	**M**	**ID 2/2**

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

   EA   Each

	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)

Data Element Summary

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

Segment: **SLN** Subline Item Detail

Position:	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.
9. If either SLN19 or SLN20 is present, then the other is required.
10. If either SLN21 or SLN22 is present, then the other is required.
11. If either SLN23 or SLN24 is present, then the other is required.
12. If either SLN25 or SLN26 is present, then the other is required.
13. If either SLN27 or SLN28 is present, then the other is required.

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

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

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

Data Element Summary

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

		1	Always One		
SLN05	**C001**	**Composite Unit of Measure**		**X**	

To identify a composite unit of measure (See Figures Appendix for examples of use)

| **M** | **C00101** | **355** | **Unit or Basis for Measurement Code** | **M** | **ID 2/2** |

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

EA   Each

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*SA*FA (RE-58)*SC*FEATURE (RE-59)
	SI*TI*FD*FEATURE DETAIL (RE-60) [SI Segment may repeat]

Data Element Summary

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

	Segment:	**PO1** Baseline Item Data - Regular Hunting

Position: 0100
Loop: PO1   Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To specify basic and most frequently used line item data
Syntax Notes:
  1 If PO103 is present, then PO102 is required.
  2 If PO105 is present, then PO104 is required.
  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.
  10 If either PO120 or PO121 is present, then the other is required.
  11 If either PO122 or PO123 is present, then the other is required.
  12 If either PO124 or PO125 is present, then the other is required.

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

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

Data Element Summary

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

Segment: # SI Service Characteristic Identification

Position: 0180
Loop: PO1   Mandatory
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify service characteristic data
Syntax Notes:
1 If either SI04 or SI05 is present, then the other is required.
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*SA*HA (LSR-112)
SI*TI*SG*HID (LSR-113)
SI*TI*SF*HNTYP (LSR-116)

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	SI01	559	**Agency Qualifier Code**	M	ID 2/2

Code identifying the agency assigning the code values

    TI   Telecommunications Industry

M	SI02	1000	**Service Characteristics Qualifier**	M	AN 2/2

Code from an industry code list qualifying the type of service characteristics

    SA   Service Activity
    SF   Service Feature/Option
    SG   Service Group

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

Identifying number for a product or service

HA (LSR-112) = Hunt Group Activity
    A = (DWS: N-New)
    C = (DWS: C-Change)
    D = (DWS: D-Remove)
    V = (DWS: V-Conversion As Specified)

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

HID (LSR-113) = Hunt Group Identifier

Segment: **REF** Reference Identification

Position: 1000
Loop: PO1   Mandatory
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify identifying information
Syntax Notes: 1   At least one of REF02 or REF03 is required.
       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*IX*HNUM (LSR-110)*HNUM
REF*IX*LOCNUM (LSR-109)*LOCNUM

Data Element Summary

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

Segment: # SLN Subline Item Detail

Position:	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.
	9 If either SLN19 or SLN20 is present, then the other is required.
	10 If either SLN21 or SLN22 is present, then the other is required.
	11 If either SLN23 or SLN24 is present, then the other is required.
	12 If either SLN25 or SLN26 is present, then the other is required.
	13 If either SLN27 or SLN28 is present, then the other is required.
Semantic Notes:	1 SLN01 is the identifying number for the subline item.
	2 SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials.
	3 SLN03 is the configuration code indicating the relationship of the subline item to the baseline item.
	4 SLN08 is a code indicating the relationship of the price or amount to the associated segment.
Comments:	1 See the Data Element Dictionary for a complete list of IDs.
	2 SLN01 is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1.
	3 SLN09 through SLN28 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.
Notes:	SLN*HNT*n*A*1*EA

Data Element Summary

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

		1	Always One		
SLN05	**C001**		**Composite Unit of Measure**	**X**	

To identify a composite unit of measure (See Figures Appendix for examples of use)

M	**C00101**	**355**	**Unit or Basis for Measurement Code**	**M**	**ID 2/2**

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

   EA   Each

Segment:	**N9** Reference Identification

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

Data Element Summary

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

Segment: # MTX Text

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

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
MTX02	1551	Message Text	X	AN 1/4096
		To transmit large volumes of message text		
		HTSEQ (LSR-118) = Hunting Sequence		

Segment:	**PO1** Baseline Item Data - Multi-Line Hunting

Position: 0100
Loop: PO1   Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To specify basic and most frequently used line item data
Syntax Notes:
1 If PO103 is present, then PO102 is required.
2 If PO105 is present, then PO104 is required.
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.
10 If either PO120 or PO121 is present, then the other is required.
11 If either PO122 or PO123 is present, then the other is required.
12 If either PO124 or PO125 is present, then the other is required.

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

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

Data Element Summary

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

Segment: # SI Service Characteristic Identification

Position:	0180
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data

Syntax Notes:
1. If either SI04 or SI05 is present, then the other is required.
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*SA*HA (LSR-112)
SI*TI*SG*HID (LSR-113)
SI*TI*SF*HNTYP (LSR-116)
SI*TI*TQ*TLI (LSR-115)

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	SI01	559	**Agency Qualifier Code**	M	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
M	SI02	1000	**Service Characteristics Qualifier**	M	AN 2/2
			Code from an industry code list qualifying the type of service characteristics		
			SA Service Activity		
			SF Service Feature/Option		
			SG Service Group		
			TQ Telephone Line Identifier		
M	SI03	234	**Product/Service ID**	M	AN 1/48
			Identifying number for a product or service		

HA (LSR-112) = Hunt Group Activity
  A = (DWS: N-New)
  C = (DWS: C-Change)
  D = (DWS: D-Remove)
  V = (DWS: V-Conversion As Specified)

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

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

| | | | Segment: | **REF** Reference Identification | | | |

Segment: **REF** Reference Identification

Position:	1000
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify identifying information
Syntax Notes:	**1** At least one of REF02 or REF03 is required.
	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*IX*HNUM (LSR-110)*HNUM
	REF*IX*LOCNUM (LSR-109)*LOCNUM

Data Element Summary

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

Segment: # SLN Subline Item Detail

Position:	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.
9 If either SLN19 or SLN20 is present, then the other is required.
10 If either SLN21 or SLN22 is present, then the other is required.
11 If either SLN23 or SLN24 is present, then the other is required.
12 If either SLN25 or SLN26 is present, then the other is required.
13 If either SLN27 or SLN28 is present, then the other is required.

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

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

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

Data Element Summary

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

			1	Always One		
	SLN05	**C001**	**Composite Unit of Measure**		**X**	

To identify a composite unit of measure (See Figures Appendix for examples of use)

M	**C00101**	**355**	**Unit or Basis for Measurement Code**	**M**	**ID 2/2**

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

   EA   Each

				Segment:	**N9** Reference Identification

Segment: **N9** Reference Identification

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

Data Element Summary

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

Segment: **MTX** Text

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

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
MTX02	1551	Message Text	X	AN 1/4096
		To transmit large volumes of message text		
		HTSEQ (LSR-118) = Hunting Sequence		

	Segment:	**PO1** **Baseline Item Data - DL Form (Delivery Address/Information Section)**

Position:	0100
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Mandatory
Max Use:	1
Purpose:	To specify basic and most frequently used line item data
Syntax Notes:	**1** If PO103 is present, then PO102 is required.
	2 If PO105 is present, then PO104 is required.
	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.
	10 If either PO120 or PO121 is present, then the other is required.
	11 If either PO122 or PO123 is present, then the other is required.
	12 If either PO124 or PO125 is present, then the other is required.
Semantic Notes:	
Comments:	**1** See the Data Element Dictionary for a complete list of IDs.
	2 PO101 is the line item identification.
	3 PO106 through PO125 provide for ten different product/service IDs per each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.
Notes:	PO1*n*1*EA***ZZ*DA [PO1 Loop repeats DDQTY (DL-23) times]

Data Element Summary

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

	Segment:	**SI** Service Characteristic Identification

Position: 0180
Loop: PO1   Mandatory
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify service characteristic data
Syntax Notes:
  1 If either SI04 or SI05 is present, then the other is required.
  2 If either SI06 or SI07 is present, then the other is required.
  3 If either SI08 or SI09 is present, then the other is required.
  4 If either SI10 or SI11 is present, then the other is required.
  5 If either SI12 or SI13 is present, then the other is required.
  6 If either SI14 or SI15 is present, then the other is required.
  7 If either SI16 or SI17 is present, then the other is required.
  8 If either SI18 or SI19 is present, then the other is required.
  9 If either SI20 or SI21 is present, then the other is required.

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

Data Element Summary

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

Segment:	**QTY** Quantity				

Position:	2930
Loop:	QTY Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify quantity information
Syntax Notes:	**1** At least one of QTY02 or QTY04 is required.
	2 Only one of QTY02 or QTY04 may be present.
Semantic Notes:	**1** QTY04 is used when the quantity is non-numeric.
Comments:	
Notes:	QTY*31*DIRQTYA (DL-103)*DY

Data Element Summary

Ref. Des. Attributes		Data Element	Name		
M	QTY01	673	**Quantity Qualifier**	M	ID 2/2
			Code specifying the type of quantity		
			31 Additional Demand Quantity		
	QTY02	380	**Quantity**	X	R 1/15
			Numeric value of quantity		
			DIRQTYA (DL-103) = Number of Directories for Annual Delivery		
	QTY03	C001	**Composite Unit of Measure**	O	
			To identify a composite unit of measure (See Figures Appendix for examples of use)		
M	C00101	355	**Unit or Basis for Measurement Code**	M	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			DY Directory Books		
			Number of directory books delivered to customer		

Segment:	**QTY** Quantity				

Position: 2930
Loop: QTY Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify quantity information
Syntax Notes: 1 At least one of QTY02 or QTY04 is required.
2 Only one of QTY02 or QTY04 may be present.
Semantic Notes: 1 QTY04 is used when the quantity is non-numeric.
Comments:
Notes: QTY*38*DIRQTYNC (DL-104)*DY

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	QTY01	673	**Quantity Qualifier**	M	ID 2/2
			Code specifying the type of quantity		
			38 Original Quantity		
	QTY02	380	**Quantity**	X	R 1/15
			Numeric value of quantity		
			DIRQTYNC (DL-104) = Number of Directories Delivered on New Connect		
	QTY03	C001	**Composite Unit of Measure**	O	
			To identify a composite unit of measure (See Figures Appendix for examples of use)		
M	C00101	355	**Unit or Basis for Measurement Code**	M	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			DY Directory Books		
			Number of directory books delivered to customer		

Segment:	**N1** Name				

Position: 3500
Loop: N1   Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes: 1   At least one of N102 or N103 is required.
              2   If either N103 or N104 is present, then the other is required.
Semantic Notes:
Comments: 1   This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
              2   N105 and N106 further define the type of entity in N101.
Notes: N1*DA*DELNAME

Data Element Summary

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

Segment:	**N4** Geographic Location
Position:	3800
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify the geographic place of the named party
Syntax Notes:	1 Only one of N402 or N407 may be present.
	2 If N406 is present, then N405 is required.
	3 If N407 is present, then N404 is required.
Semantic Notes:	
Comments:	1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
	2 N402 is required only if city name (N401) is in the U.S. or Canada.
Notes:	N4**STATE (DL-99)*ZIP (DL-100)

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
N402	156	**State or Province Code**	X	ID 2/2
		Code (Standard State/Province) as defined by appropriate government agency		
		STATE (DL-99) = State/Province		
N403	116	**Postal Code**	O	ID 3/15
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)		
		ZIP (DL-100) = ZIP/Postal Code		

Segment: **NX2** Location ID Component

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

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
M	NX201	1106	**Address Component Qualifier**	M ID 2/2

Code qualifying the type of address component

01	Street Number
02	Street Name
03	Prefix Direction
07	City Name
18	Unstructured Mailing Address
40	Street Suffix
59	Street Number Low
61	Street Number Fraction
62	Street Name Suffix

Ref. Des. Attributes	Data Element	Name		
M	NX202	166	**Address Information**	M AN 1/55

Address information

> DDANO (DL-85) = Delivery Address Number
> DDASN (DL-88) = Delivery Address Street Name
> DDASD (DL-87) = Delivery Address Street Directional Prefix
> CITY (DL-98) = City
> DDALO (DL-90a) = Delivery Address Location
> DDASS (DL-90) = Delivery Address Street Directional Suffix
> DDAPR (DL-84) = Delivery Address Number Prefix
> DDASF (DL-86) = Delivery Address Number Suffix
> DDATH (DL-89) = Delivery Address Street Type

		PO1 Baseline Item Data - DL Form (Service Details Section)
Segment:		

Segment: **PO1** Baseline Item Data - DL Form (Service Details Section)

Position:	0100
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Mandatory
Max Use:	1
Purpose:	To specify basic and most frequently used line item data
Syntax Notes:	**1** If PO103 is present, then PO102 is required.
	2 If PO105 is present, then PO104 is required.
	3 If either PO106 or PO107 is present, then the other is required.
	4 If either PO108 or PO109 is present, then the other is required.
	5 If either PO110 or PO111 is present, then the other is required.
	6 If either PO112 or PO113 is present, then the other is required.
	7 If either PO114 or PO115 is present, then the other is required.
	8 If either PO116 or PO117 is present, then the other is required.
	9 If either PO118 or PO119 is present, then the other is required.
	10 If either PO120 or PO121 is present, then the other is required.
	11 If either PO122 or PO123 is present, then the other is required.
	12 If either PO124 or PO125 is present, then the other is required.
Semantic Notes:	
Comments:	**1** See the Data Element Dictionary for a complete list of IDs.
	2 PO101 is the line item identification.
	3 PO106 through PO125 provide for ten different product/service IDs per each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.
Notes:	PO1*n*1*EA***ZZ*DL*SH*RTY (DL-12) [PO1 Loop may repeat]

Data Element Summary

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

		SH	Service Requested		
			A numeric or alphanumeric code from a list of services available to the customer		
PO109	**234**	**Product/Service ID**		**X**	**AN 1/48**
		Identifying number for a product or service			
		RTY (DL-12) = Record Type			

	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:
     1   SI01 defines the source for each of the service characteristics qualifiers.
Notes:
SI*TI*LB*LACT (DL-10)
SI*TI*LE*LTY (DL-13)
SI*TI*TW*STYC (DL-15)
SI*TI*BR*TOA (DL-16)
SI*TI*DG*DOI (DL-17)
SI*TI*DN*DIRNAME (DL-34)
SI*TI*BO*BRO (DL-28)

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	SI01	559	**Agency Qualifier Code**	M	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
M	SI02	1000	**Service Characteristics Qualifier**	M	AN 2/2
			Code from an industry code list qualifying the type of service characteristics		
			BO Business/Residence Placement Override		
			BR Directory Listings Type of Account		
			DG Degree of Indent		
			DN Directory Book Name		
			LB Listing Activity Indicator		
			LE Listing Type		
			TW Style Code		
M	SI03	234	**Product/Service ID**	M	AN 1/48
			Identifying number for a product or service		
			LACT (DL-10) = Listing Activity Indicator		
			LTY (DL-13) = Listing Type		
			STYC (DL-15) = Style Code		
			TOA (DL-16) = Type of Account		
			DOI (DL-17) = Degree of Indent		
			DIRNAME (DL-34) = Directory Name		
			BRO (DL-28) = Business/Residence Placement Override		

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*AR***SO-RSQ*OMTN (DL-41)
PID*S**TI*AS***SO-RSQ*LNPL (DL-44)
PID*S**TI*AT***SO-RSQ*ADI (DL-61)
PID*S**TI*AW***SO-RSQ*DML (DL-25)
PID*S**TI*AX***SO-RSQ*NOSL (DL-26)
PID*S**TI*AY***SO-RSQ*TMKT (DL-27)
PID*S**TI*BA***SO-RSQ*PROF (DL-32)

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	PID01	349	**Item Description Type**	M	ID 1/1
			Code indicating the format of a description		
			S Structured (From Industry Code List)		
	PID03	559	**Agency Qualifier Code**	X	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
	PID04	751	**Product Description Code**	X	AN 1/12
			A code from an industry code list which provides specific data about a product characteristic		
			AR Omit Telephone Number		
			AS Listed Name Placement		
			AT Address Indicator		
			AW Direct Mail List		

		AX	No Solicitation Indicator		
		AY	Telemarketing		
		BA	Professional Identifier		
PID07	**822**	**Source Subqualifier**		**O**	**AN 1/15**

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

| | SO-RSQ | Service Order - Reseller Questions list |

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

Code indicating a Yes or No condition or response

OMTN (DL-41) = Omit TN
  Y=(DWS: O-Omit)
  Blank=(DWS: Blank-Do Not Omit)

LNPL (DL-44) = Letter Name Placement
  Y=(DWS: L-Letter Placement)
  Blank=(DWS: Blank-Default to Word Placement)

ADI (DL-61) = Address Indicator
  Y=(DWS: O-Omit in DA and Directory)
  Blank=(DWS: Blank-Do Not Omit)

DML (DL-25) = Direct Mail List
  Y=(DWS: O-Omit)
  Blank=(DWS: Blank-Do Not Omit)

TMKT (DL-27) = Telemarketing
  Y=(DWS: O-Omit From Telemarketing)
  Blank=(DWS: Blank-Do Not Omit)

NOSL (DL-26) = No Solicitation Indicator
PROF (DL-32) = Professional Identifier

	Segment:	**REF** Reference Identification		

Position: 1000
Loop: PO1   Mandatory
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify identifying information
Syntax Notes:
  1   At least one of REF02 or REF03 is required.
  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*LI*ALI (DL-11)

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	REF01	128	**Reference Identification Qualifier**	M	ID 2/3
			Code qualifying the Reference Identification		
			LI Line Item Identifier (Seller's)		
	REF02	127	**Reference Identification**	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
			ALI (DL-11) = Alpha/Numeric Listing Identifier Code		

Segment:		**N9** Reference Identification			

Position: 3300
Loop: N9   Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To transmit identifying information as specified by the Reference Identification Qualifier
Syntax Notes:
    1   At least one of N902 or N903 is required.
    2   If N906 is present, then N905 is required.
    3   If either C04003 or C04004 is present, then the other is required.
    4   If either C04005 or C04006 is present, then the other is required.
Semantic Notes:
    1   N906 reflects the time zone which the time reflects.
    2   N907 contains data relating to the value cited in N902.
Comments:
Notes: N9*82*PLA

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
M	**N901**	**128**	**Reference Identification Qualifier**	**M ID 2/3**
			Code qualifying the Reference Identification	
		82	Data Item Description (DID) Reference	
			Specific data elements that the government will ask a contractor to provide and are spelled out in specific requirement documents	
	N902	**127**	**Reference Identification**	**X AN 1/30**
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
			"PLA"	

Segment:	**MTX** Text
Position:	3400
Loop:	N9 Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify textual data
Syntax Notes:	1 If MTX01 is present, then MTX02 is required.
	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. Des. Attributes	Data Element	Name		
MTX02	1551	**Message Text**	X	AN 1/4096
		To transmit large volumes of message text		
		PLA (DL-55) = Place Listing As		

	Segment:	**N9** Reference Identification

Position: 3300
Loop: N9   Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To transmit identifying information as specified by the Reference Identification Qualifier
Syntax Notes:
  1 At least one of N902 or N903 is required.
  2 If N906 is present, then N905 is required.
  3 If either C04003 or C04004 is present, then the other is required.
  4 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:
  1 N906 reflects the time zone which the time reflects.
  2 N907 contains data relating to the value cited in N902.
Comments:
Notes: N9*82*LTXTY*LTXTY (DL-57)

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
M **N901**	128	**Reference Identification Qualifier**	M	ID 2/3
		Code qualifying the Reference Identification		
		82 Data Item Description (DID) Reference		
		Specific data elements that the government will ask a contractor to provide and are spelled out in specific requirement documents		
N902	127	**Reference Identification**	X	AN 1/30
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
		"LTXTY"		
N903	369	**Free-form Description**	X	AN 1/45
		Free-form descriptive text		
		LTXTY (DL-57) = Listing Text Type		

Segment:	**MTX** Text

Position:	3400
Loop:	N9 Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify textual data
Syntax Notes:	1 If MTX01 is present, then MTX02 is required.
	2 If MTX03 is present, then MTX02 is required.
	3 If MTX05 is present, then MTX04 is required.
Semantic Notes:	1 MTX05 is the number of lines to advance before printing.
Comments:	1 If MTX04 is "AA - Advance the specific number of lines before print", then MTX05 is required.
Notes:	MTX**LTEXT (DL-59)

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
MTX02	1551	**Message Text**	X	**AN 1/4096**
		To transmit large volumes of message text		
		LTEXT (DL-59) = Line of Text		

	Segment:	**N9** Reference Identification

Position:	3300
Loop:	N9 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To transmit identifying information as specified by the Reference Identification Qualifier
Syntax Notes:	1 At least one of N902 or N903 is required.
	2 If N906 is present, then N905 is required.
	3 If either C04003 or C04004 is present, then the other is required.
	4 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 N906 reflects the time zone which the time reflects.
	2 N907 contains data relating to the value cited in N902.
Comments:	
Notes:	N9*H7*ORI*DL

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	N901	128	**Reference Identification Qualifier**	M	ID 2/3
			Code qualifying the Reference Identification		
			H7 Standard Clause		
	N902	127	**Reference Identification**	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
			ORI Order Instructions		
	N903	369	**Free-form Description**	X	AN 1/45
			Free-form descriptive text		
			"DL"		

Segment:	**MTX** Text

Position: 3400
Loop: N9   Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify textual data
Syntax Notes:
  1 If MTX01 is present, then MTX02 is required.
  2 If MTX03 is present, then MTX02 is required.
  3 If MTX05 is present, then MTX04 is required.
Semantic Notes:
  1 MTX05 is the number of lines to advance before printing.
Comments:
  1 If MTX04 is "AA - Advance the specific number of lines before print",
  then MTX05 is required.
Notes: MTX**REMARKS (DL-113)

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
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:	1	This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.			
	2	N105 and N106 further define the type of entity in N101.			
Notes:	N1*DH*LISTINGS				

Data Element Summary

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

Segment: **IN2** Individual Name Structure Components

Position: 3650
Loop: N1   Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To sequence individual name components for maximum specificity
Syntax Notes:
Semantic Notes:
Comments:
Notes:
```
IN2*01*TITLE1 (DL-49)*TITLE1
IN2*01*TITLE1D (DL-52)*TITLE1D
IN2*02*LNFN (DL-46)*LNFN (DL-46)
IN2*05*LNLN (DL-45)
IN2*10*TL (DL-48)*TL
IN2*10*TLD (DL-51)*TLD
IN2*12*DESD (DL-50a)*DESD
IN2*18*NICK (DL-54)
IN2*21*DES (DL-47)
```

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
M IN201	1104	**Name Component Qualifier**	M	ID 2/2

Code identifying the type of name component

01	Prefix
02	First Name
05	Last Name
10	Generation
12	Combined (Unstructured) Name
18	Preferred First Name or Nickname
21	Professional Title

Ref. Des. Attributes	Data Element	Name		
M IN202	93	**Name**	M	AN 1/60

Free-form name

TITLE1 (DL-49) = Title of Address 1
TITLE1D (DL-52) = Title of Address 1 for Dual Name
LNFN (DL-46) = Listed Name First
LNLN (DL-45) = Listed Name Last
TL (DL-48) = Title of Lineage
TLD (DL-51) = Title of Lineage for Dual Name
DESD (DL-50a) = Designation for Dual Name
NICK (DL-54) = Nickname
DES (DL-47) = Designation

Ref. Des. Attributes	Data Element	Name		
IN203	93	**Name**	O	AN 1/60

Free-form name

LNFN (DL-46) = Listed Name First
"TITLE1"
"TITLE1D"
"TL"
"TLD"
"DESD"

Segment:	# N4 Geographic Location

Position:	3800
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify the geographic place of the named party
Syntax Notes:	**1** Only one of N402 or N407 may be present.
	2 If N406 is present, then N405 is required.
	3 If N407 is present, then N404 is required.
Semantic Notes:	
Comments:	**1** A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
	2 N402 is required only if city name (N401) is in the U.S. or Canada.
Notes:	N4**LAST (DL-71)

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
N402	156	**State or Province Code**	X	ID 2/2
		Code (Standard State/Province) as defined by appropriate government agency		
		LAST (DL-71) = Listed Address State/Province		

		Segment:	**NX2** Location ID Component

Position: 3850
Loop: N1   Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To define types and values of a geographic location
Syntax Notes:
Semantic Notes:
Comments:
Notes:
NX2*01*LANO (DL-63)
NX2*02*LASN (DL-66)
NX2*03*LASD (DL-65)
NX2*07*LALOC (DL-70)
NX2*18*LALO (DL-69)
NX2*40*LASS (DL-68)
NX2*59*LAPR (DL-62)
NX2*61*LASF (DL-64)
NX2*62*LATH (DL-67)

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	NX201	1106	**Address Component Qualifier**	M	ID 2/2

Code qualifying the type of address component

01	Street Number
02	Street Name
03	Prefix Direction
07	City Name
18	Unstructured Mailing Address
40	Street Suffix
59	Street Number Low
61	Street Number Fraction
62	Street Name Suffix

	Ref. Des.	Data Element	Name		
M	NX202	166	**Address Information**	M	AN 1/55

Address information

LANO (DL-63) = Listed Address Number
LASN (DL-66) = Listed Address Street Name
LASD (DL-65) = Listed Address Street Directional Prefix
LALOC (DL-70) = Listed Address Locality
LALO (DL-69) = Listed Address Location
LASS (DL-68) = Listed Address Street Directional Suffix
LAPR (DL-62) = Listed Address Number Prefix
LASF (DL-64) = Listed Address Number Suffix
LATH (DL-67) = Listed Address Street Type

Segment:	**SI** Service Characteristic Identification		

Position: 4050
Loop: N1   Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify service characteristic data
Syntax Notes:
1. If either SI04 or SI05 is present, then the other is required.
2. If either SI06 or SI07 is present, then the other is required.
3. If either SI08 or SI09 is present, then the other is required.
4. If either SI10 or SI11 is present, then the other is required.
5. If either SI12 or SI13 is present, then the other is required.
6. If either SI14 or SI15 is present, then the other is required.
7. If either SI16 or SI17 is present, then the other is required.
8. If either SI18 or SI19 is present, then the other is required.
9. If either SI20 or SI21 is present, then the other is required.

Semantic Notes:
Comments:
1. SI01 defines the source for each of the service characteristics qualifiers.

Notes: SI*TI*TN*LTN (DL-39)
SI*TI*NS*NSTN (DL-40)

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	SI01	559	**Agency Qualifier Code**	M	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
M	SI02	1000	**Service Characteristics Qualifier**	M	AN 2/2
			Code from an industry code list qualifying the type of service characteristics		
			NS Non-Standard Telephone Number		
			TN Telephone Number		
M	SI03	234	**Product/Service ID**	M	AN 1/48
			Identifying number for a product or service		
			LTN (DL-39) = Listed Telephone Number NSTN (DL-40) = Non Standard Telephone Number		

	Segment:	**PO1** Baseline Item Data - Dummy (DD)

Position: 0100
Loop: PO1 Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To specify basic and most frequently used line item data
Syntax Notes:
   1 If PO103 is present, then PO102 is required.
   2 If PO105 is present, then PO104 is required.
   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.
  10 If either PO120 or PO121 is present, then the other is required.
  11 If either PO122 or PO123 is present, then the other is required.
  12 If either PO124 or PO125 is present, then the other is required.

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

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

Data Element Summary

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

	Segment:	**CTT** Transaction Totals

Position: 0100
Loop: CTT Optional
Level: Summary
Usage: Optional
Max Use: 1
Purpose: To transmit a hash total for a specific element in the transaction set
Syntax Notes: 1 If either CTT03 or CTT04 is present, then the other is required.
2 If either CTT05 or CTT06 is present, then the other is required.
Semantic Notes:
Comments: 1 This segment is intended to provide hash totals to validate transaction completeness and correctness.
Notes: CTT*Number of PO1 Segments

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
M CTT01	354	**Number of Line Items**	M	N0 1/6
		Total number of line items in the transaction set		

	Segment:	**SE** Transaction Set Trailer		

Position: 0300
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)
Syntax Notes:
Semantic Notes:
Comments: 1 SE is the last segment of each transaction set.
Notes: SE*Number of Segments*TRAN SET CONTROL #

Data Element Summary

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

15.6.2 860 POTS Service Request (860POTS)

Functional Group ID= PC

Introduction:

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

This implementation guideline references the following:
1. ANSI ASC X12 Version 4020
2. LSOG 5 and Qwest assigned fields
3. TCIF/SOSC Guidelines, ELMS 5

Notes:

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

Heading:

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

Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
3500	PER	Administrative Communications Contact	O	>1		
		LOOP ID - N1			200	
3000	N1	Name	O	1		
		LOOP ID - N1			200	
3000	N1	Name	O	1		
3100	N2	Additional Name Information	O	2		
3300	N4	Geographic Location	O	>1		
3350	NX2	Location ID Component	O	>1		
3550	SI	Service Characteristic Identification	O	>1		

Detail:

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

| 5360 | N1 | Name | O | 1 | |
| 5700 | REF | Reference Identification | O | 12 | |

LOOP ID - POC			>1
0100	POC	Line Item Change - Resale Form (Service Detail Section)	O	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

LOOP ID - N1			200
3400	N1	Name	O	1

LOOP ID - N1			200
3400	N1	Name	O	1

LOOP ID - SLN			>1
4600	SLN	Subline Item Detail	O	1
4700	SI	Service Characteristic Identification	O	>1

LOOP ID - N1			10
5360	N1	Name	O	1
5700	REF	Reference Identification	O	12

LOOP ID - SLN			>1
4600	SLN	Subline Item Detail	O	1
4700	SI	Service Characteristic Identification	O	>1

LOOP ID - N1			10
5360	N1	Name	O	1
5700	REF	Reference Identification	O	12

LOOP ID - SLN			>1
4600	SLN	Subline Item Detail	O	1

LOOP ID - SLN			>1
4600	SLN	Subline Item Detail	O	1
4700	SI	Service Characteristic Identification	O	>1

LOOP ID - SLN			>1
4600	SLN	Subline Item Detail	O	1
4700	SI	Service Characteristic Identification	O	>1

LOOP ID - POC			>1
0100	POC	Line Item Change - Regular Hunting	O	1
0180	SI	Service Characteristic Identification	O	>1
1000	REF	Reference Identification	O	>1

LOOP ID - SLN			>1
4600	SLN	Subline Item Detail	O	1

LOOP ID - N9			>1
5230	N9	Reference Identification	O	1
5250	MTX	Text	O	>1

LOOP ID - POC			>1

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

Summary:

Pos.	Seg.		Req.		Loop	Notes and

	No.	ID	Name	Des.	Max.Use	Repeat	Comments
			LOOP ID - CTT			1	
	0100	CTT	Transaction Totals	O	1		n1
M	0300	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. Number of line items (CTT01) is the accumulation of the number of POC segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (POC03) for each POC segment.

	Segment:	**ST** Transaction Set Header	

Segment: **ST** Transaction Set Header

Position: 0100
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes:
1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
2 The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition.
Comments:
Notes: ST*860*TRAN SET CONTROL #

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	ST01	143	**Transaction Set Identifier Code**	M	ID 3/3
			Code uniquely identifying a Transaction Set		
			860　　　　Purchase Order Change Request - Buyer Initiated		
M	ST02	329	**Transaction Set Control Number**	M	AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set		

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

Position: 0200
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of the Purchase Order Change Transaction Set and transmit identifying numbers and dates

Syntax Notes:
Semantic Notes:
  1 BCH06 is the date assigned by the purchaser to purchase order.
  2 BCH09 is the seller's order number.
  3 BCH10 is the date assigned by the sender to the acknowledgment.
  4 BCH11 is the date of the purchase order change request.

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

Data Element Summary

Ref. Des. Attributes	Ref. Des.	Data Element	Name		
M	BCH01	353	**Transaction Set Purpose Code**	M	**ID 2/2**
			Code identifying purpose of transaction set		
			SUP (LSR-25) = Supplement Type 01 = (DWS: 1 - Cancel) 04 = (DWS: 2 - DDD - Change) 05 = (DWS: 3 - Other)		
			01 Cancellation		
			04 Change		
			05 Replace		
M	BCH02	92	**Purchase Order Type Code**	M	**ID 2/2**
			Code specifying the type of Purchase Order		
			SS Supply or Service Order		
M	BCH03	324	**Purchase Order Number**	M	**AN 1/22**
			Identifying number for Purchase Order assigned by the orderer/purchaser		
			PON (LSR-2) = Purchase Order Number		
	BCH05	327	**Change Order Sequence Number**	O	**AN 1/8**
			Number assigned by the orderer identifying a specific change or revision to a previously transmitted transaction set		
			VER (LSR-3) = Version Identification		
M	BCH06	373	**Date**	M	**DT 8/8**
			Date expressed as CCYYMMDD		
			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:	**1** REF04 contains data relating to the value cited in REF02.
Comments:	
Notes:	REF*11*AN (LSR-7)*AN
	REF*11*EAN (EU-40)*EAN
	REF*11*NAN (LSR-7a)*NAN
	REF*AO*APT CON (LSR-15a)
	REF*JB*PROJECT (LSR-20)
	REF*SU*RTR (LSR-28)*RTR
	REF*CO*RPON (LSR-51)*RPON
	REF*1V*RORD (LSR-52)*RORD
	REF*12*BAN1 (LSR-61)*BAN1

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	REF01	128	**Reference Identification Qualifier**	M	ID 2/3
			Code qualifying the Reference Identification		
			11	Account Number	
				Number identifies a telecommunications industry account	
			12	Billing Account	
				Account number under which billing is rendered	
			1V	Related Vendor Order Number	
				A vendor's order number that is in addition to a primary order number	
			AO	Appointment Number	
			CO	Customer Order Number	
			JB	Job (Project) Number	
			SU	Special Processing Code	
				Unique code identifying the special handling requirements for the claim	
	REF02	127	**Reference Identification**	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
			AN (LSR-7) = Account Number		
			EAN (EU-40) = Existing Account Number		
			NAN (LSR-7a) = New Account Number		
			APT CON (LSR-15a) = Appointment Confirmation		
			PROJECT (LSR-20) = Project Identification		
			RTR (LSR-28) = Response Type Requested		
			RPON (LSR-51) = Related Purchase Order Number		
			RORD (LSR-52) = Related Order Number		

		BAN1 (LSR-61) = Billing Account Number 1		
REF03	**352**	**Description**	**X**	**AN 1/80**

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

"AN"
"EAN"
"NAN"
"RTR"
"RPON"
"RORD"
"BAN1"

Segment:	**PAM** Period Amount			
Position:	0950			
Loop:				
Level:	Heading			
Usage:	Optional			
Max Use:	10			
Purpose:	To indicate a quantity, and/or amount for an identified period			
Syntax Notes:	1	If any of PAM01 PAM02 or PAM03 is present, then all are required.		
	2	At least one of PAM02 PAM05 or PAM14 is required.		
	3	If either PAM04 or PAM05 is present, then the other is required.		
	4	If either PAM06 or PAM07 is present, then the other is required.		
	5	If PAM07 is present, then at least one of PAM08 or PAM09 is required.		
	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*T5*LOCQTY (LSR-5)*EA
PAM*48*PG_of_ (LSR-10)(1st 2 Bytes)*EA
PAM*47*PG_of_ (LSR-10)(2nd 2 Bytes)*EA
PAM*KC*DQTY (EU-5)*EA
PAM*QO*RSQTY (RE-5)*EA
PAM*BH*DDQTY (DL-23)*EA
PAM*QU*HTQTY (LSR-6)*EA

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
PAM01	673	**Quantity Qualifier**	X	ID 2/2
		Code specifying the type of quantity		
		47	Primary Net Quantity	
		48	Secondary Net Quantity	
		BH	Book Order Quantity	
		KC	Net Quantity Decrease	
			The resultant quantity represents a net decrease to a previously transmitted quantity, after adjustments have been made	
		QO	Operating Quantity	
		QU	Quantity Serviced	
		T5	Total Number of Units	
PAM02	380	**Quantity**	X	R 1/15
		Numeric value of quantity		
		LOCQTY (LSR-5) = Location Quantity		
		First 2 bytes of PG_of_ (LSR-10)		

			Second 2 bytes of PG_of_ (LSR-10) DQTY (EU-5) = Disconnect Quantity RSQTY (RE-5) = Resale Quantity DDQTY (DL-23) = Number of Delivery Segments HTQTY (LSR-6) = Hunt Group Quantity		
	PAM03	**C001**	**Composite Unit of Measure**	**X**	

To identify a composite unit of measure (See Figures Appendix for examples of use)

M	**C00101**	**355**	**Unit or Basis for Measurement Code**	**M**	**ID 2/2**

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

    EA   Each

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

Position: 1200
Loop: SAC   Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Syntax Notes:
1. At least one of SAC02 or SAC03 is required.
2. If either SAC03 or SAC04 is present, then the other is required.
3. If either SAC06 or SAC07 is present, then the other is required.
4. If either SAC09 or SAC10 is present, then the other is required.
5. If SAC11 is present, then SAC10 is required.
6. If SAC13 is present, then at least one of SAC02 or SAC04 is required.
7. If SAC14 is present, then SAC13 is required.
8. If SAC16 is present, then SAC15 is required.

Semantic Notes:
1. If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
2. SAC05 is the total amount for the service, promotion, allowance, or charge.
   If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
3. SAC08 is the allowance or charge rate per unit.
4. SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity.
   SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
5. SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
6. SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
7. SAC16 is used to identify the language being used in SAC15.

Comments:
1. SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction with SAC03 to further define SAC02.
2. 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. Des. Attributes	Data Element	Name		
M SAC01	248	Allowance or Charge Indicator	M	ID 1/1
		Code which indicates an allowance or charge for the service specified		

| | | | N | | No Allowance or Charge | | |
| **SAC03** | **559** | **Agency Qualifier Code** | | | | **X** | **ID 2/2** |

Code identifying the agency assigning the code values

| | | | TI | | Telecommunications Industry | | |
| **SAC04** | **1301** | **Agency Service, Promotion, Allowance, or Charge Code** | | | | **X** | **AN 1/10** |

Agency maintained code identifying the service, promotion, allowance, or charge

			EXP		Expedited Service Charge		
			VT		Variable Term Contract Pricing Plan		
SAC15	**352**	**Description**				**X**	**AN 1/80**

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

VTA (LSR-80) = Variable Term Agreement

| | Segment: | **DTM** Date/Time Reference |

Segment: **DTM** Date/Time Reference

Position:	1500
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	10
Purpose:	To specify pertinent dates and times
Syntax Notes:	**1** At least one of DTM02 DTM03 or DTM05 is required.
	2 If DTM04 is present, then DTM03 is required.
	3 If either DTM05 or DTM06 is present, then the other is required.
Semantic Notes:	
Comments:	
Notes:	DTM*097*D/TSENT{CCYYMMDD}(LSR-12)*D/TSENT{HHMM}(LSR-12)

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

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

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
M **DTM01**	374	**Date/Time Qualifier**	**M**	**ID 3/3**

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

097	Transaction Creation
150	Service Period Start
151	Service Period End
270	Date Filed
992	Date Requested

DTM02	373	**Date**	**X**	**DT 8/8**

Date expressed as CCYYMMDD

D/TSENT (LSR-12) = Date Sent
DDD (LSR-14) = Desired Due Date
DDDO (LSR-16) = Desired Due Date Out
DATED (LSR-36) = Date of Agency Authorization

DTM03	337	**Time**	**X**	**TM 4/8**

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

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

DTM05	1250	**Date Time Period Format Qualifier**	**X**	**ID 2/3**

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

RTM　　Range of Time Expressed in Format HHMM-HHMM

A range of times expressed in the form HHMM-HHMM where HH is the numerical expression of hours in the day based on a twenty-four hour clock and MM is the numerical expression of minutes within an hour; the first occurrence of HHMM is the

	TM	starting time and the second is the ending time Time Expressed in Format HHMM

Time expressed in the format HHMM where HH is the numerical expression of hours in the day based on a twenty-four hour clock and MM is the numerical expression of minutes within an hour

DTM06   **1251**   **Date Time Period**   **X   AN 1/35**

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

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

Segment: **SI** Service Characteristic Identification

Position:	1850
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	**1** If either SI04 or SI05 is present, then the other is required.
	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*RE*REQTYP (LSR-23)
	SI*TI*AA*ACT (LSR-24)
	SI*TI*LS*LSO (LSR-43)
	SI*TI*TY*TOS (LSR-44)
	SI*TI*IW*IWO (EU-36)

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	SI01	559	**Agency Qualifier Code**	M	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
M	SI02	1000	**Service Characteristics Qualifier**	M	AN 2/2
			Code from an industry code list qualifying the type of service characteristics		
			AA Account Activity		
			IW Inside Wire Options		
			LS Local Serving Office		
			RE Requisition Type		
			TY Type of Service		
M	SI03	234	**Product/Service ID**	M	AN 1/48
			Identifying number for a product or service		

ACT (LSR-24) = Activity
  A=(DWS : N-New Installation)
  D=(DWS : D-Disconnect of Entire Account)
  C=(DWS : C-Change)
  V=(DWS : V-Conversion As Specified)
  SD=(DWS : L-Seasonal Suspend (not valid in WA or OR))
  RS=(DWS : B-Restore)
  T=(DWS : T-Outside Move(T/F))
  W=(DWS : W-Conversion As Is)
  Z=(DWS : Z-Conversion As Spec/No Listing)
  DN=(DWS : Y-Deny)

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

Segment:	**PID** Product/Item Description
Position:	1900
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	200
Purpose:	To describe a product or process in coded or free-form format
Syntax Notes:	1 If PID04 is present, then PID03 is required.
	2 At least one of PID04 or PID05 is required.
	3 If PID07 is present, then PID03 is required.
	4 If PID08 is present, then PID04 is required.
	5 If PID09 is present, then PID05 is required.
Semantic Notes:	1 Use PID03 to indicate the organization that publishes the code list being referred to.
	2 PID04 should be used for industry-specific product description codes.
	3 PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
	4 PID09 is used to identify the language being used in PID05.
Comments:	1 If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
	2 Use PID06 when necessary to refer to the product surface or layer being described in the segment.
	3 PID07 specifies the individual code list of the agency specified in PID03.
Notes:	PID*S**TI*CONVIND***SO-RSQ*CONVIND (LSR-24a)
	PID*S**TI*AO***SO-RSQ*AGAUTH (LSR-35)
	PID*S**TI*BI***SO-RSQ*FBI (EU-42)
	PID*S**TI*PENDING***SO-RSQ*PENDING ORDER (LSR-108b)

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
M PID01	349	**Item Description Type**	**M**	**ID 1/1**
		Code indicating the format of a description		
		S Structured (From Industry Code List)		
PID03	559	**Agency Qualifier Code**	**X**	**ID 2/2**
		Code identifying the agency assigning the code values		
		TI Telecommunications Industry		
PID04	751	**Product Description Code**	**X**	**AN 1/12**
		A code from an industry code list which provides specific data about a product characteristic		
		AO Agency Authorization Status		
		BI Final Bill Information Indicator		
		CONVIND Conversion Indicator		
		PENDING Pending Order		
PID07	822	**Source Subqualifier**	**O**	**AN 1/15**
		A reference that indicates the table or text maintained by the Source		

Qualifier
SO-RSQ   Service Order - Reseller Questions list

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

Code indicating a Yes or No condition or response

CONVIND (LSR-24a) = Conversion Indicator
  Y=(DWS : F-Full)
  N=(DWS : P-Partial)

FBI (EU-42) = Final Bill Information Indicator
  N=(DWS : E-Existing(Default))
  Y=(DWS : D-Different)

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

			Segment:	**N9** Reference Identification		

Segment: **N9** Reference Identification

Position: 2850
Loop: N9   Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To transmit identifying information as specified by the Reference Identification Qualifier
Syntax Notes:
  1   At least one of N902 or N903 is required.
  2   If N906 is present, then N905 is required.
  3   If either C04003 or C04004 is present, then the other is required.
  4   If either C04005 or C04006 is present, then the other is required.
Semantic Notes:
  1   N906 reflects the time zone which the time reflects.
  2   N907 contains data relating to the value cited in N902.
Comments:
Notes: N9*H7*ORI*RESALE****2W>MANUAL IND (RE-60b)

Data Element Summary

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

Segment:	**MTX** Text	
Position:	2900	
Loop:	N9 Optional	
Level:	Heading	
Usage:	Optional	
Max Use:	>1	
Purpose:	To specify textual data	
Syntax Notes:	1	If MTX01 is present, then MTX02 is required.
	2	If MTX03 is present, then MTX02 is required.
	3	If MTX05 is present, then MTX04 is required.
Semantic Notes:	1	MTX05 is the number of lines to advance before printing.
Comments:	1	If MTX04 is "AA - Advance the specific number of lines before print", then MTX05 is required.
Notes:	MTX**REMARKS (RE-60a)	

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
MTX02	**1551**	**Message Text**	X	AN 1/4096
		To transmit large volumes of message text		
		REMARKS (RE-60a) = Remarks		

| | Segment: | **N9** Reference Identification | | |

Position: 2850
Loop: N9　　Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To transmit identifying information as specified by the Reference Identification Qualifier
Syntax Notes:
1. At least one of N902 or N903 is required.
2. If N906 is present, then N905 is required.
3. If either C04003 or C04004 is present, then the other is required.
4. If either C04005 or C04006 is present, then the other is required.

Semantic Notes:
1. N906 reflects the time zone which the time reflects.
2. N907 contains data relating to the value cited in N902.

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

Data Element Summary

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

Segment:	**MTX** Text	
Position:	2900	
Loop:	N9	Optional
Level:	Heading	
Usage:	Optional	
Max Use:	>1	
Purpose:	To specify textual data	
Syntax Notes:	1	If MTX01 is present, then MTX02 is required.
	2	If MTX03 is present, then MTX02 is required.
	3	If MTX05 is present, then MTX04 is required.
Semantic Notes:	1	MTX05 is the number of lines to advance before printing.
Comments:	1	If MTX04 is "AA - Advance the specific number of lines before print", then MTX05 is required.
Notes:	MTX**REMARKS (LSR-108)	

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
MTX02	1551	**Message Text**	X	AN 1/4096
		To transmit large volumes of message text		
		REMARKS (LSR-108) = Remarks		

			Segment:	**N9** Reference Identification

Position: 2850
Loop: N9   Optional
Level: Heading
Usage: Optional
Max Use: 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. Des. Attributes	Data Element	Name		
M	**N901**	**128**	**Reference Identification Qualifier**	**M ID 2/3**
			Code qualifying the Reference Identification	
			H7 Standard Clause	
	N902	**127**	**Reference Identification**	**X AN 1/30**
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
			ORI Order Instructions	
	N903	**369**	**Free-form Description**	**X AN 1/45**
			Free-form descriptive text	
			"EU"	
	N907	**C040**	**Reference Identifier**	**O**
			To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	
M	**C04001**	**128**	**Reference Identification Qualifier**	**M ID 2/3**
			Code qualifying the Reference Identification	
			2W Change Order Authority	
M	**C04002**	**127**	**Reference Identification**	**M AN 1/30**
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
			MANUAL IND (EU-63a) = Manual Indicator	

Segment: # MTX Text

Position:	2900
Loop:	N9 Optional
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To specify textual data
Syntax Notes:	1 If MTX01 is present, then MTX02 is required.
	2 If MTX03 is present, then MTX02 is required.
	3 If MTX05 is present, then MTX04 is required.
Semantic Notes:	1 MTX05 is the number of lines to advance before printing.
Comments:	1 If MTX04 is "AA - Advance the specific number of lines before print", then MTX05 is required.
Notes:	MTX**REMARKS (EU-63)

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
MTX02	1551	Message Text	X	AN 1/4096
		To transmit large volumes of message text		
		REMARKS (EU-63) = Remarks		

		Segment:	**N1** Name

Position: 3000
Loop: N1   Optional
Level: Heading
Usage: Optional
Max Use: 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*78*CCNA (LSR-1)

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
M N101	98	**Entity Identifier Code**	M	ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual		
		78 Service Requester		
N102	93	**Name**	X	AN 1/60
		Free-form name		
		CCNA (LSR-1) = Customer Carrier Name Abbreviation		

Segment: # PER Administrative Communications Contact

Position:	3500
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To identify a person or office to whom administrative communications should be directed
Syntax Notes:	1 If either PER03 or PER04 is present, then the other is required.
	2 If either PER05 or PER06 is present, then the other is required.
	3 If either PER07 or PER08 is present, then the other is required.
Semantic Notes:	
Comments:	
Notes:	PER*AG*INIT (LSR-81)*TE*TEL NO (LSR-82)*FX*FAX NO (LSR-84)*EM*EMAIL (LSR-83)
	PER*CN*IMPCON (LSR-91)*TE*TEL NO (LSR-92)*BN*PAGER (LSR-93)
	PER*AL*ALT IMPCON (LSR-94)*TE*TEL NO (LSR-95)*BN*PAGER (LSR-96)

Data Element Summary

Attributes	Ref. Des.	Data Element	Name		
M	PER01	366	**Contact Function Code**	**M**	**ID 2/2**

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

AG	Agent
AL	Alternate Contact
	Person to be contacted when the main contact is not available
CN	General Contact

	PER02	93	**Name**	**O**	**AN 1/60**

Free-form name

INIT (LSR-81) = Initiator Identification
IMPCON (LSR-91) = Implementation Contact
ALT IMPCON (LSR-94) = Alternate Implementation Contact

	PER03	365	**Communication Number Qualifier**	**X**	**ID 2/2**

Code identifying the type of communication number

TE	Telephone

	PER04	364	**Communication Number**	**X**	**AN 1/256**

Complete communications number including country or area code when applicable

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

	PER05	365	**Communication Number Qualifier**	**X**	**ID 2/2**

Code identifying the type of communication number

BN	Beeper Number
FX	Facsimile

	PER06	364	**Communication Number**	**X**	**AN 1/256**

Complete communications number including country or area code when applicable

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

Segment:	**N1** Name				

Position: 3000
Loop: N1   Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes: 1   At least one of N102 or N103 is required.
    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*AN*AUTHNM (LSR-37)

Data Element Summary

Ref. Des. Attributes	Data Element	Name			
M N101	98	**Entity Identifier Code**		M	**ID 2/3**
		Code identifying an organizational entity, a physical location, property or an individual			
		AN	Authorized From		
			A geographic location designated as an authorized pick-up or origin point for a shipment		
N102	93	**Name**		X	**AN 1/60**
		Free-form name			
		AUTHNM (LSR-37) = Authorization Name			

Segment:		**N1** Name			
Position:		3000			
Loop:		N1 Optional			
Level:		Heading			
Usage:		Optional			
Max Use:		1			
Purpose:		To identify a party by type of organization, name, and code			
Syntax Notes:		1 At least one of N102 or N103 is required.			
		2 If either N103 or N104 is present, then the other is required.			
Semantic Notes:					
Comments:		1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.			
		2 N105 and N106 further define the type of entity in N101.			
Notes:		N1*X1*BILLNM (EU-43)			

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	N101	98	**Entity Identifier Code**	M	**ID 2/3**
			Code identifying an organizational entity, a physical location, property or an individual		
			X1 Mail to		
			An address to which a specified item is to be mailed		
	N102	93	**Name**	X	**AN 1/60**
			Free-form name		
			BILLNM (EU-43) = Bill Name		

	Segment:	**N2** Additional Name Information		
	Position:	3100		
	Loop:	N1 Optional		
	Level:	Heading		
	Usage:	Optional		
	Max Use:	2		
	Purpose:	To specify additional names		
	Syntax Notes:			
	Semantic Notes:			
	Comments:			
	Notes:	N2*SBILLNM (EU-44)		

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	N201	93	**Name**	M	**AN 1/60**
			Free-form name		
			SBILLNM (EU-44) = Secondary Bill Name		

Segment:	**N4** Geographic Location
Position:	3300
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To specify the geographic place of the named party
Syntax Notes:	1 Only one of N402 or N407 may be present.
	2 If N406 is present, then N405 is required.
	3 If N407 is present, then N404 is required.
Semantic Notes:	
Comments:	1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
	2 N402 is required only if city name (N401) is in the U.S. or Canada.
Notes:	N4**STATE (EU-49)*ZIP (EU-50)

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
N402	156	**State or Province Code**	X	**ID 2/2**
		Code (Standard State/Province) as defined by appropriate government agency		
		STATE (EU-49) = State/Province		
N403	116	**Postal Code**	O	**ID 3/15**
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)		
		ZIP (EU-50) = ZIP/Postal Code		

			Segment:	**NX2** Location ID Component

Position: 3350
Loop: N1   Optional
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To define types and values of a geographic location
Syntax Notes:
Semantic Notes:
Comments:
Notes:

NX2*01*SANO (EU-45b)
NX2*02*SASN (EU-45e)
NX2*03*SASD (EU-45d)
NX2*07*CITY (EU-48)
NX2*32*FLOOR (EU-46)
NX2*35*ROOM/MAIL STOP (EU-47)
NX2*40*SASS (EU-45g)
NX2*59*SAPR (EU-45a)
NX2*61*SASF (EU-45c)
NX2*62*SATH (EU-45f)

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
M NX201	1106	**Address Component Qualifier**	M	ID 2/2
		Code qualifying the type of address component		
		01 Street Number		
		02 Street Name		
		03 Prefix Direction		
		07 City Name		
		32 Floor		
		A particular floor or level of a building		
		35 Room		
		A walled room or partitioned area of a building		
		40 Street Suffix		
		59 Street Number Low		
		61 Street Number Fraction		
		62 Street Name Suffix		
M NX202	166	**Address Information**	M	AN 1/55
		Address information		

SANO (EU-45b) = Service Address Number
SASN (EU-45e) = Service Address Street Name
SASD (EU-45d) = Service Address Street Directional Prefix
CITY (EU-48) = City
FLOOR (EU-46) = Floor
ROOM/MAIL STOP (EU-47) = Room/Mail Stop
SASS (EU-45g) = Service Address Street Directional Suffix
SAPR (EU-45a) = Service Address Number Prefix
SASF (EU-45c) = Service Address Number Suffix
SATH (EU-45f) = Service Address Street Type

Segment: **SI** Service Characteristic Identification

Position:	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:	**1** SI01 defines the source for each of the service characteristics qualifiers.
Notes:	SI*TI*AF*AFT (EU-44a)

Data Element Summary

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

AFT (EU-44a) = Address Format Type

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

Position: 0100
Loop: POC   Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify changes to a line item
Syntax Notes:
1   If POC03 is present, then both POC04 and POC05 are required.
2   If POC07 is present, then POC06 is required.
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:
Notes: POC*n*RZ******ZZ*EU_SA [POC Loop may repeat]

Data Element Summary

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

	Segment:	**SI** Service Characteristic Identification

Position: 0180
Loop: POC Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify service characteristic data
Syntax Notes:
1 If either SI04 or SI05 is present, then the other is required.
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)

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	SI01	559	**Agency Qualifier Code**	M	**ID 2/2**
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
M	SI02	1000	**Service Characteristics Qualifier**	M	**AN 2/2**
			Code from an industry code list qualifying the type of service characteristics		
			OP Working Service on Premises		
M	SI03	234	**Product/Service ID**	M	**AN 1/48**
			Identifying number for a product or service		
			WSOP (EU-31) = Working Service on Premises		
	SI04	1000	**Service Characteristics Qualifier**	X	**AN 2/2**
			Code from an industry code list qualifying the type of service characteristics		
			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 Telephone Number		

Segment:	**PID** Product/Item Description				

Position: 0500
Loop: PID   Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To describe a product or process in coded or free-form format
Syntax Notes:
   1   If PID04 is present, then PID03 is required.
   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*ANV***SO-RSQ*ANV (EU-8a)

Data Element Summary

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

			Segment:	**REF** Reference Identification

Position: 1000
Loop: POC   Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify identifying information
Syntax Notes: 1   At least one of REF02 or REF03 is required.
                   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*IX*LOCNUM (EU-7)*LOCNUM

Data Element Summary

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

			Segment:	**N9** Reference Identification

Segment: **N9** Reference Identification

Position: 3200
Loop: N9   Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To transmit identifying information as specified by the Reference Identification Qualifier
Syntax Notes:
  1 At least one of N902 or N903 is required.
  2 If N906 is present, then N905 is required.
  3 If either C04003 or C04004 is present, then the other is required.
  4 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:
  1 N906 reflects the time zone which the time reflects.
  2 N907 contains data relating to the value cited in N902.
Comments:
Notes: N9*L1*ACC*EU

Data Element Summary

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

Segment: # MTX Text

Position: 3260
Loop: N9   Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify textual data
Syntax Notes:
1. If MTX01 is present, then MTX02 is required.
2. If MTX03 is present, then MTX02 is required.
3. If MTX05 is present, then MTX04 is required.

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

Comments:
1. If MTX04 is "AA - Advance the specific number of lines before print", then MTX05 is required.

Notes: MTX**ACC (EU-30)

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
MTX02	1551	Message Text	X	AN 1/4096
		To transmit large volumes of message text		
		ACC (EU-30) = Access Information		

	Segment:	**N1** Name
	Position:	3400
	Loop:	N1 Optional
	Level:	Detail
	Usage:	Optional
	Max Use:	1
	Purpose:	To identify a party by type of organization, name, and code
	Syntax Notes:	1 At least one of N102 or N103 is required.
		2 If either N103 or N104 is present, then the other is required.
	Semantic Notes:	
	Comments:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
		2 N105 and N106 further define the type of entity in N101.
	Notes:	N1*IT*NAME (EU-8)

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
M	N101	98	**Entity Identifier Code**	M	ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual		
			IT Installation on Site		
	N102	93	**Name**	X	AN 1/60
			Free-form name		
			NAME (EU-8) = End User Name		

Segment:	**N4** Geographic Location

Position:	3700
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify the geographic place of the named party
Syntax Notes:	1 Only one of N402 or N407 may be present.
	2 If N406 is present, then N405 is required.
	3 If N407 is present, then N404 is required.
Semantic Notes:	
Comments:	1 A combination of either N401 through N404, or N405 and N406 may
	be adequate to specify a location.
	2 N402 is required only if city name (N401) is in the U.S. or Canada.
Notes:	N4**STATE (EU-25)*ZIP (EU-26)**RJ*CALA (EU-26a)

Data Element Summary

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

			Segment:	**NX2** Location ID Component

Position: 3750
Loop: N1   Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To define types and values of a geographic location
Syntax Notes:
Semantic Notes:
Comments:
Notes:

NX2*01*SANO (EU-11)
NX2*02*SASN (EU-14)
NX2*03*SASD (EU-13)
NX2*05*BOX (EU-23c)
NX2*06*ROUTE (EU-23b)
NX2*07*CITY (EU-24)
NX2*39*AHN (EU-23a)
NX2*40*SASS (EU-16)
NX2*59*SAPR (EU-10)
NX2*61*SASF (EU-12)
NX2*62*SATH (EU-15)
NX2*LD1 (EU-17)*LV1 (EU-18)
NX2*LD2 (EU-19)*LV2 (EU-20)
NX2*LD3 (EU-21)*LV3 (EU-22)

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
M NX201	**1106**	**Address Component Qualifier**	**M**	**ID 2/2**

Code qualifying the type of address component

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

LD2 (EU-19) = Location Designator 2
  32=(DWS : FLR)

LD3 (EU-21) = Location Designator 3
  12=(DWS : BLDG)
  63=(DWS : WNG)
  30=(DWS : PIER)

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

			13	Apartment Number		
			14	Suite Number		
			30	Pier		
				The pier at which a ship or boat is docked		
			32	Floor		
				A particular floor or level of a building		
			34	Lot		
				A particular lot or piece of land		
			35	Room		
				A walled room or partitioned area of a building		
			36	Slip		
				The slip or location on a pier at which a ship or boat is docked		
			37	Unit		
				A unit or separate structure		
			39	Unstructured Property		
			40	Street Suffix		
			59	Street Number Low		
			61	Street Number Fraction		
			62	Street Name Suffix		
			63	Secondary Unit Identifier		
M	NX202	166	**Address Information**		M	AN 1/55

Address information

SANO (EU-11) = Service Address Number
SASN (EU-14) = Service Address Street Name
SASD (EU-13) = Service Address Street Directional Prefix
BOX (EU-23c) = Box
ROUTE (EU-23b) = Route
CITY (EU-24) = City
AHN (EU-23a) = Assigned House Number
SASS (EU-16) = Service Address Street Directional Suffix
SAPR (EU-10) = Service Address Number Prefix
SASF (EU-12) = Service Address Number Suffix
SATH (EU-15) = Service Address Street Type
LV1 (EU-18) = Location Value 1
LV2 (EU-20) = Location Value 2
LV3 (EU-22) = Location Value 3

| | | | | Segment: | **PER** Administrative Communications Contact |

Segment: **PER** Administrative Communications Contact

Position: 3900
Loop: N1 Optional
Level: Detail
Usage: Optional
Max Use: 3
Purpose: To identify a person or office to whom administrative communications should be directed
Syntax Notes: 1 If either PER03 or PER04 is present, then the other is required.
2 If either PER05 or PER06 is present, then the other is required.
3 If either PER07 or PER08 is present, then the other is required.
Semantic Notes:
Comments:
Notes: PER*CA*LCON (EU-27)*TE*TEL NO (EU-28)

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	PER01	366	**Contact Function Code**	M	**ID 2/2**
			Code identifying the major duty or responsibility of the person or group named		
			CA Customer Contact Granting Appointment		
	PER02	93	**Name**	O	**AN 1/60**
			Free-form name		
			LCON (EU-27) = Local Contact		
	PER03	365	**Communication Number Qualifier**	X	**ID 2/2**
			Code identifying the type of communication number		
			TE Telephone		
	PER04	364	**Communication Number**	X	**AN 1/256**
			Complete communications number including country or area code when applicable		
			TEL NO (EU-28) = Telephone Number		

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)

Data Element Summary

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

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

Information Section)

Position:	0100
Loop:	POC Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify changes to a line item
Syntax Notes:	**1** If POC03 is present, then both POC04 and POC05 are required.
	2 If POC07 is present, then POC06 is required.
	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:	
Notes:	POC*n*RZ******ZZ*EU_DISC [POC Loop may repeat]

Data Element Summary

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

Segment: **SI** Service Characteristic Identification

Position:	0180
Loop:	POC Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.
	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*ND*DISC NBR (EU-55)
	SI*TI*T6*TC OPT (EU-57)

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
M **SI01**	559	**Agency Qualifier Code**	M	**ID 2/2**
		Code identifying the agency assigning the code values		
		TI Telecommunications Industry		
M **SI02**	1000	**Service Characteristics Qualifier**	M	**AN 2/2**
		Code from an industry code list qualifying the type of service characteristics		
		ND Disconnect Number		
		T6 Transfer of Calls Options		
M **SI03**	234	**Product/Service ID**	M	**AN 1/48**
		Identifying number for a product or service		
		DISC NBR (EU-55) = Disconnect Telephone Number		
		TC OPT (EU-57) = Transfer of Call Options		

	Segment:	**REF** Reference Identification			

Position:	1000	
Loop:	POC	Optional
Level:	Detail	
Usage:	Optional	
Max Use:	>1	
Purpose:	To specify identifying information	
Syntax Notes:	1	At least one of REF02 or REF03 is required.
	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*IX*DNUM (EU-54)*DNUM	

Data Element Summary

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

Segment:	**DTM** Date/Time Reference			

Position: 2000
Loop: POC   Optional
Level: Detail
Usage: Optional
Max Use: 10
Purpose: To specify pertinent dates and times
Syntax Notes: 1   At least one of DTM02 DTM03 or DTM05 is required.
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*376*TC PER{CCYYMMDD}(EU-62)

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
M DTM01	374	**Date/Time Qualifier**	M	**ID 3/3**
		Code specifying type of date or time, or both date and time		
		376 Delivery End		
		The date that deliveries will end		
DTM02	373	**Date**	X	**DT 8/8**
		Date expressed as CCYYMMDD		
		TC PER (EU-62) = Transfer of Calls Period		

Segment: # SLN Subline Item Detail

Position:	4600
Loop:	SLN Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify product subline detail item data

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

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

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

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

Data Element Summary

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

			1	Always One		
	SLN05	**C001**		**Composite Unit of Measure**	**X**	

To identify a composite unit of measure (See Figures Appendix for examples of use)

M	**C00101**	**355**	**Unit or Basis for Measurement Code**	**M**	**ID 2/2**

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

    EA   Each

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 (EU-58)

Data Element Summary

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

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)			

Data Element Summary

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

	Segment:		**REF** Reference Identification

Position: 5700
Loop: N1 Optional
Level: Detail
Usage: Optional
Max Use: 12
Purpose: To specify identifying information
Syntax Notes: 1 At least one of REF02 or REF03 is required.
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*55*TCID (EU-58a)*PRI

Data Element Summary

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

Segment: # SLN Subline Item Detail

Position:	4600
Loop:	SLN Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify product subline detail item data

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

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

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

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

Data Element Summary

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

		1	Always One		
	SLN05	**C001**	**Composite Unit of Measure**	**X**	

To identify a composite unit of measure (See Figures Appendix for examples of use)

M	**C00101**	**355**	**Unit or Basis for Measurement Code**	**M**	**ID 2/2**

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

    EA   Each

	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)

Data Element Summary

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

Segment:	**N1** Name				

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)

Data Element Summary

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

Segment: # REF Reference Identification

Position: 5700
Loop: N1   Optional
Level: Detail
Usage: Optional
Max Use: 12
Purpose: To specify identifying information
Syntax Notes:
     1   At least one of REF02 or REF03 is required.
     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*55*TCID (EU-60)*SEC

Data Element Summary

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

			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:
  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:
Notes: POC*n*RZ******ZZ*RE [POC Loop repeats RSQTY (RE-5) times]

Data Element Summary

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

Segment: # SI Service Characteristic Identification

Position: 0180
Loop: POC   Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify service characteristic data
Syntax Notes:
1   If either SI04 or SI05 is present, then the other is required.
2   If either SI06 or SI07 is present, then the other is required.
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*NQ*NPI (RE-11)
SI*TI*SA*LNA (RE-12)
SI*TI*TN*TNS (RE-15)
SI*TI*OT*OTN (RE-19)
SI*TI*T6*TC OPT (RE-35)
SI*TI*SY*SSIG (RE-51)
SI*TI*PE*PULSE (RE-52)
SI*TI*TQ*TLI (RE-18a)
SI*TI*T5*TERS (RE-18)
SI*TI*LZ*LSCP (RE-53)

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	SI01	559	**Agency Qualifier Code**	M	ID 2/2

Code identifying the agency assigning the code values

TI	Telecommunications Industry	

M	SI02	1000	**Service Characteristics Qualifier**	M	AN 2/2

Code from an industry code list qualifying the type of service characteristics

LZ	Freeze Local Service Provider
NQ	Number Portability Indicator
OT	Out Telephone Number
PE	Pulse Type
SA	Service Activity
SY	Start Signaling
T5	Terminal Number
T6	Transfer of Calls Options
TN	Telephone Number
TQ	Telephone Line Identifier

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

Identifying number for a product or service

LNA (RE-12) = Line Activity
  CT=(DWS : X-TN Change)
  C=(DWS : C-Change)
  A=(DWS : N-New)
  D=(DWS : D-Disconnect)
  V=(DWS : V-Conversion of Service As Specified)
  P=(DWS : P-PIC Change)
  L=(DWS : L-Seasonal Suspend)
  W=(DWS : W-Conversion As Is)

NPI (RE-11) = Number Portability Indicator
TNS (RE-15) = Telephone Numbers
OTN (RE-19) = Out Telephone Number
TC OPT (RE-35) = Transfer of Call Options
SSIG (RE-51) = Start Signaling
PULSE (RE-52) = Type of Pulsing
TLI (RE-18a) = Telephone Line Identifier
TERS (RE-18) = Terminal Numbers
LSCP (RE-53) = Local Service Provider Change Prohibited

	Segment:	**PID** Product/Item Description

Position:	0500
Loop:	PID Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To describe a product or process in coded or free-form format
Syntax Notes:	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)

Data Element Summary

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

Segment: # REF **Reference Identification**

Position: 1000
Loop: POC   Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify identifying information
Syntax Notes:
1. At least one of REF02 or REF03 is required.
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*IX*LNUM (RE-9)*LNUM
REF*GP*TSP (RE-25)
REF*AE*SAN (RE-26)

Data Element Summary

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

Segment:		**DTM** Date/Time Reference			

Position: 2000
Loop: POC   Optional
Level: Detail
Usage: Optional
Max Use: 10
Purpose: To specify pertinent dates and times
Syntax Notes:
1   At least one of DTM02 DTM03 or DTM05 is required.
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*376*TC PER{CCYYMMDD}(RE-40)

Data Element Summary

Ref. Des. Attributes		Data Element	Name		
M	DTM01	374	**Date/Time Qualifier**	M	**ID 3/3**
			Code specifying type of date or time, or both date and time		
			376 Delivery End		
			The date that deliveries will end		
	DTM02	373	**Date**	X	**DT 8/8**
			Date expressed as CCYYMMDD		
			TC PER (RE-40) = Transfer of Calls Period		

	Segment:	**N1** Name
	Position:	3400
	Loop:	N1 Optional
	Level:	Detail
	Usage:	Optional
	Max Use:	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. Des. Attributes	Data Element	Name		
M N101	98	**Entity Identifier Code**	M	**ID 2/3**
		Code identifying an organizational entity, a physical location, property or an individual		
		P9 Primary Interexchange Carrier (PIC)		
		Identifies the carrier who will handle the interexchange calls		
N103	66	**Identification Code Qualifier**	X	**ID 1/2**
		Code designating the system/method of code structure used for Identification Code (67)		
		41 Telecommunications Carrier Identification Code		
		Identifies the Interexchange carrier for the charges being billed		
N104	67	**Identification Code**	X	**AN 2/80**
		Code identifying a party or other code		
		PIC (RE-30) = InterLATA Pre-subscription Indicator Code		

	Segment:	**N1** Name

Position:	3400	
Loop:	N1	Optional
Level:	Detail	
Usage:	Optional	
Max Use:	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*8V**41*LPIC (RE-31)	

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
M	**N101**	**98**	**Entity Identifier Code**	**M ID 2/3**
			Code identifying an organizational entity, a physical location, property or an individual	
			8V Primary Intra-LATA (Local Access Transport Area) Carrier	
	N103	**66**	**Identification Code Qualifier**	**X ID 1/2**
			Code designating the system/method of code structure used for Identification Code (67)	
			41 Telecommunications Carrier Identification Code	
			Identifies the Interexchange carrier for the charges being billed	
	N104	**67**	**Identification Code**	**X AN 2/80**
			Code identifying a party or other code	
			LPIC (RE-31) = IntraLATA Pre-subscription Indicator Code	

Updated: March 11, 2002   Qwest Communications International, Inc.   216
EDI Disclosure Document – Version 9.0

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.
	13 If either SLN27 or SLN28 is present, then the other is required.
Semantic Notes:	1 SLN01 is the identifying number for the subline item.
	2 SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials.
	3 SLN03 is the configuration code indicating the relationship of the subline item to the baseline item.
	4 SLN08 is a code indicating the relationship of the price or amount to the associated segment.
Comments:	1 See the Data Element Dictionary for a complete list of IDs.
	2 SLN01 is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1.
	3 SLN09 through SLN28 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.
Notes:	SLN*TCPRI*n*A*1*EA

Data Element Summary

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

		1	Always One		
	SLN05	**C001**	**Composite Unit of Measure**	**X**	

To identify a composite unit of measure (See Figures Appendix for examples of use)

| **M** | **C00101** | **355** | **Unit or Basis for Measurement Code** | **M** | **ID 2/2** |

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

   EA   Each

				Segment:	**SI** Service Characteristic Identification

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)

Data Element Summary

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

	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 (RE-38b)

Data Element Summary

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

Segment: **REF** Reference Identification

Position: 5700
Loop: N1   Optional
Level: Detail
Usage: Optional
Max Use: 12
Purpose: To specify identifying information
Syntax Notes: 1   At least one of REF02 or REF03 is required.
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*55*TCID (RE-38a)*PRI

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	REF01	128	**Reference Identification Qualifier**	M	ID 2/3
			Code qualifying the Reference Identification		
			55 Sequence Number		
	REF02	127	**Reference Identification**	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
			TCID (RE-38a) = Transfer of Calls to Identifier		
	REF03	352	**Description**	X	AN 1/80
			A free-form description to clarify the related data elements and their content		
			"PRI"		

Segment: # SLN Subline Item Detail

Position: 4600
Loop: SLN   Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify product subline detail item data
Syntax Notes:
1   If either SLN04 or SLN05 is present, then the other is required.
2   If SLN07 is present, then SLN06 is required.
3   If SLN08 is present, then SLN06 is required.
4   If either SLN09 or SLN10 is present, then the other is required.
5   If either SLN11 or SLN12 is present, then the other is required.
6   If either SLN13 or SLN14 is present, then the other is required.
7   If either SLN15 or SLN16 is present, then the other is required.
8   If either SLN17 or SLN18 is present, then the other is required.
9   If either SLN19 or SLN20 is present, then the other is required.
10   If either SLN21 or SLN22 is present, then the other is required.
11   If either SLN23 or SLN24 is present, then the other is required.
12   If either SLN25 or SLN26 is present, then the other is required.
13   If either SLN27 or SLN28 is present, then the other is required.

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

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

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

Data Element Summary

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

		1	Always One		
	SLN05	**C001**	**Composite Unit of Measure**	**X**	

To identify a composite unit of measure (See Figures Appendix for examples of use)

M	**C00101**	**355**	**Unit or Basis for Measurement Code**	**M**	**ID 2/2**

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

    EA   Each

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 (RE-39)

Data Element Summary

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

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 (RE-42)

Data Element Summary

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

			Segment:	**REF** Reference Identification

Position: 5700
Loop: N1   Optional
Level: Detail
Usage: Optional
Max Use: 12
Purpose: To specify identifying information
Syntax Notes: 1   At least one of REF02 or REF03 is required.
       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*55*TCID (RE-41)*SEC

Data Element Summary

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

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

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

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

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

Data Element Summary

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

Numeric value of quantity

IWJQ (RE-49) = Inside Wire Jack Quantity

	SLN05	C001	**Composite Unit of Measure**		X	

To identify a composite unit of measure (See Figures Appendix for examples of use)

M	C00101	355	**Unit or Basis for Measurement Code**		M	ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken
    EA   Each

	SLN09	235	**Product/Service ID Qualifier**		X	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)
    EQ   Equipment Type

	SLN10	234	**Product/Service ID**		X	AN 1/48

Identifying number for a product or service

IWJK (RE-48) = Inside Wire Jack Code

	Segment:	**SLN** Subline Item Detail

Position:	4600
Loop:	SLN Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify product subline detail item data
Syntax Notes:	1 If either SLN04 or SLN05 is present, then the other is required.
	2 If SLN07 is present, then SLN06 is required.
	3 If SLN08 is present, then SLN06 is required.
	4 If either SLN09 or SLN10 is present, then the other is required.
	5 If either SLN11 or SLN12 is present, then the other is required.
	6 If either SLN13 or SLN14 is present, then the other is required.
	7 If either SLN15 or SLN16 is present, then the other is required.
	8 If either SLN17 or SLN18 is present, then the other is required.
	9 If either SLN19 or SLN20 is present, then the other is required.
	10 If either SLN21 or SLN22 is present, then the other is required.
	11 If either SLN23 or SLN24 is present, then the other is required.
	12 If either SLN25 or SLN26 is present, then the other is required.
	13 If either SLN27 or SLN28 is present, then the other is required.
Semantic Notes:	1 SLN01 is the identifying number for the subline item.
	2 SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials.
	3 SLN03 is the configuration code indicating the relationship of the subline item to the baseline item.
	4 SLN08 is a code indicating the relationship of the price or amount to the associated segment.
Comments:	1 See the Data Element Dictionary for a complete list of IDs.
	2 SLN01 is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1.
	3 SLN09 through SLN28 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.
Notes:	SLN*BL*n*A*1*EA

Data Element Summary

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

			1	Always One		
	SLN05	**C001**	**Composite Unit of Measure**		**X**	

To identify a composite unit of measure (See Figures Appendix for examples of use)

M		**C00101**	**355**	**Unit or Basis for Measurement Code**	**M**	**ID 2/2**

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

    EA   Each

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*BB*BA (RE-54)*TB*BLOCK (RE-55)

Data Element Summary

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

Segment: # SLN Subline Item Detail

Position:	4600
Loop:	SLN Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify product subline detail item data

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

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

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

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

Data Element Summary

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

			1	Always One		
	SLN05	**C001**		**Composite Unit of Measure**	**X**	

To identify a composite unit of measure (See Figures Appendix for examples of use)

M	**C00101**	**355**	**Unit or Basis for Measurement Code**	**M**	**ID 2/2**

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

  EA Each

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*SA*FA (RE-58)*SC*FEATURE (RE-59)
	SI*TI*FD*FEATURE DETAIL (RE-60) [SI Segment may repeat]

Data Element Summary

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

Segment: # POC Line Item Change - Regular Hunting

Position:	0100
Loop:	POC Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify changes to a line item
Syntax Notes:	**1** If POC03 is present, then both POC04 and POC05 are required.
	2 If POC07 is present, then POC06 is required.
	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:	
Notes:	POC*n*RZ******ZZ*HG [If this segment appears, HNTYP (LSR-116) = 5]

Data Element Summary

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

	Segment:	**SI** Service Characteristic Identification

Position: 0180
Loop: POC   Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify service characteristic data
Syntax Notes:
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*SA*HA (LSR-112)
SI*TI*SG*HID (LSR-113)
SI*TI*SF*HNTYP (LSR-116)

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	SI01	559	**Agency Qualifier Code**	M	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
M	SI02	1000	**Service Characteristics Qualifier**	M	AN 2/2
			Code from an industry code list qualifying the type of service characteristics		
			SA Service Activity		
			SF Service Feature/Option		
			SG Service Group		
M	SI03	234	**Product/Service ID**	M	AN 1/48
			Identifying number for a product or service		

HA (LSR-112) = Hunt Group Activity
   A = (DWS: N-New)
   C = (DWS: C-Change)
   D = (DWS: D-Remove)
   V = (DWS: V-Conversion As Specified)

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

HID (LSR-113) = Hunt Group Identifier

	Segment:	**REF** Reference Identification		

Position: 1000
Loop: POC   Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify identifying information
Syntax Notes:
1 At least one of REF02 or REF03 is required.
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*IX*HNUM (LSR-110)*HNUM
REF*IX*LOCNUM (LSR-109)*LOCNUM

Data Element Summary

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

Segment: # SLN Subline Item Detail

Position:	4600
Loop:	SLN Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify product subline detail item data

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

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

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

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

Data Element Summary

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

		1	Always One		
SLN05	**C001**		**Composite Unit of Measure**	**X**	

To identify a composite unit of measure (See Figures Appendix for examples of use)

M	**C00101**	**355**	**Unit or Basis for Measurement Code**	**M**	**ID 2/2**

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

   EA   Each

Segment:	**N9** Reference Identification

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

Data Element Summary

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

Segment: **MTX** Text

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

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
MTX02	1551	Message Text	X	AN 1/4096
		To transmit large volumes of message text		
		HTSEQ (LSR-118) = Hunting Sequence		

Segment:		**POC** Line Item Change - Multi-line Hunting			

Position: 0100
Loop: POC   Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify changes to a line item
Syntax Notes:
    1 If POC03 is present, then both POC04 and POC05 are required.
    2 If POC07 is present, then POC06 is required.
    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:
Notes: POC*n*RZ******ZZ*ML [If this segment appears, HNTYP (LSR-116) = 4]

Data Element Summary

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

Segment: # SI Service Characteristic Identification

Position: 0180
Loop: POC   Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify service characteristic data
Syntax Notes:
1   If either SI04 or SI05 is present, then the other is required.
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*SA*HA (LSR-112)
SI*TI*SG*HID (LSR-113)
SI*TI*SF*HNTYP (LSR-116)
SI*TI*TQ*TLI (LSR-115)

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
M SI01	559	**Agency Qualifier Code**	M	ID 2/2
		Code identifying the agency assigning the code values		
		TI Telecommunications Industry		
M SI02	1000	**Service Characteristics Qualifier**	M	AN 2/2
		Code from an industry code list qualifying the type of service characteristics		
		SA Service Activity		
		SF Service Feature/Option		
		SG Service Group		
		TQ Telephone Line Identifier		
M SI03	234	**Product/Service ID**	M	AN 1/48
		Identifying number for a product or service		

HA (LSR-112) = Hunt Group Activity
  A = (DWS: N-New)
  C = (DWS: C-Change)
  D = (DWS: D-Remove)
  V = (DWS: V-Conversion As Specified)

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

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

	Segment:	**REF** Reference Identification			

Position: 1000
Loop: POC   Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify identifying information
Syntax Notes: 1   At least one of REF02 or REF03 is required.
             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*IX*HNUM (LSR-110)*HNUM
REF*IX*LOCNUM (LSR-109)*LOCNUM

Data Element Summary

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

Segment: # SLN Subline Item Detail

Position:	4600
Loop:	SLN Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify product subline detail item data

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

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

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

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

Data Element Summary

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

		1	Always One		
	SLN05	**C001**	**Composite Unit of Measure**		**X**

To identify a composite unit of measure (See Figures Appendix for examples of use)

M	**C00101**	**355**	**Unit or Basis for Measurement Code**	**M**	**ID 2/2**

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

   EA   Each

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

Data Element Summary

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

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

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
MTX02	1551	Message Text	X	AN 1/4096
		To transmit large volumes of message text		
		HTSEQ (LSR-118) = Hunting Sequence		

| | | **Segment:** | **POC** Line Item Change - DL Form (Delivery Address/Information Section) |

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:	**1** POC01 is the purchase order line item identification.
Comments:	
Notes:	POC*n*RZ******ZZ*DA [POC Loop repeats DDQTY (DL-23) times]

Data Element Summary

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

Segment: **SI** Service Characteristic Identification

Position:	0180
Loop:	POC Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.
	2 If either SI06 or SI07 is present, then the other is required.
	3 If either SI08 or SI09 is present, then the other is required.
	4 If either SI10 or SI11 is present, then the other is required.
	5 If either SI12 or SI13 is present, then the other is required.
	6 If either SI14 or SI15 is present, then the other is required.
	7 If either SI16 or SI17 is present, then the other is required.
	8 If either SI18 or SI19 is present, then the other is required.
	9 If either SI20 or SI21 is present, then the other is required.
Semantic Notes:	
Comments:	1 SI01 defines the source for each of the service characteristics qualifiers.
Notes:	SI*TI*AD*DACT (DL-81)

Data Element Summary

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

	Segment:	**QTY** Quantity			

Position: 2930
Loop: QTY   Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify quantity information
Syntax Notes: 1   At least one of QTY02 or QTY04 is required.
             2   Only one of QTY02 or QTY04 may be present.
Semantic Notes: 1   QTY04 is used when the quantity is non-numeric.
Comments:
Notes: QTY*31*DIRQTYA (DL-103)*DY

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	QTY01	673	**Quantity Qualifier**	M	ID 2/2
			Code specifying the type of quantity		
			31 Additional Demand Quantity		
	QTY02	380	**Quantity**	X	R 1/15
			Numeric value of quantity		
			DIRQTYA (DL-103) = Number of Directories for Annual Delivery		
	QTY03	C001	**Composite Unit of Measure**	O	
			To identify a composite unit of measure (See Figures Appendix for examples of use)		
M	C00101	355	**Unit or Basis for Measurement Code**	M	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			DY Directory Books		
			Number of directory books delivered to customer		

Segment:	**QTY** Quantity				

Position: 2930
Loop: QTY   Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify quantity information
Syntax Notes: 1   At least one of QTY02 or QTY04 is required.
               2   Only one of QTY02 or QTY04 may be present.
Semantic Notes: 1   QTY04 is used when the quantity is non-numeric.
Comments:
Notes: QTY*38*DIRQTYNC (DL-104)*DY

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
M **QTY01**	**673**	**Quantity Qualifier**	**M**	**ID 2/2**
		Code specifying the type of quantity		
		38 Original Quantity		
QTY02	**380**	**Quantity**	**X**	**R 1/15**
		Numeric value of quantity		
		DIRQTYNC (DL-104) = Number of Directories Delivered on New Connect		
QTY03	**C001**	**Composite Unit of Measure**	**O**	
		To identify a composite unit of measure (See Figures Appendix for examples of use)		
M **C00101**	**355**	**Unit or Basis for Measurement Code**	**M**	**ID 2/2**
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
		DY Directory Books		
		Number of directory books delivered to customer		

Segment:	**N1** Name				

Position:	3400
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	**1** At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	**1** This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
	2 N105 and N106 further define the type of entity in N101.
Notes:	N1*DA*DELNAME

Data Element Summary

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

Segment:	**N4** Geographic Location	
Position:	3700	
Loop:	N1 Optional	
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify the geographic place of the named party	
Syntax Notes:	1 Only one of N402 or N407 may be present.	
	2 If N406 is present, then N405 is required.	
	3 If N407 is present, then N404 is required.	
Semantic Notes:		
Comments:	1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.	
	2 N402 is required only if city name (N401) is in the U.S. or Canada.	
Notes:	N4**STATE (DL-99)*ZIP (DL-100)	

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
N402	156	**State or Province Code**	X	ID 2/2
		Code (Standard State/Province) as defined by appropriate government agency		
		STATE (DL-99) = State/Province		
N403	116	**Postal Code**	O	ID 3/15
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)		
		ZIP (DL-100) = ZIP/Postal Code		

			Segment:	**NX2** Location ID Component		

Position: 3750
Loop: N1   Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To define types and values of a geographic location
Syntax Notes:
Semantic Notes:
Comments:
Notes:

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

Data Element Summary

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

DDANO (DL-85) = Delivery Address Number
DDASN (DL-88) = Delivery Address Street Name
DDASD (DL-87) = Delivery Address Street Directional Prefix
CITY (DL-98) = City
DDALO (DL-90a) = Delivery Address Location
DDASS (DL-90) = Delivery Address Street Directional Suffix
DDAPR (DL-84) = Delivery Address Number Prefix
DDASF (DL-86) = Delivery Address Number Suffix
DDATH (DL-89) = Delivery Address Street Type

Segment:	**POC** Line Item Change - DL Form (Service Details Section)				

Position: 0100
Loop: POC   Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify changes to a line item
Syntax Notes:
1. If POC03 is present, then both POC04 and POC05 are required.
2. If POC07 is present, then POC06 is required.
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:
Notes: POC*n*RZ******ZZ*DL*SH*RTY (DL-12) [POC Loop may repeat]

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
	POC01	350	**Assigned Identification**	**O**	**AN 1/20**
			Alphanumeric characters assigned for differentiation within a transaction set		
			"n" = nth assigned ID within POC loop		
M	**POC02**	670	**Change or Response Type Code**	**M**	**ID 2/2**
			Code specifying the type of change to the line item		
			RZ Replace All Values		
			Receiver should replace the corresponding values in the original purchase order with the values contained in the Purchase Order Change Transaction Set		
	POC08	235	**Product/Service ID Qualifier**	**X**	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			ZZ Mutually Defined		
	POC09	234	**Product/Service ID**	**X**	**AN 1/48**
			Identifying number for a product or service		
			"DL"		
	POC10	235	**Product/Service ID Qualifier**	**X**	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			SH Service Requested		
			A numeric or alphanumeric code from a list of services available to the customer		
	POC11	234	**Product/Service ID**	**X**	**AN 1/48**
			Identifying number for a product or service		
			RTY (DL-12) = Record Type		

	Segment:	**SI** Service Characteristic Identification		

Position:	0180	
Loop:	POC	Optional
Level:	Detail	
Usage:	Optional	
Max Use:	>1	
Purpose:	To specify service characteristic data	
Syntax Notes:	**1**	If either SI04 or SI05 is present, then the other is required.
	2	If either SI06 or SI07 is present, then the other is required.
	3	If either SI08 or SI09 is present, then the other is required.
	4	If either SI10 or SI11 is present, then the other is required.
	5	If either SI12 or SI13 is present, then the other is required.
	6	If either SI14 or SI15 is present, then the other is required.
	7	If either SI16 or SI17 is present, then the other is required.
	8	If either SI18 or SI19 is present, then the other is required.
	9	If either SI20 or SI21 is present, then the other is required.
Semantic Notes:		
Comments:	**1**	SI01 defines the source for each of the service characteristics qualifiers.
Notes:	SI*TI*LB*LACT (DL-10)	
	SI*TI*LE*LTY (DL-13)	
	SI*TI*TW*STYC (DL-15)	
	SI*TI*BR*TOA (DL-16)	
	SI*TI*DG*DOI (DL-17)	
	SI*TI*DN*DIRNAME (DL-34)	
	SI*TI*BO*BRO (DL-28)	

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	SI01	559	**Agency Qualifier Code**	M	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
M	SI02	1000	**Service Characteristics Qualifier**	M	AN 2/2
			Code from an industry code list qualifying the type of service characteristics		
			BO Business/Residence Placement Override		
			BR Directory Listings Type of Account		
			DG Degree of Indent		
			DN Directory Book Name		
			LB Listing Activity Indicator		
			LE Listing Type		
			TW Style Code		
M	SI03	234	**Product/Service ID**	M	AN 1/48
			Identifying number for a product or service		
			LACT (DL-10) = Listing Activity Indicator		
			LTY (DL-13) = Listing Type		
			STYC (DL-15) = Style Code		
			TOA (DL-16) = Type of Account		
			DOI (DL-17) = Degree of Indent		
			DIRNAME (DL-34) = Directory Name		
			BRO (DL-28) = Business/Residence Placement Override		

| | Segment: | **PID** Product/Item Description |

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*AR***SO-RSQ*OMTN (DL-41)
	PID*S**TI*AS***SO-RSQ*LNPL (DL-44)
	PID*S**TI*AT***SO-RSQ*ADI (DL-61)
	PID*S**TI*AW***SO-RSQ*DML (DL-25)
	PID*S**TI*AX***SO-RSQ*NOSL (DL-26)
	PID*S**TI*AY***SO-RSQ*TMKT (DL-27)
	PID*S**TI*BA***SO-RSQ*PROF (DL-32)

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	PID01	349	**Item Description Type**	M	ID 1/1
			Code indicating the format of a description		
			S Structured (From Industry Code List)		
	PID03	559	**Agency Qualifier Code**	X	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
	PID04	751	**Product Description Code**	X	AN 1/12
			A code from an industry code list which provides specific data about a product characteristic		
			AR Omit Telephone Number		
			AS Listed Name Placement		
			AT Address Indicator		
			AW Direct Mail List		

		AX	No Solicitation Indicator
		AY	Telemarketing
		BA	Professional Identifier

| **PID07** | **822** | **Source Subqualifier** | **O** | **AN 1/15** |

A reference that indicates the table or text maintained by the Source
Qualifier
SO-RSQ   Service Order - Reseller Questions list

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

Code indicating a Yes or No condition or response

OMTN (DL-41) = Omit TN
  Y=(DWS: O-Omit)
  Blank=(DWS: Blank-Do Not Omit)

LNPL (DL-44) = Letter Name Placement
  Y=(DWS: L-Letter Placement)
  Blank=(DWS: Blank-Default to Word Placement)

ADI (DL-61) = Address Indicator
  Y=(DWS: O-Omit in DA and Directory)
  Blank=(DWS: Blank-Do Not Omit)

DML (DL-25) = Direct Mail List
  Y=(DWS: O-Omit)
  Blank=(DWS: Blank-Do Not Omit)

TMKT (DL-27) = Telemarketing
  Y=(DWS: O-Omit From Telemarketing)
  Blank=(DWS: Blank-Do Not Omit)

NOSL (DL-26) = No Solicitation Indicator
PROF (DL-32) = Professional Identifier

| | | | Segment: | **REF** Reference Identification | | | |

Segment: **REF** Reference Identification

Position: 1000
Loop: POC Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify identifying information
Syntax Notes: 1 At least one of REF02 or REF03 is required.
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*LI*ALI (DL-11)

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
M REF01	128	**Reference Identification Qualifier**	M	ID 2/3
		Code qualifying the Reference Identification		
		LI Line Item Identifier (Seller's)		
REF02	127	**Reference Identification**	X	AN 1/30
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
		ALI (DL-11) = Alpha/Numeric Listing Identifier Code		

	Segment:	**N9** Reference Identification

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

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	N901	128	**Reference Identification Qualifier**	M	ID 2/3
			Code qualifying the Reference Identification		
			82 Data Item Description (DID) Reference		
			Specific data elements that the government will ask a contractor to provide and are spelled out in specific requirement documents		
	N902	127	**Reference Identification**	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
			"PLA"		

Segment: **MTX** Text

Position: 3260
Loop: N9   Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify textual data
Syntax Notes: 1   If MTX01 is present, then MTX02 is required.
    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. Des. Attributes	Data Element	Name		
MTX02	1551	Message Text	X	AN 1/4096
		To transmit large volumes of message text		
		PLA (DL-55) = Place Listing As		

Segment:	**N9** Reference Identification		

Position: 3200
Loop: N9 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To transmit identifying information as specified by the Reference Identification Qualifier
Syntax Notes:
1. At least one of N902 or N903 is required.
2. If N906 is present, then N905 is required.
3. If either C04003 or C04004 is present, then the other is required.
4. If either C04005 or C04006 is present, then the other is required.

Semantic Notes:
1. N906 reflects the time zone which the time reflects.
2. N907 contains data relating to the value cited in N902.

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

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
M **N901**	128	**Reference Identification Qualifier**	**M**	**ID 2/3**
		Code qualifying the Reference Identification		
		82 Data Item Description (DID) Reference		
		Specific data elements that the government will ask a contractor to provide and are spelled out in specific requirement documents		
N902	127	**Reference Identification**	**X**	**AN 1/30**
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
		"LTXTY"		
N903	369	**Free-form Description**	**X**	**AN 1/45**
		Free-form descriptive text		
		LTXTY (DL-57) = Listing Text Type		

Segment: # MTX Text

Position: 3260
Loop: N9   Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify textual data
Syntax Notes: 1   If MTX01 is present, then MTX02 is required.
       2   If MTX03 is present, then MTX02 is required.
       3   If MTX05 is present, then MTX04 is required.
Semantic Notes: 1   MTX05 is the number of lines to advance before printing.
Comments: 1   If MTX04 is "AA - Advance the specific number of lines before print",
       then MTX05 is required.
Notes: MTX**LTEXT (DL-59)

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
MTX02	1551	Message Text	X	AN 1/4096
		To transmit large volumes of message text		
		LTEXT (DL-59) = Line of Text		

	Segment:	**N9** Reference Identification
	Position:	3200
	Loop:	N9　　　Optional
	Level:	Detail
	Usage:	Optional
	Max Use:	1
	Purpose:	To transmit identifying information as specified by the Reference Identification Qualifier
	Syntax Notes:	1　At least one of N902 or N903 is required.
		2　If N906 is present, then N905 is required.
		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. Des. Attributes	Data Element	Name		
M **N901**	128	**Reference Identification Qualifier**	**M**	**ID 2/3**
		Code qualifying the Reference Identification		
		H7　　　　　　Standard Clause		
N902	127	**Reference Identification**	**X**	**AN 1/30**
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
		ORI　　　　　Order Instructions		
N903	369	**Free-form Description**	**X**	**AN 1/45**
		Free-form descriptive text		
		"DL"		

Segment:	**MTX** Text

Position: 3260
Loop: N9 Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify textual data
Syntax Notes: 1 If MTX01 is present, then MTX02 is required.
2 If MTX03 is present, then MTX02 is required.
3 If MTX05 is present, then MTX04 is required.
Semantic Notes: 1 MTX05 is the number of lines to advance before printing.
Comments: 1 If MTX04 is "AA - Advance the specific number of lines before print",
then MTX05 is required.
Notes: MTX**REMARKS (DL-113)

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
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:		**1**	This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.		
		2	N105 and N106 further define the type of entity in N101.		
Notes:		N1*DH*LISTINGS			

Data Element Summary

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

Segment: # IN2 Individual Name Structure Components

Position: 3550
Loop: N1   Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To sequence individual name components for maximum specificity
Syntax Notes:
Semantic Notes:
Comments:
Notes:
IN2*01*TITLE1 (DL-49)*TITLE1
IN2*01*TITLE1D (DL-52)*TITLE1D
IN2*02*LNFN (DL-46)*LNFN (DL-46)
IN2*05*LNLN (DL-45)
IN2*10*TL (DL-48)*TL
IN2*10*TLD (DL-51)*TLD
IN2*12*DESD (DL-50a)*DESD
IN2*18*NICK (DL-54)
IN2*21*DES (DL-47)

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
M IN201	1104	**Name Component Qualifier**	M	ID 2/2

Code identifying the type of name component

01	Prefix
02	First Name
05	Last Name
10	Generation
12	Combined (Unstructured) Name
18	Preferred First Name or Nickname
21	Professional Title

Ref. Des. Attributes	Data Element	Name		
M IN202	93	**Name**	M	AN 1/60

Free-form name

TITLE 1(DL-49) = Title of Address 1
TITLE1D (DL-52) = Title of Address 1 for Dual Name
LNFN (DL-46) = Listed Name First
LNLN (DL-45) = Listed Name Last
TL (DL-48) = Title of Lineage
TLD (DL-51) = Title of Lineage for Dual Name
DESD (DL-50a) = Designation for Dual Name
NICK (DL-54) = Nickname
DES (DL-47) = Designation

IN203	93	**Name**	O	AN 1/60

Free-form name

LNFN (DL-46) = Listed Name First
"TITLE1"
"TITLE1D"
"TL"
"TLD"
"DESD"

Segment:	**N4** Geographic Location

Position: 3700
Loop: N1   Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes:
  1   Only one of N402 or N407 may be present.
  2   If N406 is present, then N405 is required.
  3   If N407 is present, then N404 is required.
Semantic Notes:
Comments:
  1   A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
  2   N402 is required only if city name (N401) is in the U.S. or Canada.
Notes: N4**LAST (DL-71)

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
N402	156	**State or Province Code**	X	ID 2/2
		Code (Standard State/Province) as defined by appropriate government agency		
		LAST (DL-71) = Listed Address State/Province		

			Segment:	**NX2** Location ID Component

Position: 3750
Loop: N1   Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To define types and values of a geographic location
Syntax Notes:
Semantic Notes:
Comments:
Notes:

NX2*01*LANO (DL-63)
NX2*02*LASN (DL-66)
NX2*03*LASD (DL-65)
NX2*07*LALOC (DL-70)
NX2*18*LALO (DL-69)
NX2*40*LASS (DL-68)
NX2*59*LAPR (DL-62)
NX2*61*LASF (DL-64)
NX2*62*LATH (DL-67)

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	NX201	1106	**Address Component Qualifier**	M	ID 2/2

Code qualifying the type of address component

01	Street Number
02	Street Name
03	Prefix Direction
07	City Name
18	Unstructured Mailing Address
40	Street Suffix
59	Street Number Low
61	Street Number Fraction
62	Street Name Suffix

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

Address information

LANO (DL-63) = Listed Address Number
LASN (DL-66) = Listed Address Street Name
LASD (DL-65) = Listed Address Street Directional Prefix
LALOC (DL-70) = Listed Address Locality
LALO (DL-69) = Listed Address Location
LASS (DL-68) = Listed Address Street Directional Suffix
LAPR (DL-62) = Listed Address Number Prefix
LASF (DL-64) = Listed Address Number Suffix
LATH (DL-67) = Listed Address Street Type

		Segment:	**SI** Service Characteristic Identification

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

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
M **SI01**	559	**Agency Qualifier Code**	M	**ID 2/2**
		Code identifying the agency assigning the code values		
		TI Telecommunications Industry		
M **SI02**	1000	**Service Characteristics Qualifier**	M	**AN 2/2**
		Code from an industry code list qualifying the type of service characteristics		
		NS Non-Standard Telephone Number		
		TN Telephone Number		
M **SI03**	234	**Product/Service ID**	M	**AN 1/48**
		Identifying number for a product or service		
		LTN (DL-39) = Listed Telephone Number		
		NSTN (DL-40) = Non Standard Telephone Number		

Segment: # CTT Transaction Totals

Position:	0100
Loop:	CTT Optional
Level:	Summary
Usage:	Optional
Max Use:	1
Purpose:	To transmit a hash total for a specific element in the transaction set
Syntax Notes:	1 If either CTT03 or CTT04 is present, then the other is required.
	2 If either CTT05 or CTT06 is present, then the other is required.
Semantic Notes:	
Comments:	1 This segment is intended to provide hash totals to validate transaction completeness and correctness.
Notes:	CTT*Number of POC Segments

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
M CTT01	354	**Number of Line Items**	M	N0 1/6
		Total number of line items in the transaction set		

Segment: **SE** **Transaction Set Trailer**

Position:	0300
Loop:	
Level:	Summary
Usage:	Mandatory
Max Use:	1
Purpose:	To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)
Syntax Notes:	
Semantic Notes:	
Comments:	1 SE is the last segment of each transaction set.
Notes:	SE*Number of Segments*TRAN SET CONTROL #

Data Element Summary

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