Customer Service Record Transaction Cycle

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3. Customer Service Request (CSR)

3.1 Business Description

The CSR is a record of customer information that is maintained in Qwest's legacy systems and can be used to verify listing, billing, and services related information. A CLEC may request to retrieve a Full CSR containing information for the entire account, or may request a Partial CSR for specific account information.

A Full CSR can be requested by specifying an account number (AN), a working telephone number (WTN), or a circuit ID (ECCKT). In all cases, Qwest will respond with the CSR for the entire account.

A Partial CSR can be requested by specifying a list of 1-30 working telephone numbers (WTNs) or a single circuit ID (ECCKT), with or without an account number (AN). Qwest will respond with a partial CSR containing only the specific WTN/ECCKT information requested.

Depending on the selection criteria provided for a full CSR query, Qwest may respond with an exact match, a multiple match, or an error condition. If there is a one-to-one mapping between AN/WTN/ECCKT requested and a CSR in Qwest's legacy systems, the response will depict the CSR obtained on the exact match and will include the following: *Listing, Billing and Service* and *Equipment (S&E) section*. A multiple match of a CSR occurs when Qwest's legacy systems indicate that more than one CSR exists for the requested WTN/ECCKT. The CLEC is given a selection list containing limited information on the CSRs that matched the entered criteria. The CLEC may select a CSR from the list to retrieve the complete CSR.

When a CLEC requests retrieval of a full CSR and the CSR size is determined to be large, a portion of the CSR will be returned along with a message indicating that the CSR is incomplete. The CLEC may then request to retrieve an additional portion of the CSR or to receive the entire CSR in an e-mail message or in an electronic file. If after retrieving an additional portion of the CSR, the CSR size is still too large to be returned in full, then another message will be returned indicating that the CSR is still incomplete. At this point, the CLEC may only retrieve the entire CSR via an e-mail message or in an electronic file. To retrieve a CSR in an electronic file, the CLEC must have IMA GUI access and the download must be performed within 2 days as the FTP fields are only available for that length of time. The CSR can be viewed in a browser by opening the filename shown in the CSR response.

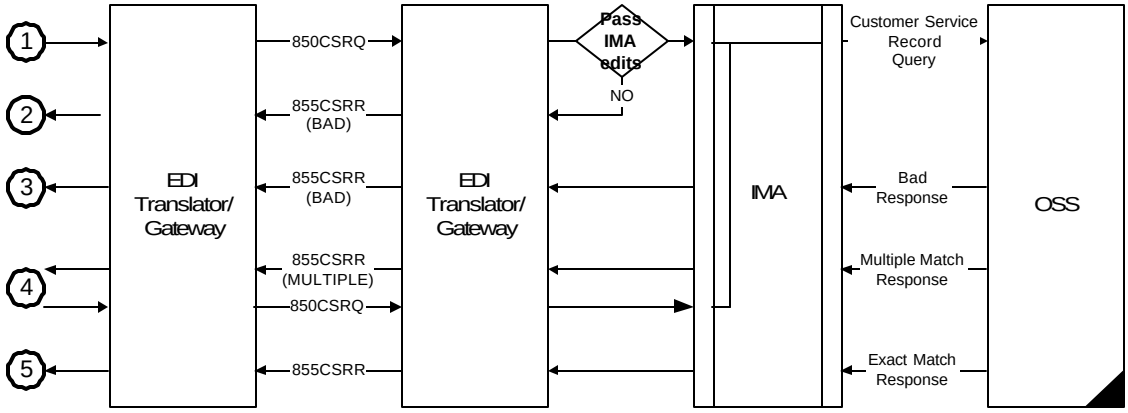
The Reseller ID (RSID for resale products, ZCID for unbundled products) identified on the CSR is compared with the CLEC's ID (CCNA) that was provided on the incoming query. If the RSID (or ZCID) and CCNA match, it indicates that the CLEC is requesting their own end-user's CSR record and does not need further authorization. If they do not match, then the CLEC must affirm authorization by setting the AGAUTH field to a "Y"(Yes) value.

3.2 Business Model

Customer Service Record

Customer Service Record provides Co-Provider the ability to query for and receive information regarding the listing, billing and services related information associated with an account number.

Customer Service Record



1. Co-Provider submits an 850CSRQ by providing either an account number, a telephone number, or an ECCKT.

2. If the 850CSRQ fails the IMA edits, 855CSRR (BAD) will be returned.

   If the 850CSRQ passes the IMA edits, the query will be sent to the Operations Support System (OSS). This system will respond with one of three conditions: BAD, MULTIPLE or EXACT.

3. 855CSRR (BAD) will be returned when the 850CSRQ encounters any error(s) with the OSS.

4. An 855CSRR (MULTIPLE) will be returned when more than one CSR exists for the requested telephone number or ECCKT. A new 850CSRQ can be submitted to resolve the multiple match situation.

5. An 855CSRR (EXACT), including listing, billing, and Service/Equipment sections (S&E), will be returned when the CSR is found in the legacy systems.

3.3 Developer Worksheets

See Appendix A - Developer Worksheets - PreOrder

3.4 Trading Partner Access Information

PRE-ORDER FUNCTION	PRODUCT ID
Customer Service Record Query	850CSRQ
Customer Service Record Response	855CSRR

3.4.1 OVERVIEW: Qwest Specific Functional Group Envelope - Routing Information

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

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

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

3.4.2 **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*	***'QWESTP'*** *(Note: This Trading partner ID is used only for Pre-order QWEST transactions. The "P" is the unique identifier.)*
ISA07	***'ZZ'*** *(Mutually Defined)*	*Co-Provider TP qualifier*
ISA08	***'QWESTP'*** *(Note: This Trading partner ID is used only for Pre-order QWEST transactions. The "P" is the unique identifier.)*	*Co-Provider TP ID*
ISA09	*Date of the interchange. YYMMDD*	*Date of the interchange. YYMMDD*
ISA10	*Time of the interchange. HHMM (24 Hour Clock)*	*Time of the interchange. HHMM (24 Hour Clock)*
ISA11	***'U'*** *(U.S. EDI Community of ASC X-12, TDCC, and UCS)*	***'U'*** *(U.S. EDI Community of ASC X-12, TDCC, and UCS)*
ISA12	***'00402'*** *(Interchange Version ID)*	***'00402'*** *(Interchange Version ID)*
ISA13	*Sender's translator assigned sequential control number*	*Sender's translator assigned sequential control number*
ISA14	***'0'*** *(No acknowledgment requested)*	***'0'*** *(No acknowledgment requested*
ISA15	***'P'*** *(Production data)*	***'P'*** *(Production data)*
ISA16	***'0x1f'*** *(Sub-element Separator)*	***'0x1f'*** *(Sub-element Separator)*

3.4.3 **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:

PRE ORDERING FUNCTION	Qwest SEND/ RECEIVE	DOCUMENT	GS01 VALUE	GS02 VALUE	GS03 VALUE
Customer Service Record Query	Receive	850CSRQ	PO	*Co-Provider TP ID*	**CSR90**
Customer Service Record Response	Send	855CSRR	PR	**CSR90**	*Co-Provider TP ID*

3.4.4 MAPPING EXAMPLE AND DATA DICTIONARY ITEMS

Purchase Order (PO) Date

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

Time Code

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

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

4020 Exceptions

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

- SLN loop maximum use has been changed to >1

Delimiters

The following delimiters will be used:

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

3.5 **Mapping Examples**

3.5.1 850 CUSTOMER SERVICE RECORD QUERY (850CSRQ) – Version 4020

Symbol/Definition	**Example**
{ } = Valid Format	{CCYYMMDD}
Bold/Italics = DWS Element	***PON***$^{CSRQ-2}$
Superscript = DWS Ref # DWS used in this Mapping Example: CSR = Customer Service Record	
Italics = Literal	*GOOD*
Underline = Apply code conversion, used with ***Bold/Italics*** and *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*28*IN****TXNUM***$^{CSRQ-3}$**PO Date (See Trading Partner Access Information)
REF*8X****RTNMETH***$^{CSRQ-8}$**RTNMETH*
PAM*B3****QNR***$^{CSRQ-68}$*EA
DTM*097****D/TSENT***{CCYYMMDD}$^{CSRQ-4}$*****D/TSENT***{HHMM}$^{CSRQ-4}$
DTM*270****DATED***{CCYYMMDD}$^{CSRQ-11}$
SI*TI*IR****TXACT***$^{CSRQ-6}$*IQ****TXTYP***$^{CSRQ-5}$*SC*****SERVIND***$^{CSRQ-39}$
PID*S**TI*AO***SO-RSQ*****AGAUTH***$^{CSRQ-9}$
PID*S**TI*USOCDESCIND***SO-RSQ*****USOCDESCIND***$^{CSRQ-7}$
N1*78****CCNA***$^{CSRQ-1}$
N1*BY**25*****CC***$^{CSRQ-2}$
N1*AN****AUTHNM***$^{CSRQ-10}$

CUSTOMER INFORMATION TELEPHONE NUMBERS

PO1*n*1*EA***ZZ*CUST TN [PO1 Loop will be used if ***SERVIND***$^{CSRQ-39}$ = ‘T’]
SI*TI*SA*R*WT*****WTN***$^{CSRQ-37}$
PER*OC**EM*****EMAIL***$^{CSRQ-36}$
N1*BY*****CUSTNAME***$^{CSRQ-41}$
REF*IX*****REFNUM***$^{CSRQ-40}$**REFNUM*
N1*IT**ADDRESS*
N4****STATE***$^{CSRQ-34}$
NX2*01*****SANO***$^{CSRQ-14}$
NX2*02*****SASN***$^{CSRQ-17}$
NX2*03*****SASD***$^{CSRQ-16}$
NX2*07*****CITY***$^{CSRQ-33}$

NX2*40*__SASS__CSRQ-19
NX2*59*__SAPR__CSRQ-13
NX2*61*__SASF__CSRQ-15
NX2*62*__SATH__CSRQ-18
SI*TI*AF*__AFT__CSRQ-12

CUSTOMER INFORMATION CIRCUITS

PO1*n*1*EA***ZZ*CUST ECCKT [PO1 Loop will be used if __SERVIND__CSRQ-39 ='N']
SI*TI*CN*__ECCKT__CSRQ-38
PER*OC**EM*__EMAIL__CSRQ-36
N1*BY*__CUSTNAME__CSRQ-41
REF*IX*__REFNUM__CSRQ-40**REFNUM*
N1*IT**ADDRESS*
N4***__STATE__CSRQ-34
NX2*01*__SANO__CSRQ-14
NX2*02*__SASN__CSRQ-17
NX2*03*__SASD__CSRQ-16
NX2*07*__CITY__CSRQ-33
NX2*40*__SASS__CSRQ-19
NX2*59*__SAPR__CSRQ-13
NX2*61*__SASF__CSRQ-15
NX2*62*__SATH__CSRQ-18
SI*TI*AF*__AFT__CSRQ-12

ECCKT PARTIAL SECTION

PO1*n*1*EA***ZZ**ECCKT* [PO1 Loop will be used if __TXACT__CSRQ-6 = 'C' or 'D' and __SERVIND__CSRQ-39 ='N']

SI*TI*CN*__ECCKT__CSRQ-66
N1*BY*__CUSTNAME__CSRQ-67
N1*IT**ADDRESS*
N4***__STATE__CSRQ-64
NX2*01*__SANO__CSRQ-44
NX2*02*__SASN__CSRQ-47
NX2*03*__SASD__CSRQ-46
NX2*07*__CITY__CSRQ-63
NX2*40*__SASS__CSRQ-49
NX2*59*__SAPR__CSRQ-43
NX2*61*__SASF__CSRQ-45
NX2*62*__SATH__CSRQ-48
SI*TI*AF*__AFT__CSRQ-42

WTN PARTIAL SECTION

PO1*n*1*EA***ZZ**WTN* [PO1 Loop will be used if __TXACT__CSRQ-6 = 'C' or 'D' and __SERVIND__CSRQ-39 ='T'][PO1 Loop repeats __QNR__CSRQ-68 times]

SI*TI*SA*R*WT*__WTN__CSRQ-69

N1*BY*__CUSTNAME__[CSRQ-70]
N1*IT*_ADDRESS_
N4**__STATE__[CSRQ-93]
NX2*01*__SANO__[CSRQ-73]
NX2*02*__SASN__[CSRQ-76]
NX2*03*__SASD__[CSRQ-75]
NX2*07*__CITY__[CSRQ-92]
NX2*40*__SASS__[CSRQ-78]
NX2*59*__SAPR__[CSRQ-72]
NX2*61*__SASF__[CSRQ-74]
NX2*62*__SATH__[CSRQ-77]
SI*TI*AF*__AFT__[CSRQ-71]

CTT*Number of PO1 Segments
SE*No of Segments*TRAN SET CONTROL #

3.5.2 855 CUSTOMER SERVICE RECORD RESPONSE (855CSRR) – Version 4020

ST*855*TRAN SET CONTROL #
BAK*11*AT**TXNUM**CSRR-3**PO Date (See Trading Partner Access Information)
REF*11**AN**CSRR-13***AN*
REF*8X**RTNMETH**CSRR-8***RTNMETH*
REF*ACC**RESPONSE**CSRR-11***RESPONSE*
REF*ACC**MIXTYPE**CSRR-12***MIXTYPE*
PAM*NL**MAJHDNUM**CSRR-84**EA
PAM*FL**PGRTND**CSRR-9**EA
PAM*M2**CSRSIZE**CSRR-10**EA
DTM*097**D/TSENT*{CCYYMMDD}*CSRR-4***D/TSENT*{HHMM}*CSRR-4*
DTM*825****UN**ORIGDATE*{CCYYMMDD}*CSRR-15*
SI*TI*IR**TXACT**CSRR-6**IQ**TXTYP**CSRR-5**CL**CS**CSRR-16**CN**ECCKT**CSRR-14**AS**STATIND**CSRR-19**SC**SERVIND**CSRR-14a*
PID*S**TI*USOCDESAV***SO-RSQ**USOCDESCAVAIL** CSRR-7
PID*X**TI*ACCTDESC**ACCTDESC**CSRR-19a*
N1*78**CCNA**CSRR-1*
N1*EV**RSID**CSRR-17*
N1*EN**CUSTCODE**CSRR-18*
N1*BY**25**CC**CSRR-2*

BAD

PO1*n*1*EA***ZZ**BAD* [PO1 Loop will be used if ***RESPONSE***CSRR-11 = 'B' or ***MIXTYPE***CSRR-12 = 'E', 'F', or 'I']

QTY*03**ERRNUM** CSRR-123**EA*
N9*1Q**ERRCODE**CSRR-124***ERR* [N9 Loop repeats ***ERRNUM***CSRR-123 times]
MTX****ERRMESG**CSRR-125*

FILENAME & PATH

PO1*n*1*EA***ZZ**PATH* [PO1 Loop will be used if ***MIXTYPE***CSRR-12 = 'F']
N9*EV**FILENAMEPATH*
MTX****FILENAMEPATH**CSRR-122*

WTN/ECCKT ERROR SECTION

PO1*n*1*EA***ZZ**BADWTN* [PO1 Loop will be used if ***RESPONSE***CSRR-11 = 'M' and ***MIXTYPE***CSRR-12 = 'T']
QTY*03**ERRNUM**CSRR-127**EA*
N9*82**ERRSUMMSG*
MTX****ERRSUMMSG**CSRR-126*
SLN**ERRINFO**n*A*1*EA* [SLN Loop repeats ***ERRNUM***CSRR-127 times]
MTX****ERRMSG**CSRR-131*
SI*TI*II***INDEXID**CSRR-128*
SI*TI*WE***WTN/ECCKT**CSRR-129*
SI*TI*ER***ERRTYPE**CSRR-130*

MULTIPLE MATCH

PO1*n*1*EA***ZZ**MULTIPLE*

[PO1 Loop will be used if ***RESPONSE***[CSRR-11] = 'M' and ***MIXTYPE***[CSRR-12] = 'M']

PID*X**TI*ACCTDESC**ACCTDESC***[CSRR-121a]
QTY*41***MATCHNUM***[CSRR-99]*EA
SLN**MATCH**n*A*1*EA

[SLN Loop repeats ***MATCHNUM***[CSRR-99] times]

SI*TI*CL***CS***[CSRR-120]
SI*TI*AS***STATIND***[CSRR-121]
N1*BY**CUST*
N2***CUSTNAME***[CSRR-102]
N4****STATE***[CSRR-118]
NX2*01***SANO***[CSRR-104]
NX2*02***SASN***[CSRR-107]
NX2*03***SASD***[CSRR-106]
NX2*07***CITY***[CSRR-117]
NX2*40***SASS***[CSRR-109]
NX2*59***SAPR***[CSRR-103]
NX2*61***SASF***[CSRR-105]
NX2*62***SATH***[CSRR-108]
REF*11***AN***[CSRR-101]**AN*
REF*IX***REFNUM***[CSRR-100]**REFNUM*

GOOD

PO1*n*1*EA***ZZ**LIST*

[PO1 Loop will be used if ***RESPONSE***[CSRR-11] = 'G' and ***SERVIND***[CSRR-14a] = "T" or ***RESPONSE***[CSRR-11] = 'M' and ***MIXTYPE***[CSRR-12] = 'I' or 'T']

QTY*N4***LFIDNUM***[CSRR-53]*EA
N9*H7*LOC**AAI*
MTX****AAI***[CSRR-46]
N1*DH**LISTADD*
IN2*01***TITLE1***[CSRR-24]**TITLE1*
IN2*01***TITLE2***[CSRR-25]**TITLE2*
IN2*02***LNFN***[CSRR-21]*****LNFN***[CSRR-21]
IN2*05***LNLN***[CSRR-20]
IN2*10***TL***[CSRR-23]**TL*
IN2*18***NICK***[CSRR-26]
IN2*21***DES***[CSRR-22]
N4****LAST***[CSRR-36]*****LAZC***[CSRR-37]
NX2*01***LANO***[CSRR-28]
NX2*02***LASN***[CSRR-31]
NX2*03***LASD***[CSRR-30]
NX2*07***LALOC***[CSRR-35]
NX2*18***LALO***[CSRR-34]
NX2*40***LASS***[CSRR-33]
NX2*59***LAPR***[CSRR-27]
NX2*61***LASF***[CSRR-29]
NX2*62***LATH***[CSRR-32]

N1*IT**NAME**CSRR-38**
N4****STATE**CSRR-51***ZIP**CSRR-52**
NX2*01***SANO**CSRR-40**
NX2*02***SASN**CSRR-43**
NX2*03***SASD**CSRR-42**
NX2*07***CITY**CSRR-50**
NX2*40***SASS**CSRR-45**
NX2*59***SAPR**CSRR-39**
NX2*61***SASF**CSRR-41**
NX2*62***SATH**CSRR-44**
NX2***LD1**CSRR-45a***LV1**CSRR-45b**
NX2***LD2**CSRR-45c***LV2**CSRR-45d**
NX2***LD3**CSRR-45e***LV3**CSRR-45f**
SLN**FID**n*A*1*EA [SLN Loop repeats **LFIDNUM**CSRR-53 times]
QTY*N4***FFIDNUM** CSRR-57*EA
N9*JH***LFID**CSRR-55***LFID**
MTX****LFIDDATA**CSRR-56**
N9*JH***FFID**CSRR-58***FFID** [N9 Loop repeats **FFIDNUM**CSRR-57 times]
MTX****FFIDDATA**CSRR-59**

BILL

PO1*n*1*EA***ZZ**BILL* [PO1 Loop will be used if **RESPONSE**CSRR-11 = 'G' or **RESPONSE**CSRR-11 = 'M' and **MIXTYPE**CSRR-12 = 'I' or 'T']

QTY*N4***LFIDNUM**CSRR-68*EA
N1*X1***BILLNM**CSRR-60**
N2***SBILLNM**CSRR-61**
N1*IT**BADD*
N4****STATE**CSRR-66***ZIP**CSRR-67**
NX2*02***STREET**CSRR-62**
NX2*32***FLOOR**CSRR-63**
NX2*07***CITY**CSRR-65**
NX2*35***ROOM/MAIL STOP**CSRR-64**
SLN**FID**n*A*1*EA [SLN Loop repeats **LFIDNUM**CSRR-68 times]
QTY*N4***FFIDNUM**CSRR-71*EA
N9*JH***LFID**CSRR-69***LFID**
MTX****LFIDDATA**CSRR-70**
N9*JH***FFID**CSRR-72***FFID** [N9 Loop repeats **FFIDNUM**CSRR-71 times]
MTX****FFIDDATA**CSRR-73**

SERVICES AND EQUIPMENT

[This Section will be used if **RESPONSE**CSRR-11 = 'G' or **RESPONSE**CSRR-11 = 'M' and **MIXTYPE**CSRR-12 = 'I' or 'T']

Services and Equipment Section includes USOC Section and Major Heading Section.

USOC

PO1*n*1*EA***ZZ**SEUSOC*
QTY*P6***USOCNUM**CSRR-74*EA

SLN**USOC*n*A*1*EA [SLN Loop repeats ***USOCNUM***CSRR-74 times]
QTY*N4****FFIDNUM***CSRR-81*EA
QTY*P6****USOCQTY***CSRR-77*EA
SI*TI*SC****USOC***CSRR-75
N9*JH****FFID***CSRR-82*****FFID*** [N9 Loop repeats ***FFIDNUM***CSRR-81 times]
MTX*****FFIDDATA***CSRR-83
N9*P4**USOCDESC*
MTX*****USOCDESC***CSRR-76

MAJOR HEADING

PO1*n*1*EA***ZZ**SEMAJHD* [PO1 Loop repeats ***MAJHDNUM***CSRR-84 times]
PID*X**TI****HEADNAME***CSRR-85*****HEADDTL***CSRR-86*****MAJHD***
QTY*P6****USOCNUM***CSRR-90*EA
QTY*N4****FFIDNUM***CSRR-87*EA
N9*JH****FFID***CSRR-88*****FFID*** [N9 Loop repeats ***FFIDNUM***CSRR-87 times]
MTX*****FFIDDATA***CSRR-89
SLN**USOC*n*A*1*EA [SLN Loop repeats ***USOCNUM***CSRR-90 times]
QTY*N4****FFIDNUM***CSRR-96*EA
QTY*P6****USOCQTY***CSRR-92*EA
SI*TI*SC****USOC***CSRR-91
N9*JH****FFID***CSRR-97*****FFID*** [N9 Loop repeats ***FFIDNUM***CSRR-96 times]
MTX*****FFIDDATA***CSRR-98
N9*P4**USOCDESC*
MTX*****USOCDESC***CSRR-91a

CTT*Number of PO1 segments
SE*No. of Segments*TRAN SET CONTROL#

3.6 **Data Dictionary**

3.6.1 850 Customer Service Record Query

Functional Group ID=PO

Introduction:

The 850CSRQ will be used by the Co-Provider to initiate a Customer Service Record Query to Qwest.

This implementation guideline references the following:
ANSI ASC X12 Version 4020

Notes:

This 850 Transaction includes the mapping for Customer Service Record Query.

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 - 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		

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 - Customer Information Telephone Numbers	M	1		n1
	0180	SI	Service Characteristic Identification	O	>1		
	1100	PER	Administrative Communications Contact	O	3		
			LOOP ID - N1			200	
	3500	N1	Name	O	1		

	3900	REF	Reference Identification	O	12			
			LOOP ID - N1			200		
	3500	N1	Name	O	1			
	3800	N4	Geographic Location	O	1			
	3850	NX2	Location ID Component	O	>1			
	4050	SI	Service Characteristic Identification	O	>1			
			LOOP ID - PO1			100000		
M	0100	PO1	Baseline Item Data - Customer Information Circuits	M	1		n2	
	0180	SI	Service Characteristic Identification	O	>1			
	1100	PER	Administrative Communications Contact	O	3			
			LOOP ID - N1			200		
	3500	N1	Name	O	1			
	3900	REF	Reference Identification	O	12			
			LOOP ID - N1			200		
	3500	N1	Name	O	1			
	3800	N4	Geographic Location	O	1			
	3850	NX2	Location ID Component	O	>1			
	4050	SI	Service Characteristic Identification	O	>1			
			LOOP ID - PO1			100000		
M	0100	PO1	Baseline Item Data - ECCKT Partial Section	M	1		n3	
	0180	SI	Service Characteristic Identification	O	>1			
			LOOP ID - N1			200		
	3500	N1	Name	O	1			
			LOOP ID - N1			200		
	3500	N1	Name	O	1			
	3800	N4	Geographic Location	O	1			
	3850	NX2	Location ID Component	O	>1			
	4050	SI	Service Characteristic Identification	O	>1			
			LOOP ID - PO1			100000		
M	0100	PO1	Baseline Item Data - WTN Partial Section	M	1		n4	
	0180	SI	Service Characteristic Identification	O	>1			
			LOOP ID - N1			200		
	3500	N1	Name	O	1			
			LOOP ID - N1			200		
	3500	N1	Name	O	1			
	3800	N4	Geographic Location	O	1			
	3850	NX2	Location ID Component	O	>1			
	4050	SI	Service Characteristic Identification	O	>1			

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	n5
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. The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

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

Data Element Summary

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

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*28*IN*TXNUM (CSRQ-3)**PO Date (See Trading Partner Access Information)

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	**BEG01**	**353**	**Transaction Set Purpose Code** Code identifying purpose of transaction set 28 Query	**M**	**ID 2/2**
M	**BEG02**	**92**	**Purchase Order Type Code** Code specifying the type of Purchase Order IN Information Copy	**M**	**ID 2/2**
M	**BEG03**	**324**	**Purchase Order Number** Identifying number for Purchase Order assigned by the orderer/purchaser TXNUM (CSRQ-3) = Transaction Number	**M**	**AN 1/22**
M	**BEG05**	**373**	**Date** Date expressed as CCYYMMDD PO Date = Purchase Order Date (See Trading Partner Access Information)	**M**	**DT 8/8**

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*8X*RTNMETH (CSRQ-8)*RTNMETH

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**REF01**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification 8X Transaction Category or Type	**M**	**ID 2/3**
	REF02	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier RTNMETH (CSRQ-8) = Return Method Requested	**X**	**AN 1/30**
	REF03	**352**	**Description** A free-form description to clarify the related data elements and their content "RTNMETH"	**X**	**AN 1/80**

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*B3*QNR (CSRQ-68)*EA

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
	PAM01	**673**	**Quantity Qualifier** Code specifying the type of quantity B3 Requested Amount	**X**	**ID 2/2**
	PAM02	**380**	**Quantity** Numeric value of quantity QNR (CSRQ-68) = Quantity of Numbers Requested	**X**	**R 1/15**
	PAM03	**C001**	**Composite Unit of Measure** To identify a composite unit of measure (See Figures Appendix for examples of use)	**X**	
M	**C00101**	**355**	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken EA Each	**M**	**ID 2/2**

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/T SENT{CCYYMMDD} (CSRQ-4)*D/TSENT{HHMM} (CSRQ-4)
DTM*270*DATED{CCYYMMDD} (CSRQ-11)

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	**DTM01**	**374**	**Date/Time Qualifier** Code specifying type of date or time, or both date and time 097 Transaction Creation 270 Date Filed	**M**	**ID 3/3**
	DTM02	**373**	**Date** Date expressed as CCYYMMDD D/TSENT (CSRQ-4) = Date Sent DATED (CSRQ-11) = CSR Authorization Date	**X**	**DT 8/8**
	DTM03	**337**	**Time** 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} (CSRQ-4) = Time Sent	**X**	**TM 4/8**

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*IR*TXACT (CSRQ-6)*IQ*TXTYP (CSRQ-5)*SC*SERVIND (CSRQ-39)

Data Element Summary

	Ref. Des.	Data Element	Name		
	Attributes				
M	**SI01**	**559**	**Agency Qualifier Code** Code identifying the agency assigning the code values TI Telecommunications Industry	**M**	**ID 2/2**
M	**SI02**	**1000**	**Service Characteristics Qualifier** Code from an industry code list qualifying the type of service characteristics IR Transaction Activity	**M**	**AN 2/2**
M	**SI03**	**234**	**Product/Service ID** Identifying number for a product or service TXACT (CSRQ-6) = Transaction Activity	**M**	**AN 1/48**
	SI04	**1000**	**Service Characteristics Qualifier** Code from an industry code list qualifying the type of service characteristics IQ Inquiry Type	**X**	**AN 2/2**
	SI05	**234**	**Product/Service ID** Identifying number for a product or service TXTYP (CSRQ-5) = Transaction Type	**X**	**AN 1/48**
	SI06	**1000**	**Service Characteristics Qualifier** Code from an industry code list qualifying the type of service characteristics SC Service Category	**X**	**AN 2/2**
	SI07	**234**	**Product/Service ID** Identifying number for a product or service SERVIND (CSRQ-39) = Service Indicator	**X**	**AN 1/48**

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 (CSRQ-9)
PID*S**TI*USOCDESCIND***SO-RSQ*USOCDESCIND (CSRQ-7)

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		
			USOCDESCIND USOC Description Indicator		
	PID07	**822**	**Source Subqualifier**	**O**	**AN 1/15**
			A reference that indicates the table or text maintained by the Source Qualifier		
			SO-RSQ Service Order - Reseller Questions		
	PID08	**1073**	**Yes/No Condition or Response Code**	**O**	**ID 1/1**

Code indicating a Yes or No condition or response

AGAUTH (CSRQ-9) = Agency Authorization Status
USOCDESCIND (CSRQ-7) = English USOC Description Indicator

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 (CSRQ-1)

Data Element Summary

	Ref. Des.	Data Element	Name		
	Attributes				
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 (CSRQ-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*BY**25*CC (CSRQ-2)

Data Element Summary

	Ref. Des.	Data Element	Name		
	Attributes				
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 (CSRQ-2) = 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*AN*AUTHNM (CSRQ-10)

Data Element Summary

	Ref. Des.	Data Element	Name		
	Attributes				
M	**N101**	**98**	**Entity Identifier Code** 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	**M**	**ID 2/3**
	N102	**93**	**Name** Free-form name AUTHNM (CSRQ-10) = CSR Authorization Name	**X**	**AN 1/60**

Segment: **PO1** **Baseline Item Data - Customer Information Telephone Numbers**
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*CUST TN [PO1 Loop will be used if SERVIND (CSRQ-39) = 'T']

Data Element Summary

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

Segment: **SI** **Service Characteristic Identification**
Position: 0180
Loop: PO1 Mandatory
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify service characteristic data
Syntax Notes:
1 If either SI04 or SI05 is present, then the other is required.
2 If either SI06 or SI07 is present, then the other is required.
3 If either SI08 or SI09 is present, then the other is required.
4 If either SI10 or SI11 is present, then the other is required.
5 If either SI12 or SI13 is present, then the other is required.
6 If either SI14 or SI15 is present, then the other is required.
7 If either SI16 or SI17 is present, then the other is required.
8 If either SI18 or SI19 is present, then the other is required.
9 If either SI20 or SI21 is present, then the other is required.
Semantic Notes:
Comments:
1 SI01 defines the source for each of the service characteristics qualifiers.
Notes: SI*TI*SA*R*WT*WTN (CSRQ-37)

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
M **SI01**	**559**	**Agency Qualifier Code** Code identifying the agency assigning the code values TI Telecommunications Industry	**M**	**ID 2/2**
M **SI02**	**1000**	**Service Characteristics Qualifier** Code from an industry code list qualifying the type of service characteristics SA Service Activity Code	**M**	**AN 2/2**
M **SI03**	**234**	**Product/Service ID** Identifying number for a product or service R Record Information	**M**	**AN 1/48**
SI04	**1000**	**Service Characteristics Qualifier** Code from an industry code list qualifying the type of service characteristics WT Working Telephone Number (WTN)	**X**	**AN 2/2**
SI05	**234**	**Product/Service ID** Identifying number for a product or service WTN (CSRQ-37) = Working Telephone Number	**X**	**AN 1/48**

Segment: **PER** **Administrative Communications Contact**
Position: 1100
Loop: PO1 Mandatory
Level: Detail
Usage: Optional
Max Use: 3
Purpose: To identify a person or office to whom administrative communications should be directed
Syntax Notes: **1** If either PER03 or PER04 is present, then the other is required.
2 If either PER05 or PER06 is present, then the other is required.
3 If either PER07 or PER08 is present, then the other is required.
Semantic Notes:
Comments:
Notes: PER*OC**EM*EMAIL (CSRQ-36)

Data Element Summary

	Ref. Des.	Data Element	Name		
	Attributes				
M	**PER01**	**366**	**Contact Function Code**	**M**	**ID 2/2**
			Code identifying the major duty or responsibility of the person or group named		
			OC Order Contact		
	PER03	**365**	**Communication Number Qualifier**	**X**	**ID 2/2**
			Code identifying the type of communication number		
			EM Electronic Mail		
	PER04	**364**	**Communication Number**	**X**	**AN 1/256**
			Complete communications number including country or area code when applicable		
			EMAIL (CSRQ-36) = Email Address		

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*BY*CUSTNAME (CSRQ-41)

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	**N101**	**98**	**Entity Identifier Code** Code identifying an organizational entity, a physical location, property or an individual BY Buying Party (Purchaser)	**M**	**ID 2/3**
	N102	**93**	**Name** Free-form name CUSTNAME (CSRQ-41) = Customer Name	**X**	**AN 1/60**

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*REFNUM (CSRQ-40)*REFNUM

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	**REF01**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification IX Item Number	**M**	**ID 2/3**
	REF02	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier REFNUM (CSRQ-40) = Reference Number	**X**	**AN 1/30**
	REF03	**352**	**Description** A free-form description to clarify the related data elements and their content "REFNUM"	**X**	**AN 1/80**

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*ADDRESS

Data Element Summary

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

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 (CSRQ-34)

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
N402	**156**	**State or Province Code** Code (Standard State/Province) as defined by appropriate government agency STATE (CSRQ-34) = Service Address State/Province	**X**	**ID 2/2**	

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 (CSRQ-14)
NX2*02*SASN (CSRQ-17)
NX2*03*SASD (CSRQ-16)
NX2*07*CITY (CSRQ-33)
NX2*40*SASS (CSRQ-19)
NX2*59*SAPR (CSRQ-13)
NX2*61*SASF (CSRQ-15)
NX2*62*SATH (CSRQ-18)

Data Element Summary

	Ref. Des.	Data Element	Name		
	Attributes				
M	**NX201**	**1106**	**Address Component Qualifier** Code qualifying the type of address component 01 Street Number 02 Street Name 03 Prefix Direction 07 City Name 40 Street Suffix 59 Street Number Low 61 Street Number Fraction 62 Street Name Suffix	**M**	**ID 2/2**
M	**NX202**	**166**	**Address Information** Address information SANO (CSRQ-14) = Service Address Number SASN (CSRQ-17) = Service Address Street Name SASD (CSRQ-16) = Service Address Street Directional Prefix CITY (CSRQ-33) = City SASS (CSRQ-19) = Service Address Street Directional Suffix SAPR (CSRQ-13) = Service Address Number Prefix SASF (CSRQ-15) = Service Address Number Suffix SATH (CSRQ-18) = Service Address Street Type	**M**	**AN 1/55**

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(CSRQ-12)

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
M **SI01**	**559**	**Agency Qualifier Code** Code identifying the agency assigning the code values TI Telecommunications Industry	**M**	**ID 2/2**
M **SI02**	**1000**	**Service Characteristics Qualifier** Code from an industry code list qualifying the type of service characteristics AF Address Format Type	**M**	**AN 2/2**
M **SI03**	**234**	**Product/Service ID** Identifying number for a product or service AFT(CSRQ-12) = Address Format Type	**M**	**AN 1/48**

Segment: **PO1** **Baseline Item Data - Customer Information Circuits**
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*CUST ECCKT [PO1 Loop will be used if SERVIND (CSRQ-39) = 'N']

Data Element Summary

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

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*CN*ECCKT (CSRQ-38)

Data Element Summary

	Ref. Des.	Data Element	Name		
	Attributes				
M	**SI01**	**559**	**Agency Qualifier Code** Code identifying the agency assigning the code values TI Telecommunications Industry	**M**	**ID 2/2**
M	**SI02**	**1000**	**Service Characteristics Qualifier** Code from an industry code list qualifying the type of service characteristics CN Exchange Company Circuit ID	**M**	**AN 2/2**
M	**SI03**	**234**	**Product/Service ID** Identifying number for a product or service ECCKT (CSRQ-38) = Exchange Company Circuit ID	**M**	**AN 1/48**

Segment: **PER** **Administrative Communications Contact**
Position: 1100
Loop: PO1 Mandatory
Level: Detail
Usage: Optional
Max Use: 3
Purpose: To identify a person or office to whom administrative communications should be directed
Syntax Notes: **1** If either PER03 or PER04 is present, then the other is required.
2 If either PER05 or PER06 is present, then the other is required.
3 If either PER07 or PER08 is present, then the other is required.
Semantic Notes:
Comments:
Notes: PER*OC**EM*EMAIL (CSRQ-36)

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		
			OC Order Contact		
	PER03	**365**	**Communication Number Qualifier**	**X**	**ID 2/2**
			Code identifying the type of communication number		
			EM Electronic Mail		
	PER04	**364**	**Communication Number**	**X**	**AN 1/256**
			Complete communications number including country or area code when applicable		
			EMAIL (CSRQ-36) = Email Address		

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*BY*CUSTNAME (CSRQ-41)

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	**N101**	**98**	**Entity Identifier Code** Code identifying an organizational entity, a physical location, property or an individual BY Buying Party (Purchaser)	**M**	**ID 2/3**
	N102	**93**	**Name** Free-form name CUSTNAME (CSRQ-41) = Customer Name	**X**	**AN 1/60**

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*REFNUM (CSRQ-40)*REFNUM

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**REF01**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification IX Item Number	**M**	**ID 2/3**
	REF02	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier REFNUM (CSRQ-40) = Reference Number	**X**	**AN 1/30**
	REF03	**352**	**Description** A free-form description to clarify the related data elements and their content "REFNUM"	**X**	**AN 1/80**

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*ADDRESS

Data Element Summary

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

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 (CSRQ-34)

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
N402	**156**	**State or Province Code** Code (Standard State/Province) as defined by appropriate government agency STATE (CSRQ-34) = State/Provi nce	**X**	**ID 2/2**	

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 (CSRQ-14)
NX2*02*SASN (CSRQ-17)
NX2*03*SASD (CSRQ-16)
NX2*07*CITY (CSRQ-33)
NX2*40*SASS (CSRQ-19)
NX2*59*SAPR (CSRQ-13)
NX2*61*SASF (CSRQ-15)
NX2*62*SATH (CSRQ-18)

Data Element Summary

	Ref. Des.	Data Element	Name		
	Attributes				
M	**NX201**	**1106**	**Address Component Qualifier**	**M**	**ID 2/2**
			Code qualifying the type of address component		
			01 Street Number		
			02 Street Name		
			03 Prefix Direction		
			07 City Name		
			40 Street Suffix		
			59 Street Number Low		
			61 Street Number Fraction		
			62 Street Name Suffix		
M	**NX202**	**166**	**Address Information**	**M**	**AN 1/55**
			Address information		
			SANO (CSRQ-14) = Service Address Number SASN (CSRQ-17) = Service Address Street Name SASD (CSRQ-16) = Service Address Street Directional Prefix CITY (CSRQ-33) = City SASS (CSRQ-19) = Service Address Street Directional Suffix SAPR (CSRQ-13) = Service Address Number Prefix SASF (CSRQ-15) = Service Address Number Suffix SATH (CSRQ-18) = Service 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*AF*AFT(CSRQ-12)

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
M **SI01**	**559**	**Agency Qualifier Code** Code identifying the agency assigning the code values TI Telecommunications Industry	**M**	**ID 2/2**
M **SI02**	**1000**	**Service Characteristics Qualifier** Code from an industry code list qualifying the type of service characteristics AF Address Format Type	**M**	**AN 2/2**
M **SI03**	**234**	**Product/Service ID** Identifying number for a product or service AFT(CSRQ-12) = Address Format Type	**M**	**AN 1/48**

Segment: **PO1** **Baseline Item Data - ECCKT Partial 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*ECCKT [PO1 Loop will be used if TXACT (CSRQ-6) = 'C' or 'D' and SERVIND (CSRQ-39) = 'N']

Data Element Summary

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

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*CN*ECCKT (CSRQ-66)

Data Element Summary

	Ref. Des.	Data Element	Name		
	Attributes				
M	**SI01**	**559**	**Agency Qualifier Code** Code identifying the agency assigning the code values TI Telecommunications Industry	**M**	**ID 2/2**
M	**SI02**	**1000**	**Service Characteristics Qualifier** Code from an industry code list qualifying the type of service characteristics CN Exchange Company Circuit ID	**M**	**AN 2/2**
M	**SI03**	**234**	**Product/Service ID** Identifying number for a product or service ECCKT (CSRQ-66) = Exchange Company Circuit ID	**M**	**AN 1/48**

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*BY*CUSTNAME (CSRQ-67)

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	**N101**	**98**	**Entity Identifier Code** Code identifying an organizational entity, a physical location, property or an individual BY Buying Party (Purchaser)	**M**	**ID 2/3**
	N102	**93**	**Name** Free-form name CUSTNAME (CSRQ-67) = Customer Name	**X**	**AN 1/60**

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*ADDRESS

Data Element Summary

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

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 (CSRQ-64)

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
N402	**156**	**State or Province Code** Code (Standard State/Province) as defined by appropriate government agency STATE (CSRQ-64) = State/Province	**X**	**ID 2/2**	

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 (CSRQ-44)
NX2*02*SASN (CSRQ-47)
NX2*03*SASD (CSRQ-46)
NX2*07*CITY (CSRQ-63)
NX2*40*SASS (CSRQ-49)
NX2*59*SAPR (CSRQ-43)
NX2*61*SASF (CSRQ-45)
NX2*62*SATH (CSRQ-48)

Data Element Summary

	Ref. Des.	Data Element	Name		
	Attributes				
M	**NX201**	**1106**	**Address Component Qualifier** Code qualifying the type of address component 01 Street Number 02 Street Name 03 Prefix Direction 07 City Name 40 Street Suffix 59 Street Number Low 61 Street Number Fraction 62 Street Name Suffix	**M**	**ID 2/2**
M	**NX202**	**166**	**Address Information** Address information SANO (CSRQ-44) = Service Address Number SASN (CSRQ-47) = Service Address Street Name SASD (CSRQ-46) = Service Address Street Directional Prefix CITY (CSRQ-63) = City SASS (CSRQ-49) = Service Address Street Directional Suffix SAPR (CSRQ-43) = Service Address Number Prefix SASF (CSRQ-45) = Service Address Number Suffix SATH (CSRQ-48) = Service Address Street Type	**M**	**AN 1/55**

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(CSRQ-42)

Data Element Summary

	Ref. Des.	Data Element	Name		
	Attributes				
M	**SI01**	**559**	**Agency Qualifier Code** Code identifying the agency assigning the code values TI Telecommunications Industry	**M**	**ID 2/2**
M	**SI02**	**1000**	**Service Characteristics Qualifier** Code from an industry code list qualifying the type of service characteristics AF Address Format Type	**M**	**AN 2/2**
M	**SI03**	**234**	**Product/Service ID** Identifying number for a product or service AFT(CSRQ-42) = Address Format Type	**M**	**AN 1/48**

Segment: **PO1** **Baseline Item Data - WTN Partial 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*WTN [PO1 Loop is used when TXACT (CSRQ-6) = 'C' or 'D' and SERVIND (CSRQ-39) ='T'] [PO1 Loop repeats QNR (CSRQ-68) times]

Data Element Summary

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

Segment: **SI** **Service Characteristic Identification**
Position: 0180
Loop: PO1 Mandatory
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify service characteristic data
Syntax Notes:
1 If either SI04 or SI05 is present, then the other is required.
2 If either SI06 or SI07 is present, then the other is required.
3 If either SI08 or SI09 is present, then the other is required.
4 If either SI10 or SI11 is present, then the other is required.
5 If either SI12 or SI13 is present, then the other is required.
6 If either SI14 or SI15 is present, then the other is required.
7 If either SI16 or SI17 is present, then the other is required.
8 If either SI18 or SI19 is present, then the other is required.
9 If either SI20 or SI21 is present, then the other is required.
Semantic Notes:
Comments:
1 SI01 defines the source for each of the service characteristics qualifiers.
Notes: SI*TI*SA*R*WT*WTN (CSRQ-69)

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
M **SI01**	**559**	**Agency Qualifier Code** Code identifying the agency assigning the code values TI Telecommunications Industry	**M**	**ID 2/2**
M **SI02**	**1000**	**Service Characteristics Qualifier** Code from an industry code list qualifying the type of service characteristics SA Service Activity Code	**M**	**AN 2/2**
M **SI03**	**234**	**Product/Service ID** Identifying number for a product or service R Record Information	**M**	**AN 1/48**
SI04	**1000**	**Service Characteristics Qualifier** Code from an industry code list qualifying the type of service characteristics WT Working Telephone Number (WTN)	**X**	**AN 2/2**
SI05	**234**	**Product/Service ID** Identifying number for a product or service WTN (CSRQ-69) = Working Telephone Number	**X**	**AN 1/48**

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*BY*CUSTNAME (CSRQ-70)

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	**N101**	**98**	**Entity Identifier Code** Code identifying an organizational entity, a physical location, property or an individual BY Buying Party (Purchaser)	**M**	**ID 2/3**
	N102	**93**	**Name** Free-form name CUSTNAME (CSRQ-70) = Customer Name	**X**	**AN 1/60**

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*ADDRESS

Data Element Summary

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

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 (CSRQ-93)

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
N402	**156**	**State or Province Code** Code (Standard State/Province) as defined by appropriate government agency STATE (CSRQ-93) = State/Province	**X**	**ID 2/2**	

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 (CSRQ-73)
NX2*02*SASN (CSRQ-76)
NX2*03*SASD (CSRQ-75)
NX2*07*CITY (CSRQ-92)
NX2*40*SASS (CSRQ-78)
NX2*59*SAPR (CSRQ-72)
NX2*61*SASF (CSRQ-74)
NX2*62*SATH (CSRQ-77)

Data Element Summary

	Ref. Des.	Data Element	Name		
	Attributes				
M	**NX201**	**1106**	**Address Component Qualifier** Code qualifying the type of address component 01 Street Number 02 Street Name 03 Prefix Direction 07 City Name 40 Street Suffix 59 Street Number Low 61 Street Number Fraction 62 Street Name Suffix	**M**	**ID 2/2**
M	**NX202**	**166**	**Address Information** Address information SANO (CSRQ-73) = Service Address Number SASN (CSRQ-76) = Service Address Street Name SASD (CSRQ-75) = Service Address Street Directional Prefix CITY (CSRQ-92) = City SASS (CSRQ-78) = Service Address Street Directional Suffix SAPR (CSRQ-72) = Service Address Number Prefix SASF (CSRQ-74) = Service Address Number Suffix SATH (CSRQ-77) = Service Address Street Type	**M**	**AN 1/55**

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(CSRQ-71)

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
M **SI01**	**559**	**Agency Qualifier Code** Code identifying the agency assigning the code values TI Telecommunications Industry	**M**	**ID 2/2**
M **SI02**	**1000**	**Service Characteristics Qualifier** Code from an industry code list qualifying the type of service characteristics AF Address Format Type	**M**	**AN 2/2**
M **SI03**	**234**	**Product/Service ID** Identifying number for a product or service AFT(CSRQ-71) = Address Format Type	**M**	**AN 1/48**

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

Data Element Summary

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

Segment: **SE** **Transaction Set Trailer**
Position: 0300
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)
Syntax Notes:
Semantic Notes:
Comments: **1** SE is the last segment of each transaction set.
Notes: SE*No of Segments*TRAN SET CONTROL#

Data Element Summary

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

3.6.2 **855 Customer Service Record Response**

Functional Group ID=PR

Introduction:

The 855CSRR will be used by Qwest to respond to a Customer Service Record Query from the Co-Provider.

This implementation guideline references the following:
ANSI ASC X12 Version 4020

Notes:

This 855 Transaction includes mapping for Customer Service Record Response.

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	BAK	Beginning Segment for Purchase Order Acknowledgment	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 - N1			200	
	3000	N1	Name	O	1		
			LOOP ID - N1			200	
	3000	N1	Name	O	1		
			LOOP ID - N1			200	
	3000	N1	Name	O	1		
			LOOP ID - N1			200	
	3000	N1	Name	O	1		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - PO1			100000	
	0100	PO1	Baseline Item Data - Bad	O	1		n1
			LOOP ID - QTY			>1	
	3000	QTY	Quantity	O	1		
			LOOP ID - N9			1000	

3500	N9	Reference Identification	O	1		
3600	MTX	Text	O	>1		
		LOOP ID - PO1			100000	
0100	PO1	Baseline Item Data - Filename and Path	O	1		n2
		LOOP ID - N9			1000	
3500	N9	Reference Identification	O	1		
3600	MTX	Text	O	>1		
		LOOP ID - PO1			100000	
0100	PO1	Baseline Item Data - WTN/ECCKT ERROR SECTION	O	1		n3
		LOOP ID - QTY			>1	
3000	QTY	Quantity	O	1		
		LOOP ID - N9			1000	
3500	N9	Reference Identification	O	1		
3600	MTX	Text	O	>1		
		LOOP ID - SLN			>1	
4900	SLN	Subline Item Detail	O	1		
4950	MTX	Text	O	>1		
5000	SI	Service Characteristic Identification	O	>1		
		LOOP ID - PO1			100000	
0100	PO1	Baseline Item Data - Multiple Match	O	1		n4
		LOOP ID - PID			1000	
0500	PID	Product/Item Description	O	1		
		LOOP ID - QTY			>1	
3000	QTY	Quantity	O	1		
		LOOP ID - SLN			>1	
4900	SLN	Subline Item Detail	O	1		
5000	SI	Service Characteristic Identification	O	>1		
		LOOP ID - N1			10	
5760	N1	Name	O	1		
5780	N2	Additional Name Information	O	2		
5900	N4	Geographic Location	O	1		
6000	NX2	Location ID Component	O	>1		
6100	REF	Reference Identification	O	12		
		LOOP ID - PO1			100000	
0100	PO1	Baseline Item Data - Good	O	1		n5
		LOOP ID - QTY			>1	
3000	QTY	Quantity	O	1		
		LOOP ID - N9			1000	
3500	N9	Reference Identification	O	1		
3600	MTX	Text	O	>1		
		LOOP ID - N1			200	
3700	N1	Name	O	1		
3850	IN2	Individual Name Structure Components	O	>1		

4000	N4	Geographic Location	O	1		
4050	NX2	Location ID Component	O	>1		
		LOOP ID - N1			200	
3700	N1	Name	O	1		
4000	N4	Geographic Location	O	1		
4050	NX2	Location ID Component	O	>1		
		LOOP ID - SLN			>1	
4900	SLN	Subline Item Detail	O	1		
		LOOP ID - QTY			>1	
5590	QTY	Quantity	O	1		
		LOOP ID - N9			>1	
5630	N9	Reference Identification	O	1		
5650	MTX	Text	O	>1		
		LOOP ID - N9			>1	
5630	N9	Reference Identification	O	1		
5650	MTX	Text	O	>1		
		LOOP ID - PO1			100000	
0100	PO1	Baseline Item Data - Bill	O	1		n6
		LOOP ID - QTY			>1	
3000	QTY	Quantity	O	1		
		LOOP ID - N1			200	
3700	N1	Name	O	1		
3800	N2	Additional Name Information	O	2		
		LOOP ID - N1			200	
3700	N1	Name	O	1		
4000	N4	Geographic Location	O	1		
4050	NX2	Location ID Component	O	>1		
		LOOP ID - SLN			>1	
4900	SLN	Subline Item Detail	O	1		
		LOOP ID - QTY			>1	
5590	QTY	Quantity	O	1		
		LOOP ID - N9			>1	
5630	N9	Reference Identification	O	1		
5650	MTX	Text	O	>1		
		LOOP ID - N9			>1	
5630	N9	Reference Identification	O	1		
5650	MTX	Text	O	>1		
		LOOP ID - PO1			100000	
0100	PO1	Baseline Item Data - USOC (Services and Equipment)	O	1		n7
		LOOP ID - QTY			>1	
3000	QTY	Quantity	O	1		
		LOOP ID - SLN			>1	

4900	SLN	Subline Item Detail	O	1		
		LOOP ID - QTY			>1	
3000	QTY	Quantity	O	1		
		LOOP ID - QTY			>1	
3000	QTY	Quantity	O	1		
3020	SI	Service Characteristic Identification	O	>1		
		LOOP ID - N9			1000	
3500	N9	Reference Identification	O	1		
3600	MTX	Text	O	>1		
		LOOP ID - N9			1000	
3500	N9	Reference Identification	O	1		
3600	MTX	Text	O	>1		
		LOOP ID - PO1			100000	
0100	PO1	Baseline Item Data - Major Heading (Services and Equipment)	O	1		n8
		LOOP ID - PID			1000	
0500	PID	Product/Item Description	O	1		
		LOOP ID - QTY			>1	
3000	QTY	Quantity	O	1		
		LOOP ID - QTY			>1	
3000	QTY	Quantity	O	1		
		LOOP ID - N9			1000	
3500	N9	Reference Identification	O	1		
3600	MTX	Text	O	>1		
		LOOP ID - SLN			>1	
4900	SLN	Subline Item Detail	O	1		
		LOOP ID - QTY			>1	
5590	QTY	Quantity	O	1		
		LOOP ID - QTY			>1	
5590	QTY	Quantity	O	1		
5610	SI	Service Characteristic Identification	O	>1		
		LOOP ID - N9			>1	
5630	N9	Reference Identification	O	1		
5650	MTX	Text	O	>1		
		LOOP ID - N9			>1	
5630	N9	Reference Identification	O	1		
5650	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		n9

M	0300	SE	Transaction Set Trailer	M	1

Transaction Set Notes

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

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*855*TRAN SET CONTROL #

Data Element Summary

	Ref. Des.	Data Element	Name		
					Attributes
M	**ST01**	**143**	**Transaction Set Identifier Code** Code uniquely identifying a Transaction Set 855 Purchase Order Acknowledgment	**M**	**ID 3/3**
M	**ST02**	**329**	**Transaction Set Control Number** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	**M**	**AN 4/9**

Segment: **BAK** **Beginning Segment for Purchase Order Acknowledgment**
Position: 0200
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of the Purchase Order Acknowledgment Transaction Set and transmit identifying numbers and dates
Syntax Notes:
Semantic Notes:
1 BAK04 is the date assigned by the purchaser to purchase order.
2 BAK08 is the seller's order number.
3 BAK09 is the date assigned by the sender to the acknowledgment.
Comments:
Notes: BAK*11*AT*TXNUM (CSRR-3)*PO Date (See Trading Partner Access Information)

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	**BAK01**	**353**	**Transaction Set Purpose Code** Code identifying purpose of transaction set 11 Response	**M**	**ID 2/2**
M	**BAK02**	**587**	**Acknowledgment Type** Code specifying the type of acknowledgment AT Accepted	**M**	**ID 2/2**
M	**BAK03**	**324**	**Purchase Order Number** Identifying number for Purchase Order assigned by the orderer/purchaser TXNUM (CSRR-3) = Transaction Number	**M**	**AN 1/22**
M	**BAK04**	**373**	**Date** Date expressed as CCYYMMDD PO Date = Purchase Order Date(See Trading Partner Access Information)	**M**	**DT 8/8**

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 (CSRR-13)*AN
REF*8X*RTNMETH (CSRR-8)*RTNMETH
REF*ACC*RESPONSE(CSRR-11)*RESPONSE
REF*ACC*MIXTYPE (CSRR-12)*MIXTYPE

Data Element Summary

	Ref. Des.	Data Element	Name		
	Attributes				
M	**REF01**	**128**	**Reference Identification Qualifier**	**M**	**ID 2/3**
			Code qualifying the Reference Identification 11 Account Number Number identifies a telecommunications industry account 8X Transaction Category or Type ACC Status		
	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 (CSRR-13) = Account Number RTNMETH (CSRR-8) = Response Return Method RESPONSE(CSRR-11) = Response MIXTYPE (CSRR-12) = Mixed Response Type		
	REF03	**352**	**Description**	**X**	**AN 1/80**
			A free-form description to clarify the related data elements and their content "AN" "RTNMETH" "RESPONSE" "MIXTYPE"		

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*NL*MAJHDNUM (CSRR-84)*EA
PAM*FL*PGRTND (CSRR-9)*EA
PAM*M2*CSRSIZE (CSRR-10)*EA

Data Element Summary

	Ref. Des.	Data Element	Name		
	Attributes				
	PAM01	**673**	**Quantity Qualifier**	**X**	**ID 2/2**
			Code specifying the type of quantity		
			FL Units		
			M2 Maximum		
			NL Number of Levels		
	PAM02	**380**	**Quantity**	**X**	**R 1/15**
			Numeric value of quantity		
			MAJHDNUM (CSRR-84) = Number of Major Headings PGRTND (CSRR-9) = Pages Returned CSRSIZE (CSRR-10) = CSR Size		
	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{CCYYMMDD} (CSRR-4)*D/TSENT{HHMM} (CSRR-4)
DTM*825****UN*ORIGDATE{CCYYMMDD} (CSRR-15)

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 825 Original Due Date		
	DTM02	**373**	**Date**	**X**	**DT 8/8**
			Date expressed as CCYYMMDD D/TSENT (CSRR-4) = Date Sent		
	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} (CSRR-4) = Time Sent		
	DTM05	**1250**	**Date Time Period Format Qualifier**	**X**	**ID 2/3**
			Code indicating the date format, time format, or date and time format UN Unstructured		
	DTM06	**1251**	**Date Time Period**	**X**	**AN 1/35**
			Expression of a date, a time, or range of dates, times or dates and times ORIGDATE (CSRR-15) = Original Service Established Date {CCYYMMDD}		

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*IR*TXACT (CSRR-6)*IQ*TXTYP (CSRR-5)*CL*CS (CSRR-16)*CN*ECCKT (CSRR-14)*AS*STATIND (CSRR-19)*SC*SERVIND (CSRR-14a)

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	**SI01**	**559**	**Agency Qualifier Code** Code identifying the agency assigning the code values TI Telecommunications Industry	**M**	**ID 2/2**
M	**SI02**	**1000**	**Service Characteristics Qualifier** Code from an industry code list qualifying the type of service characteristics IR Transaction Activity	**M**	**AN 2/2**
M	**SI03**	**234**	**Product/Service ID** Identifying number for a product or service TXACT (CSRR-6) = Transaction Activity	**M**	**AN 1/48**
	SI04	**1000**	**Service Characteristics Qualifier** Code from an industry code list qualifying the type of service characteristics IQ Inquiry Type	**X**	**AN 2/2**
	SI05	**234**	**Product/Service ID** Identifying number for a product or service TXTYP (CSRR-5) = Transaction Type	**X**	**AN 1/48**
	SI06	**1000**	**Service Characteristics Qualifier** Code from an industry code list qualifying the type of service characteristics CL Class of Service Code	**X**	**AN 2/2**
	SI07	**234**	**Product/Service ID** Identifying number for a product or service CS (CSRR-16) = Class of Service	**X**	**AN 1/48**

SI08	**1000**	**Service Characteristics Qualifier** Code from an industry code list qualifying the type of service characteristics CN Exchange Company Circuit ID	**X**	**AN 2/2**
SI09	**234**	**Product/Service ID** Identifying number for a product or service ECCKT (CSRR-14) = Exchange Company Circuit ID	**X**	**AN 1/48**
SI10	**1000**	**Service Characteristics Qualifier** Code from an industry code list qualifying the type of service characteristics AS Account Status	**X**	**AN 2/2**
SI11	**234**	**Product/Service ID** Identifying number for a product or service STATIND (CSRR-19) = Status Indicator	**X**	**AN 1/48**
SI12	**1000**	**Service Characteristics Qualifier** Code from an industry code list qualifying the type of service characteristics SC Service Category	**X**	**AN 2/2**
SI13	**234**	**Product/Service ID** Identifying number for a product or service SERVIND (CSRR-14a) = Service Indicator	**X**	**AN 1/48**

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*USOCDESAV***SO-RSQ*USOCDESCAVAIL (CSRR-7)
PID*X**TI*ACCTDESC*ACCTDESC (CSRR-19a)

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)		
			X	Semi-structured (Code and Text)		
	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			
			ACCTDESC	Account Descriptor		
			USOCDESAV	USOC Description Available Indicator		
	PID05	**352**	**Description**		**X**	**AN 1/80**
			A free-form description to clarify the related data elements and their content			
			ACCTDESC (CSRR-19a) = Account Descriptor			

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		
PID08	**1073**	**Yes/No Condition or Response Code**	**O**	**ID 1/1**
		Code indicating a Yes or No condition or response USOCDESAVAIL (CSRR-7) = USOC Descriptions Available Indicator		

Segment: **N1** **Name**
Position: 3000
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes: **1** At least one of N102 or N103 is required.
2 If either N103 or N104 is present, then the other is required.
Semantic Notes:
Comments: **1** This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2 N105 and N106 further define the type of entity in N101.
Notes: N1*78*CCNA (CSRR-1)

Data Element Summary

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

Segment: **N1** **Name**
Position: 3000
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes: **1** At least one of N102 or N103 is required.
2 If either N103 or N104 is present, then the other is required.
Semantic Notes:
Comments: **1** This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2 N105 and N106 further define the type of entity in N101.
Notes: N1*EV*RSID (CSRR-17)

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	**N101**	**98**	**Entity Identifier Code** Code identifying an organizational entity, a physical location, property or an individual EV Selling Agent	**M**	**ID 2/3**
	N102	**93**	**Name** Free-form name RSID (CSRR-17) = Reseller ID	**X**	**AN 1/60**

Segment: **N1** **Name**
Position: 3000
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes: **1** At least one of N102 or N103 is required.
2 If either N103 or N104 is present, then the other is required.
Semantic Notes:
Comments: **1** This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2 N105 and N106 further define the type of entity in N101.
Notes: N1*EN*CUSTCODE (CSRR-18)

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	**N101**	**98**	**Entity Identifier Code** Code identifying an organizational entity, a physical location, property or an individual EN End User	**M**	**ID 2/3**
	N102	**93**	**Name** Free-form name CUSTCODE (CSRR-18) = Customer Code	**X**	**AN 1/60**

Segment: **N1** **Name**
Position: 3000
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes: **1** At least one of N102 or N103 is required.
2 If either N103 or N104 is present, then the other is required.
Semantic Notes:
Comments: **1** This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2 N105 and N106 further define the type of entity in N101.
Notes: N1*BY**25*CC (CSRR-2)

Data Element Summary

	Ref. Des.	Data Element	Name		
	Attributes				
M	**N101**	**98**	**Entity Identifier Code** Code identifying an organizational entity, a physical location, property or an individual BY Buying Party (Purchaser)	**M**	**ID 2/3**
	N103	**66**	**Identification Code Qualifier** Code designating the system/method of code structure used for Identification Code (67) 25 Carrier's Customer Code	**X**	**ID 1/2**
	N104	**67**	**Identification Code** Code identifying a party or other code CC (CSRR-2) = Company Code	**X**	**AN 2/80**

Segment: **PO1** **Baseline Item Data - Bad**
Position: 0100
Loop: PO1 Optional
Level: Detail
Usage: Optional
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*BAD [PO1 Loop will be used if RESPONSE (CSRR-11) = 'B' or MIXTYPE (CSRR-12) = 'E', 'F', or 'I']

Data Element Summary

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

Segment: **QTY** **Quantity**
Position: 3000
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*03*ERRNUM (CSRR-123)*EA

Data Element Summary

	Ref. Des.	Data Element	Name		
	Attributes				
M	**QTY01**	**673**	**Quantity Qualifier**	**M**	**ID 2/2**
			Code specifying the type of quantity 03 Discreet Quantity - Rejected Material		
	QTY02	**380**	**Quantity**	**X**	**R 1/15**
			Numeric value of quantity ERRNUM (CSRR-123) = Number of Error Codes		
	QTY03	**C001**	**Composite Unit of Measure**	**O**	
			To identify a composite unit of measure (See Figures Appendix for examples of use)		
M	**C00101**	**355**	**Unit or Basis for Measurement Code**	**M**	**ID 2/2**
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken EA Each		

Segment: **N9** **Reference Identification**
Position: 3500
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*1Q*ERRCODE (CSRR-124)*ERR [N9 Loop repeats ERRNUM (CSRR-123) times]

Data Element Summary

	Ref. Des.	Data Element	Name		
	Attributes				
M	**N901**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification 1Q Error Identification Code Qualifies a single number that describes an error found in application-level data	**M**	**ID 2/3**
	N902	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier ERRCODE (CSRR-124) = Error Code	**X**	**AN 1/30**
	N903	**369**	**Free-form Description** Free-form descriptive text "ERR"	**X**	**AN 1/45**

Segment: **MTX** **Text**
Position: 3600
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**ERRMESG (CSRR-125)

Data Element Summary

Ref. Des.	Data Element	Name		Attributes
MTX02	**1551**	**Message Text** To transmit large volumes of message text ERRMESG (CSRR-125) = Error Message	**X**	**AN 1/4096**

Segment: **PO1** **Baseline Item Data - Filename and Path**
Position: 0100
Loop: PO1 Optional
Level: Detail
Usage: Optional
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*PATH [PO1 Loop will be used if MIXTYPE (CSRR-12) = 'F']

Data Element Summary

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

Segment: **N9** **Reference Identification**
Position: 3500
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*EV*FILENAMEPATH

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
M N901	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification EV Receiver Identification Number A unique number identifying the organization/site location designated to receive the current transmitted transaction set	**M ID 2/3**
N902	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier "FILENAMEPATH"	**X AN 1/30**

Segment: **MTX** **Text**
Position: 3600
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**FILENAMEPATH (CSRR-122)

Data Element Summary

Ref. Des.	Data Element	Name		Attributes
MTX02	**1551**	**Message Text** To transmit large volumes of message text FILENAMEPATH (CSRR-122) = File Name and Path	**X**	**AN 1/4096**

Segment: **PO1** **Baseline Item Data - WTN/ECCKT ERROR SECTION**
Position: 0100
Loop: PO1 Optional
Level: Detail
Usage: Optional
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*BADWTN [PO1 Loop will be used if RESPONSE (CSRR-11) = 'M' and MIXTYPE (CSRR-12) = 'T']

Data Element Summary

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

Segment: **QTY** **Quantity**
Position: 3000
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*03*ERRNUM (CSRR-127)*EA

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**QTY01**	**673**	**Quantity Qualifier** Code specifying the type of quantity 03 Discreet Quantity - Rejected Material	**M**	**ID 2/2**
	QTY02	**380**	**Quantity** Numeric value of quantity ERRNUM (CSRR-127) = Number of Errors	**X**	**R 1/15**
	QTY03	**C001**	**Composite Unit of Measure** To identify a composite unit of measure (See Figures Appendix for examples of use)	**O**	
M	**C00101**	**355**	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken EA Each	**M**	**ID 2/2**

Segment: **N9** **Reference Identification**
Position: 3500
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*ERRSUMMSG

Data Element Summary

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

Segment: **MTX** **Text**
Position: 3600
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**ERRSUMMSG (CSRR-126)

Data Element Summary

Ref. Des.	Data Element	Name		Attributes
MTX02	**1551**	**Message Text** To transmit large volumes of message text ERRSUMMSG (CSRR-126) = Error Summary Message	**X**	**AN 1/4096**

Segment: **SLN** **Subline Item Detail**
Position: 4900
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*ERRINFO*n*A*1*EA [SLN Loop repeats ERRNUM (CSRR-127) times]

Data Element Summary

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

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

Segment: **MTX** **Text**
Position: 4950
Loop: SLN 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**ERRMSG (CSRR-131)

Data Element Summary

Ref. Des.	Data Element	Name		Attributes
MTX02	**1551**	**Message Text** To transmit large volumes of message text ERRMSG (CSRR-131) = Error Message	**X**	**AN 1/4096**

Segment: **SI** **Service Characteristic Identification**
Position: 5000
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*II*INDEXID (CSRR-128)
SI*TI*WE*WTN/ECCKT (CSRR-129)
SI*TI*ER*ERRTYPE (CSRR-130)

Data Element Summary

	Ref. Des.	Data Element	Name		
	Attributes				
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		
			ER Error Type		
			II Index ID		
			WE WTN/ECCKT		
M	**SI03**	**234**	**Product/Service ID**	**M**	**AN 1/48**
			Identifying number for a product or service		
			INDEXID (CSRR-128) = Index ID WTN/ECCKT (CSRR-129) = WTN/ECCKT ERRTYPE (CSRR-130) = Error Type		

Segment: **PO1** **Baseline Item Data - Multiple Match**
Position: 0100
Loop: PO1 Optional
Level: Detail
Usage: Optional
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*MULTIPLE [PO1 Loop will be used if RESPONSE (CSRR-11) = 'M' and MIXTYPE (CSRR-12) = 'M']

Data Element Summary

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

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.

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	**PID01**	**349**	**Item Description Type** Code indicating the format of a description X Semi-structured (Code and Text)	**M**	**ID 1/1**
	PID03	**559**	**Agency Qualifier Code** Code identifying the agency assigning the code values TI Telecommunications Industry	**X**	**ID 2/2**
	PID04	**751**	**Product Description Code** A code from an industry code list which provides specific data about a product characteristic ACCTDESC Account Descriptor	**X**	**AN 1/12**
	PID05	**352**	**Description** A free-form description to clarify the related data elements and their content ACCTDESC (CSRR-121a) = Account Descriptor	**X**	**AN 1/80**

Segment: **QTY** **Quantity**
Position: 3000
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*41*MATCHNUM (CSRR-99)*EA

Data Element Summary

	Ref. Des.	Data Element	Name		
	Attributes				
M	**QTY01**	**673**	**Quantity Qualifier**	**M**	**ID 2/2**
			Code specifying the type of quantity 41 Number of Batches		
	QTY02	**380**	**Quantity**	**X**	**R 1/15**
			Numeric value of quantity MATCHNUM (CSRR-99) = Number of Matches		
	QTY03	**C001**	**Composite Unit of Measure**	**O**	
			To identify a composite unit of measure (See Figures Appendix for examples of use)		
M	**C00101**	**355**	**Unit or Basis for Measurement Code**	**M**	**ID 2/2**
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken EA Each		

Segment: **SLN** **Subline Item Detail**
Position: 4900
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*MATCH*n*A*1*EA [SLN Loop repeats MATCHNUM (CSRR-99) times]

Data Element Summary

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

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

Segment: **SI** **Service Characteristic Identification**
Position: 5000
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*CL*CS (CSRR-120)
SI*TI*AS*STATIND (CSRR-121)

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	**SI01**	**559**	**Agency Qualifier Code** Code identifying the agency assigning the code values TI Telecommunications Industry	**M**	**ID 2/2**
M	**SI02**	**1000**	**Service Characteristics Qualifier** Code from an industry code list qualifying the type of service characteristics AS Account Status CL Class of Service Code	**M**	**AN 2/2**
M	**SI03**	**234**	**Product/Service ID** Identifying number for a product or service CS (CSRR-120) = Class of Service STATIND (CSRR-121) = Account Status Indicator	**M**	**AN 1/48**

Segment: **N1** **Name**
Position: 5760
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*BY*CUST

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	**N101**	**98**	**Entity Identifier Code** Code identifying an organizational entity, a physical location, property or an individual BY Buying Party (Purchaser)	**M**	**ID 2/3**
	N102	**93**	**Name** Free-form name "CUST"	**X**	**AN 1/60**

Segment: **N2** **Additional Name Information**
Position: 5780
Loop: N1 Optional
Level: Detail
Usage: Optional
Max Use: 2
Purpose: To specify additional names
Syntax Notes:
Semantic Notes:
Comments:
Notes: N2*CUSTNAME (CSRR-102)

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	**N201**	**93**	**Name** Free-form name CUSTNAME (CSRR-102) = Customer Name	**M**	**AN 1/60**

Segment: **N4** **Geographic Location**
Position: 5900
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 (CSRR-118)

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
N402	**156**	**State or Province Code** Code (Standard State/Province) as defined by appropriate government agency STATE (CSRR-118) = State/Province	**X**	**ID 2/2**	

Segment: **NX2** **Location ID Component**
Position: 6000
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 (CSRR-104)
NX2*02*SASN (CSRR-107)
NX2*03*SASD (CSRR-106)
NX2*07*CITY (CSRR-117)
NX2*40*SASS (CSRR-109)
NX2*59*SAPR (CSRR-103)
NX2*61*SASF (CSRR-105)
NX2*62*SATH (CSRR-108)

Data Element Summary

	Ref. Des.	Data Element	Name		
	Attributes				
M	**NX201**	**1106**	**Address Component Qualifier** Code qualifying the type of address component 01 Street Number 02 Street Name 03 Prefix Direction 07 City Name 40 Street Suffix 59 Street Number Low 61 Street Number Fraction 62 Street Name Suffix	**M**	**ID 2/2**
M	**NX202**	**166**	**Address Information** Address information SANO (CSRR-104) = Service Address Number SASN (CSRR-107) = Service Address Street Name SASD (CSRR-106) = Service Address Street Directional Prefix CITY (CSRR-117) = City SASS (CSRR-109) = Service Address Street Directional Suffix SAPR (CSRR-103) = Service Address Number Prefix SASF (CSRR-105) = Service Address Number Suffix SATH (CSRR-108) = Service Address Street Type	**M**	**AN 1/55**

Segment: **REF** **Reference Identification**
Position: 6100
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*11*AN (CSRR-101)*AN
REF*IX*REFNUM (CSRR-100)*REFNUM

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	**REF01**	**128**	**Reference Identification Qualifier**	**M**	**ID 2/3**
			Code qualifying the Reference Identification 11 Account Number Number identifies a telecommunications industry account 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 AN (CSRR-101) = Account Number REFNUM (CSRR-100) = Reference Number		
	REF03	**352**	**Description**	**X**	**AN 1/80**
			A free-form description to clarify the related data elements and their content "AN" "REFNUM"		

Segment: **PO1** **Baseline Item Data - Good**
Position: 0100
Loop: PO1 Optional
Level: Detail
Usage: Optional
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*LIST [PO1 Loop will be used if RESPONSE (CSRR-11) = 'G' and SERVIND (CSRR-14a) = "T" or RESPONSE (CSRR-11) = 'M' and MIXTYPE (CSRR-12) = 'I' or 'T']

Data Element Summary

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

Segment: **QTY** **Quantity**
Position: 3000
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*N4*LFIDNUM (CSRR-53)*EA

Data Element Summary

	Ref. Des.	Data Element	Name		
	Attributes				
M	**QTY01**	**673**	**Quantity Qualifier**	**M**	**ID 2/2**
			Code specifying the type of quantity N4 Number of Times		
	QTY02	**380**	**Quantity**	**X**	**R 1/15**
			Numeric value of quantity LFIDNUM (CSRR-53) = Number of Left Handed Field Identifiers		
	QTY03	**C001**	**Composite Unit of Measure**	**O**	
			To identify a composite unit of measure (See Figures Appendix for examples of use)		
M	**C00101**	**355**	**Unit or Basis for Measurement Code**	**M**	**ID 2/2**
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken EA Each		

Segment: **N9** **Reference Identification**
Position: 3500
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*LOC*AAI

Data Element Summary

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

Segment: **MTX** **Text**
Position: 3600
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**AAI (CSRR-46)

Data Element Summary

Ref. Des.	Data Element	Name		Attributes
MTX02	**1551**	**Message Text** To transmit large volumes of message text AAI (CSRR-46) = Additional Address Information	**X**	**AN 1/4096**

Segment: **N1** **Name**
Position: 3700
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*LISTADD

Data Element Summary

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

Segment: **IN2** **Individual Name Structure Components**
Position: 3850
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 (CSRR-24)*TITLE1
IN2*01*TITLE2 (CSRR-25)*TITLE2
IN2*02*LNFN (CSRR-21)*LNFN (CSRR-21)
IN2*05*LNLN (CSRR-20)
IN2*10*TL (CSRR-23)*TL
IN2*18*NICK (CSRR-26)
IN2*21*DES (CSRR-22)

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	**IN201**	**1104**	**Name Component Qualifier** Code identifying the type of name component 01 Prefix 02 First Name 05 Last Name 10 Generation 18 Preferred First Name or Nickname 21 Professional Title	**M**	**ID 2/2**
M	**IN202**	**93**	**Name** Free-form name LNLN (CSRR-20) = Listed Name Last LNFN (CSRR-21) = Listed Name First DES (CSRR-22) = Designation TL (CSRR-23) = Title of Lineage TITLE1 (CSRR-24) = Title of Address 1 TITLE2 (CSRR-25) = Title of Address 2 NICK (CSRR-26) = Nickname	**M**	**AN 1/60**
	IN203	**93**	**Name** Free-form name LNFN (CSRR-21) = Listed Name First "TL" "TITLE1" "TITLE2"	**O**	**AN 1/60**

Segment: **N4** **Geographic Location**
Position: 4000
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 (CSRR-36)*LAZC (CSRR-37)

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
N402	**156**	**State or Province Code** Code (Standard State/Province) as defined by appropriate government agency LAST (CSRR-36) = Listed Address State/Province	**X**	**ID 2/2**
N403	**116**	**Postal Code** Code defining international postal zone code excluding punctuation and blanks (zip code for United States) LAZC (CSRR-37) = Listed Address Zip/Postal Code	**O**	**ID 3/15**

Segment: **NX2** **Location ID Component**
Position: 4050
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 (CSRR-28)
NX2*02*LASN (CSRR-31)
NX2*03*LASD (CSRR-30)
NX2*07*LALOC (CSRR-35)
NX2*18*LALO (CSRR-34)
NX2*40*LASS (CSRR-33)
NX2*59*LAPR (CSRR-27)
NX2*61*LASF (CSRR-29)
NX2*62*LATH (CSRR-32)

Data Element Summary

	Ref. Des. Attributes	Data Element	Name			
M	**NX201**	**1106**	**Address Component Qualifier** Code qualifying the type of address component 01 Street Number 02 Street Name 03 Prefix Direction 07 City Name 18 Unstructured Mailing Address 40 Street Suffix 59 Street Number Low 61 Street Number Fraction 62 Street Name Suffix	**M**	**ID 2/2**
M	**NX202**	**166**	**Address Information** Address information LANO(CSRR-28) = Listed Address Number LASN(CSRR-31) = Listed Address Street Name LASD(CSRR-30) = Listed Address Street Directional Prefix LALOC(CSRR-35) = Listed Address Locality LALO(CSRR-34) = Listed Address Location LASS(CSRR-33) = Listed Address Street Directional Suffix LAPR(CSRR-27) = Listed Address Number Prefix LASF(CSRR-29) = Listed Address Number Suffix LATH(CSRR-32) = Listed Address Street Type	**M**	**AN 1/55**

Segment: **N1** **Name**
Position: 3700
Loop: N1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes: **1** At least one of N102 or N103 is required.
2 If either N103 or N104 is present, then the other is required.
Semantic Notes:
Comments: **1** This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2 N105 and N106 further define the type of entity in N101.
Notes: N1*IT*NAME (CSRR-38)

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	**N101**	**98**	**Entity Identifier Code** Code identifying an organizational entity, a physical location, property or an individual IT Installation on Site	**M**	**ID 2/3**
	N102	**93**	**Name** Free-form name NAME (CSRR-38) = Listed Name	**X**	**AN 1/60**

Segment: **N4** **Geographic Location**
Position: 4000
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 (CSRR-51)*ZIP (CSRR-52)

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
N402	**156**	**State or Province Code** Code (Standard State/Province) as defined by appropriate government agency STATE (CSRR-51) = State/Province	**X**	**ID 2/2**
N403	**116**	**Postal Code** Code defining international postal zone code excluding punctuation and blanks (zip code for United States) ZIP (CSRR-52) = Zip/Postal Code	**O**	**ID 3/15**

Segment: **NX2** **Location ID Component**
Position: 4050
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 (CSRR-40)
NX2*02*SASN (CSRR-43)
NX2*03*SASD (CSRR-42)
NX2*07*CITY (CSRR-50)
NX2*40*SASS (CSRR-45)
NX2*59*SAPR (CSRR-39)
NX2*61*SASF (CSRR-41)
NX2*62*SATH (CSRR-44)
NX2*LD1(CSRR-45a)*LV1(CSRR-45b)
NX2*LD2(CSRR-45c)*LV2(CSRR-45d)
NX2*LD3(CSRR-45e)*LV3(CSRR-45f)

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	**NX201**	**1106**	**Address Component Qualifier** Code qualifying the type of address component LD1(CSRR-45a) = Location Designator 1 13 = (DWS: APT) 34 = (DWS: LOT) 35 = (DWS: RM) 36 = (DWS: SLIP) 37 = (DWS: UNIT) 14 = (DWS: SUIT) LD2(CSRR-45c) = Location Designator 2 32 = (DWS: FLR) LD3(CSRR-45e) = Location Designator 3 12 = (DWS: BLDG) 63 = (DWS: WNG) 30 = (DWS: PIER)	**M**	**ID 2/2**

01	Street Number
02	Street Name
03	Prefix Direction
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		
			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(CSRR-40) = Street Address Number SASN(CSRR-43) = Service Address Street Name SASD(CSRR-42) = Service Address Street Directional Prefix CITY(CSRR-50) = City SASS(CSRR-45) = Service Address Street Directional Suffix SAPR(CSRR-39) = Service Address Number Prefix SASF(CSRR-41) = Service Address Number Suffix SATH(CSRR-44) = Service Address Street Type LV1(CSRR-45b) = Location Value 1 LV2(CSRR-45d) = Location Value 2 LV3(CSRR-45f) = Location Value 3			

Segment: **SLN** **Subline Item Detail**
Position: 4900
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*FID*n*A*1*EA [SLN Loop repeats LFIDNUM (CSRR-53) times]

Data Element Summary

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

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

Segment: **QTY** **Quantity**
Position: 5590
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*N4*FFIDNUM (CSRR-57)*EA

Data Element Summary

	Ref. Des.	Data Element	Name		
	Attributes				
M	**QTY01**	**673**	**Quantity Qualifier**	**M**	**ID 2/2**
			Code specifying the type of quantity N4 Number of Times		
	QTY02	**380**	**Quantity**	**X**	**R 1/15**
			Numeric value of quantity FFIDNUM (CSRR-57) = Number of Floating Field Identifiers		
	QTY03	**C001**	**Composite Unit of Measure**	**O**	
			To identify a composite unit of measure (See Figures Appendix for examples of use)		
M	**C00101**	**355**	**Unit or Basis for Measurement Code**	**M**	**ID 2/2**
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken EA Each		

Segment: **N9** **Reference Identification**
Position: 5630
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*JH*LFID (CSRR-55)*LFID

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	**N901**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification JH Tag	**M**	**ID 2/3**
	N902	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier LFID (CSRR-55) = Left Handed FID	**X**	**AN 1/30**
	N903	**369**	**Free-form Description** Free-form descriptive text "LFID"	**X**	**AN 1/45**

Segment: **MTX** **Text**
Position: 5650
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**LFIDDATA (CSRR-56)

Data Element Summary

Ref. Des.	Data Element	Name		Attributes
MTX02	**1551**	**Message Text** To transmit large volumes of message text LFIDDATA (CSRR-56) = Left Handed Field Identifier Data	**X**	**AN 1/4096**

Segment: **N9** **Reference Identification**
Position: 5630
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*JH*FFID (CSRR-58)*FFID [N9 Loop repeats FFIDNUM (CSRR-57) times]

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
M N901	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification JH Tag	**M**	**ID 2/3**
N902	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier FFID (CSRR-58) = Floating Field Identifier	**X**	**AN 1/30**
N903	**369**	**Free-form Description** Free-form descriptive text "FFID"	**X**	**AN 1/45**

Segment: **MTX** **Text**
Position: 5650
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**FFIDDATA (CSRR-59)

Data Element Summary

Ref. Des.	Data Element	Name		Attributes
MTX02	**1551**	**Message Text** To transmit large volumes of message text FFIDDATA (CSRR-59) = Floating Field Identifier Data	**X**	**AN 1/4096**

Segment: **PO1** **Baseline Item Data - Bill**
Position: 0100
Loop: PO1 Optional
Level: Detail
Usage: Optional
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*BILL [PO1 Loop will be used if RESPONSE (CSRR-11) = 'G' or RESPONSE (CSRR-11) = 'M' and MIXTYPE (CSRR-12) = 'I' or 'T']

Data Element Summary

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

Segment: **QTY** **Quantity**
Position: 3000
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*N4*LFIDNUM (CSRR-68)*EA

Data Element Summary

	Ref. Des.	Data Element	Name		
	Attributes				
M	**QTY01**	**673**	**Quantity Qualifier**	**M**	**ID 2/2**
			Code specifying the type of quantity N4 Number of Times		
	QTY02	**380**	**Quantity**	**X**	**R 1/15**
			Numeric value of quantity LFIDNUM (CSRR-68) = Number of Left Handed Field Identifiers		
	QTY03	**C001**	**Composite Unit of Measure**	**O**	
			To identify a composite unit of measure (See Figures Appendix for examples of use)		
M	**C00101**	**355**	**Unit or Basis for Measurement Code**	**M**	**ID 2/2**
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken EA Each		

Segment: **N1** **Name**
Position: 3700
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*X1*BILLNM (CSRR-60)

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	**N101**	**98**	**Entity Identifier Code** Code identifying an organizational entity, a physical location, property or an individual XI Original Claimant	**M**	**ID 2/3**
	N102	**93**	**Name** Free-form name BILLNM (CSRR-60) = Bill Name	**X**	**AN 1/60**

Segment: **N2** **Additional Name Information**
Position: 3800
Loop: N1 Optional
Level: Detail
Usage: Optional
Max Use: 2
Purpose: To specify additional names
Syntax Notes:
Semantic Notes:
Comments:
Notes: N2*SBILLNM (CSRR-61)

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	**N201**	**93**	**Name** Free-form name SBILLNM (CSR-61) = Secondary Bill Name	**M**	**AN 1/60**

Segment: **N1** **Name**
Position: 3700
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*BADD

Data Element Summary

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

Segment: **N4** **Geographic Location**
Position: 4000
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 (CSRR-66)*ZIP (CSRR-67)

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
N402	**156**	**State or Province Code** Code (Standard State/Province) as defined by appropriate government agency STATE (CSRR-66) = State/Province	**X**	**ID 2/2**
N403	**116**	**Postal Code** Code defining international postal zone code excluding punctuation and blanks (zip code for United States) ZIP (CSRR-67) = Zip/Postal Code	**O**	**ID 3/15**

Segment: **NX2** **Location ID Component**
Position: 4050
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*02*STREET (CSRR-62)
NX2*32*FLOOR (CSRR-63)
NX2*07*CITY (CSRR-65)
NX2*35*ROOM/MAIL STOP (CSRR-64)

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		
			02 Street Name		
			07 City Name		
			32 Floor A particular floor or level of a building		
			35 Room A walled room or partitioned area of a building		
M	**NX202**	**166**	**Address Information**	**M**	**AN 1/55**
			Address information STREET (CSRR-62) = Street Address FLOOR (CSRR-63) = Floor CITY (CSRR-65) = City ROOM/MAIL STOP (CSRR-64) = Room/Mail Stop		

Segment: **SLN** **Subline Item Detail**
Position: 4900
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*FID*n*A*1*EA [SLN Loop repeats LFIDNUM (CSRR-68) times]

Data Element Summary

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

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

Segment: **QTY** **Quantity**
Position: 5590
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*N4*FFIDNUM (CSRR-71)*EA

Data Element Summary

	Ref. Des.	Data Element	Name		
	Attributes				
M	**QTY01**	**673**	**Quantity Qualifier**	**M**	**ID 2/2**
			Code specifying the type of quantity N4 Number of Times		
	QTY02	**380**	**Quantity**	**X**	**R 1/15**
			Numeric value of quantity FFIDNUM (CSRR-71) = Number of Floating FIDs		
	QTY03	**C001**	**Composite Unit of Measure**	**O**	
			To identify a composite unit of measure (See Figures Appendix for examples of use)		
M	**C00101**	**355**	**Unit or Basis for Measurement Code**	**M**	**ID 2/2**
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken EA Each		

Segment: **N9** **Reference Identification**
Position: 5630
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*JH*LFID (CSRR-69)*LFID

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	**N901**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification JH Tag	**M**	**ID 2/3**
	N902	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier LFID (CSRR-69) = Left Handed Field Identifier	**X**	**AN 1/30**
	N903	**369**	**Free-form Description** Free-form descriptive text "LFID"	**X**	**AN 1/45**

Segment: **MTX** **Text**
Position: 5650
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**LFIDDATA (CSRR-70)

Data Element Summary

Ref. Des.	Data Element	Name		Attributes
MTX02	**1551**	**Message Text** To transmit large volumes of message text LFIDDATA (CSRR-70) = Left Handed Field Identifier Data	**X**	**AN 1/4096**

Segment: **N9** **Reference Identification**
Position: 5630
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*JH*FFID (CSRR-72)*FFID [N9 Loop repeats FFIDNUM (CSRR-71) times]

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	**N901**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification JH Tag	**M**	**ID 2/3**
	N902	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier FFID (CSRR-72) = Floating Field Identifier	**X**	**AN 1/30**
	N903	**369**	**Free-form Description** Free-form descriptive text "FFID"	**X**	**AN 1/45**

Segment: **MTX** **Text**
Position: 5650
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**FFIDDATA (CSRR-73)

Data Element Summary

Ref. Des.	Data Element	Name		Attributes
MTX02	**1551**	**Message Text** To transmit large volumes of message text FFIDDATA (CSRR-73) = Floating Field Identifier Data	**X**	**AN 1/4096**

Segment: **PO1** **Baseline Item Data - USOC (Services and Equipment)**
Position: 0100
Loop: PO1 Optional
Level: Detail
Usage: Optional
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*SEUSOC [PO1 Loop will be used if RESPONSE (CSRR-11) = 'G' or RESPONSE (CSRR-11) = 'M' and MIXTYPE (CSRR-12) = 'I' or 'T']

Data Element Summary

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

Segment: **QTY** **Quantity**
Position: 3000
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*P6*USOCNUM (CSRR-74)*EA

Data Element Summary

	Ref. Des.	Data Element	Name		
	Attributes				
M	**QTY01**	**673**	**Quantity Qualifier**	**M**	**ID 2/2**
			Code specifying the type of quantity P6 Number of Services or Procedures		
	QTY02	**380**	**Quantity**	**X**	**R 1/15**
			Numeric value of quantity USOCNUM (CSRR-74) = Number of Universal Service Order Codes		
	QTY03	**C001**	**Composite Unit of Measure**	**O**	
			To identify a composite unit of measure (See Figures Appendix for examples of use)		
M	**C00101**	**355**	**Unit or Basis for Measurement Code**	**M**	**ID 2/2**
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken EA Each		

Segment: **SLN** **Subline Item Detail**
Position: 4900
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*USOC*n*A*1*EA [SLN Loop repeats USOCNUM (CSRR-74) times]

Data Element Summary

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

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

Segment: **QTY** **Quantity**
Position: 3000
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*N4*FFIDNUM (CSRR-81)*EA

Data Element Summary

	Ref. Des.	Data Element	Name		
	Attributes				
M	**QTY01**	**673**	**Quantity Qualifier**	**M**	**ID 2/2**
			Code specifying the type of quantity N4 Number of Times		
	QTY02	**380**	**Quantity**	**X**	**R 1/15**
			Numeric value of quantity FFIDNUM (CSRR-81) = Number of Floating FIDs		
	QTY03	**C001**	**Composite Unit of Measure**	**O**	
			To identify a composite unit of measure (See Figures Appendix for examples of use)		
M	**C00101**	**355**	**Unit or Basis for Measurement Code**	**M**	**ID 2/2**
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken EA Each		

Segment: **QTY** **Quantity**
Position: 3000
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*P6*USOCQTY (CSRR-77)*EA

Data Element Summary

	Ref. Des.	Data Element	Name		
	Attributes				
M	**QTY01**	**673**	**Quantity Qualifier**	**M**	**ID 2/2**
			Code specifying the type of quantity P6 Number of Services or Procedures		
	QTY02	**380**	**Quantity**	**X**	**R 1/15**
			Numeric value of quantity USOCQTY (CSRR-77) = Quantity		
	QTY03	**C001**	**Composite Unit of Measure**	**O**	
			To identify a composite unit of measure (See Figures Appendix for examples of use)		
M	**C00101**	**355**	**Unit or Basis for Measurement Code**	**M**	**ID 2/2**
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken EA Each		

Segment: **SI** **Service Characteristic Identification**
Position: 3020
Loop: QTY Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify service characteristic data
Syntax Notes:
1 If either SI04 or SI05 is present, then the other is required.
2 If either SI06 or SI07 is present, then the other is required.
3 If either SI08 or SI09 is present, then the other is required.
4 If either SI10 or SI11 is present, then the other is required.
5 If either SI12 or SI13 is present, then the other is required.
6 If either SI14 or SI15 is present, then the other is required.
7 If either SI16 or SI17 is present, then the other is required.
8 If either SI18 or SI19 is present, then the other is required.
9 If either SI20 or SI21 is present, then the other is required.
Semantic Notes:
Comments:
1 SI01 defines the source for each of the service characteristics qualifiers.
Notes: SI*TI*SC*USOC (CSRR-75)

Data Element Summary

	Ref. Des.	Data Element	Name		
	Attributes				
M	**SI01**	**559**	**Agency Qualifier Code** Code identifying the agency assigning the code values TI Telecommunications Industry	**M**	**ID 2/2**
M	**SI02**	**1000**	**Service Characteristics Qualifier** Code from an industry code list qualifying the type of service characteristics SC Service Category Codes	**M**	**AN 2/2**
M	**SI03**	**234**	**Product/Service ID** Identifying number for a product or service USOC (CSRR-75) = Universal Service Order Code	**M**	**AN 1/48**

Segment: **N9** **Reference Identification**
Position: 3500
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*JH*FFID (CSRR-82)*FFID [N9 Loop repeats FFIDNUM (CSRR-81) times]

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**N901**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification JH Tag	**M**	**ID 2/3**
	N902	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier FFID (CSRR-82) = Floating FID	**X**	**AN 1/30**
	N903	**369**	**Free-form Description** Free-form descriptive text "FFID"	**X**	**AN 1/45**

Segment: **MTX** **Text**
Position: 3600
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**FFIDDATA (CSRR-83)

Data Element Summary

Ref. Des.	Data Element	Name		Attributes
MTX02	**1551**	**Message Text** To transmit large volumes of message text FFIDDATA (CSRR-83) = Floating FID Data	**X**	**AN 1/4096**

Segment: **N9** **Reference Identification**
Position: 3500
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*P4*USOCDESC

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**N901**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification P4 Project Code	**M**	**ID 2/3**
	N902	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier "USOCDESC"	**X**	**AN 1/30**

Segment: **MTX** **Text**
Position: 3600
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**USOCDESC (CSRR-76)

Data Element Summary

Ref. Des.	Data Element	Name		Attributes
MTX02	**1551**	**Message Text** To transmit large volumes of message text USOCDESC (CSRR-76) = English USOC Description	**X**	**AN 1/4096**

Segment: **PO1** **Baseline Item Data - Major Heading (Services and Equipment)**
Position: 0100
Loop: PO1 Optional
Level: Detail
Usage: Optional
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*SEMAJHD [PO1 Loop repeats MAJHDNUM (CSRR-84) times]

Data Element Summary

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

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*X**TI*HEADNAME (CSRR-85)*HEADDTL (CSRR-86)**MAJHD

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	**PID01**	**349**	**Item Description Type** Code indicating the format of a description X Semi-structured (Code and Text)	**M**	**ID 1/1**
	PID03	**559**	**Agency Qualifier Code** Code identifying the agency assigning the code values TI Telecommunications Industry	**X**	**ID 2/2**
	PID04	**751**	**Product Description Code** A code from an industry code list which provides specific data about a product characteristic HEADNAME (CSRR-85) = Heading Name	**X**	**AN 1/12**
	PID05	**352**	**Description** A free-form description to clarify the related data elements and their content HEADDTL (CSRR-86) = Heading Details	**X**	**AN 1/80**
	PID07	**822**	**Source Subqualifier** A reference that indicates the table or text maintained by the Source Qualifier "MAJHD"	**O**	**AN 1/15**

Segment: **QTY** **Quantity**
Position: 3000
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*P6*USOCNUM (CSRR-90)*EA

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	**QTY01**	**673**	**Quantity Qualifier**	**M**	**ID 2/2**
			Code specifying the type of quantity P6 Number of Services or Procedures		
	QTY02	**380**	**Quantity**	**X**	**R 1/15**
			Numeric value of quantity USOCNUM (CSRR-90) = Number of Universal Service Order Codes		
	QTY03	**C001**	**Composite Unit of Measure**	**O**	
			To identify a composite unit of measure (See Figures Appendix for examples of use)		
M	**C00101**	**355**	**Unit or Basis for Measurement Code**	**M**	**ID 2/2**
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken EA Each		

Segment: **QTY** **Quantity**
Position: 3000
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*N4*FFIDNUM (CSRR-87)*EA

Data Element Summary

	Ref. Des.	Data Element	Name		
	Attributes				
M	**QTY01**	**673**	**Quantity Qualifier**	**M**	**ID 2/2**
			Code specifying the type of quantity N4 Number of Times		
	QTY02	**380**	**Quantity**	**X**	**R 1/15**
			Numeric value of quantity FFIDNUM (CSRR-87) = Number of Floating FIDs		
	QTY03	**C001**	**Composite Unit of Measure**	**O**	
			To identify a composite unit of measure (See Figures Appendix for examples of use)		
M	**C00101**	**355**	**Unit or Basis for Measurement Code**	**M**	**ID 2/2**
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken EA Each		

Segment: **N9** **Reference Identification**
Position: 3500
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*JH*FFID (CSRR-88)*FFID [N9 Loop repeats FFIDNUM (CSRR-87) times]

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
M N901	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification JH Tag	**M**	**ID 2/3**
N902	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier FFID (CSRR-88) = Floating FID	**X**	**AN 1/30**
N903	**369**	**Free-form Description** Free-form descriptive text "FFID"	**X**	**AN 1/45**

Segment: **MTX** **Text**
Position: 3600
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**FFIDDATA (CSRR-89)

Data Element Summary

Ref. Des.	Data Element	Name		Attributes
MTX02	**1551**	**Message Text** To transmit large volumes of message text FFIDDATA (CSRR-89) = Floating FID Data	**X**	**AN 1/4096**

Segment: **SLN** **Subline Item Detail**
Position: 4900
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*USOC*n*A*1*EA [SLN Loop repeats USOCNUM (CSRR-90) times]

Data Element Summary

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

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

Segment: **QTY** **Quantity**
Position: 5590
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*N4*FFIDNUM (CSRR-96)*EA

Data Element Summary

	Ref. Des.	Data Element	Name		
	Attributes				
M	**QTY01**	**673**	**Quantity Qualifier**	**M**	**ID 2/2**
			Code specifying the type of quantity N4 Number of Times		
	QTY02	**380**	**Quantity**	**X**	**R 1/15**
			Numeric value of quantity FFIDNUM (CSRR-96) = Number of Floating FIDs		
	QTY03	**C001**	**Composite Unit of Measure**	**O**	
			To identify a composite unit of measure (See Figures Appendix for examples of use)		
M	**C00101**	**355**	**Unit or Basis for Measurement Code**	**M**	**ID 2/2**
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken EA Each		

Segment: **QTY** **Quantity**
Position: 5590
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*P6*USOCQTY (CSRR-92)*EA

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**QTY01**	**673**	**Quantity Qualifier** Code specifying the type of quantity P6 Number of Services or Procedures	**M**	**ID 2/2**
	QTY02	**380**	**Quantity** Numeric value of quantity USOCQTY (CSRR-92) = Quantity	**X**	**R 1/15**
	QTY03	**C001**	**Composite Unit of Measure** To identify a composite unit of measure (See Figures Appendix for examples of use)	**O**	
M	**C00101**	**355**	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken EA Each	**M**	**ID 2/2**

Segment: **SI** **Service Characteristic Identification**
Position: 5610
Loop: QTY Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify service characteristic data
Syntax Notes:
1 If either SI04 or SI05 is present, then the other is required.
2 If either SI06 or SI07 is present, then the other is required.
3 If either SI08 or SI09 is present, then the other is required.
4 If either SI10 or SI11 is present, then the other is required.
5 If either SI12 or SI13 is present, then the other is required.
6 If either SI14 or SI15 is present, then the other is required.
7 If either SI16 or SI17 is present, then the other is required.
8 If either SI18 or SI19 is present, then the other is required.
9 If either SI20 or SI21 is present, then the other is required.
Semantic Notes:
Comments:
1 SI01 defines the source for each of the service characteristics qualifiers.
Notes: SI*TI*SC*USOC (CSRR-91)

Data Element Summary

	Ref. Des.	Data Element	Name		
	Attributes				
M	**SI01**	**559**	**Agency Qualifier Code** Code identifying the agency assigning the code values TI Telecommunications Industry	**M**	**ID 2/2**
M	**SI02**	**1000**	**Service Characteristics Qualifier** Code from an industry code list qualifying the type of service characteristics SC Service Category Code	**M**	**AN 2/2**
M	**SI03**	**234**	**Product/Service ID** Identifying number for a product or service USOC (CSRR-91) = Universal Service Order Code	**M**	**AN 1/48**

Segment: **N9** **Reference Identification**
Position: 5630
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*JH*FFID (CSRR-97)*FFID [N9 Loop repeats FFIDNUM (CSRR-96) times]

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**N901**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification JH Tag	**M**	**ID 2/3**
	N902	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier FFID (CSRR-97) = Floating FID	**X**	**AN 1/30**
	N903	**369**	**Free-form Description** Free-form descriptive text "FFID"	**X**	**AN 1/45**

Segment: **MTX** **Text**
Position: 5650
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**FFIDDATA (CSRR-98)

Data Element Summary

Ref. Des.	Data Element	Name		Attributes
MTX02	**1551**	**Message Text** To transmit large volumes of message text FFIDDATA (CSRR-98) = Floating FID Data	**X**	**AN 1/4096**

Segment: **N9** **Reference Identification**
Position: 5630
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*P4*USOCDESC

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**N901**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification P4 Project Code	**M**	**ID 2/3**
	N902	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier "USOCDESC"	**X**	**AN 1/30**

Segment: **MTX** **Text**
Position: 5650
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**USOCDESC (CSRR-91a)

Data Element Summary

Ref. Des.	Data Element	Name		Attributes
MTX02	**1551**	**Message Text** To transmit large volumes of message text USOCDESC (CSRR-91a) = English USOC Description	**X**	**AN 1/4096**

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

Data Element Summary

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

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

Data Element Summary

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