Facility Based Directory Listings
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63. Facility Based Directory Listings (FBDL)

63.1 Business Description

Listings involve the publication of an end user's information within white page directories and directory assistance. The information that may be listed includes, but is not limited to the following:

- Name
- Address
- Phone Number
- Business or occupation designation
- Extra/additional information

CLEC's provide end-user directory listing information to Qwest to ensure the end-user's listings in Qwest's listing database are current and accurate. These make the CLEC's listings available to Qwest Directory Assistance (DA), other DA providers and for publication in published white page directories, based on contractual agreements. Maintaining a comprehensive listing database, regardless of each customer's Local Service Provider, ensures that end user customers have access to complete DA information (provided by Qwest), and the option to appear in a published white page directory.

- Facility Based services are provided to end user customers by CLEC's who maintain their own switches, and facilities. A DSR and DL must be submitted for Facility Based Directory Listings (FBDL). The request may include simple listings only, complex listings only, or a combination.

A DSR for every FBDL request will be submitted to Qwest. The DSR form contains basic header information, CLEC initiator information and Service Address information about a customer order. A minimum of one DL form for every FBDL request will be submitted to Qwest. The DL record contains the directory listing information that is being requested and one DL form is required for each directory listing requested.

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

- DSR- Directory Service Request
- DL- Directory Listing

Business Rules for Combining DSR Order and Listing Activity for Facility Based Directory
Listings:

Business Rules for Combining DSR Order and Listing Activity
for **FBDL**

Order Activity Definition

| DSR REQ TYPE	ACT	Definition	Application	LACT	Forms required
JB	N	New Account	Orders listing for a new account	N	DSR, DL
	D	Disconnect Account	Disconnect all listings associated with the account.	D	DSR, DL
	W	Conversion As Is CLEC to CLEC	A complete conversion of an account from one CLEC to another CLEC with no changes to the customer's existing listing information.	Z	DSR, DL
	C	Change	Change to existing service, add/remove features, add/remove line(s) to existing service/account, PIC/LPIC change, change/add/remove Directory Listing, change billing information, change telephone number	Z, I, O, D, N	DSR, DL
	T	Outside Move	Outside move of end user location. This activity is used for a physical move. Each listing must be included on a DL form with the instructions to keep the listing the same (LACT=Z) the LACT=Z is always requred for the RTY=LML or change the listing (LACT=I and o), or delete the listing (LACT=D) which is not valid for RTY=LML. New Additional Tupe listings (LACT=N) may also be added.	Z, I, O, D, N	DSR, DL

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, if the main listing in not being deleted, the listing name, and text information to ensure the correct listing is deleted. If a main is deleted, all additional listings at that telephone number will automatically be disconnected, however, Co-Provider should always issue OBF Forms to officially disconnect all listings.
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	No change to existing listing. Allowed on a conversion as is CLEC to CLEC (ACT=W) or an outside move (ACT= T or ACT =C). Since the LML is required for all orders, the LACT=Z is required when there is no change to the LML and it is only being recapped. The DL form must indicate the ALI code (if not a main listing) and RTY for the listing to remain the same, along with the listing name and text information to ensure the correct listing is referenced.

63.2 Business Model

The following diagram depicts a normal 850 Facility Based Directory Listings (FBDL) order flow. A normal order flow means:

- No errors

- Supplemental orders are not applicable with an FBDL order flow.

Normal Order Flow
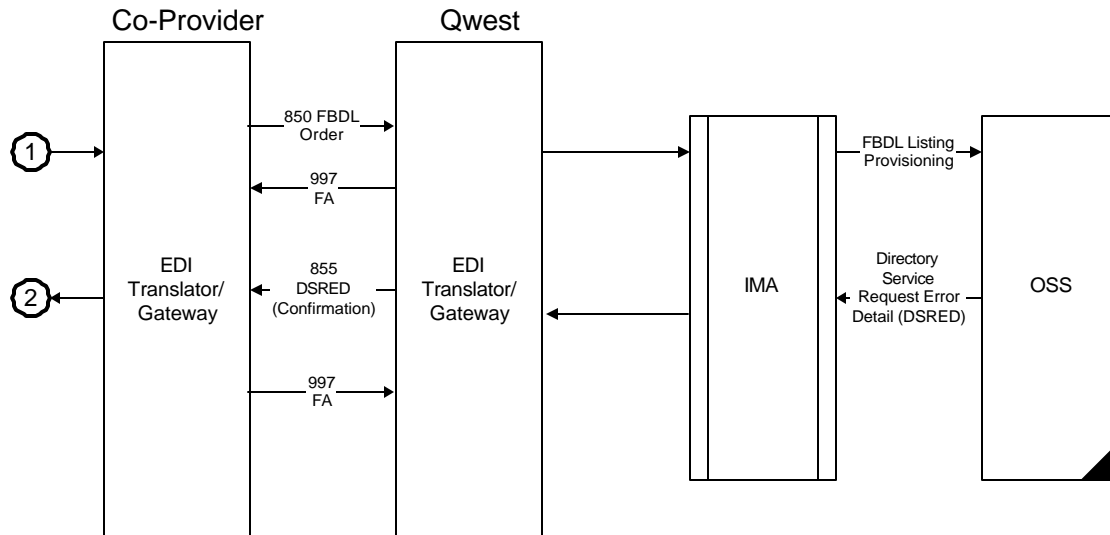
1. An FBDL Listing order is initiated by the Co-Provider, translated by the Co-Provider's Translator/Gateway to an 850 Purchase Order transaction set, and passed to the Qwest Translator/Gateway. Qwest's translator performs a syntax check and returns a positive 997 Functional Acknowledgment (FA) to the Co-Provider. The translator then maps the 850 Purchase Order transaction to an application file format, then forwards to Interconnect Mediated Access (IMA). The IMA gateway is a middleware that performs order content edits and interacts with the Operating Support System (OSS).

2. A Directory Service Request Error Detail (DSRED) message is sent to IMA. The IMA gateway formats and forwards the DSRED message to the EDI Translator/Gateway, where the message is mapped into an 855 DSRED - Confirmation response and transported to the Co-Provider's Translator/Gateway. A 997 Functional Acknowledgment will be returned to Qwest to confirm the receipt.

63.2.1 Exception Order Flow

Exception flow exists when an 850 FBDL Listing order encounters an error. Errors are classified into two types of messages: Rejected and Accepted With Change. The rejection of an FBDL Listing order can occur at two possible points, either while going through IMA edits which results in a Fatal error response, or after passing through IMA edits and going through OSS edits for OSS processing which result in a Rejected response.

Fatal errors are errors detected by the IMA system that prevent the order from processing. To correct a system generated 855 Fatal error response, the original request must be corrected and resubmitted using the same PON where the error originally occurred. Messages rejected during the OSS edit process will generate an 855 DSRED – Rejected response to be returned.

Messages that are accepted but require changes (Accepted With Change) will pass IMA and OSS edits, but will identify necessary changes and generate an 855 DSRED – Accepted With Change response to be returned.

The diagram below illustrates possible error responses to the 850 FBDL Listing order. For simplicity, associated 997 Functional Acknowledgments are not reflected in the diagram.

Exception Order Flow
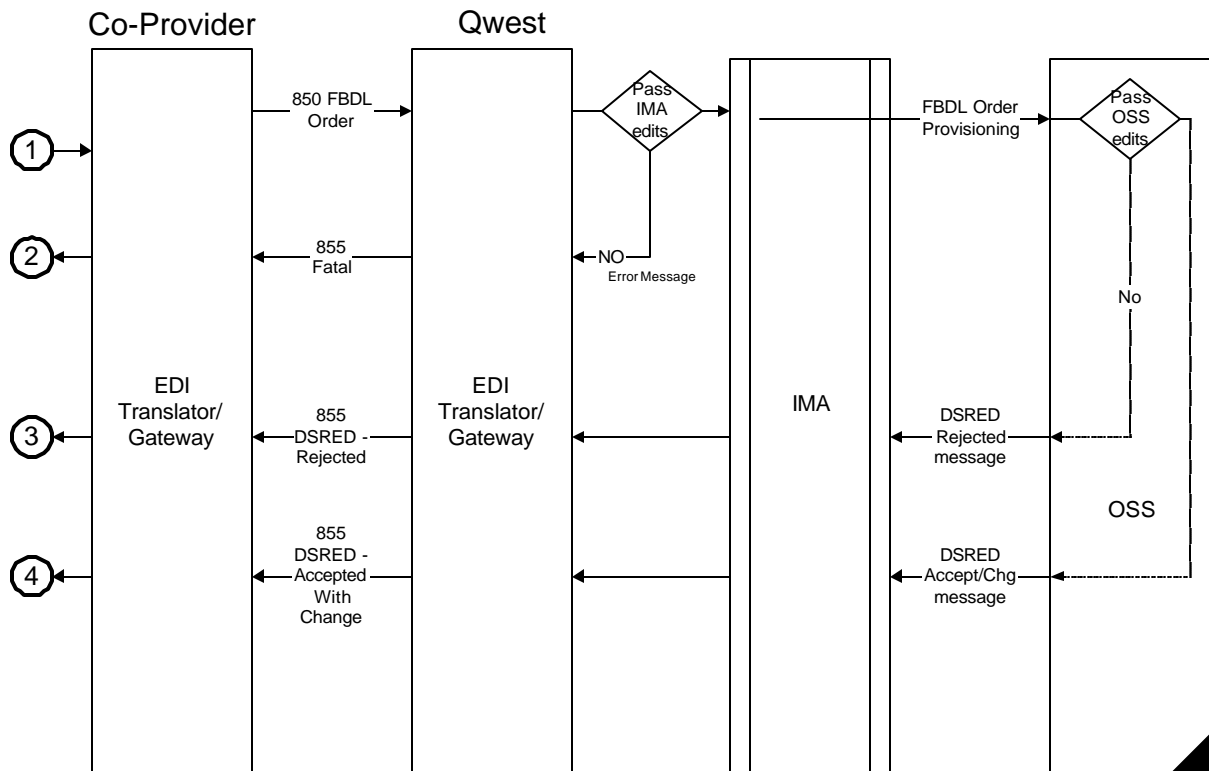
1. If an 850 FBDL order fails IMA edits, an 855 Fatal message is returned to the Co-Provider with one or more error codes.

2. The Co-Provider, having received the system generated 855 Fatal, needs to correct the 850 FBDL Listing order with the same or different PON, and re-send the 850 FBDL Listing order as an original request.

3. If an 850 FBDL Listing order fails OSS edits and an 855 DSRED – Rejected response is received, the Co-Provider should resubmit the request with a new PON.

4. When the 850 FBDL Listing order is posted to the OSS with changes, an 855 DSRED – Accepted With Change is returned to the CO-Provider. This confirmation means the OSS has accepted the 850 FBDL Listing order and listing process has begun.

63.3 Developer Worksheets

See Appendices B and C - Developer Worksheets - Order

63.4 Trading Partner Access Information

ORDERING FUNCTION	PRODUCT ID
Facility Based Directory Listing Request	850FBDL
Directory Service Request Error Detail	855DSRED

Order Submittal

The process begins with an EDI Trading Partner Access Information being passed between Qwest and the Co-Provider. The order request is transmitted by the Co-Provider via the EDI 850 format. Qwest will translate and forward the data to the internal application system.

63.4.1 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 of application related transaction sets.

63.4.2 ISA TABLE INFORMATION

ANSI X12 ISA and IEA definitions:

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

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

	SENT TO Qwest	RECEIVED FROM Qwest
ISA01	*'00' (No Authorization information present)*	*'00' (No Authorization information present)*
ISA02	**Spaces** *(Authorization information)*	**Spaces** *(Authorization information)*
ISA03	*'00' (No Security information is present)*	*'00' (No Security information is present)*
ISA04	**Spaces** *(Security Information)*	**Spaces** *(Security information)*
ISA05	*Co-Provider TP qualifier*	**'ZZ'** *(Mutually Defined)*

ISA06	*Co-Provider TP ID*	**'QWESTO'**
ISA07	**'ZZ'** *(Mutually Defined)*	*Co-Provider TP qualifier*
ISA08	**'QWESTO'**	*Co-Provider TP ID*
ISA09	*Date of the interchange. YYMMDD*	*Date of the interchange. YYMMDD*
ISA10	*Time of the interchange. HHMM (24 Hour Clock)*	*Time of the interchange. HHMM (24 Hour Clock)*
ISA11	**'U'** *(U.S. EDI Community of ASC X-12, TDCC, and UCS)*	**'U'** *(U.S. EDI Community of ASC X-12, TDCC, and UCS)*
ISA12	**'00402'** *(Interchange Version ID)*	**'00402'** *(Interchange Version ID)*
ISA13	*Sender's translator assigned sequential control number*	*Sender's translator assigned sequential control number*
ISA14	**'0'** *(No acknowledgment requested)*	**'0'** *(No acknowledgment requested)*
ISA15	**'P'** *(Production data)*	**'P'** *(Production data)*
ISA16	**'0x1f'** *(Sub-element Separator)*	**'0x1f'** *(Sub-element Separator)*

63.4.3 **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/	DOCUMENT	GS01 VALUE	GS02 VALUE	GS03 VALUE

	RECEIVE				
Listing Request	Receive	850FBDL	PO	*Co-Provider TP ID*	**FBDL90**
Directory Service Request Error Detail	Send	855DSRED	PR	**DSRED90**	*Co-Provider TP ID*

63.4.4 **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; however, Qwest 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.

Composite Element

The appendix noted for any Composite Unit applies to the standard and not to Qwest documentation (i.e.,
See Figures Appendix for examples of use).

Industry Standards Table:

OBF FORM	OBF ISSUE	EDI SOSC ISSUE	X12 STANDARD
Directory Listing	LSOG 5	ELMS 5	004020
Directory Service Request	LSOG 5	ELMS 5	004020

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Directory Service Request	LSOG 5	ELMS 5	004020

63.5 Mapping Examples / Data Model

63.5.1 850 Facility Based Directory Listings Mapping Example (850FBDL) – Version 4020

Legend of Symbols in this transaction example

SYMBOL/DEFINITION	EXAMPLE
{ } = Valid Format	{CCYYMMDD}
Bold/Italics = DWS Element	**PON**
Superscript = Developer's Worksheet Ref # DWS used in this mapping example: DSR = Directory Service Request DL = Directory Listings	DSR-1
Italics = Literal	GOOD
Underline = Apply code conversion, used with **Bold/Italics**. Code conversion tables can be found in the data dictionary of this disclosure.	**ACT**
[ ] = 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**[DSR-2]**PO Date(See Trading Partner Access Information)
REF*11* **AN**[DSR-6] *AN*
REF*11* **EAN**[DSR-8] *EAN*
PAM*BH* **DDQTY**[DL-23]*EA
PAM*GZ* **DLQTY**[DSR-38]*EA
PAM*SF* **SQTY**[DSR-38a]*EA
DTM*097* **D/TSENT**[DSR-13]{CCYYMMDD}* **D/TSENT**[DSR-13]{HHMM}
DTM*201* **LSP AUTH DATE**[DSR-35]{CCYYMMDD}
DTM*243* **SCD**[DSR-15]{CCYYMMDD}
DTM*270* **DATED**[DSR-26]{CCYYMMDD}
SI*TI*AA* **ACT**[DSR-20]
SI*TI*RE* **REQTYP**[DSR-19]
SI*TI*TY* **TOS**[DSR-28]
PID*S**TI*AO***SO-RSQ* **AGAUTH**[DSR-25]
N9*L1*ORI* *DSR*
MTX** **REMARKS**[DSR-66]
N1*78* **CCNA**[DSR-1]
N1*AN* **AUTHNM**[DSR-27]
N1*BY**25* **CC**[DSR-24]
N1*SE* **LSP AUTH NAME**[DSR-36]*41* **LSP AUTH**[DSR-34]
N1*VG* *DINIT*
PER*AG* **DINIT**[DSR-56]*TE* **DTEL NO**[DSR-57]*FX* **DFAX NO**[DSR-59]*EM* **DEMAIL**[DSR-58]

Directory Service Request Form (Service Address Section)

PO1*n*1*EA***ZZ*SA   [PO1 Loop may repeat]
SI*TI*AD*AACT[DSR-67]
N1*IT* SERVICE ADDRESS
N4** SAST[DSR-85]*ZIP[DSR-86]
NX2*01*SANO[DSR-72]
NX2*02*SASN[DSR-75]
NX2*03*SASD[DSR-74]
NX2*05* BOX[DSR-83c]
NX2*06* ROUTE[DSR-83b]
NX2*07* CITY[DSR-84]
NX2*39* AHN[DSR-83a]
NX2*40* SASS[DSR-77]
NX2*59* SAPR[DSR-71]
NX2*61* SASF[DSR-73]
NX2*62* SATH[DSR-76]
NX2* LD1[DSR-78]*LV1[DSR-79]
NX2* LD2[DSR-80]*LV2[DSR-81]
NX2* LD3[DSR-82]*LV3[DSR-83]
REF*IX* LOCNUM[DSR-68]*LOCNUM
SI*TI*AF*AFT[DSR-70]

Directory Listing Form (Delivery Address / Information Section)

PO1*n*1*EA***ZZ*DA   [PO1 Loop repeats DDQTY[DL-23] times]
SI*TI*AD*DACT[DL-81]
REF*IX* DELNUM[DL-80]*DELNUM
REF*IX* LOCNUM[DL-80a]*LOCNUM
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*05* BOX[DL-96c]
NX2*06* ROUTE[DL-96b]
NX2*07* CITY[DL-98]
NX2*39* AHN[DL-96a]
NX2*40* DDASS[DL-90]
NX2*59* DDAPR[DL84]
NX2*61* DDASF[DL-86]
NX2*62* DDATH[DL-89]
NX2* LD1[DL-91]*LV1[DL-92]
NX2* LD2[DL-93]*LV2[DL-94]
NX2* LD3[DL-95]*LV3[DL-96]

Directory Listings Form (Straight Line/Straight Line Header Listing Section)

PO1*n*1*EA***ZZ*SL*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]
SI*TI*C5***FATN**[DL-56c]
SI*TI*C6***FANSTN**[DL-56d]
SI*TI*DU***HS**[DL-46a]
SI*TI*C3***HTN**[DL-46b]
SI*TI*C4***HNSTN**[46c]
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]
REF*IX***LOCNUM**[DL-19]*_LOCNUM_
REF*IX***DLNUM**[DL-20]*_DLNUM_
N9*82*_PLA_
MTX**_PLA_[DL-55]
N9*82*_LTXTY_**LTXTY**[DL-57]
MTX**_LTEXT_[DL-59]
N9*82*_FAINFO_
MTX**_FAINFO_[DL-56b]
N9*H7*ORI* _DL_
MTX**_REMARKS_[DL-113]
N1*DH*_LISTINGS_
IN2*01***TITLE1**[DL-49]*_TITLE1_
IN2*01***TITLE1D**[DL-52]*_TITLE1D_
IN2*02***LNFN**[DL-46]*_LNFN_[DL-46]
IN2*05***LNLN**[DL-45]
IN2*10***TL**[DL-48]*_TL_
IN2*10***TLD**[DL-51]*_TLD_
IN2*12*_DESD_[DL-50a]*_DESD_
IN2*18*_NICK_[DL-54]
IN2*21*_DES_[DL-47]
N4***LAST_[DL-71]
NX2*01*_LANO_[DL-63]
NX2*02*_LASN_[DL-66]
NX2*03*_LASD_[DL-65]
NX2*05*_BOX_[DL-69f]
NX2*06*_ROUTE_[DL-69e]
NX2*07*_LALOC_[DL-70]
NX2*12*_BLDG_[DL-69c]
NX2*32*_FLOOR_[DL-69a]
NX2*35*_ROOM/MAIL STOP_[DL-69b]
NX2*39*_AHN_[DL-69d]
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]

Directory Listings Form (Straight Line Indent (SLU) Listing Section)

PO1*n*1*EA***ZZ*_SI_*SH* **RTY**[DL-12]*LS* **SO**[DL-56a] [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]
SI*TI*C5* **FATN**[DL-56c]
SI*TI*C6* **FANSTN**[DL-56d]
SI*TI*DU* **HS**[DL-46a]
SI*TI*C3* **HTN**[DL-46b]
SI*TI*C4* **HNSTN**[46c]
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]
REF*IX* **LOCNUM**[DL-19]*_LOCNUM_
REF*IX* **DLNUM**[DL-20]*_DLNUM_
N9*82*_PLA_
MTX** **PLA**[DL-55]
N9*82*_LTXTY_* **_LTXTY_**[DL-57]
MTX** **LTEXT**[DL-59]
N9*82*_FAINFO_
MTX** **FAINFO**[DL-56b]
N9*H7*ORI* _DL_
MTX** **REMARKS**[DL-113]
N1*DH*_LISTINGS_
IN2*01* **TITLE1**[DL-49]*_TITLE1_
IN2*01* **TITLE1D**[DL-52]*_TITLE1D_
IN2*02* **LNFN**[DL-46]* **LNFN**[DL-46]
IN2*05* **LNLN**[DL-45]
IN2*10* **TL**[DL-48]*_TL_
IN2*10* **TLD**[DL-51]*_TLD_
IN2*12* **DESD**[DL-50a]*_DESD_
IN2*18* **NICK**[DL-54]
IN2*21* **DES**[DL-47]
N4** **LAST**[DL-71]
NX2*01* **LANO**[DL-63]
NX2*02* **LASN**[DL-66]
NX2*03* **LASD**[DL-65]
NX2*05* **BOX**[DL-69f]
NX2*06* **ROUTE**[DL-69e]
NX2*07* **LALOC**[DL-70]
NX2*12* **BLDG**[DL-69c]
NX2*32* **FLOOR**[DL-69a]
NX2*35* **ROOM/MAIL STOP**[DL-69b]
NX2*39* **AHN**[DL-69d]
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]

SLN**CAPTION***n*A*1*EA****LS***SO**[DL-77]   [SLN Loop may repeat]
SI*TI*DG***LVL**[DL-73]
SI*TI*DU***PLS**[DL-74]
SI*TI*C3***PLTN**[DL-76]
SI*TI*C4***PLNSTN**[DL-76a]
SI*TI*C5***FATN**[DL-79]
SI*TI*C6***FANSTN**[DL-79a]
N9*82**PLINFO*
MTX****PLINFO**[DL-75]
N9*82**FAINFO*
MTX****FAINFO**[DL-78]

Directory Listings Form (Caption Indent Listing Section)

PO1*n*1*EA***ZZ*CI*SH***RTY**[DL-12]*LS***SO**[DL-56a] [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]
SI*TI*C5***FATN**[DL-56c]
SI*TI*C6***FANSTN**[DL-56d]
SI*TI*DU***HS**[DL-46a]
SI*TI*C3***HTN**[DL-46b]
SI*TI*C4***HNSTN**[46c]
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]
REF*IX***LOCNUM**[DL-19]*LOCNUM
REF*IX***DLNUM**[DL-20]*DLNUM
N9*82**PLA*
MTX****PLA**[DL-55]
N9*82**LTXTY****LTXTY**[DL-57]
MTX****LTEXT**[DL-59]
N9*82**FAINFO*
MTX****FAINFO**[DL-56b]
N9*H7*ORI*DL
MTX****REMARKS**[DL-113]
N1*DH**LISTINGS*
IN2*01***TITLE1**[DL-49]*TITLE1
IN2*01***TITLE1D**[DL-52]*TITLE1D
IN2*02***LNFN**[DL-46]***LNFN**[DL-46]
IN2*05***LNLN**[DL-45]

IN2*10****TL***[DL-48]*TL
IN2*10****TLD***[DL-51]*TLD
IN2*12* ***DESD***[DL-50a]*DESD
IN2*18* ***NICK***[DL-54]
IN2*21* ***DES***[DL-47]
N4** ***LAST***[DL-71]
NX2*01* ***LANO***[DL-63]
NX2*02* ***LASN***[DL-66]
NX2*03* ***LASD***[DL-65]
NX2*05* ***BOX***[DL-69f]
NX2*06* ***ROUTE***[DL-69e]
NX2*07* ***LALOC***[DL-70]
NX2*12* ***BLDG***[DL-69c]
NX2*32* ***FLOOR***[DL-69a]
NX2*35* ***ROOM/MAIL STOP***[DL-69b]
NX2*39* ***AHN***[DL-69d]
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]

SLN* *CAPTION*n*A*1*EA****LS* ***SO***[DL-77]   [SLN Loop may repeat]
SI*TI*DG* ***LVL***[DL-73]
SI*TI*DU* ***PLS***[DL-74]
SI*TI*C3* ***PLTN***[DL-76]
SI*TI*C4* ***PLNSTN***[DL-76a]
SI*TI*C5* ***FATN***[DL-79]
SI*TI*C6* ***FANSTN***[DL-79a]
N9*82* *PLINFO*
MTX** ***PLINFO***[DL-75]
N9*82* *FAINFO*
MTX** ***FAINFO***[DL-78]

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

860 – FBDL Has NO Change Request Functionality

63.6 Data Dictionary

63.6.1 850 Facility Based Directory Listings (850FBDL) - Version 4020

Functional Group ID=PO

Introduction:

The 850FBDL will be used by the Co-Provider to initiate a Facility Based Directory Listings order to Qwest.

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

Notes:

This 850 Transaction includes the mappings for Directory Listing and Directory Service Request.

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		
	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 - N1			200	
	3100	N1	Name	O	1		
			LOOP ID - N1			200	
	3100	N1	Name	O	1		
			LOOP ID - N1			200	
	3100	N1	Name	O	1		
			LOOP ID - N1			200	
	3100	N1	Name	O	1		
			LOOP ID - N1			200	

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
	3100	N1	Name	O	1		
	3600	PER	Administrative Communications Contact	O	>1		

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 - Directory Service Request Form (Service Address Section)	M	1		n1
	0180	SI	Service Characteristic Identification	O	>1		
			LOOP ID - N1			200	
	3500	N1	Name	O	1		
	3800	N4	Geographic Location	O	1		
	3850	NX2	Location ID Component	O	>1		
	3900	REF	Reference Identification	O	12		
	4050	SI	Service Characteristic Identification	O	>1		
			LOOP ID - PO1			100000	
M	0100	PO1	Baseline Item Data - Directory Listing Form (Delivery Address / Information Section)	M	1		n2
	0180	SI	Service Characteristic Identification	O	>1		
	1000	REF	Reference 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 - Directory Listings Form (Straight Line/Straight Line Header Listing Section)	M	1		n3
	0180	SI	Service Characteristic Identification	O	>1		
			LOOP ID - PID			1000	
	0500	PID	Product/Item Description	O	1		
	1000	REF	Reference Identification	O	>1		
			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 - 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 - Directory Listings Form (Straight Line Indent (SLU) Listing Section)	M	1	n4
	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 - 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 - SLN			>1
	4700	SLN	Subline Item Detail	O	1	
	4800	SI	Service Characteristic Identification	O	>1	
			LOOP ID - N9			>1
	5230	N9	Reference Identification	O	1	
	5250	MTX	Text	O	>1	
			LOOP ID - N9			>1
	5230	N9	Reference Identification	O	1	
	5250	MTX	Text	O	>1	

			LOOP ID - PO1			100000	
M	0100	PO1	Baseline Item Data - Directory Listings Form (Caption Indent Listing 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 - 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 - SLN			>1	
	4700	SLN	Subline Item Detail	O	1		
	4800	SI	Service Characteristic Identification	O	>1		
			LOOP ID - N9			>1	
	5230	N9	Reference Identification	O	1		
	5250	MTX	Text	O	>1		
			LOOP ID - N9			>1	
	5230	N9	Reference Identification	O	1		
	5250	MTX	Text	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		n6
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. 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*TRANS 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 (DSR-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 (DSR-2) = Purchase Order Number		
M	BEG05	373	**Date**	M	DT 8/8
			Date expressed as CCYYMMDD		
			PO Date = Purchase Order Date(See Trading Partner Access Information)		

Segment:		**REF** Reference Identification			

Position:	0500
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To specify identifying information
Syntax Notes:	1 At least one of REF02 or REF03 is required.
	2 If either C04003 or C04004 is present, then the other is required.
	3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 REF04 contains data relating to the value cited in REF02.
Comments:	
Notes:	REF*11*AN (DSR-6)*AN
	REF*11*EAN (DSR-8)*EAN

Data Element Summary

Attributes	Ref. Des.	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		
	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 (DSR-6) = Account Number		
			EAN (DSR-8) = Existing Account Number		
	REF03	352	**Description**	X	AN 1/80
			A free-form description to clarify the related data elements and their content		
			"AN"		
			"EAN"		

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*BH*DDQTY (DL-23)*EA
PAM*GZ*DLQTY (DSR-38)*EA
PAM*SF*SQTY (DSR-38a)*EA

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
PAM01	673	**Quantity Qualifier**	X	ID 2/2
		Code specifying the type of quantity		
		BH Book Order Quantity		
		GZ Active Listings		
		SF Site		
PAM02	380	**Quantity**	X	R 1/15
		Numeric value of quantity		
		DDQTY (DL-23) = Number of Delivery Segments		
		DLQTY (DSR-38) = Number of Listings		
		SQTY (DSR-38a) = Service Address Quantity		
PAM03	C001	**Composite Unit of Measure**	X	
		To identify a composite unit of measure (See Figures Appendix for examples of use)		
M C00101	355	**Unit or Basis for Measurement Code**	M	ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
		EA Each		

Segment: # 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 (DSR-13){CCYYMMDD}*D/TSENT (DSR-13){HHMM}
DTM*201*LSP AUTH DATE (DSR-35){CCYYMMDD}
DTM*243*SCD (DSR-15){CCYYMMDD}
DTM*270*DATED (DSR-26){CCYYMMDD}

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
201	Acceptance
243	Actual Complete
	The actual complete date for a task or activity
270	Date Filed

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

Date expressed as CCYYMMDD

D/TSENT (DSR-13) = Date Sent
LSP AUTH DATE (DSR-35) = Local Service Provider Authorization
Date
SCD (DSR-15) = Service Completion Date
DATED (DSR-26) = 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}(DSR-13) = Time Sent

	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*AA*ACT (DSR-20) SI*TI*RE*REQTYP (DSR-19) SI*TI*TY*TOS (DSR-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		
			AA Account Activity		
			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 (DSR-24) = Activity
			  A= (DWS: N-New Account)
			  D= (DWS: D-Disconnect)
			  C= (DWS: C-Change)
			  T= (DWS: T-Outside Move)
			  W= (DWS : W-Conversion As Is Entire account CLEC to CLEC)
			
			REQTYP (DSR-19) = Requisition Type and Status
			TOS (DSR-28) = Type of Service		

Segment:	**PID** Product/Item Description			

Position: 1900
Loop:
Level: Heading
Usage: Optional
Max Use: 200
Purpose: To describe a product or process in coded or free-form format
Syntax Notes:
   1 If PID04 is present, then PID03 is required.
   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*AO***SO-RSQ*AGAUTH (DSR-25)

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	PID01	349	**Item Description Type**	M	ID 1/1
			Code indicating the format of a description		
			S Structured (From Industry Code List)		
	PID03	559	**Agency Qualifier Code**	X	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
	PID04	751	**Product Description Code**	X	AN 1/12
			A code from an industry code list which provides specific data about a product characteristic		
			AO Agency Authorization Status		
	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		
			AGAUTH (DSR-25) = 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*L1*ORI*DSR

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		
		ORI Order Instructions		
N903	369	**Free-form Description**	**X**	**AN 1/45**
		Free-form descriptive text		
		"DSR"		

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 (DSR-66)

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 (DSR-66) = 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 (DSR-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 (DSR-1) = Customer Carrier Name Abbreviation		

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 (DSR-27)			

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 (DSR-27) = 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*BY**25*CC (DSR-24)

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		
		BY Buying Party (Purchaser)		
N103	66	**Identification Code Qualifier**	X	ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)		
		25 Carrier's Customer Code		
N104	67	**Identification Code**	X	AN 2/80
		Code identifying a party or other code		
		CC (DSR-24) = Company Code		

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*SE*LSP AUTH NAME (DSR-36)*41*LSP AUTH (DSR-34)

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		
		SE Selling Party		
N102	93	**Name**	**X**	**AN 1/60**
		Free-form name		
		LSP AUTH NAME (DSR-36) = Local Service Provider Authorization Name		
N103	66	**Identification Code Qualifier**	**X**	**ID 1/2**
		Code designating the system/method of code structure used for Identification Code (67)		
		41 Telecommunications Carrier Identification Code		
		Identifies the Interexchange carrier for the charges being billed		
N104	67	**Identification Code**	**X**	**AN 2/80**
		Code identifying a party or other code		
		LSP AUTH (DSR-34) = Local Service Provider Authorization		

	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*VG*DINIT

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	
			VG Listing Agent	
	N102	93	**Name**	**X AN 1/60**
			Free-form name	
			"DINIT"	

	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*DINIT (DSR-56)*TE*DTEL NO (DSR-57)*FX*DFAX NO (DSR-59)*EM*DEMAIL (DSR-58)

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		
PER02	93	**Name**	**O**	**AN 1/60**
		Free-form name		
		DINIT (DSR-56) = Directory Initiator Identification		
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		
		DTEL NO (DSR-57) = Directory Telephone Number		
PER05	365	**Communication Number Qualifier**	**X**	**ID 2/2**
		Code identifying the type of communication number		
		FX Facsimile		
PER06	364	**Communication Number**	**X**	**AN 1/256**
		Complete communications number including country or area code when applicable		
		DFAX NO (DSR-59) = Directory Facsimile 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		
		DEMAIL (DSR-58) = Directory Electronic Mail Address		

Segment:	**PO1** Baseline Item Data - Directory Service Request Form		

(Service Address 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*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		
		"SA"		

			Segment:		**SI** Service Characteristic Identification		

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*AACT (DSR-67)

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		
			AACT (DSR-67) = Address Activity		

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*SERVICE ADDRESS			

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		
			"SERVICE ADDRESS"		

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**SAST (DSR-85)*ZIP (DSR-86)

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		
		SAST (DSR-85) = Service Address 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 (DSR-86) = 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*SANO (DSR-72)
NX2*02*SASN (DSR-75)
NX2*03*SASD (DSR-74)
NX2*05*BOX (DSR-83c)
NX2*06*ROUTE (DSR-83b)
NX2*07*CITY (DSR-84)
NX2*39*AHN (DSR-83a)
NX2*40*SASS (DSR-77)
NX2*59*SAPR (DSR-71)
NX2*61*SASF (DSR-73)
NX2*62*SATH (DSR-76)
NX2*LD1 (DSR-78)*LV1 (DSR-79)
NX2*LD2 (DSR-80)*LV2 (DSR-81)
NX2*LD3 (DSR-82)*LV3 (DSR-83)

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 (DSR-78) = Location Designator 1
  13=(DWS: APT)
  34=(DWS: LOT)
  35=(DWS: RM)
  36=(DWS: SLIP)
  37=(DWS: UNIT)
  14=(DWS: SUIT)

LD2 (DSR-80) = Location Designator 2
  32=(DWS: FLR)

LD3 (DSR-82) = 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 (DSR-72) = Service Address Number
SASN (DSR-75) = Service Address Street Name
SASD (DSR-74) = Service Address Street Directional Prefix
BOX (DSR-83c) = Box
ROUTE (DSR-83b) = Route
CITY (DSR-84) = City
AHN (DL-83a) = Assigned House Number
SASS (DSR-77) = Service Address Street Directional Suffix
SAPR (DSR-71) = Service Address Number Prefix
SASF (DSR-73) = Service Address Number Suffix
SATH (DSR-76) = Service Address Street Type
LV1 (DSR-79) = Location Value 1
LV2 (DSR-81) = Location Value 2
LV3 (DSR-83) = Location Value 3

			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*IX*LOCNUM (DSR-68)*LOCNUM

Data Element Summary

Attributes	Ref. Des.	Data Element	Name			
M	REF01	128	**Reference Identification Qualifier**	M	ID 2/3	
			Code qualifying the Reference Identification			
			IX Item Number			
	REF02	127	**Reference Identification**	X	AN 1/30	
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			
			LOCNUM (DSR-68) = Location Number			
	REF03	352	**Description**	X	AN 1/80	
			A free-form description to clarify the related data elements and their content			
			"LOCNUM"			

		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 (DSR-70)

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 (DSR-70) = Address Format Type		

Segment:	**PO1** Baseline Item Data - Directory Listing 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: | **REF** Reference Identification | | | |

Segment: **REF** Reference Identification

Position: 1000
Loop: PO1   Mandatory
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify identifying information
Syntax Notes:
  1 At least one of REF02 or REF03 is required.
  2 If either C04003 or C04004 is present, then the other is required.
  3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:
  1 REF04 contains data relating to the value cited in REF02.
Comments:
Notes: REF*IX*DELNUM (DL-80)*DELNUM
REF*IX*LOCNUM (DL-80a)*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			
			DELNUM (DL-80) = Delivery Reference Number LOCNUM (DL-80a) = Location Number			
	REF03	352	**Description**	X	AN 1/80	
			A free-form description to clarify the related data elements and their content			
			"DELNUM" "LOCNUM"			

	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*05*BOX (DL-96c)
	NX2*06*ROUTE (DL-96b)
	NX2*07*CITY (DL-98)
	NX2*39*AHN (DL-96a)
	NX2*40*DDASS (DL-90)
	NX2*59*DDAPR (DL-84)
	NX2*61*DDASF (DL-86)
	NX2*62*DDATH (DL-89)
	NX2*LD1 (DL-91)*LV1 (DL-92)
	NX2*LD2 (DL-93)*LV2 (DL-94)
	NX2*LD3 (DL-95)*LV3 (DL-96)

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 (DL-91) = Location Designator 1
  13=(DWS: APT)
  34=(DWS: LOT)
  35=(DWS: RM)
  36=(DWS: SLIP)
  37=(DWS: UNIT)
  14=(DWS: SUIT)

LD2 (DL-93) = Location Designator 2
  32=(DWS: FLR)

LD3 (DL-95) = 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

DDANO (DL-85) = Delivery Address Number
DDASN (DL-88) = Delivery Address Street Name
DDASD (DL-87) = Delivery Address Street Directional Prefix
BOX (DL-96c) = Box number
ROUTE (DL-96b) = Rural route
CITY (DL-98) = City
AHN (DL-96a) = Assigned House Number
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
LV1 (DL-92) = Location Value 1
LV2 (DL-94) = Location Value 2
LV3 (DL-96) = Location Value 3

Segment:	**PO1** Baseline Item Data - Directory Listings Form (Straight Line/Straight Line Header Listing 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*SL*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		
		"SL"		
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)
SI*TI*C5*FATN (DL-56c)
SI*TI*C6*FANSTN (DL-56d)
SI*TI*DU*HS (DL-46a)
SI*TI*C3*HTN (DL-46b)
SI*TI*C4*HSTN (DL-46c)
```

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		
			C3 Header Telephone Number		
			C4 Header Non-Standard Telephone Number		
			C5 Sequence Telephone Number		
			C6 File After Non-Standard Telephone Number		
			DG Degree of Indent		
			DN Directory Book Name		
			DU Directory Caption Header Status		
			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
FATN (DL-56c) = File After Telephone Number
FANSTN (DL-56d) = File After Non-Standard Telephone Number
HS (DL-46a) = Header Status
HTN (DL-46b) = Header Telephone Number
HNSTN (DL-46c) = Header Non-Standard Telephone Number

Segment:	**PID** Product/Item Description			

Position: 0500
Loop: PID Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To describe a product or process in coded or free-form format
Syntax Notes:
1 If PID04 is present, then PID03 is required.
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)
REF*IX*LOCNUM (DL-19)*LOCNUM
REF*IX*DLNUM (DL-20)*DLNUM

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	
			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 LOCNUM (DL-19) = Location Number DLNUM (DL-20) = Directory Listing Number	

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

Data Element Summary

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

Segment:	**MTX** Text			

Position: 3400
Loop: N9   Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify textual data
Syntax Notes: 1   If MTX01 is present, then MTX02 is required.
                  2   If MTX03 is present, then MTX02 is required.
                  3   If MTX05 is present, then MTX04 is required.
Semantic Notes: 1   MTX05 is the number of lines to advance before printing.
Comments: 1   If MTX04 is "AA - Advance the specific number of lines before print",
                    then MTX05 is required.
Notes: MTX**PLA (DL-55)

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
MTX02	1551	Message Text	X	AN 1/4096
		To transmit large volumes of message text		
		PLA (DL-55) = Place Listing As		

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

Data Element Summary

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

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

Data Element Summary

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

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

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	
			"FAINFO"	

Segment:	**MTX** Text	
Position:	3400	
Loop:	N9 Optional	
Level:	Detail	
Usage:	Optional	
Max Use:	>1	
Purpose:	To specify textual data	
Syntax Notes:	1 If MTX01 is present, then MTX02 is required.	
	2 If MTX03 is present, then MTX02 is required.	
	3 If MTX05 is present, then MTX04 is required.	
Semantic Notes:	1 MTX05 is the number of lines to advance before printing.	
Comments:	1 If MTX04 is "AA - Advance the specific number of lines before print", then MTX05 is required.	
Notes:	MTX**FAINFO (DL-56b)	

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
MTX02	1551	Message Text	X	AN 1/4096
		To transmit large volumes of message text		
		FAINFO (DL-56b) = File After Information		

Segment:	**N9** Reference Identification		

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

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

Segment: **IN2** Individual Name Structure Components

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

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	IN201	1104	**Name Component Qualifier**	M	ID 2/2
			Code identifying the type of name component		
			01 Prefix		
			02 First Name		
			05 Last Name		
			10 Generation		
			12 Combined (Unstructured) Name		
			18 Preferred First Name or Nickname		
			21 Professional Title		
M	IN202	93	**Name**	M	AN 1/60
			Free-form name		
			TITLE1 (DL-49) = Title of Address 1		
			TITLE1D (DL-52) = Title of Address 1 for Dual Name		
			LNFN (DL-46) = Listed Name First		
			LNLN (DL-45) = Listed Name Last		
			TL (DL-48) = Title of Lineage		
			TLD (DL-51) = Title of Lineage for Dual Name		
			DESD (DL-50a) = Designation for Dual Name		
			NICK (DL-54) = Nickname		
			DES (DL-47) = Designation		
	IN203	93	**Name**	O	AN 1/60
			Free-form name		
			LNFN (DL-46) = Listed Name First		
			"TITLE1"		
			"TITLE1D"		
			"TL"		
			"TLD"		
			"DESD"		

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

Data Element Summary

Ref. Des.	Data Element	Name		Attributes
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*05*BOX (DL-69f)
NX2*06*ROUTE (DL-69e)
NX2*07*LALOC (DL-70)
NX2*12*BLDG (DL-69c)
NX2*32*FLOOR (DL-69a)
NX2*35*ROOM/MAIL STOP (DL-69b)
NX2*39*AHN (DL-69d)
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		
			05 P.O. Box Number		
			06 Rural Route Number		
			07 City Name		
			12 Building Name		
			32 Floor		
			A particular floor or level of a building		
			35 Room		
			A walled room or partitioned area of a building		
			39 Unstructured Property		
			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
BOX (DL-69f) = Box
ROUTE (DL-69e) = Route
LALOC (DL-70) = Listed Address Locality
BLDG (DL-69c) = Building
FLOOR (DL-69a) = Floor
ROOM/MAIL STOP (DL-69b) = Room/Mail Stop
AHN (DL-69d) = Assigned House Number
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 - Directory Listings Form (Straight Line Indent (SLU) Listing 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*SI*SH*RTY (DL-12)*LS*SO (DL-56a) [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		
		"SI"		
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

PO110	235	**Product/Service ID Qualifier**	**X**	**ID 2/2**

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

    LS   Load Sequence

PO111	234	**Product/Service ID**	**X**	**AN 1/48**

Identifying number for a product or service

SO (DL-56a) = Sequence Override

Segment:		**SI** Service Characteristic Identification			

Position: 0180
Loop: PO1   Mandatory
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify service characteristic data
Syntax Notes:
1. If either SI04 or SI05 is present, then the other is required.
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)
SI*TI*C5*FATN (DL-56c)
SI*TI*C6*FANSTN (DL-56d)
SI*TI*DU*HS (DL-46a)
SI*TI*C3*HTN (DL-46b)
SI*TI*C4*HSTN (DL-46c)

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		
			C3 Header Telephone Number		
			C4 Header Non-Standard Telephone Number		
			C5 Sequence Telephone Number		
			C6 File After Non-Standard Telephone Number		
			DG Degree of Indent		
			DN Directory Book Name		
			DU Directory Caption Header Status		
			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
FATN (DL-56c) = File After Telephone Number
FANSTN (DL-56d) = File After Non-Standard Telephone Number
HS (DL-46a) = Header Status
HTN (DL-46b) = Header Telephone Number
HNSTN (DL-46c) = Header Non-Standard Telephone Number

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

Position:	0500
Loop:	PID Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To describe a product or process in coded or free-form format
Syntax Notes:	1 If PID04 is present, then PID03 is required.
	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)
REF*IX*LOCNUM (DL-19)*LOCNUM
REF*IX*DLNUM (DL-20)*DLNUM

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		
		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 LOCNUM (DL-19) = Location Number DLNUM (DL-20) = Directory Listing Number		

Segment:	**N9** Reference Identification				

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

Data Element Summary

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

Segment:	**MTX** Text
Position:	3400
Loop:	N9 Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify textual data
Syntax Notes:	1 If MTX01 is present, then MTX02 is required.
	2 If MTX03 is present, then MTX02 is required.
	3 If MTX05 is present, then MTX04 is required.
Semantic Notes:	1 MTX05 is the number of lines to advance before printing.
Comments:	1 If MTX04 is "AA - Advance the specific number of lines before print", then MTX05 is required.
Notes:	MTX**PLA (DL-55)

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
MTX02	1551	Message Text	X	AN 1/4096
		To transmit large volumes of message text		
		PLA (DL-55) = Place Listing As		

			Segment:	**N9** Reference Identification		

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

Data Element Summary

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

Segment:	# MTX Text

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

Data Element Summary

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

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

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		
			"FAINFO"		

Segment:	**MTX** Text	
Position:	3400	
Loop:	N9 Optional	
Level:	Detail	
Usage:	Optional	
Max Use:	>1	
Purpose:	To specify textual data	
Syntax Notes:	1 If MTX01 is present, then MTX02 is required.	
	2 If MTX03 is present, then MTX02 is required.	
	3 If MTX05 is present, then MTX04 is required.	
Semantic Notes:	1 MTX05 is the number of lines to advance before printing.	
Comments:	1 If MTX04 is "AA - Advance the specific number of lines before print", then MTX05 is required.	
Notes:	MTX**FAINFO (DL-56b)	

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
MTX02	1551	Message Text	X	AN 1/4096
		To transmit large volumes of message text		
		FAINFO (DL-56b) = File After Information		

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

Data Element Summary

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

Segment:	**MTX** Text

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

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
MTX02	1551	**Message Text**	X	**AN 1/4096**
		To transmit large volumes of message text		
		REMARKS (DL-113) = Remarks		

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

Data Element Summary

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

		Segment:	**IN2** Individual Name Structure Components		

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

Data Element Summary

Ref. Des. Attributes	Data Element	Name			
M **IN201**	**1104**	**Name Component Qualifier**		**M**	**ID 2/2**
		Code identifying the type of name component			
		01	Prefix		
		02	First Name		
		05	Last Name		
		10	Generation		
		12	Combined (Unstructured) Name		
		18	Preferred First Name or Nickname		
		21	Professional Title		
M **IN202**	**93**	**Name**		**M**	**AN 1/60**
		Free-form name			

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

IN203	**93**	**Name**		**O**	**AN 1/60**
		Free-form name			

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

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

Data Element Summary

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

			Segment:	**NX2** Location ID Component

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*05*BOX (DL-69f)
NX2*06*ROUTE (DL-69e)
NX2*07*LALOC (DL-70)
NX2*12*BLDG (DL-69c)
NX2*32*FLOOR (DL-69a)
NX2*35*ROOM/MAIL STOP (DL-69b)
NX2*39*AHN (DL-69d)
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	
05	P.O. Box Number	
06	Rural Route Number	
07	City Name	
12	Building Name	
32	Floor	
	A particular floor or level of a building	
35	Room	
	A walled room or partitioned area of a building	
39	Unstructured Property	
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
BOX (DL-69f) = Box
ROUTE (DL-69e) = Route
LALOC (DL-70) = Listed Address Locality
BLDG (DL-69c) = Building
FLOOR (DL-69a) = Floor
ROOM/MAIL STOP (DL-69b) = Room/Mail Stop
AHN (DL-69d) = Assigned House Number
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: 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: # 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*CAPTION*n*A*1*EA****LS*SO (DL-77)   [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		
		"CAPTION"		
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		
	SLN09	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			LS Load Sequence		
	SLN10	**234**	**Product/Service ID**	**X**	**AN 1/48**
			Identifying number for a product or service		
			SO (DL-77) = Sequence Override		

	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*DG*LVL (DL-73)
		SI*TI*DU*PLS (DL-74)
		SI*TI*C3*PLTN (DL-76)
		SI*TI*C4*PLNSTN (DL-76a)
		SI*TI*C5*FATN (DL-79)
		SI*TI*C6*FASTN (DL-79a)

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		
			C3 Header Telephone Number		
			C4 Header Non-Standard Telephone Number		
			C5 Sequence Telephone Number		
			C6 File After Non-Standard Telephone Number		
			DG Degree of Indent		
			DU Directory Caption Header Status		
M	SI03	234	**Product/Service ID**	M	AN 1/48
			Identifying number for a product or service		
			LVL (DL-73) = Level of Indent		
			PLS (DL-74) = Prior Level Status		
			PLTN (DL-76) = Prior Level Telephone Number		
			PLNSTN (DL-76a) = Prior Level Non-Standard Telephone Number		
			FATN (DL-79) = File After Telephone Number		
			FANSTN (DL-79a) = File After Non-Standard Telephone Number		

	Segment:	**N9** Reference Identification
	Position:	5230
	Loop:	N9 Optional
	Level:	Detail
	Usage:	Optional
	Max Use:	1
	Purpose:	To transmit identifying information as specified by the Reference Identification Qualifier
	Syntax Notes:	1 At least one of N902 or N903 is required.
		2 If N906 is present, then N905 is required.
		3 If either C04003 or C04004 is present, then the other is required.
		4 If either C04005 or C04006 is present, then the other is required.
	Semantic Notes:	1 N906 reflects the time zone which the time reflects.
		2 N907 contains data relating to the value cited in N902.
	Comments:	
	Notes:	N9*82*PLINFO

Data Element Summary

	Ref. 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		
			"PLINFO"		

Segment:	**MTX** Text	
Position:	5250	
Loop:	N9 Optional	
Level:	Detail	
Usage:	Optional	
Max Use:	>1	
Purpose:	To specify textual data	
Syntax Notes:	**1**	If MTX01 is present, then MTX02 is required.
	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**PLINFO (DL-75)	

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
MTX02	1551	Message Text	X	AN	1/4096
		To transmit large volumes of message text			
		PLINFO (DL-75) = Prior Level Information			

		Segment:	**N9** Reference Identification

Position: 5230
Loop: N9 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To transmit identifying information as specified by the Reference Identification Qualifier
Syntax Notes:
1 At least one of N902 or N903 is required.
2 If N906 is present, then N905 is required.
3 If either C04003 or C04004 is present, then the other is required.
4 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:
1 N906 reflects the time zone which the time reflects.
2 N907 contains data relating to the value cited in N902.
Comments:
Notes: N9*82*FAINFO

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	
			"FAINFO"	

Segment:	**MTX** Text	
Position:	5250	
Loop:	N9 Optional	
Level:	Detail	
Usage:	Optional	
Max Use:	>1	
Purpose:	To specify textual data	
Syntax Notes:	1 If MTX01 is present, then MTX02 is required.	
	2 If MTX03 is present, then MTX02 is required.	
	3 If MTX05 is present, then MTX04 is required.	
Semantic Notes:	1 MTX05 is the number of lines to advance before printing.	
Comments:	1 If MTX04 is "AA - Advance the specific number of lines before print", then MTX05 is required.	
Notes:	MTX**FAINFO (DL-78)	

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
MTX02	1551	**Message Text**	X	AN 1/4096
		To transmit large volumes of message text		
		FAINFO (DL-78) = File After Information		

Segment:	**PO1** Baseline Item Data - Directory Listings Form (Caption Indent Listing 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*CI*SH*RTY (DL-12)*LS*SO (DL-56a) [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		
		"CI"		
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

| **PO110** | **235** | **Product/Service ID Qualifier** | **X** | **ID 2/2** |

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

    LS   Load Sequence

| **PO111** | **234** | **Product/Service ID** | **X** | **AN 1/48** |

Identifying number for a product or service

SO (DL-56a) = Sequence Override

	Ref. Des. Attributes	Data Element	Name		

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

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		
			C3 Header Telephone Number		
			C4 Header Non-Standard Telephone Number		
			C5 Sequence Telephone Number		
			C6 File After Non-Standard Telephone Number		
			DG Degree of Indent		
			DN Directory Book Name		
			DU Directory Caption Header Status		
			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
FATN (DL-56c) = File After Telephone Number
FANSTN (DL-56d) = File After Non-Standard Telephone Number
HS (DL-46a) = Header Status
HTN (DL-46b) = Header Telephone Number
HNSTN (DL-46c) = Header Non-Standard Telephone Number

	Segment:	**PID** Product/Item Description

Position: 0500
Loop: PID   Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To describe a product or process in coded or free-form format
Syntax Notes:
1 If PID04 is present, then PID03 is required.
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)
REF*IX*LOCNUM (DL-19)*LOCNUM
REF*IX*DLNUM (DL-20)*DLNUM

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	
			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	
			LOCNUM (DL-19) = Location Number	
			DLNUM (DL-20) = Directory Listing Number	

		Segment:	**N9** Reference Identification

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

Data Element Summary

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

Segment:	**MTX** Text
Position:	3400
Loop:	N9 Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify textual data
Syntax Notes:	1 If MTX01 is present, then MTX02 is required.
	2 If MTX03 is present, then MTX02 is required.
	3 If MTX05 is present, then MTX04 is required.
Semantic Notes:	1 MTX05 is the number of lines to advance before printing.
Comments:	1 If MTX04 is "AA - Advance the specific number of lines before print", then MTX05 is required.
Notes:	MTX**PLA (DL-55)

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
MTX02	1551	Message Text	X	AN 1/4096
		To transmit large volumes of message text		
		PLA (DL-55) = Place Listing As		

		Segment:	**N9** Reference Identification

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

Data Element Summary

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

Segment:	**MTX** Text		

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

Data Element Summary

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

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

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	
			"FAINFO"	

Segment:	**MTX** Text
Position:	3400
Loop:	N9 Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify textual data
Syntax Notes:	1 If MTX01 is present, then MTX02 is required.
	2 If MTX03 is present, then MTX02 is required.
	3 If MTX05 is present, then MTX04 is required.
Semantic Notes:	1 MTX05 is the number of lines to advance before printing.
Comments:	1 If MTX04 is "AA - Advance the specific number of lines before print", then MTX05 is required.
Notes:	MTX**FAINFO (DL-56b)

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
MTX02	1551	Message Text	X	AN 1/4096
		To transmit large volumes of message text		
		FAINFO (DL-56b) = File After Information		

			Segment:	**N9** Reference Identification

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

Data Element Summary

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

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

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
MTX02	1551	**Message Text**	X	AN 1/4096
		To transmit large volumes of message text		
		REMARKS (DL-113) = Remarks		

Segment:	**N1** Name				

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

Data Element Summary

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

Segment: **IN2** **Individual Name Structure Components**

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

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	IN201	1104	**Name Component Qualifier**	M	ID 2/2
			Code identifying the type of name component		
			01 Prefix		
			02 First Name		
			05 Last Name		
			10 Generation		
			12 Combined (Unstructured) Name		
			18 Preferred First Name or Nickname		
			21 Professional Title		
M	IN202	93	**Name**	M	AN 1/60
			Free-form name		
			TITLE1 (DL-49) = Title of Address 1		
			TITLE1D (DL-52) = Title of Address 1 for Dual Name		
			LNFN (DL-46) = Listed Name First		
			LNLN (DL-45) = Listed Name Last		
			TL (DL-48) = Title of Lineage		
			TLD (DL-51) = Title of Lineage for Dual Name		
			DESD (DL-50a) = Designation for Dual Name		
			NICK (DL-54) = Nickname		
			DES (DL-47) = Designation		
	IN203	93	**Name**	O	AN 1/60
			Free-form name		
			LNFN (DL-46) = Listed Name First		
			"TITLE1"		
			"TITLE1D"		
			"TL"		
			"TLD"		
			"DESD"		

Segment:	**N4** Geographic Location		

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

Data Element Summary

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

	Segment:	**NX2** Location ID Component	
	Position:	3850	
	Loop:	N1 Optional	
	Level:	Detail	
	Usage:	Optional	
	Max Use:	>1	
	Purpose:	To define types and values of a geographic location	
	Syntax Notes:		
	Semantic Notes:		
	Comments:		

Notes:

NX2*01*LANO (DL-63)
NX2*02*LASN (DL-66)
NX2*03*LASD (DL-65)
NX2*05*BOX (DL-69f)
NX2*06*ROUTE (DL-69e)
NX2*07*LALOC (DL-70)
NX2*12*BLDG (DL-69c)
NX2*32*FLOOR (DL-69a)
NX2*35*ROOM/MAIL STOP (DL-69b)
NX2*39*AHN (DL-69d)
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	
			05	P.O. Box Number	
			06	Rural Route Number	
			07	City Name	
			12	Building Name	
			32	Floor	
				A particular floor or level of a building	
			35	Room	
				A walled room or partitioned area of a building	
			39	Unstructured Property	
			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
BOX (DL-69f) = Box
ROUTE (DL-69e) = Route
LALOC (DL-70) = Listed Address Locality
BLDG (DL-69c) = Building
FLOOR (DL-69a) = Floor
ROOM/MAIL STOP (DL-69b) = Room/Mail Stop
AHN (DL-69d) = Assigned House Number
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:	**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*CAPTION*n*A*1*EA****LS*SO (DL-77)   [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		
			"CAPTION"		
	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

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

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

   LS   Load Sequence

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

Identifying number for a product or service

SO (DL-77) = Sequence Override

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*DG*LVL (DL-73)
	SI*TI*DU*PLS (DL-74)
	SI*TI*C3*PLTN (DL-76)
	SI*TI*C4*PLNSTN (DL-76a)
	SI*TI*C5*FATN (DL-79)
	SI*TI*C6*FASTN (DL-79a)

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		
			C3 Header Telephone Number		
			C4 Header Non-Standard Telephone Number		
			C5 Sequence Telephone Number		
			C6 File After Non-Standard Telephone Number		
			DG Degree of Indent		
			DU Directory Caption Header Status		
M	SI03	234	**Product/Service ID**	M	AN 1/48
			Identifying number for a product or service		
			LVL (DL-73) = Level of Indent		
			PLS (DL-74) = Prior Level Status		
			PLTN (DL-76) = Prior Level Telephone Number		
			PLNSTN (DL-76a) = Prior Level Non-Standard Telephone Number		
			FATN (DL-79) = File After Telephone Number		
			FANSTN (DL-79a) = File After Non-Standard Telephone Number		

			Segment:	**N9** Reference Identification

Segment: **N9** Reference Identification

Position: 5230
Loop: N9 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To transmit identifying information as specified by the Reference Identification Qualifier
Syntax Notes: 1 At least one of N902 or N903 is required.
2 If N906 is present, then N905 is required.
3 If either C04003 or C04004 is present, then the other is required.
4 If either C04005 or C04006 is present, then the other is required.
Semantic Notes: 1 N906 reflects the time zone which the time reflects.
2 N907 contains data relating to the value cited in N902.
Comments:
Notes: N9*82*PLINFO

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	
			"PLINFO"	

Segment:	**MTX** Text	
Position:	5250	
Loop:	N9 Optional	
Level:	Detail	
Usage:	Optional	
Max Use:	>1	
Purpose:	To specify textual data	
Syntax Notes:	1 If MTX01 is present, then MTX02 is required.	
	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**PLINFO (DL-75)	

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
MTX02	1551	**Message Text**	X	AN 1/4096
		To transmit large volumes of message text		
		PLINFO (DL-75) = Prior Level Information		

			Segment:	**N9** Reference Identification

Position:	5230	
Loop:	N9	Optional
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To transmit identifying information as specified by the Reference Identification Qualifier	
Syntax Notes:	1	At least one of N902 or N903 is required.
	2	If N906 is present, then N905 is required.
	3	If either C04003 or C04004 is present, then the other is required.
	4	If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1	N906 reflects the time zone which the time reflects.
	2	N907 contains data relating to the value cited in N902.
Comments:		
Notes:	N9*82*FAINFO	

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	
			"FAINFO"	

Segment:	**MTX** Text	
Position:	5250	
Loop:	N9 Optional	
Level:	Detail	
Usage:	Optional	
Max Use:	>1	
Purpose:	To specify textual data	
Syntax Notes:	1	If MTX01 is present, then MTX02 is required.
	2	If MTX03 is present, then MTX02 is required.
	3	If MTX05 is present, then MTX04 is required.
Semantic Notes:	1	MTX05 is the number of lines to advance before printing.
Comments:	1	If MTX04 is "AA - Advance the specific number of lines before print", then MTX05 is required.
Notes:	MTX**FAINFO (DL-78)	

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
MTX02	1551	**Message Text**	X	**AN 1/4096**
		To transmit large volumes of message text		
		FAINFO (DL-78) = File After Information		

Segment: # CTT Transaction Totals

Position:	0100
Loop:	CTT Optional
Level:	Summary
Usage:	Optional
Max Use:	1
Purpose:	To transmit a hash total for a specific element in the transaction 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.

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.

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		