DID In Only Trunk
Table of Contents

32. DID IN ONLY TRUNK

32.1 Business Description

Direct Inward Dialing (DID) In Only Trunk is a special PBX trunk arrangement that permits incoming calls from the exchange network to reach a specific PBX station directly without attendant assistance using analog trunk technology.

The following forms will be used between Qwest and the CLEC for DID In Only Trunk ordering purposes:

- LSR - Local Service Request
- EU - End User Information
- DRS - DID Resale Service
- DL - Directory Listing

The following Order Activity Matrices define the available Order, and/or Line and Listing Activities for DID In Only Trunk:

Business Rules for Combining Order, and/or Line and Listing Activities
for **DID In Only Trunk**

Order Activity Definition

Req Type	A C T	Definition	Application	LNA not used – see DTKACT and DTNRACT values below	Forms required
NB	N	New Installation	New installation of Resale DID Trunk(s).	DTKACT = N DTNRACT = N	LSR, EU, DRS, DL
	D	Disconnect	Disconnect all services at the account level with transfer of calls Disconnect all services at the account level with no transfer of calls	DTKACT = D DTNRACT = D	LSR, EU, DRS LSR, EU
	W	Conversion As Is	Change from one CLEC to another with no change to product or service or Directory Listing. Conversion of Retail or UNE-P PBX DID Trunks to Resale DID Trunks with no changes to product or service or Directory Listing.	Not Applicable	LSR, EU
	V	Conversion As Specified	Conversion As Specified valid on conversion from existing UNP-P PBX DID In Only Trunk(s) from one CLEC to another or conversions from Retail or UNE-P PBX DID In Only Trunk(s) to Resale DID Trunk(s) with changes in the service and can include Directory Listing changes.	DTKACT = N, D, C, W, or V DTNRACT = N, D, C, W, or V	LSR, EU, DRS, DL
	Z	Conversion As Specified, No Directory Listing	Conversion As Specified valid on conversion from existing UNP-P DID In Only Trunk(s)from one CLEC to another or conversions from Retail or UNE-P PBX DID Trunk(s) to Resale DID Trunk(s) with changes in the service, but with no Directory Listing changes.	DTKACT = N, D, C, W, or V DTNRACT = N, D, C, W, or V	LSR, EU, DRS
	C	Change	Change of an existing Resale DID Trunk(s) account already owned by the CLEC submitting the request such as, add/remove features, DID stations, add/remove trunk(s) to existing service/account, PIC/LPIC change, change/add/remove Directory Listing, change billing information, change telephone number	DTKACT = N, C, D DTNRACT = N, C, D	LSR, EU, DRS, DL (if changing listings)
	T	Outside Move	Outside move of an existing Resale DID Trunk(s) end user location.	DTKACT = N, D DTNRACT = N, D	LSR, EU, DRS, DL

Req Type	A C T	Definition	Application	LNA not used – see DTKACT and DTNRACT values below	Forms required
NB	L	Seasonal Suspend	Seasonal Suspend of an end user service who has elected temporary interruption of service	Not applicable	LSR, EU, DRS
	Y	Deny	Denial of an end user service	Not Applicable	
	B	Restore	Restoral of an end user service that was previously denied or seasonal suspend	Not Applicable	LSR, EU, DRS
	R	Record	Not Allowed	Not Applicable	
	M	Inside Move	Not Allowed	Not Applicable	

Telephone Number Activity – The DTNRACT field is required when the DTNRQ is populated.

DTNRACT	Definition	Application
N	Add New TN Block	Use to indicate the new TN blocks that are to be added.
D	Disconnect TN Block	Use to indicate the existing TN blocks that are to be disconnected.
V	Convert Existing TN Blocks As Specified	Indicates that existing TN Blocks are to be converted as specified.

Trunk Activity – The DTKACT field is required when the DTK is populated.

DTKACT	Definition	Application
N	Add New Trunk	Use to indicate the new trunks that are to be added.
D	Disconnect Trunk	Use to indicate the existing trunks that are to be disconnected.
V	Convert Existing Trunk As Specified	Indicates that existing trunks are to be converted as specified.
C	Change to Existing Trunk	Indicates that a change to an existing trunk is being requested.

LISTING ACTIVITIES

LACT	Definition	Application
N	New Listing	The DL form must specify all details about a new listing.
D	Delete existing listing	The DL form must indicate the ALI code, the listing name and text information to ensure the correct listing is deleted. A main listing cannot be deleted.
I	Change existing listing (new data)	Change activity is only valid if the person or business and book are staying the same, and just the details of the listing are changing. For example, if a person is changing their name, this would be a change of the listing. Otherwise, a delete and new must be used. Must have both an '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.

32.2 Business Model

See Appendix H

32.3 Developer Worksheets

See Appendices B and C - Developer Worksheets - Order

32.4 Trading Partner Access Information

ORDERING FUNCTION	PRODUCT ID
DID In Only Trunks Service Request	850DIOT
DID In Only Trunks Service Request Supplemental	860DIOT
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.

32.4.1 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.

32.4.2 ISA TABLE INFORMATION:

ANSI X12 ISA and IEA definitions:

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

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

	SENT TO Qwest	RECEIVED FROM Qwest
ISA01	*'00' (No Authorization information present)*	*'00' (No Authorization information present)*
ISA02	**Spaces** *(Authorization information)*	**Spaces** *(Authorization information)*
ISA03	*'00' (No Security information is present)*	*'00' (No Security information is present)*
ISA04	**Spaces** *(Security Information)*	**Spaces** *(Security information)*
ISA05	*Co-Provider TP qualifier*	*'ZZ' (Mutually Defined)*
ISA06	*Co-Provider TP ID*	*'QWESTO' (<u>Note</u>: This Trading partner ID is used only for QWEST order and post-order transactions. The "O" is the unique identifier.)*
ISA07	*'ZZ' (Mutually Defined)*	*Co-Provider TP qualifier*
ISA08	*'QWESTO' (<u>Note</u>: This Trading partner ID is used only for QWEST order and post-order transactions. The "O" is the unique identifier.)*	*Co-Provider TP ID*
ISA09	*Date of the interchange. YYMMDD*	*Date of the interchange. YYMMDD*
ISA10	*Time of the interchange. HHMM (24 Hour Clock)*	*Time of the interchange. HHMM (24 Hour Clock)*
ISA11	*'U' (U.S. EDI Community of ASC X-12, TDCC, and UCS)*	*'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)*

32.4.3 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	850DIOT	PO	*Co-Provider TP ID*	**DIOT90**
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	860DIOT	PC	*Co-Provider TP ID*	**DIOT90**
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*

32.4.4 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
DID Resale Service	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

32.5 Mapping Examples

32.5.1 850 DID In Only Trunks Service Request (850DIOT) – Version 4020

Legend of Symbols in this transaction example

Symbol/Definition	Example
{ } = Valid Format	{CCYYMMDD}
Bold/Italics = Developer's Worksheet Element	***PON***
Superscript = Developer's Worksheet Ref # DW's used in this mapping example: LSR=Local Service Request EU=End User DRS=DID Resale Service DL=Directory Listing	$^{LSR-2}$
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*JB*PROJECT^LSR-20
REF*SU*RTR^LSR-28*RTR
REF*CO*RPON^LSR-51*RPON
REF*1V*RORD^LSR-52*RORD
REF*12*BAN1^LSR-61*BAN1
REF*OW*ORD^DRS-5*ORD
PAM*48*PG_of_^LSR-10(1st 2 Bytes)*EA
PAM*47*PG_of_^LSR-10(2nd 2 Bytes)*EA
PAM*BH*DDQTY^DL-23*EA
SAC*N**TI*EXP                              [If this segment appears then EXP^LSR-26 = "Y"]
DTM*097*D/TSENT{CCYYMMDD}^LSR-12*D/TSENT{HHMM}^LSR-12
DTM*150*DDD{CCYYMMDD}^LSR-14
DTM*270*DATED{CCYYMMDD}^LSR-36
DTM*992****TM*DFDT{HHMM}^LSR-19
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*NC*NC^LSR-46
```

SI*TI*NI***NCI**[LSR-48]
SI*TI*IW***IWO**[EU-36]
PID*S**TI*AH***SO-RSQ***CHC**[LSR-22]
PID*S**TI*CONVIND***SO-RSQ****CONVIND***[LSR-24a]
PID*S**TI*AO***SO-RSQ***AGAUTH**[LSR-35]
PID*S**TI*BI***SO-RSQ****FBI***[EU-42]
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]
N9*H7*ORI**DRS*****2W>**MANUAL IND**[DRS-31a]
MTX***REMARKS**[DRS-31]
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]
N1*ZE***CPE MFR**[EU-32]
REF*MJ***CPE MOD**[EU-33]

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_

DRS Form (DID Resale Service Section)

PO1*n*1*EA***ZZ*_DRS_   [PO1 Loop may repeat]
SI*TI*CM***CKR**[DRS-10]
SI*TI*SA***DTKACT**[DRS-17]
SI*TI*TH***DTGN**[DRS-19]
SI*TI*RI***DRTI**[DRS-20]
SI*TI*TQ***DTLI**[DRS-21]
SI*TI*TK***DTKID**[DRS-22]
SI*TI*DD***DGOUT**[DRS-23]
SI*TI*PE***DPULSE**[DRS-24]
SI*TI*TS***DSGNL**[DRS-25]
REF*IX***DIDNUM**[DRS-8]*DIDNUM
QTY*FJ***DTK**[DRS-18]*EA
SLN*_DTNR_*n*A*1*EA   [SLN Loop may repeat]
SI*TI*SA***DTNRACT**[DRS-11]
SI*TI*T9***DTNR**[DRS-13]
QTY*FL***DTNRQ**[DRS-12]*EA
QTY*20***DSTNQ**[DRS-15]*EA
QTY*JA**EA*_DSTN_   [QTY Loop repeats **DSTNQ**[DRS-15] times]
SI*TI*SA***DSTNACT**[DRS-14]
SI*TI*DY***DSTN**[DRS-16]

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*05***LNLN***[DL-45]
IN2*02***LNFN***[DL-46]****LNFN***[DL-46]
IN2*21***DES***[DL-47]
IN2*10***TL***[DL-48]**TL*
IN2*01***TITLE1***[DL-49]**TITLE1*
IN2*12***DESD***[DL-50a]**DESD*
IN2*10***TLD***[DL-51]**TLD*
IN2*01***TITLE1D***[DL-52]**TITLE1D*
IN2*18***NICK***[DL-54]
N4****LAST***[DL-71]
NX2*01***LANO***[DL-63]
NX2*02***LASN***[DL-66]
NX2*03***LASD***[DL-65]
NX2*07***LALOC***[DL-70]
NX2*18***LALO***[DL-69]
NX2*40***LASS***[DL-68]
NX2*59***LAPR***[DL-62]
NX2*61***LASF***[DL-64]
NX2*62***LATH***[DL-67]
SI*TI*TN***LTN***[DL-39]
SI*TI*NS***NSTN***[DL-40]

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 #

32.5.2 DIOT 860 SUPP - Specific Fields – Version 4020

The 860DIOT is identical to the 850DIOT except for the following:
ST*860*TRAN SET CONTROL #
BCH***SUP***[LSR-25]*SS***PON***[LSR-2]****VER***[LSR-3]*PO Date (See Trading Partner Access Information)
POC*n*RZ******ZZ*?? Where?? = "*EU_DISC*" or "*EU_SA*" or "*DRS*" or "*DA*"
POC*n*RZ******ZZ*??*SH***RTY***[DL-12] Where?? = "*DL*"

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

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

32.6 Data Dictionary

32.6.1 850 DID In Only Trunks Service Request (850DIOT)

Functional Group ID=PO

Introduction:

The 850DIOT Service Request will be used by the Co-Provider to initiate a service request for DID In Only Trunks to Qwest.

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

Notes:

This 850 Transaction includes the mappings for Local Service Request, End User, DID Resale Service 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	
	3100	N1	Name	O	1		
	3600	PER	Administrative Communications Contact	O	>1		

				Req.		Loop	Notes and

			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 - N1			200	
	3500	N1	Name	O	1		
	3900	REF	Reference Identification	O	12		
			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 - DRS Form (DID Resale Service Section)	M	1		n3
	0180	SI	Service Characteristic Identification	O	>1		
	1000	REF	Reference Identification	O	>1		
			LOOP ID - QTY			>1	
	2930	QTY	Quantity	O	1		
			LOOP ID - SLN			>1	
	4700	SLN	Subline Item Detail	O	1		
	4800	SI	Service Characteristic Identification	O	>1		
			LOOP ID - QTY			>1	
	5290	QTY	Quantity	O	1		
			LOOP ID - QTY			>1	
	5290	QTY	Quantity	O	1		
			LOOP ID - QTY			>1	
	5290	QTY	Quantity	O	1		
	5300	SI	Service Characteristic Identification	O	>1		
			LOOP ID - PO1			100000	
M	0100	PO1	Baseline Item Data - DL Form (Delivery Address/Information Section)	M	1		n4
	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		n5
	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	n6

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		n7
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. The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

	Segment:	## ST Transaction Set Header

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

Data Element Summary

	Ref. Des. 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**

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

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*JB*PROJECT(LSR-20)
REF*SU*RTR(LSR-28)*RTR
REF*CO*RPON(LSR-51)*RPON
REF*1V*RORD(LSR-52)*RORD
REF*12*BAN1(LSR-61)*BAN1
REF*OW*ORD(DRS-5)*ORD

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

CO	Customer Order Number
JB	Job (Project) Number
OW	Service Order Number

Number assigned when a customer orders service and equipment and which appears on bill

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
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
ORD (DRS-5) = Order Number

REF03	**352**	**Description**	**X**	**AN 1/80**

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

"AN"
"EAN"
"RTR"
"RPON"
"RORD"
"BAN1"
"ORD"

Segment: # PAM Period Amount

Position:	0950
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	10
Purpose:	To indicate a quantity, and/or amount for an identified period

Syntax Notes:
1 If any of PAM01 PAM02 or PAM03 is present, then all are required.
2 At least one of PAM02 PAM05 or PAM14 is required.
3 If either PAM04 or PAM05 is present, then the other is required.
4 If either PAM06 or PAM07 is present, then the other is required.
5 If PAM07 is present, then at least one of PAM08 or PAM09 is required.
6 If PAM07 is present, then PAM06 is required.
7 If PAM08 is present, then PAM07 is required.
8 If PAM09 is present, then PAM07 is required.
9 If PAM10 is present, then at least one of PAM11 or PAM12 is required.
10 If PAM11 is present, then PAM10 is required.
11 If either PAM13 or PAM14 is present, then the other is required.

Semantic Notes:
1 PAM10, PAM11, or PAM12 are used when two dates are required.
2 PAM15 indicates whether the monetary amount identified in PAM05 is a net or gross value. A "Y" indicates amount is a gross value; an "N" indicates amount is a net value.

Comments:

Notes:
PAM*48*PG_of_(LSR-10)(1st 2 Bytes)*EA
PAM*47*PG_of_(LSR-10)(2nd 2 Bytes)*EA
PAM*BH*DDQTY(DL-23)*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		
PAM02	380	**Quantity**	X	R 1/15
		Numeric value of quantity		
		First 2 bytes of PG_of_ (LSR-10)		
		Second 2 bytes of PG_of_ (LSR-10)		
		DDQTY (DL-23) = Number of Delivery Segments		
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"]

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

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

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
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
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

TM Time Expressed in Format HHMM

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

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

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

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*NC*NC(LSR-46)
	SI*TI*NI*NCI(LSR-48)
	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
NC	Network Channel
NI	Network Channel Interface
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)
  W=(DWS : W-Conversion As Is)
  V=(DWS : V-Conv. As Specified)
  Z=(DWS : Z-Conversion As Spec/No Listing)

C=(DWS : C-Change)
T=(DWS : T-Outside Move (T/F))
M=(DWS : M-Inside Move)

REQTYP (LSR-23) = Requisition Type and Status
LSO (LSR-43) = Local Service Office
TOS (LSR-44) = Type of Service
NC (LSR-46) = Network Channel Code
NCI (LSR-48) = Network Channel Interface Code
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*AH***SO-RSQ*CHC(LSR-22)
	PID*S**TI*CONVIND***SO-RSQ*CONVIND(LSR-24a)
	PID*S**TI*AO***SO-RSQ*AGAUTH(LSR-35)
	PID*S**TI*BI***SO-RSQ*FBI(EU-42)

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		
		AH Coordinated Hot Cut		
		AO Agency Authorization Status		
		BI Final Bill Information Indicator		
		CONVIND Conversion 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

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

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

CHC (LSR-22) = Coordinated Hot Cut
AGAUTH (LSR-35) = Agency Authorization Status

	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:	**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*DRS****2W>MANUAL IND(DRS-31a)

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		
			"DRS"		
	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 (DRS-31a) = 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(DRS-31)

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 (DRS-31) = 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

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				

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

Ref. Des.	Data Element	Name		
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) = Street 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 Valid 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				

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

Segment: # PER Administrative Communications Contact

Position: 4000
Loop: N1   Optional
Level: Detail
Usage: Optional
Max Use: 3
Purpose: To identify a person or office to whom administrative communications should be directed
Syntax Notes:
1. If either PER03 or PER04 is present, then the other is required.
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:		**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*ZE*CPE MFR(EU-32)

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	
			ZE End Item Manufacturer	
			Manufacturer of the end item associated with the required material	
	N102	93	**Name**	X AN 1/60
			Free-form name	
			CPE MFR (EU-32) = Customer Premises Equipment Manufacturer	

Segment:	**REF** Reference Identification				

Position: 3900
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*MJ*CPE MOD(EU-33)

Data Element Summary

Ref. Des. Attributes	Data Element	Name			
M	REF01	128	**Reference Identification Qualifier**	M	ID 2/3
			Code qualifying the Reference Identification		
			MJ Model 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		
			CPE MOD (EU-33) = Customer Premises Equipment Model Number		

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

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		
			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

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:	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

Updated: March 11, 2002   Qwest Communications International, Inc.   78
EDI Disclosure Document – Version 9.0

			Segment:	**SI** Service Characteristic Identification

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

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-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 - DRS Form (DID Resale Service 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*DRS [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		
		"DRS"		

			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*CM*CKR(DRS-10)
SI*TI*SA*DTKACT(DRS-17)
SI*TI*TH*DTGN(DRS-19)
SI*TI*RI*DRTI(DRS-20)
SI*TI*TQ*DTLI(DRS-21)
SI*TI*TK*DTKID(DRS-22)
SI*TI*DD*DGOUT(DRS-23)
SI*TI*PE*DPULSE(DRS-24)
SI*TI*TS*DSGNL(DRS-25)

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		
			CM Local Service Providers Circuit Number		
			DD Digits Outpulsed		
			PE Pulse Type		
			RI Route Index		
			SA Service Activity		
			TH Trunk Group Number		
			TK Trunk Number/Identification		
			TQ Telephone Line Identifier		
			TS Type of Signaling		
M	SI03	234	**Product/Service ID**	M	AN 1/48
			Identifying number for a product or service		
			CKR (DRS-10) = Customer Circuit Reference		

DTKACT (DRS-17) = DID Trunk Activity
DTGN (DRS-19) = Trunk Group Number
DRTI (DRS-20) = DID Route Index Number
DTLI (DRS-21) = DID Telephone Line Identifier
DTKID (DRS-22) = DID Trunk ID
DGOUT (DRS-23) = DID Digits Out
DPULSE (DRS-24) = DID Type of Pulsing
DSGNL (DRS-25) = DID Signaling

			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*DIDNUM(DRS-8)*DIDNUM

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		
			DIDNUM (DRS-8) = DID Reference Number		
	REF03	352	**Description**	X	**AN 1/80**
			A free-form description to clarify the related data elements and their content		
			"DIDNUM"		

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*FJ*DTK(DRS-18)*EA

Data Element Summary

Ref. Des. Attributes		Data Element	Name		
M	QTY01	673	**Quantity Qualifier**	M	ID 2/2
			Code specifying the type of quantity		
			FJ Trunked Channels		
	QTY02	380	**Quantity**	X	R 1/15
			Numeric value of quantity		
			DTK (DRS-18) = DID Trunk Quantity		
	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		
			EA Each		

			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*DTNR*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		
			"DTNR"		
	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*DTNRACT(DRS-11)
	SI*TI*T9*DTNR(DRS-13)

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		
			T9 DID Telephone Number Range		
M	SI03	234	**Product/Service ID**	M	AN 1/48
			Identifying number for a product or service		
			DTNRACT (DRS-11) = DID Telephone Number Activity		
			DTNR (DRS-13) = DID Telephone Number Range		

	Segment:	**QTY** Quantity	

Position: 5290
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*FL*DTNRQ(DRS-12)*EA

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	QTY01	673	**Quantity Qualifier**	M	ID 2/2
			Code specifying the type of quantity		
			FL Units		
	QTY02	380	**Quantity**	X	R 1/15
			Numeric value of quantity		
			DTNRQ (DRS-12) = DID Telephone Number Quantity		
	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		
			EA Each		

	Segment:	**QTY** Quantity			
	Position:	5290			
	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*20*DSTNQ(DRS-15)*EA			

Data Element Summary

Attributes	Ref. Des.	Data Element	Name		
M	QTY01	673	**Quantity Qualifier**	M	ID 2/2
			Code specifying the type of quantity		
			20 Unusable Quantity		
	QTY02	380	**Quantity**	X	R 1/15
			Numeric value of quantity		
			DSTNQ (DRS-15) = Disassociated Telephone Number Quantity		
	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		
			EA Each		

Segment:	**QTY** Quantity

Position: 5290
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*JA**EA*DSTN   [QTY Loop repeats DSTNQ(DRS-15) times]

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
M QTY01	673	**Quantity Qualifier**	M	ID 2/2
		Code specifying the type of quantity		
		JA Activity Codes		
		Number of activity codes assigned to company's activities		
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		
		EA Each		
QTY04	61	**Free-Form Message**	X	AN 1/30
		Free-form information		
		"DSTN"		

	Segment:	**SI** Service Characteristic Identification

Position:	5300
Loop:	QTY 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*DSTNACT(DRS-14)
	SI*TI*DY*DSTN(DRS-16)

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		
			DY Disassociated Telephone Number		
			SA Service Activity		
M	SI03	234	**Product/Service ID**	M	**AN 1/48**
			Identifying number for a product or service		
			DSTNACT (DRS-14) = Disassociated Telephone Number Activity		
			DSTN (DRS-16) = Disassociated Telephone Number		

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		
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:	**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

Attributes	Ref. Des.	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		

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*05*LNLN(DL-45)
IN2*02*LNFN(DL-46)*LNFN(DL-46)
IN2*21*DES(DL-47)
IN2*10*TL(DL-48)*TL
IN2*01*TITLE1(DL-49)*TITLE1
IN2*12*DESD(DL-50a)*DESD
IN2*10*TLD(DL-51)*TLD
IN2*01*TITLE1D(DL-52)*TITLE1D
IN2*18*NICK(DL-54)

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

M	IN202	93	**Name**	M	AN 1/60

Free-form name

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

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

Free-form name

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

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

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

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		

32.6.2 860 DID In Only Trunks Supplemental Service Request (860DIOT)

Functional Group ID=PC

Introduction:

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

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

Notes:

This 860 Transaction includes the mappings for Local Service Request, End User, DID Resale Service 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		
	3500	PER	Administrative Communications Contact	O	>1		
			LOOP ID - N1			200	

Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
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 - N1			200	
3400	N1	Name	O	1		
3800	REF	Reference Identification	O	12		
		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 - DRS Form (DID Resale Service Section)	O	1	
0180	SI	Service Characteristic Identification	O	>1	
1000	REF	Reference Identification	O	>1	
		LOOP ID - QTY			>1
2930	QTY	Quantity	O	1	
		LOOP ID - SLN			>1
4600	SLN	Subline Item Detail	O	1	
4700	SI	Service Characteristic Identification	O	>1	
		LOOP ID - QTY			>1
5190	QTY	Quantity	O	1	
		LOOP ID - QTY			>1
5190	QTY	Quantity	O	1	
		LOOP ID - QTY			>1
5190	QTY	Quantity	O	1	
5210	SI	Service Characteristic Identification	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. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and 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	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)		
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*JB*PROJECT(LSR-20)
REF*SU*RTR(LSR-28)*RTR
REF*CO*RPON(LSR-51)*RPON
REF*1V*RORD(LSR-52)*RORD
REF*12*BAN1(LSR-61)*BAN1
REF*OW*ORD(DRS-5)*ORD
```

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

CO	Customer Order Number
JB	Job (Project) Number
OW	Service Order Number

Number assigned when a customer orders service and equipment and which appears on bill

SU	Special Processing Code

Unique code identifying the special handling requirements for the claim

Ref. Des.	Data Element	Name		
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
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
ORD (DRS-5) = Order Number

REF03	**352**	**Description**	**X**	**AN 1/80**

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

"AN"
"EAN"
"RTR"
"RPON"
"RORD"
"BAN1"
"ORD"

Segment: # PAM Period Amount

Position:	0950
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	10
Purpose:	To indicate a quantity, and/or amount for an identified period

Syntax Notes:
1. If any of PAM01 PAM02 or PAM03 is present, then all are required.
2. At least one of PAM02 PAM05 or PAM14 is required.
3. If either PAM04 or PAM05 is present, then the other is required.
4. If either PAM06 or PAM07 is present, then the other is required.
5. If PAM07 is present, then at least one of PAM08 or PAM09 is required.
6. If PAM07 is present, then PAM06 is required.
7. If PAM08 is present, then PAM07 is required.
8. If PAM09 is present, then PAM07 is required.
9. If PAM10 is present, then at least one of PAM11 or PAM12 is required.
10. If PAM11 is present, then PAM10 is required.
11. If either PAM13 or PAM14 is present, then the other is required.

Semantic Notes:
1. PAM10, PAM11, or PAM12 are used when two dates are required.
2. PAM15 indicates whether the monetary amount identified in PAM05 is a net or gross value. A "Y" indicates amount is a gross value; an "N" indicates amount is a net value.

Comments:

Notes:
PAM*48*PG_of_(LSR-10)(1st 2 Bytes)*EA
PAM*47*PG_of_(LSR-10)(2nd 2 Bytes)*EA
PAM*BH*DDQTY(DL-23)*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		
PAM02	380	**Quantity**	X	R 1/15
		Numeric value of quantity		
		First 2 bytes of PG_of_ (LSR-10)		
		Second 2 bytes of PG_of_ (LSR-10)		
		DDQTY (DL-23) = Number of Delivery Segments		
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"]

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		

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

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
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
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

TM	Time Expressed in Format HHMM

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

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

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

DFDT{HHMM} (LSR-19) = Desired Frame Due Time

	Segment:	**SI** Service Characteristic Identification			

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*NC*NC(LSR-46)
	SI*TI*NI*NCI(LSR-48)
	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		
			NC Network Channel		
			NI Network Channel Interface		
			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)		
			W=(DWS : W-Conversion As Is)		
			V=(DWS : V-Conv. As Specified)		
			Z=(DWS : Z-Conversion As Spec/No Listing)		

C=(DWS : C-Change)
T=(DWS : T-Outside Move (T/F))
M=(DWS : M-Inside Move)

REQTYP (LSR-23) = Requisition Type and Status
LSO (LSR-43) = Local Service Office
TOS (LSR-44) = Type of Service
NC (LSR-46) = Network Channel Code
NCI (LSR-48) = Network Channel Interface Code
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*AH***SO-RSQ*CHC(LSR-22)
PID*S**TI*CONVIND***SO-RSQ*CONVIND(LSR-24a)
PID*S**TI*AO***SO-RSQ*AGAUTH(LSR-35)
PID*S**TI*BI***SO-RSQ*FBI(EU-42)
```

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		
			AH Coordinated Hot Cut		
			AO Agency Authorization Status		
			BI Final Bill Information Indicator		
			CONVIND Conversion 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

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

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

CHC (LSR-22) = Coordinated Hot Cut
AGAUTH (LSR-35) = Agency Authorization Status

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:	**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*DRS****2W>MANUAL IND(DRS-31a)

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		
			"DRS"		
	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 (DRS-31a) = 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(DRS-31)

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 (DRS-31) = 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

	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

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	

Ref. Des.	Data Element	Name		
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) = Street 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 Fromat 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 Valid 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		

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

Segment: # PER Administrative Communications Contact

Position: 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

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		
			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:	**N1** Name

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*ZE*CPE MFR(EU-32)

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		
		ZE End Item Manufacturer		
		Manufacturer of the end item associated with the required material		
N102	93	**Name**	X	**AN 1/60**
		Free-form name		
		CPE MFR (EU-32) = Customer Premises Equipment Manufacturer		

Segment:	**REF** Reference Identification

Position: 3800
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*MJ*CPE MOD(EU-33)

Data Element Summary

Ref. Des. Attributes		Data Element	Name		
M	REF01	128	**Reference Identification Qualifier**	M	**ID 2/3**
			Code qualifying the Reference Identification		
			MJ Model 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		
			CPE MOD (EU-33) = Customer Premises Equipment Model Number		

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

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				

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			

<table>
<tr><td align="right">**Segment:**</td><td># REF Reference Identification</td></tr>
<tr><td align="right">**Position:**</td><td>1000</td></tr>
<tr><td align="right">**Loop:**</td><td>POC   Optional</td></tr>
<tr><td align="right">**Level:**</td><td>Detail</td></tr>
<tr><td align="right">**Usage:**</td><td>Optional</td></tr>
<tr><td align="right">**Max Use:**</td><td>>1</td></tr>
<tr><td align="right">**Purpose:**</td><td>To specify identifying information</td></tr>
<tr><td align="right">**Syntax Notes:**</td><td>1   At least one of REF02 or REF03 is required.</td></tr>
<tr><td></td><td>2   If either C04003 or C04004 is present, then the other is required.</td></tr>
<tr><td></td><td>3   If either C04005 or C04006 is present, then the other is required.</td></tr>
<tr><td align="right">**Semantic Notes:**</td><td>1   REF04 contains data relating to the value cited in REF02.</td></tr>
<tr><td align="right">**Comments:**</td><td></td></tr>
<tr><td align="right">**Notes:**</td><td>REF*IX*DNUM(EU-54)*DNUM</td></tr>
</table>

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 |

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
	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

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-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 - DRS Form (DID Resale Service

Segment: **POC** Line Item Change - DRS Form (DID Resale Service 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*DRS [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		
			"DRS"		

	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*CM*CKR(DRS-10)
SI*TI*SA*DTKACT(DRS-17)
SI*TI*TH*DTGN(DRS-19)
SI*TI*RI*DRTI(DRS-20)
SI*TI*TQ*DTLI(DRS-21)
SI*TI*TK*DTKID(DRS-22)
SI*TI*DD*DGOUT(DRS-23)
SI*TI*PE*DPULSE(DRS-24)
SI*TI*TS*DSGNL(DRS-25)

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		
			CM Local Service Providers Circuit Number		
			DD Digits Outpulsed		
			PE Pulse Type		
			RI Route Index		
			SA Service Activity		
			TH Trunk Group Number		
			TK Trunk Number/Identification		
			TQ Telephone Line Identifier		
			TS Type of Signaling		
M	SI03	234	**Product/Service ID**	M	AN 1/48
			Identifying number for a product or service		
			CKR (DRS-10) = Customer Circuit Reference		

DTKACT (DRS-17) = DID Trunk Activity
DTGN (DRS-19) = Trunk Group Number
DRTI (DRS-20) = DID Route Index Number
DTLI (DRS-21) = DID Telephone Line Identifier
DTKID (DRS-22) = DID Trunk ID
DGOUT (DRS-23) = DID Digits Out
DPULSE (DRS-24) = DID Type of Pulsing
DSGNL (DRS-25) = DID Signaling

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*DIDNUM(DRS-8)*DIDNUM

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		
			DIDNUM (DRS-8) = DID Reference Number		
	REF03	**352**	**Description**	**X**	**AN 1/80**
			A free-form description to clarify the related data elements and their content		
			"DIDNUM"		

	Segment:	**QTY** Quantity				

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*FJ*DTK(DRS-18)*EA

Data Element Summary

	Ref. Des. Attributes	Data Element	Name			
M	QTY01	673	**Quantity Qualifier**		M	ID 2/2
			Code specifying the type of quantity			
			FJ Trunked Channels			
	QTY02	380	**Quantity**		X	R 1/15
			Numeric value of quantity			
			DTK (DRS-18) = DID Trunk Quantity			
	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			
			EA Each			

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*DTNR*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		
			"DTNR"		
	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*DTNRACT(DRS-11)
	SI*TI*T9*DTNR(DRS-13)

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		
			T9 DID Telephone Number Range		
M	**SI03**	234	**Product/Service ID**	M	**AN 1/48**
			Identifying number for a product or service		
			DTNRACT (DRS-11) = DID Telephone Number Activity DTNR (DRS-13) = DID Telephone Number Range		

			Segment:	**QTY** Quantity

Position: 5190
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*FL*DTNRQ(DRS-12)*EA

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	QTY01	673	**Quantity Qualifier**	M	ID 2/2
			Code specifying the type of quantity		
			FL Units		
	QTY02	380	**Quantity**	X	R 1/15
			Numeric value of quantity		
			DTNRQ (DRS-12) = DID Telephone Number Quantity		
	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		
			EA Each		

Segment:		**QTY** Quantity			

Position: 5190
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*20*DSTNQ(DRS-15)*EA

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	QTY01	673	**Quantity Qualifier**	M	ID 2/2
			Code specifying the type of quantity		
			20 Unusable Quantity		
	QTY02	380	**Quantity**	X	R 1/15
			Numeric value of quantity		
			DSTNQ (DRS-15) = Disassociated Telephone Number Quantity		
	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		
			EA Each		

	Segment:	**QTY** Quantity		

Position: 5190
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*JA**EA*DSTN [QTY Loop repeats DSTNQ(DRS-15) times]

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	QTY01	673	**Quantity Qualifier**	M	ID 2/2
			Code specifying the type of quantity		
			JA Activity Codes		
			Number of activity codes assigned to company's activities		
	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		
			EA Each		
	QTY04	61	**Free-Form Message**	X	AN 1/30
			Free-form information		
			"DSTN"		

	Segment:	**SI** Service Characteristic Identification		

Position: 5210
Loop: QTY   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*DSTNACT(DRS-14)
SI*TI*DY*DSTN(DRS-16)

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		
			DY Disassociated Telephone Number		
			SA Service Activity		
M	SI03	234	**Product/Service ID**	M	**AN 1/48**
			Identifying number for a product or service		

DSTNACT (DRS-14) = Disassociated Telephone Number Activity
DSTN (DRS-16) = Disassociated Telephone Number

		Segment:	**POC** Line Item Change - DL Form (Delivery		

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(DSR-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				

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		

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: 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*05*LNLN(DL-45)
	IN2*02*LNFN(DL-46)*LNFN(DL-46)
	IN2*21*DES(DL-47)
	IN2*10*TL(DL-48)*TL
	IN2*01*TITLE1(DL-49)*TITLE1
	IN2*12*DESD(DL-50a)*DESD
	IN2*10*TLD(DL-51)*TLD
	IN2*01*TITLE1D(DL-52)*TITLE1D
	IN2*18*NICK(DL-54)

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		
M	IN202	93	**Name**	M	AN 1/60
			Free-form name		
			LNLN (DL-45) = Listed Name Last		
			LNFN (DL-46) = Listed Name First		
			DES (DL-47) = Designation		
			TL (DL-48) = Title of Lineage		
			TITLE1 (DL-49) = Title of Address 1		
			DESD (DL-50a) = Designation for Dual Name		
			TLD (DL-51) = Title of Lineage for Dual Name		
			TITLE1D (DL-52) = Title of Address 1 for Dual Name		
			NICK (DL-54) = Nickname		
	IN203	93	**Name**	O	AN 1/60
			Free-form name		
			LNFN (DL-46) = Listed Name First		
			"TL"		
			"TITLE1"		
			"DESD"		
			"TLD"		
			"TITLE1D"		

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

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

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		