

TN/Appointment Cancellation Transaction Cycle

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10. TN/Appointment Cancellation Transaction Cycle

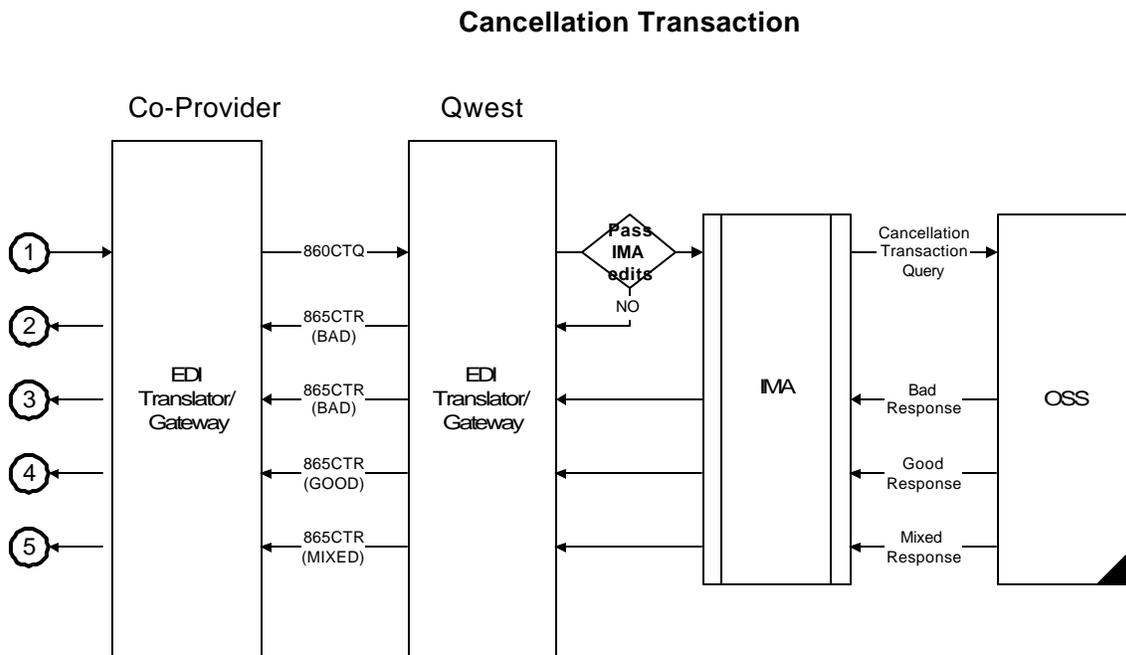
10.1 Business Description

Appointments that have been scheduled and TNs that have been reserved may be canceled or returned by a CLEC to Qwest electronically by submitting an EDI Cancel transaction.

10.2 Business Model

Cancellation Transaction

The Cancellation Transaction provides a means for the Co-Provider to cancel a confirmed appointment or a TN reservation that is no longer needed and to be released for re-use in a timely manner.



1. The Co-Provider submits an 860CTQ to cancel a confirmed appointment or TN assignment. To cancel an appointment, the INQRES NBR is required. To cancel a TN reservation, the TN is required.
2. If the 860CTQ fails the IMA edits, 865CTR (BAD) will be returned.

If the 860CTQ passes the IMA edits, the query will be sent to the Operations Support System (OSS). This system will respond with one of three conditions: GOOD, BAD, or MIXED.

3. 865CTR (BAD) will be returned when the 860CTQ encounters an error(s) with the OSS.
4. An 865CTR (GOOD) will be returned when the appointment or the TN reservation has been successfully released.
5. An 865CTR (MIXED) will be returned when at least one TN can be returned, but an error is encountered in the OSS while attempting to return one or more of the other TNs.

10.3 Developer Worksheets

See Appendix A - Developer Worksheets - PreOrder

10.4 Trading Partner Access Information

| PRE-ORDER FUNCTION | PRODUCT ID |
|-----------------------|------------|
| Cancellation Query | 860CTQ |
| Cancellation Response | 865CTR |

10.4.1 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.

10.4.2 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 | <i>Date of the interchange. YYMMDD</i> | <i>Date of the interchange. YYMMDD</i> |
| ISA10 | <i>Time of the interchange. HHMM (24 Hour Clock)</i> | <i>Time of the interchange. HHMM (24 Hour Clock)</i> |
| 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 | <i>Sender's translator assigned sequential control number</i> | <i>Sender's translator assigned sequential control number</i> |
| 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) |

10.4.3 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 | <i>Co-Provider TP ID</i> | SEE GS TABLE BELOW |
| GS03 | SEE GS TABLE BELOW | <i>Co-Provider TP ID</i> |
| GS04 | <i>Date of the functional group. CCYYMMDD</i> | <i>Date of the functional group. CCYYMMDD</i> |
| GS05 | <i>Time of the functional group. HHMM (24 hour clock)</i> | <i>Time of the functional group. HHMM (24 hour clock)</i> |
| GS06 | <i>Sender's translator assigned sequential control number</i> | <i>Sender's translator assigned sequential control number</i> |
| 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 |
|------------------------------|----------------------------|-----------------|-------------------|--------------------------|--------------------------|
| Cancellation Query | Receive | 860CTQ | PC | <i>Co-Provider TP ID</i> | CT90 |
| Cancellation Response | Send | 865CTR | CA | CT90 | <i>Co-Provider TP ID</i> |

10.4.4 MAPPING EXAMPLE AND DATA DICTIONARY ITEMS:

Purchase Order (PO) Date

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

Time Code

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

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

4020 Exceptions

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

- SLN loop maximum use has been changed to >1

Delimiters

The following delimiters will be used:

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

Qwest Specific Fields

SI segments, as represented in the disclosure chapter of mapping examples, require exact syntax for the SI segments containing one pair of a qualifier to a valid value for accurate translation through the Qwest EDI Gateway. A SI segment that has multiple pairs of qualifiers and valid values does not require exact position placement.

10.5 Mapping Examples

10.5.1 860 CANCELLATION QUERY (860CTQ) - Version 4020

Legend of Symbols in this transaction example

| Symbol/Definition | Example |
|--|--|
| { } = Valid Format | {CCYYMMDD} |
| Bold/Italics = DWS Element | PON |
| Superscript = Developer's Worksheet Ref # DWS used in this mapping example: CTQ = Cancellation Query CTR = Cancellation Response | ^{CTR-2} |
| <i>Italics</i> = Literal | <i>GOOD</i> |
| <u>Underline</u> = Apply code conversion, used with Bold/Italics . Code conversion tables can be found in the data dictionary of this disclosure. | <u>ACT</u> |
| [] = Segment notes for this line | [SI Segment repeats ...] |
| () = Element notes for this line | (This element states ...) |
| n | Counter 1...n |
| * = Element separator in this example and related data dictionary. | = Actual element separator in an EDI transaction. |
| > = Sub-element separator in this example and related data dictionary. | Non printable characters of "Ox1f" = Actual sub-element separator in an EDI transaction. |

ST*860*TRAN SET CONTROL #
 BCH*28*IN***TXNUM**^{CTQ-2}**PO Date (See Trading Partner Access Information)
 REF*PO***PON**^{CTQ-6}
 DTM*097***D/TSENT**{CCYYMMDD}^{CTQ-3}***D/TSENT**{HHMM}^{CTQ-3}
 SI*TI*IR***TXACT**^{CTQ-5}***IQ*TXTYP**^{CTQ-4}
 N1*78***CCNA**^{CTQ-1}
 N1*BY**25***CC**^{CTQ-7}

APPOINTMENT CANCEL

POC*n*RZ*****ZZ* *APPOINTMENT* [POC Loop will be used if **TXTYP**^{CTQ-4} = "D" (Appointment Scheduling)]
 REF*IX* **INQRES NBR**^{CTQ-8}**INQRES NBR*

TN CANCEL

POC*n*RZ*****ZZ* *TN* [POC Loop will be used if **TXTYP**^{CTQ-4} = "B" (Telephone Number Inquiry)]
 SI*TI*RQ***SELNUM**^{CTQ-10}
 SLN**TN**n*A*1*EA
 SI*TI*RV***TNRES**^{CTQ-11} [SI Segment repeats **SELNUM**^{CTQ-10} times]

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

10.5.2 865 CANCELLATION RESPONSE (865CTR) – Version 4020

ST*865*TRAN SET CONTROL #
BCA*11*AT***TXNUM**^{CTR-2}***PO Date (See Trading Partner Access Information)
REF*PO***PON**^{CTR-6}
DTM*097***D/TSENT**{CCYYMMDD}^{CTR-3}***D/TSENT**{HHMM}^{CTR-3}
SI*TI*IR***TXACT**^{CTR-5}*IQ***TXTYP**^{CTR-4}
N1*78***CCNA**^{CTR-1}
N1*BY**25***CC**^{CTR-8}

BAD

POC*n*RZ*****ZZ* **BAD** [POC Loop will be used if **RESPONSE**^{CTR-7} = "B"]
ACK*IR*****TI* **CANCEL*RESPONSE**^{CTR-7}
QTY*03***ERRNUM**^{CTR-11}*EA
N9*1Q***ERRCODE**^{CTR-12}***ERR** [N9 Loop repeats **ERRNUM**^{CTR-11} times]
MTX****ERRMMSG**^{CTR-13}

GOOD

POC*n*RZ*****ZZ* **GOOD** [POC Loop will be used if **RESPONSE**^{CTR-7} = "G"]
ACK*IA*****TI* **CANCEL*RESPONSE**^{CTR-7}

MIXED

POC*n*RZ*****ZZ* **MIXED** [POC Loop will be used if **RESPONSE**^{CTR-7} = "M"]
ACK*IA*****TI* **CANCEL*RESPONSE**^{CTR-7}
QTY*QO***QNCNUM**^{CTR-9}*EA
QTY*03***ERRNUM**^{CTR-11}*EA
N9*1Q***ERRCODE**^{CTR-12}***ERR** [N9 Loop repeats **ERRNUM**^{CTR-11} times]
MTX****ERRMMSG**^{CTR-13}
SLN***MIXED***n*A*1*EA
SI*TI*TN***NCTN**^{CTR-10} [SI Segment repeats **QNCNUM**^{CTR-9} times]

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

10.6 Data Dictionary

10.6.1 860 Cancellation Query (860CTQ)

Functional Group ID=**PC**

Introduction:

The 860CTQ will be used by the Co-Provider to initiate a Cancellation Query to Qwest.

This implementation guideline is based on the following:
ANSI ASC X12 Version 4020

Notes:

This 860 Transaction includes the mapping for Cancellation Query.

Heading:

| | <u>Pos. No.</u> | <u>Seg. ID</u> | <u>Name</u> | <u>Req. Des.</u> | <u>Max.Use</u> | <u>Loop Repeat</u> | <u>Notes and Comments</u> |
|---|-----------------|----------------|---|------------------|----------------|--------------------|---------------------------|
| M | 0100 | ST | Transaction Set Header | M | 1 | | |
| M | 0200 | BCH | Beginning Segment for Purchase Order Change | M | 1 | | |
| | 0500 | REF | Reference Identification | O | >1 | | |
| | 1500 | DTM | Date/Time Reference | O | 10 | | |
| | 1850 | SI | Service Characteristic Identification | O | >1 | | |
| | | | | | | LOOP ID - N1 | 200 |
| | 3000 | N1 | Name | O | 1 | | |
| | | | | | | LOOP ID - N1 | 200 |
| | 3000 | N1 | Name | O | 1 | | |

Detail:

| | <u>Pos. No.</u> | <u>Seg. ID</u> | <u>Name</u> | <u>Req. Des.</u> | <u>Max.Use</u> | <u>Loop Repeat</u> | <u>Notes and Comments</u> |
|--|-----------------|----------------|---------------------------------------|------------------|----------------|--------------------|---------------------------|
| | | | | | | LOOP ID - POC | >1 |
| | 0100 | POC | Line Item Change - Appointment | O | 1 | | |
| | 1000 | REF | Reference Identification | O | >1 | | |
| | | | | | | LOOP ID - POC | >1 |
| | 0100 | POC | Line Item Change - Telephone Number | O | 1 | | |
| | 0180 | SI | Service Characteristic Identification | O | >1 | | |
| | | | | | | LOOP ID - SLN | 1000 |
| | 4600 | SLN | Subline Item Detail | O | 1 | | |
| | 4700 | SI | Service Characteristic Identification | O | >1 | | |

Summary:

| | <u>Pos. No.</u> | <u>Seg. ID</u> | <u>Name</u> | <u>Req. Des.</u> | <u>Max.Use</u> | <u>Loop Repeat</u> | <u>Notes and Comments</u> |
|--|-----------------|----------------|--------------------|------------------|----------------|--------------------|---------------------------|
| | | | | | | LOOP ID - CTT | 1 |
| | 0100 | CTT | Transaction Totals | O | 1 | | n1 |

Transaction Set Notes

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

Segment: **ST** Transaction Set Header

Position: 0100

Loop:

Level: Heading

Usage: Mandatory

Max Use: 1

Purpose: To indicate the start of a transaction set and to assign a control number

Syntax Notes:

Semantic Notes:

- 1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
- 2 The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition.

Comments:

Notes: ST*860*TRAN SET CONTROL#

Data Element Summary

| | <u>Ref.</u> | <u>Data</u> | | <u>Attributes</u> |
|---|-------------|----------------|--|-------------------|
| | <u>Des.</u> | <u>Element</u> | <u>Name</u> | |
| M | ST01 | 143 | Transaction Set Identifier Code Code uniquely identifying a Transaction Set 860 Purchase Order Change Request - Buyer Initiated | 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: **BCH** Beginning Segment for Purchase Order Change

Position: 0200

Loop:

Level: Heading

Usage: Mandatory

Max Use: 1

Purpose: To indicate the beginning of the Purchase Order Change Transaction Set and transmit identifying numbers and dates

Syntax Notes:

Semantic Notes:

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

Comments:

Notes:

BCH*28*IN*TXNUM (CTQ-2)***PO Date (See Trading Partner Access Information)

Data Element Summary

| | <u>Ref.</u> | <u>Data</u> | <u>Name</u> | <u>Attributes</u> |
|---|-------------|----------------|---|-------------------|
| | <u>Des.</u> | <u>Element</u> | | |
| M | BCH01 | 353 | Transaction Set Purpose Code Code identifying purpose of transaction set 28 Query | M ID 2/2 |
| M | BCH02 | 92 | Purchase Order Type Code Code specifying the type of Purchase Order IN Information Copy | M ID 2/2 |
| M | BCH03 | 324 | Purchase Order Number Identifying number for Purchase Order assigned by the orderer/purchaser TXNUM (CTQ-2) = Transaction Number | M AN 1/22 |
| M | BCH06 | 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*PO*PON (CTQ-6)

Data Element Summary

| | <u>Ref.</u> | <u>Data</u> | <u>Name</u> | <u>Attributes</u> |
|---|--------------|-------------|---|-------------------|
| M | REF01 | 128 | Reference Identification Qualifier Code qualifying the Reference Identification PO Purchase Order 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 PON (CTQ-6) = Purchase Order Number | X AN 1/30 |

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} (CTQ-3)*D/TSENT{HHMM} (CTQ-3)

Data Element Summary

| | <u>Ref.</u> | <u>Data</u> | <u>Name</u> | <u>Attributes</u> |
|---|--------------|-------------|---|-------------------|
| M | DTM01 | 374 | Date/Time Qualifier Code specifying type of date or time, or both date and time 097 Transaction Creation | M ID 3/3 |
| | DTM02 | 373 | Date Date expressed as CCYYMMDD D/TSENT (CTQ-3) = Date Sent | 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} (CTQ-3) = 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 (CTQ-5)*IQ*TXTYP (CTQ-4)

Data Element Summary

| Ref. | Data | | | Attributes |
|-------------|----------------|-------------|--|------------|
| <u>Des.</u> | <u>Element</u> | <u>Name</u> | | |
| 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 | |
| | | IR | Transaction Activity | |
| M | SI03 | 234 | Product/Service ID | M AN 1/48 |
| | | | Identifying number for a product or service | |
| | | | TXACT (CTQ-5) = Transaction Activity | |
| | SI04 | 1000 | Service Characteristics Qualifier | X AN 2/2 |
| | | | Code from an industry code list qualifying the type of service characteristics | |
| | | IQ | Inquiry Type | |
| | SI05 | 234 | Product/Service ID | X AN 1/48 |
| | | | Identifying number for a product or service | |
| | | | TXTYP (CTQ-4) = Transaction Type | |

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 (CTQ-1)

Data Element Summary

| Ref. | Data | | |
|-------------|----------------|--|-------------------|
| <u>Des.</u> | <u>Element</u> | <u>Name</u> | <u>Attributes</u> |
| 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 (CTQ-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*BY**25*CC (CTQ-7)

Data Element Summary

| Ref. | Data | | | |
|-------------|----------------|-------------|---|-----------|
| <u>Des.</u> | <u>Element</u> | <u>Name</u> | <u>Attributes</u> | |
| 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 (CTQ-7) = Company Code | |

Segment: **POC** Line Item Change - Appointment

Position: 0100
Loop: POC Optional
Level: Detail
Usage: Optional
Max Use: 1

Purpose: To specify changes to a line item

Syntax Notes:

- 1 If POC03 is present, then both POC04 and POC05 are required.
- 2 If POC07 is present, then POC06 is required.
- 3 If either POC08 or POC09 is present, then the other is required.
- 4 If either POC10 or POC11 is present, then the other is required.
- 5 If either POC12 or POC13 is present, then the other is required.
- 6 If either POC14 or POC15 is present, then the other is required.
- 7 If either POC16 or POC17 is present, then the other is required.
- 8 If either POC18 or POC19 is present, then the other is required.
- 9 If either POC20 or POC21 is present, then the other is required.
- 10 If either POC22 or POC23 is present, then the other is required.
- 11 If either POC24 or POC25 is present, then the other is required.
- 12 If either POC26 or POC27 is present, then the other is required.

Semantic Notes: 1 POC01 is the purchase order line item identification.

Comments:

Notes: POC*n*RZ*****ZZ*APPOINTMENT [POC Loop will be used if TXTYP (CTQ-4) = 'D' (Appointment Scheduling)]

Data Element Summary

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

Segment: **REF** Reference Identification

Position: 1000

Loop: POC Optional

Level: Detail

Usage: Optional

Max Use: >1

Purpose: To specify identifying information

Syntax Notes: 1 At least one of REF02 or REF03 is required.

2 If either C04003 or C04004 is present, then the other is required.

3 If either C04005 or C04006 is present, then the other is required.

Semantic Notes: 1 REF04 contains data relating to the value cited in REF02.

Comments:

Notes: REF*IX*INQRES NBR (CTQ-8)*INQRES NBR

Data Element Summary

| | <u>Ref.</u> | <u>Data</u> | <u>Name</u> | <u>Attributes</u> |
|---|--------------|-------------|--|-------------------|
| 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 INQRES NBR (CTQ-8) = Inquiry Response Number | X AN 1/30 |
| | REF03 | 352 | Description A free-form description to clarify the related data elements and their content "INQRES NBR" | X AN 1/80 |

Segment: **POC** Line Item Change - Telephone Number

Position: 0100
Loop: POC Optional
Level: Detail
Usage: Optional
Max Use: 1

Purpose: To specify changes to a line item

Syntax Notes:

- 1 If POC03 is present, then both POC04 and POC05 are required.
- 2 If POC07 is present, then POC06 is required.
- 3 If either POC08 or POC09 is present, then the other is required.
- 4 If either POC10 or POC11 is present, then the other is required.
- 5 If either POC12 or POC13 is present, then the other is required.
- 6 If either POC14 or POC15 is present, then the other is required.
- 7 If either POC16 or POC17 is present, then the other is required.
- 8 If either POC18 or POC19 is present, then the other is required.
- 9 If either POC20 or POC21 is present, then the other is required.
- 10 If either POC22 or POC23 is present, then the other is required.
- 11 If either POC24 or POC25 is present, then the other is required.
- 12 If either POC26 or POC27 is present, then the other is required.

Semantic Notes: 1 POC01 is the purchase order line item identification.

Comments:

Notes: POC*n*RZ*****ZZ*TN [POC Loop will be used if TXTYP (CTQ-4) = 'B' (Telephone Number Inquiry)]

Data Element Summary

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

Segment: **SI Service Characteristic Identification**

Position: 0180
Loop: POC Optional

Level: Detail

Usage: Optional

Max Use: >1

Purpose: To specify service characteristic data

- Syntax Notes:**
- 1 If either SI04 or SI05 is present, then the other is required.
 - 2 If either SI06 or SI07 is present, then the other is required.
 - 3 If either SI08 or SI09 is present, then the other is required.
 - 4 If either SI10 or SI11 is present, then the other is required.
 - 5 If either SI12 or SI13 is present, then the other is required.
 - 6 If either SI14 or SI15 is present, then the other is required.
 - 7 If either SI16 or SI17 is present, then the other is required.
 - 8 If either SI18 or SI19 is present, then the other is required.
 - 9 If either SI20 or SI21 is present, then the other is required.

Semantic Notes:

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

Notes: SI*TI*RQ*SELNUM (CTQ-10)

Data Element Summary

| | <u>Ref.</u> | <u>Data</u> | <u>Attributes</u> |
|---|-------------|--|-------------------|
| | <u>Des.</u> | <u>Element Name</u> | |
| 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 RQ Requested Number | M AN 2/2 |
| M | SI03 | 234 Product/Service ID Identifying number for a product or service SELNUM (CTQ-10) = Selected Number | M AN 1/48 |

Segment: **SLN** Subline Item Detail

Position: 4600
Loop: SLN Optional

Level: Detail

Usage: Optional

Max Use: 1

Purpose: To specify product subline detail item data

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

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

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

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

Data Element Summary

| Ref. | Des. | Data Element | Name | Attributes | |
|------|--------|--------------|--|------------|---------|
| | | | | M | AN 1/20 |
| M | SLN01 | 350 | Assigned Identification | M | AN 1/20 |
| | | | Alphanumeric characters assigned for differentiation within a transaction set | | |
| | | | "TN" | | |
| | SLN02 | 350 | Assigned Identification | O | AN 1/20 |
| | | | Alphanumeric characters assigned for differentiation within a transaction set | | |
| | | | "n" = nth assigned ID within SLN loop. | | |
| M | SLN03 | 662 | Relationship Code | M | ID 1/1 |
| | | | Code indicating the relationship between entities | | |
| | | | A Add | | |
| | SLN04 | 380 | Quantity | X | R 1/15 |
| | | | Numeric value of quantity | | |
| | | | 1 Always One | | |
| | SLN05 | C001 | Composite Unit of Measure | X | |
| | | | To identify a composite unit of measure (See Figures Appendix for examples of use) | | |
| M | C00101 | 355 | Unit or Basis for Measurement Code | M | ID 2/2 |

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

EA Each

10.6.2 865 Cancellation Response (865CTR)

Functional Group ID= **CA**

Introduction:

The 865CTR will be used by Qwest to initiate a Cancellation Response to the Co-Provider

This implementation guideline is based on the following:
ANSI ASC X12 Version 4020

Heading:

| | <u>Pos. No.</u> | <u>Seg. ID</u> | <u>Name</u> | <u>Req. Des.</u> | <u>Max.Use</u> | <u>Loop Repeat</u> | <u>Notes and Comments</u> |
|---|-----------------|----------------|--|------------------|----------------|--------------------|---------------------------|
| M | 0100 | ST | Transaction Set Header | M | 1 | | |
| M | 0200 | BCA | Beginning Segment for Purchase Order Change Acknowledgment | M | 1 | | |
| | 0500 | REF | Reference Identification | O | >1 | | |
| | 1500 | DTM | Date/Time Reference | O | 10 | | |
| | 1850 | SI | Service Characteristic Identification | O | >1 | | |
| | | | | | | LOOP ID - N1 | 200 |
| | 3000 | N1 | Name | O | 1 | | |
| | | | | | | LOOP ID - N1 | 200 |
| | 3000 | N1 | Name | O | 1 | | |

Detail:

| | <u>Pos. No.</u> | <u>Seg. ID</u> | <u>Name</u> | <u>Req. Des.</u> | <u>Max.Use</u> | <u>Loop Repeat</u> | <u>Notes and Comments</u> |
|--|-----------------|----------------|-----------------------------------|------------------|----------------|--------------------|---------------------------|
| | | | | | | LOOP ID - POC | >1 |
| | 0100 | POC | Line Item Change - Bad Response | O | 1 | | |
| | | | | | | LOOP ID - ACK | 104 |
| | 2700 | ACK | Line Item Acknowledgment | O | 1 | | |
| | | | | | | LOOP ID - QTY | >1 |
| | 3020 | QTY | Quantity | O | 1 | | |
| | | | | | | LOOP ID - N9 | 1000 |
| | 3500 | N9 | Reference Identification | O | 1 | | |
| | 3600 | MTX | Text | O | >1 | | |
| | | | | | | LOOP ID - POC | >1 |
| | 0100 | POC | Line Item Change - Good Response | O | 1 | | |
| | | | | | | LOOP ID - ACK | 104 |
| | 2700 | ACK | Line Item Acknowledgment | O | 1 | | |
| | | | | | | LOOP ID - POC | >1 |
| | 0100 | POC | Line Item Change - Mixed Response | O | 1 | | |
| | | | | | | LOOP ID - ACK | 104 |
| | 2700 | ACK | Line Item Acknowledgment | O | 1 | | |
| | | | | | | LOOP ID - QTY | >1 |
| | 3020 | QTY | Quantity | O | 1 | | |
| | | | | | | LOOP ID - QTY | >1 |

| | | | | | |
|------|-----|---------------------------------------|---|----|------|
| 3020 | QTY | Quantity | O | 1 | |
| | | LOOP ID - N9 | | | 1000 |
| 3500 | N9 | Reference Identification | O | 1 | |
| 3600 | MTX | Text | O | >1 | |
| | | LOOP ID - SLN | | | 1000 |
| 4900 | SLN | Subline Item Detail | O | 1 | |
| 5000 | SI | Service Characteristic Identification | O | >1 | |

Summary:

| <u>Pos. No.</u> | <u>Seg. ID</u> | <u>Name</u> | <u>Req. Des.</u> | <u>Max.Use</u> | <u>Loop Repeat</u> | <u>Notes and Comments</u> |
|-----------------|----------------|--------------------|-------------------------|----------------|--------------------|---------------------------|
| | | LOOP ID - CTT | | | 1 | |
| 0100 | CTT | Transaction Totals | O | 1 | | n1 |
| M | 0300 | SE | Transaction Set Trailer | M | 1 | |

Transaction Set Notes

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

Segment: **ST** Transaction Set Header

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*865*TRAN SET CONTROL #

Data Element Summary

| | <u>Ref.</u> | <u>Data</u> | | <u>Attributes</u> |
|---|-------------|----------------|---|-------------------|
| | <u>Des.</u> | <u>Element</u> | <u>Name</u> | |
| M | ST01 | 143 | Transaction Set Identifier Code Code uniquely identifying a Transaction Set 865 Purchase Order Change Acknowledgment/Request - Seller Initiated | 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: **BCA** Beginning Segment for Purchase Order Change
Acknowledgment
Position: 0200
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of the Purchase Order Change Acknowledgment Transaction Set and transmit identifying numbers and dates

Syntax Notes:
Semantic Notes:

- 1 BCA06 is the date assigned by the purchaser to purchase order.
- 2 BCA09 is the seller's order number.
- 3 BCA10 is the date assigned by the sender to the acknowledgment.
- 4 BCA11 is the date of the purchase order change request.
- 5 BCA12 is the order change acknowledgment date.

Comments:

Notes: BCA*11*AT*TXNUM (CTR-2)***PO Date (See Trading Partner Access Information)

Data Element Summary

| | <u>Ref. Des.</u> | <u>Data Element</u> | <u>Name</u> | <u>Attributes</u> |
|---|------------------|---------------------|---|-------------------|
| M | BCA01 | 353 | Transaction Set Purpose Code Code identifying purpose of transaction set 11 Response | M ID 2/2 |
| | BCA02 | 587 | Acknowledgment Type Code specifying the type of acknowledgment AT Accepted | O ID 2/2 |
| M | BCA03 | 324 | Purchase Order Number Identifying number for Purchase Order assigned by the orderer/purchaser TXNUM (CTR-2) = Transaction Number | M AN 1/22 |
| M | BCA06 | 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*PO*PON (CTR-6)

Data Element Summary

| | <u>Ref.</u> | <u>Data</u> | <u>Name</u> | <u>Attributes</u> |
|---|--------------|-------------|---|-------------------|
| M | REF01 | 128 | Reference Identification Qualifier Code qualifying the Reference Identification PO Purchase Order 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 PON (CTR-6) = Purchase Order Number | X AN 1/30 |

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} {CTR-3}*D/TSENT{HHMM} (CTR-3)

Data Element Summary

| | <u>Ref.</u> | <u>Data</u> | <u>Name</u> | <u>Attributes</u> |
|---|--------------|-------------|---|-------------------|
| M | DTM01 | 374 | Date/Time Qualifier Code specifying type of date or time, or both date and time 097 Transaction Creation | M ID 3/3 |
| | DTM02 | 373 | Date Date expressed as CCYYMMDD D/TSENT (CTR-3) = Date Sent | 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} (CTR-3) = 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 (CTR-5)*IQ*TXTYP (CTR-4)

Data Element Summary

| Ref. | Data | | | Attributes |
|-------------|----------------|-------------|--|------------|
| <u>Des.</u> | <u>Element</u> | <u>Name</u> | | |
| 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 | |
| | | IR | Transaction Activity | |
| M | SI03 | 234 | Product/Service ID | M AN 1/48 |
| | | | Identifying number for a product or service | |
| | | | TXACT (CTR-5) = Transaction Activity | |
| | SI04 | 1000 | Service Characteristics Qualifier | X AN 2/2 |
| | | | Code from an industry code list qualifying the type of service characteristics | |
| | | IQ | Inquiry Type | |
| | SI05 | 234 | Product/Service ID | X AN 1/48 |
| | | | Identifying number for a product or service | |
| | | | TXTYP (CTR-4) = Transaction Type | |

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 (CTR-1)

Data Element Summary

| <u>Ref.</u> | <u>Data</u> | <u>Name</u> | <u>Attributes</u> |
|-------------|---------------------|--|-------------------|
| M | <u>Des.</u> N101 | <u>Element</u> 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 (CTR-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*BY**25*CC (CTR-8)

Data Element Summary

| Ref. | Data | | | |
|-------------|----------------|-------------|---|-----------|
| <u>Des.</u> | <u>Element</u> | <u>Name</u> | <u>Attributes</u> | |
| 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 (CTR-8) = Company Code | |

Segment: **POC** Line Item Change - Bad Response

Position: 0100
Loop: POC Optional
Level: Detail
Usage: Optional
Max Use: 1

Purpose: To specify changes to a line item

Syntax Notes:

- 1 If POC03 is present, then both POC04 and POC05 are required.
- 2 If POC07 is present, then POC06 is required.
- 3 If either POC08 or POC09 is present, then the other is required.
- 4 If either POC10 or POC11 is present, then the other is required.
- 5 If either POC12 or POC13 is present, then the other is required.
- 6 If either POC14 or POC15 is present, then the other is required.
- 7 If either POC16 or POC17 is present, then the other is required.
- 8 If either POC18 or POC19 is present, then the other is required.
- 9 If either POC20 or POC21 is present, then the other is required.
- 10 If either POC22 or POC23 is present, then the other is required.
- 11 If either POC24 or POC25 is present, then the other is required.
- 12 If either POC26 or POC27 is present, then the other is required.

Semantic Notes: 1 POC01 is the purchase order line item identification.

Comments:

Notes: POC*n*RZ*****ZZ*BAD [POC Loop will be used if RESPONSE(CTR-7) = "B"]

Data Element Summary

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

Segment: **ACK** Line Item Acknowledgment

Position: 2700
Loop: ACK Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To acknowledge the ordered quantities and specify the ready date for a specific line item

- Syntax Notes:**
- 1 If either ACK02 or ACK03 is present, then the other is required.
 - 2 If ACK04 is present, then ACK05 is required.
 - 3 If either ACK07 or ACK08 is present, then the other is required.
 - 4 If either ACK09 or ACK10 is present, then the other is required.
 - 5 If either ACK11 or ACK12 is present, then the other is required.
 - 6 If either ACK13 or ACK14 is present, then the other is required.
 - 7 If either ACK15 or ACK16 is present, then the other is required.
 - 8 If either ACK17 or ACK18 is present, then the other is required.
 - 9 If either ACK19 or ACK20 is present, then the other is required.
 - 10 If either ACK21 or ACK22 is present, then the other is required.
 - 11 If either ACK23 or ACK24 is present, then the other is required.
 - 12 If either ACK25 or ACK26 is present, then the other is required.
 - 13 If either ACK27 or ACK28 is present, then the other is required.
 - 14 If ACK28 is present, then both ACK27 and ACK29 are required.

Semantic Notes:

- 1 ACK29 Industry Reason Code may be used to identify the item status. In addition, it may be used in conjunction with ACK01 to further clarify the status.

Comments:
Notes:

ACK*IR*****TI*CANCEL*RESPONSE(CTR-7)

Data Element Summary

| Ref. | Data | Name | Attributes |
|-------------|----------------|--|------------|
| <u>Des.</u> | <u>Element</u> | | |
| M | ACK01 | 668 Line Item Status Code | M ID 2/2 |
| | | Code specifying the action taken by the seller on a line item requested by the buyer | |
| | | IR Item Rejected | |
| | ACK27 | 559 Agency Qualifier Code | X ID 2/2 |
| | | Code identifying the agency assigning the code values | |
| | | TI Telecommunications Industry | |
| | ACK28 | 822 Source Subqualifier | X AN 1/15 |
| | | A reference that indicates the table or text maintained by the Source Qualifier | |
| | | "CANCEL" | |
| | ACK29 | 1271 Industry Code | X AN 1/30 |
| | | Code indicating a code from a specific industry code list | |
| | | RESPONSE (CTR-7) = Response | |

Segment: **QTY** Quantity
Position: 3020
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(CTR-11)*EA

Data Element Summary

| | <u>Ref.</u> | <u>Data</u> | <u>Name</u> | <u>Attributes</u> |
|---|-------------|----------------|--|-------------------|
| | <u>Des.</u> | <u>Element</u> | | |
| 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 | 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*1Q*ERRCODE (CTR-12)*ERR [N9 Loop repeats ERRNUM (CTR-11) times]

Data Element Summary

| Ref. | Data | Name | Attributes |
|-------------|----------------|--|------------|
| <u>Des.</u> | <u>Element</u> | | |
| 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(CTR-12) = 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(CTR-13)

Data Element Summary

| <u>Ref.</u> | <u>Data</u> | <u>Name</u> | <u>Attributes</u> |
|-------------|-------------|---|-------------------|
| MTX02 | 1551 | Message Text | X AN 1/4096 |
| | | To transmit large volumes of message text | |
| | | ERRMESG(CTR-13) = Error Message | |

Segment: **POC** Line Item Change - Good Response

Position: 0100
Loop: POC Optional
Level: Detail
Usage: Optional
Max Use: 1

Purpose: To specify changes to a line item

Syntax Notes:

- 1 If POC03 is present, then both POC04 and POC05 are required.
- 2 If POC07 is present, then POC06 is required.
- 3 If either POC08 or POC09 is present, then the other is required.
- 4 If either POC10 or POC11 is present, then the other is required.
- 5 If either POC12 or POC13 is present, then the other is required.
- 6 If either POC14 or POC15 is present, then the other is required.
- 7 If either POC16 or POC17 is present, then the other is required.
- 8 If either POC18 or POC19 is present, then the other is required.
- 9 If either POC20 or POC21 is present, then the other is required.
- 10 If either POC22 or POC23 is present, then the other is required.
- 11 If either POC24 or POC25 is present, then the other is required.
- 12 If either POC26 or POC27 is present, then the other is required.

Semantic Notes: 1 POC01 is the purchase order line item identification.

Comments:

Notes: POC*n*RZ*****ZZ*GOOD [POC Loop will be used if RESPONSE(CTR-7) = "G"]

Data Element Summary

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

Segment: **ACK** Line Item Acknowledgment

Position: 2700
Loop: ACK Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To acknowledge the ordered quantities and specify the ready date for a specific line item

- Syntax Notes:**
- 1 If either ACK02 or ACK03 is present, then the other is required.
 - 2 If ACK04 is present, then ACK05 is required.
 - 3 If either ACK07 or ACK08 is present, then the other is required.
 - 4 If either ACK09 or ACK10 is present, then the other is required.
 - 5 If either ACK11 or ACK12 is present, then the other is required.
 - 6 If either ACK13 or ACK14 is present, then the other is required.
 - 7 If either ACK15 or ACK16 is present, then the other is required.
 - 8 If either ACK17 or ACK18 is present, then the other is required.
 - 9 If either ACK19 or ACK20 is present, then the other is required.
 - 10 If either ACK21 or ACK22 is present, then the other is required.
 - 11 If either ACK23 or ACK24 is present, then the other is required.
 - 12 If either ACK25 or ACK26 is present, then the other is required.
 - 13 If either ACK27 or ACK28 is present, then the other is required.
 - 14 If ACK28 is present, then both ACK27 and ACK29 are required.

Semantic Notes:

- 1 ACK29 Industry Reason Code may be used to identify the item status. In addition, it may be used in conjunction with ACK01 to further clarify the status.

Comments:
Notes:

ACK*IA *****TI*CANCEL*RESPONSE (CTR-7)

Data Element Summary

| Ref. | Data | Name | Attributes |
|-------------|----------------|--|------------|
| <u>Des.</u> | <u>Element</u> | | |
| M | ACK01 | 668 Line Item Status Code | M ID 2/2 |
| | | Code specifying the action taken by the seller on a line item requested by the buyer | |
| | | IA Item Accepted | |
| | ACK27 | 559 Agency Qualifier Code | X ID 2/2 |
| | | Code identifying the agency assigning the code values | |
| | | TI Telecommunications Industry | |
| | ACK28 | 822 Source Subqualifier | X AN 1/15 |
| | | A reference that indicates the table or text maintained by the Source Qualifier | |
| | | "CANCEL" | |
| | ACK29 | 1271 Industry Code | X AN 1/30 |
| | | Code indicating a code from a specific industry code list | |
| | | RESPONSE (CTR-7) = Response | |

Segment: **POC** Line Item Change - Mixed Response

Position: 0100
Loop: POC Optional
Level: Detail
Usage: Optional
Max Use: 1

Purpose: To specify changes to a line item

Syntax Notes:

- 1 If POC03 is present, then both POC04 and POC05 are required.
- 2 If POC07 is present, then POC06 is required.
- 3 If either POC08 or POC09 is present, then the other is required.
- 4 If either POC10 or POC11 is present, then the other is required.
- 5 If either POC12 or POC13 is present, then the other is required.
- 6 If either POC14 or POC15 is present, then the other is required.
- 7 If either POC16 or POC17 is present, then the other is required.
- 8 If either POC18 or POC19 is present, then the other is required.
- 9 If either POC20 or POC21 is present, then the other is required.
- 10 If either POC22 or POC23 is present, then the other is required.
- 11 If either POC24 or POC25 is present, then the other is required.
- 12 If either POC26 or POC27 is present, then the other is required.

Semantic Notes: 1 POC01 is the purchase order line item identification.

Comments:

Notes: POC*n*RZ*****ZZ*MIXED [POC Loop will be used if RESPONSE(CTR-7) = "M"]

Data Element Summary

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

Segment: **ACK** Line Item Acknowledgment

Position: 2700
Loop: ACK Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To acknowledge the ordered quantities and specify the ready date for a specific line item

- Syntax Notes:**
- 1 If either ACK02 or ACK03 is present, then the other is required.
 - 2 If ACK04 is present, then ACK05 is required.
 - 3 If either ACK07 or ACK08 is present, then the other is required.
 - 4 If either ACK09 or ACK10 is present, then the other is required.
 - 5 If either ACK11 or ACK12 is present, then the other is required.
 - 6 If either ACK13 or ACK14 is present, then the other is required.
 - 7 If either ACK15 or ACK16 is present, then the other is required.
 - 8 If either ACK17 or ACK18 is present, then the other is required.
 - 9 If either ACK19 or ACK20 is present, then the other is required.
 - 10 If either ACK21 or ACK22 is present, then the other is required.
 - 11 If either ACK23 or ACK24 is present, then the other is required.
 - 12 If either ACK25 or ACK26 is present, then the other is required.
 - 13 If either ACK27 or ACK28 is present, then the other is required.
 - 14 If ACK28 is present, then both ACK27 and ACK29 are required.

Semantic Notes:

- 1 ACK29 Industry Reason Code may be used to identify the item status. In addition, it may be used in conjunction with ACK01 to further clarify the status.

Comments:
Notes:

ACK*IA*****TI*CANCEL*RESPONSE(CTR-7)

Data Element Summary

| Ref. | Data | Name | Attributes |
|-------------|----------------|--|------------|
| <u>Des.</u> | <u>Element</u> | | |
| M | ACK01 | 668 Line Item Status Code | M ID 2/2 |
| | | Code specifying the action taken by the seller on a line item requested by the buyer | |
| | | IA Item Accepted | |
| | ACK27 | 559 Agency Qualifier Code | X ID 2/2 |
| | | Code identifying the agency assigning the code values | |
| | | TI Telecommunications Industry | |
| | ACK28 | 822 Source Subqualifier | X AN 1/15 |
| | | A reference that indicates the table or text maintained by the Source Qualifier | |
| | | "CANCEL" | |
| | ACK29 | 1271 Industry Code | X AN 1/30 |
| | | Code indicating a code from a specific industry code list | |
| | | RESPONSE (CTR-7) = Response | |

Segment: **QTY** Quantity

Position: 3020

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*QO*QNCNUM (CTR-9)*EA

Data Element Summary

| | <u>Ref.</u> | <u>Data</u> | <u>Name</u> | <u>Attributes</u> |
|---|-------------|----------------|--|-------------------|
| | <u>Des.</u> | <u>Element</u> | | |
| M | QTY01 | 673 | Quantity Qualifier Code specifying the type of quantity QO Operating Quantity | M ID 2/2 |
| | QTY02 | 380 | Quantity Numeric value of quantity QNCNUM (CTR-9) = Quantity of Non-Canceled Telephone Numbers | 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: **QTY** Quantity

Position: 3020

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 (CTR-11)*EA

Data Element Summary

| | <u>Ref.</u> | <u>Data</u> | <u>Name</u> | <u>Attributes</u> |
|---|-------------|----------------|--|-------------------|
| | <u>Des.</u> | <u>Element</u> | | |
| 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 | 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*1Q*ERRCODE (CTR-12)*ERR [N9 Loop repeats ERRNUM (CTR-11) times]

Data Element Summary

| Ref. | Data Element | Name | Attributes |
|------|--------------|---|------------|
| M | N901 | 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 | Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier ERRCODE (CTR-12) = Error Code | X AN 1/30 |
| | N903 | 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**ERRMMSG (CTR-13)

Data Element Summary

| <u>Ref.</u> | <u>Data</u> | <u>Name</u> | <u>Attributes</u> |
|-------------|-------------|---|-------------------|
| MTX02 | 1551 | Message Text | X AN 1/4096 |
| | | To transmit large volumes of message text | |
| | | ERRMMSG (CTR-13) = Error Message | |

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*MIXED*n*A*1*EA

Data Element Summary

| Ref. | Des. | Data Element | Name | Attributes | |
|------|--------|--------------|--|------------|---------|
| | | | | M | AN 1/20 |
| M | SLN01 | 350 | Assigned Identification | M | AN 1/20 |
| | | | Alphanumeric characters assigned for differentiation within a transaction set | | |
| | | | "MIXED" | | |
| | SLN02 | 350 | Assigned Identification | O | AN 1/20 |
| | | | Alphanumeric characters assigned for differentiation within a transaction set | | |
| | | | "n" = nth assigned ID within SLN loop. | | |
| M | SLN03 | 662 | Relationship Code | M | ID 1/1 |
| | | | Code indicating the relationship between entities | | |
| | | | A Add | | |
| | SLN04 | 380 | Quantity | X | R 1/15 |
| | | | Numeric value of quantity | | |
| | | | 1 Always One | | |
| | SLN05 | C001 | Composite Unit of Measure | X | |
| | | | To identify a composite unit of measure (See Figures Appendix for examples of use) | | |
| M | C00101 | 355 | Unit or Basis for Measurement Code | M | ID 2/2 |

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

EA

Each

Segment: **SI** Service Characteristic Identification

Position: 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*TN*NCTN (CTR-10) [SI Segment repeats QNCNUM (CTR-9) times]

Data Element Summary

| | <u>Ref.</u> | <u>Data</u> | <u>Attributes</u> |
|---|-------------|--|-------------------|
| | <u>Des.</u> | <u>Element Name</u> | |
| 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 TN Telephone Number | M AN 2/2 |
| M | SI03 | 234 Product/Service ID Identifying number for a product or service NCTN (CTR-10) = Non-Canceled Telephone Number | 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 POC Segments

Data Element Summary

| | <u>Ref.</u> | <u>Data</u> | | <u>Attributes</u> |
|---|-------------|----------------|---|-------------------|
| | <u>Des.</u> | <u>Element</u> | <u>Name</u> | |
| M | CTT01 | 354 | Number of Line Items Total number of line items in the transaction set | M NO 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

| | <u>Ref.</u> | <u>Data</u> | <u>Name</u> | <u>Attributes</u> |
|---|-------------|----------------|---|-------------------|
| | <u>Des.</u> | <u>Element</u> | | |
| M | SE01 | 96 | Number of Included Segments | M NO 1/10 |
| | | | Total number of segments included in a transaction set including ST and SE segments | |
| M | SE02 | 329 | Transaction Set Control Number | M AN 4/9 |
| | | | Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set | |

Segment: **SI** Service Characteristic Identification

Position: 4700
Loop: SLN Optional

Level: Detail

Usage: Optional

Max Use: >1

Purpose: To specify service characteristic data

- Syntax Notes:**
- 1 If either SI04 or SI05 is present, then the other is required.
 - 2 If either SI06 or SI07 is present, then the other is required.
 - 3 If either SI08 or SI09 is present, then the other is required.
 - 4 If either SI10 or SI11 is present, then the other is required.
 - 5 If either SI12 or SI13 is present, then the other is required.
 - 6 If either SI14 or SI15 is present, then the other is required.
 - 7 If either SI16 or SI17 is present, then the other is required.
 - 8 If either SI18 or SI19 is present, then the other is required.
 - 9 If either SI20 or SI21 is present, then the other is required.

Semantic Notes:

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

Notes: SI*TI*RV*TNRES (CTQ-11) [SI Segment repeats SELNUM (CTQ-10) times]

Data Element Summary

| | <u>Ref.</u> <u>Des.</u> | <u>Data</u> <u>Element</u> | <u>Name</u> | <u>Attributes</u> |
|---|----------------------------|-------------------------------|--|-------------------|
| 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 RV Reserved Number | M AN 2/2 |
| M | SI03 | 234 | Product/Service ID Identifying number for a product or service TNRES (CTQ-11) = Telephone Number Response | 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 POC Segments

Data Element Summary

| | <u>Ref.</u> | <u>Data</u> | | <u>Attributes</u> |
|---|-------------|----------------|---|-------------------|
| | <u>Des.</u> | <u>Element</u> | <u>Name</u> | |
| M | CTT01 | 354 | Number of Line Items Total number of line items in the transaction set | M NO 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

| | <u>Ref.</u> | <u>Data</u> | <u>Name</u> | <u>Attributes</u> |
|---|-------------|----------------|--|-------------------|
| | <u>Des.</u> | <u>Element</u> | | |
| M | SE01 | 96 | Number of Included Segments Total number of segments included in a transaction set including ST and SE segments | M NO 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 |