

# Firm Order Confirmation (FOC)

## Table of Contents

<b>57. FIRM ORDER CONFIRMATION (FOC)</b>	<b>2</b>
57.1 BUSINESS DESCRIPTION	2
57.2 BUSINESS MODEL	3
57.3 DEVELOPER WORKSHEETS	4
57.4 MAPPING EXAMPLES	5
57.4.1 855 Firm Order Confirmation (855 FOC) – Version 4020	5
57.4.2 865 FIRM ORDER CONFIRMATION (865FOC) – Version 4020	8
57.5 DATA DICTIONARY	9
57.5.1 855 Firm Order Confirmation (855FOC)	9
57.5.2 865 Firm Order Confirmation (865FOC)	50

## **57. Firm Order Confirmation (FOC)**

### **57.1 Business Description**

A Firm Order Confirmation (FOC) is a notification to the CLEC that their order was entered into Qwest's Service Order Processor systems. A FOC will contain the Qwest service order number in the "ORD" field. If an LSR is broken up into multiple Qwest service orders, the "ORD" field will repeat on the FOC. Note that in this document the Firm Order Confirmation is referred to as the FOC; however, the actual OBF form is the LSC.

## **57.2 Business Model**

See Appendix H

## 57.3 Developer Worksheets

See Appendix D - Developer Worksheets – PostOrder

## 57.4 Mapping Examples

### 57.4.1 855 Firm Order Confirmation (855 FOC) – Version 4020

Legend of Symbols in this transaction example

Symbol/Definition	Example
{ } = Valid Format	{CCYYMMDD}
<b>Bold/Italics</b> = Developer's Worksheet Element	<b>PON</b>
Superscript = Developer's Worksheet Ref # DWS Used in this Mapping Example: FOC=Firm Order Confirmation	<sup>FOC-1</sup>
<i>Italics</i> = Literal	<i>GOOD</i>
<u>Underline</u> = Apply code conversion, used with <b>Bold/Italics</b> . Code conversion tables can be found in the data dictionary of this disclosure.	<u>ACT</u>
[ ] = Segment notes for this line	[SI Segment repeats ...]
( ) = Element notes for this line	(This element states ...)
n	Counter 1...n
* = Element separator in this example and related data dictionary.	= Actual element separator in an EDI transaction.
> = Sub-element separator in this example and related data dictionary.	non-printable characters of "0x1f" = Actual sub-element separator in an EDI transaction.

```

ST*855*TRAN SET CONTROL #
BAK*06*AC*PONFOC-2*PO Date (See Trading Partner Access Information)
REF*11*ANFOC-4*AN
REF*12*BAN1FOC-23*BAN1
REF*12*BAN2FOC-25*BAN2
REF*4N*B1FOC-22*B1
REF*4N*B2FOC-24*B2
REF*2I*LSR NOFOC-6*LSR NO
REF*IX*ORD NUMFOC-54a*ORDNUM
REF*IX*HNUMFOC-37*HNUM
REF*SU*RTFOC-16*RT
PER*AG*INITFOC-9
PER*OC*REPFOC-12*TEFOC-15*TEL NO
PER*EG*NSP DSGCONFOC-32*TEFOC-33*TEL NO
DTM*150*DDD{CCYYMMDD}FOC-6c***TM/RTM*APPTIME{HHMM[-HHMM]}FOC-18a
DTM*097*D/TSENT{CCYYMMDD}FOC-11*D/TSENT{HHMM}FOC-11
SI*TI*ZF*FOC INDFOC-6b
PID*S**TI*AA***SO-RSQ*CFLAGFOC-6a
PID*S**TI*AH***SO-RSQ*CHCFOC-18
N9*H7*ORI* FOC
MTX**REMARKSFOC-107
N9*H7*ORI* DISCLAIMER
MTX**DISCLAIMERFOC-107a
N1*78*CCNAFOC-1
N1*DG*DSGCONFOC-31
N1*BY**25*CCFOC-87

```

## DID SECTION

PO1\*n\*1\*EA\*\*\*ZZ\* *DID* [PO1 loop may repeat]  
REF\*IX\* *DIDNUM*<sup>FOC-41</sup>\**DIDNUM*

## ORDER INFORMATION SECTION

PO1\*n\*1\*EA\*\*\*ZZ\* *OR* [PO1 loop repeats *ORD NUM*<sup>FOC-54a</sup> times]  
SI\*TI\*ZD\* *ORD IND*<sup>FOC-54d</sup>  
REF\*OW\* *ORD*<sup>FOC-54c</sup>\* *ORD*  
REF\*1Q\* *FAC JEP*<sup>FOC-54h</sup>\* *FAC JEP*  
REF\*IX\* *LN NUM*<sup>FOC-54j</sup>\* *LN NUM*  
REF\*IX\* *OREF NUM*<sup>FOC-54b</sup>\* *OREF NUM*  
DTM\*214\* *DD*{CCYYMMDD}<sup>FOC-54e</sup>  
DTM\*256\*\*\*\*TM\* *FDT*{HHMM}<sup>FOC-54f</sup>  
DTM\*992\*\*\*\*TM\* *DFDT*{HHMM}<sup>FOC-54g</sup>  
N9\*1Q\* *JEPDESC*  
MTX\*\* *JEP DESC*<sup>FOC-54i</sup>

SLN\* *LINENUM*\*n\*A\*1\*EA [SLN loop repeats *LN NUM*<sup>FOC-54j</sup> times]  
SI\*TI\*TN\* *TNS*<sup>FOC-56</sup>  
SI\*TI\*SN\* *ISPID*<sup>FOC-60</sup>  
SI\*TI\*CN\* *ECCKT*<sup>FOC-60a</sup>  
SI\*TI\*LO\* *LST*<sup>FOC-60b</sup>  
SI\*TI\*PW\* *PORTTYP*<sup>FOC-60c</sup>  
SI\*TI\*CM\* *CKR*<sup>FOC-59</sup>  
SI\*TI\*IT\* *PORTED NBR*<sup>FOC-64</sup>  
SI\*TI\*C2\* *CFTN*<sup>FOC-64a</sup>  
SI\*TI\*RI\* *RTI*<sup>FOC-65</sup>  
SI\*TI\*ND\* *DISC NBR*<sup>FOC-66</sup>  
SI\*TI\*T5\* *TERS*<sup>FOC-57</sup>  
SI\*TI\*SG\* *HID*<sup>FOC-66b</sup>  
SI\*TI\*TQ\* *TLI*<sup>FOC-66a</sup>  
SI\*TI\*TZ\* *DTL*<sup>FOC-66c</sup>  
SI\*TI\*TH\* *DTGN*<sup>FOC-66e</sup>  
SI\*TI\*RA\* *DRTI*<sup>FOC-66f</sup>  
SI\*TI\*DD\* *DGOUT*<sup>FOC-66h</sup>  
SI\*TI\*T9\* *DTNR*<sup>FOC-66i</sup>  
SI\*TI\*TK\* *DTKID*<sup>FOC-66g</sup> [SI Segment may repeat]  
PID\*X\*\*TI\* *CFA*\* *CFA*<sup>FOC-61</sup> [SI Segment may repeat]  
PID\*X\*\*TI\* *SCFA*\* *SEC CFA*<sup>FOC-61a</sup>  
PAM\*TO\* *NVC*<sup>FOC-79a</sup>\*N2  
QTY\*FJ\* *DTK*<sup>FOC-66d</sup>\*EA  
N1\*18\* *LINEINFO*  
REF\*IX\* *LNUM*<sup>FOC-54k</sup>\* *LNUM*  
REF\*AE\* *SAN*<sup>FOC-66j</sup>\* *SAN*  
REF\*11\* *AN*<sup>FOC-54l</sup>\* *AN*  
N1\*1A\* *CIRCUIT* [N1 loop repeats *NVC*<sup>FOC-79a</sup> times]  
REF\*IX\* *LNEX*<sup>FOC-80</sup>\* *LNEX*  
REF\*CO\* *RPON*<sup>FOC-81c</sup>\* *RPON*  
REF\*1V\* *RORD*<sup>FOC-83a</sup>\* *RORD*  
SI\*TI\*DE\* *DLCI*<sup>FOC-81</sup>  
SI\*TI\*DL\* *CIR*<sup>FOC-81a</sup>  
SI\*TI\*BE\* *Be*<sup>FOC-81b</sup>

SI\*TI\*ES\***RECCKT**<sup>FOC-82</sup>  
SI\*TI\*SE\***RDLCI**<sup>FOC-84</sup>

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

## 57.4.2 865 FIRM ORDER CONFIRMATION (865FOC) – Version 4020

The 865FOC is identical to the 855FOC with the following exceptions:

ST\*865\*TRAN SET CONTROL #

BCA\*06\*AC\***PON**<sup>FOC-2</sup>\*\***VER**<sup>FOC-3</sup>\*PO Date (See Trading Partner Access Information)

POC\*n\*RZ\*\*\*\*\*ZZ\*?? Where?? = "OR" or "DID" [POC Loop may repeat]

CTT\*Number of POC Segments

SE\*Number of Segments\*TRAN SET CONTROL #

## 57.5 Data Dictionary

### 57.5.1 855 Firm Order Confirmation (855FOC)

Functional Group ID=**PR**

#### Introduction:

The Firm Order Confirmation (FOC) acknowledges that the 850 Service Order Request has been accepted by Qwest and successfully entered into the Qwest Service Order Processor.

This implementation guideline references the following:

1. 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	BAK	Beginning Segment for Purchase Order Acknowledgment	M	1		
	0500	REF	Reference Identification	O	>1		
	0600	PER	Administrative Communications Contact	O	3		
	1500	DTM	Date/Time Reference	O	10		
	1850	SI	Service Characteristic Identification	O	>1		
	1900	PID	Product/Item Description	O	200		
LOOP ID - N9						1000	
	2800	N9	Reference Identification	O	1		
	2900	MTX	Text	O	>1		
LOOP ID - N9						1000	
	2800	N9	Reference Identification	O	1		
	2900	MTX	Text	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:

	<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 - PO1						100000	
	0100	PO1	Baseline Item Data - DID SECTION	O	1		n1
	1000	REF	Reference Identification	O	>1		

		LOOP ID - PO1		10000
0100	PO1	Baseline Item Data - ORDER INFORMATION	O	1 n2
0180	SI	Service Characteristic Identification	O	>1
1000	REF	Reference Identification	O	>1
2000	DTM	Date/Time Reference	O	10
		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
5000	SI	Service Characteristic Identification	O	>1
5100	PID	Product/Item Description	O	1000
5230	PAM	Period Amount	O	10
		LOOP ID - QTY		>1
5590	QTY	Quantity	O	1
		LOOP ID - N1		10
5760	N1	Name	O	1
6100	REF	Reference Identification	O	12
		LOOP ID - N1		10
5760	N1	Name	O	1
6100	REF	Reference Identification	O	12
6250	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	n3	
M	0300	SE	Transaction Set Trailer	M	1	

**Transaction Set Notes**

1. PO102 is required.
2. PO102 is required.
3. 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

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

**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\*06\*AC\*PON(FOC-2)\*PO Date (See Trading Partner Access Information)

#### Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>		
M	<b>BAK01</b>	<b>353</b>	<b>Transaction Set Purpose Code</b> Code identifying purpose of transaction set 06 Confirmation	M	ID 2/2
M	<b>BAK02</b>	<b>587</b>	<b>Acknowledgment Type</b> Code specifying the type of acknowledgment AC Acknowledge - With Detail and Change	M	ID 2/2
M	<b>BAK03</b>	<b>324</b>	<b>Purchase Order Number</b> Identifying number for Purchase Order assigned by the orderer/purchaser PON(FOC-2) = Purchase Order Number	M	AN 1/22
M	<b>BAK04</b>	<b>373</b>	<b>Date</b> 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(FOC-4)*AN
REF*12*BAN1(FOC-23)*BAN1
REF*12*BAN2(FOC-25)*BAN2
REF*4N*B11(FOC-22)*B11
REF*4N*B12(FOC-24)*B12
REF*2I*LSR NO(FOC-6)*LSR NO
REF*IX*ORD NUM(FOC-54a)*ORDNUM
REF*IX*HNUM(FOC-37)*HNUM
REF*SU*RT(FOC-16)*RT
```

#### Data Element Summary

	<u>Ref.</u> <u>Des.</u> <u>Attributes</u>	<u>Data</u> <u>Element</u>	<u>Name</u>		
M	REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification 11 Account Number Number identifies a telecommunications industry account 12 Billing Account Account number under which billing is rendered 2I Tracking Number 4N Special Payment Reference Number IX Item Number SU Special Processing Code Unique code identifying the special handling requirements for the claim	M	ID 2/3
	REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier AN(FOC-4) = Account Number BAN1(FOC-23) = Billing Account Number 1 BAN2(FOC-25) = Billing Account Number 2 B11(FOC-22) = Billing Account Number Identifier 1 B12(FOC-24) = Billing Account Number Identifier 2 LSR NO(FOC-6) = Local Service Request Number ORD NUM(FOC-54a) = Order Number HNUM(FOC-37) = Hunt Number RT(FOC-16) = Response Type	X	AN 1/30
	REF03	352	<b>Description</b>	X	AN 1/80

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

"AN"

"BAN1"

"BAN2"

"BI1"

"BI2"

"LSR NO"

"ORDNUM"

"HNUM"

"RT"

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

**Position:** 0600

**Loop:**

**Level:** Heading

**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\*AG\*INIT(FOC-9)  
PER\*OC\*REP(FOC-12)\*TE\*TEL NO(FOC-15)  
PER\*EG\*NSP DSGCON(FOC-32)\*TE\*TEL NO(FOC-33)

#### Data Element Summary

Ref. Des.	Data Element	Name	
M	<u>Attributes</u> PER01	366 <b>Contact Function Code</b>	M ID 2/2
		Code identifying the major duty or responsibility of the person or group named	
		AG Agent	
		EG Engineering	
		OC Order Contact	
	PER02	93 <b>Name</b>	O AN 1/60
		Free-form name	
		INIT(FOC-9) = Initiator Identification	
		REP(FOC-12) = Provider Contact Representative	
		NSP DSGCON(FOC-32) = Network Service Provider - Design Engineer Contact	
	PER03	365 <b>Communication Number Qualifier</b>	X ID 2/2
		Code identifying the type of communication number	
		TE Telephone	
	PER04	364 <b>Communication Number</b>	X AN 1/256
		Complete communications number including country or area code when applicable	
		TEL NO(FOC-15) = Telephone Number of the REP	
		TEL NO(FOC-33) = Telephone Number of the NSP DSGCON	

**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\*150\*DDD{CCYYMMDD}{FOC-6c}\*\*\*TM/RTM\*APPTIME{HHMM[-HHMM]}(FOC-18a)  
DTM\*097\*D/TSENT{CCYYMMDD}{FOC-11}\*D/TSENT{HHMM} (FOC-11)

#### Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>		
M	<u>DTM01</u>	<u>Attributes</u>	374	<b>Date/Time Qualifier</b>	M	ID 3/3
				Code specifying type of date or time, or both date and time		
				097 Transaction Creation		
				150 Service Period Start		
	<u>DTM02</u>		373	<b>Date</b>	X	DT 8/8
				Date expressed as CCYYMMDD		
				D/TSENT(FOC-11) = Date Sent		
				DDD(FOC-6c) = Desired Due Date		
	<u>DTM03</u>		337	<b>Time</b>	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(FOC-11) = Time Sent {HHMM}		
	<u>DTM05</u>		1250	<b>Date Time Period Format Qualifier</b>	X	ID 2/3
				Code indicating the date format, time format, or date and time format		
				RTM Range of Time Expressed in Format HHMM-HHMM		
				A range of times expressed in the form HHMM-HHMM where HH is the numerical expression of hours in the day based on a twenty-four hour clock and MM is the numerical expression of minutes within an hour; the first occurrence of HHMM is the starting time and the second is the ending time		
				TM Time Expressed in Format HHMM		
				Time expressed in the format HHMM where HH is the numerical expression of hours in the day based on a twenty-four hour clock and MM is the numerical expression of minutes within an hour		
	<u>DTM06</u>		1251	<b>Date Time Period</b>	X	AN 1/35
				Expression of a date, a time, or range of dates, times or dates and times		

APPTIME(FOC-18a) = Appointment Time {HHMM[-HHMM]}

**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\*ZF\*FOC IND(FOC-6b)

#### Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>		
<b>M</b>	<b>SI01</b>	<b>559</b>	<b>Agency Qualifier Code</b>	<b>M</b>	<b>ID 2/2</b>
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
<b>M</b>	<b>SI02</b>	<b>1000</b>	<b>Service Characteristics Qualifier</b>	<b>M</b>	<b>AN 2/2</b>
			Code from an industry code list qualifying the type of service characteristics		
			ZF Firm Order Confirmation Indicator		
<b>M</b>	<b>SI03</b>	<b>234</b>	<b>Product/Service ID</b>	<b>M</b>	<b>AN 1/48</b>
			Identifying number for a product or service		
			FOC IND(FOC-6b) = Firm Order Confirmation Indicator		

**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\*AA\*\*\*SO-RSQ\*CFLAG(FOC-6a)  
 PID\*S\*\*TI\*AH\*\*\*SO-RSQ\*CHC(FOC-18)

**Data Element Summary**

Ref.	Data Element	Name		
<b>M</b>	<b>PID01</b>	<b>349</b>	<b>Item Description Type</b>	<b>M ID 1/1</b>
			Code indicating the format of a description	
			S Structured (From Industry Code List)	
	<b>PID03</b>	<b>559</b>	<b>Agency Qualifier Code</b>	<b>X ID 2/2</b>
			Code identifying the agency assigning the code values	
			TI Telecommunications Industry	
	<b>PID04</b>	<b>751</b>	<b>Product Description Code</b>	<b>X AN 1/12</b>
			A code from an industry code list which provides specific data about a product characteristic	
			AA Change to End User Information	
			AH Coordinated Hot Cut	
	<b>PID07</b>	<b>822</b>	<b>Source Subqualifier</b>	<b>O AN 1/15</b>
			A reference that indicates the table or text maintained by the Source Qualifier	
			SO-RSQ Service Order - Reseller Questions List	
	<b>PID08</b>	<b>1073</b>	<b>Yes/No Condition or Response Code</b>	<b>O ID 1/1</b>
			Code indicating a Yes or No condition or response	

CFLAG(FOC-6a) = Change Flag  
CHC(FOC-18) = Coordinated Hot Cut  
Refer to 004020 Data Element Dictionary for acceptable code values.

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

**Position:** 2800

**Loop:** N9 Optional

**Level:** Heading

**Usage:** Optional

**Max Use:** 1

**Purpose:** To transmit identifying information as specified by the Reference Identification Qualifier

- Syntax Notes:**
- 1 At least one of N902 or N903 is required.
  - 2 If N906 is present, then N905 is required.
  - 3 If either C04003 or C04004 is present, then the other is required.
  - 4 If either C04005 or C04006 is present, then the other is required.

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

**Comments:**

**Notes:** N9\*H7\*ORI\*FOC

#### Data Element Summary

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

**Segment:** **MTX** Text  
**Position:** 2900  
**Loop:** N9 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify textual data  
**Syntax Notes:**

- 1 If MTX01 is present, then MTX02 is required.
- 2 If MTX03 is present, then MTX02 is required.
- 3 If MTX05 is present, then MTX04 is required.

**Semantic Notes:**

- 1 MTX05 is the number of lines to advance before printing.

**Comments:**

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

**Notes:** MTX\*\*REMARKS(FOC-107)

**Data Element Summary**

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>		
<u>Attributes</u> MTX02	1551	Message Text To transmit large volumes of message text REMARKS(FOC-107) = Remarks	X	AN 1/4096

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

**Position:** 2800

**Loop:** N9 Optional

**Level:** Heading

**Usage:** Optional

**Max Use:** 1

**Purpose:** To transmit identifying information as specified by the Reference Identification Qualifier

- Syntax Notes:**
- 1 At least one of N902 or N903 is required.
  - 2 If N906 is present, then N905 is required.
  - 3 If either C04003 or C04004 is present, then the other is required.
  - 4 If either C04005 or C04006 is present, then the other is required.

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

**Comments:**

**Notes:** N9\*H7\*ORI\*DISCLAIMER

**Data Element Summary**

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

**Segment:** **MTX** Text  
**Position:** 2900  
**Loop:** N9 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify textual data  
**Syntax Notes:**

- 1 If MTX01 is present, then MTX02 is required.
- 2 If MTX03 is present, then MTX02 is required.
- 3 If MTX05 is present, then MTX04 is required.

**Semantic Notes:**

- 1 MTX05 is the number of lines to advance before printing.

**Comments:**

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

**Notes:** MTX\*\*DISCLAIMER (FOC-107a)

**Data Element Summary**

<u>Ref.</u> <u>Des.</u> <u>Attributes</u>	<u>Data</u> <u>Element</u>	<u>Name</u>		
MTX02	1551	Message Text	X	AN 1/4096
		To transmit large volumes of message text		
		DISCLAIMER (FOC-107a) = Disclaimer		

**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(FOC-1)

**Data Element Summary**

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

**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\*DG\*DSGCON(FOC-31)

#### Data Element Summary

Ref.	Data	Element	Name	
<u>Des.</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	
			DG Design Engineering	
			Identifies the design engineer or office of the design engineer who will receive design specifications	
	N102	93	Name	X AN 1/60
			Free-form name	
			DSGCON(FOC-31) = Design/Engineering Contact	

**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(FOC-87)

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>		
M	N101	98	<b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual BY Buying Party (Purchaser)	M	ID 2/3
	N103	66	<b>Identification Code Qualifier</b> Code designating the system/method of code structure used for Identification Code (67) 25 Carrier's Customer Code	X	ID 1/2
	N104	67	<b>Identification Code</b> Code identifying a party or other code CC(FOC-87) = Company Code	X	AN 2/80

**Segment:** **PO1** **Baseline Item Data - DID 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\*DID [PO1 loop may repeat]

**Data Element Summary**

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

**Segment:** **REF** Reference Identification  
**Position:** 1000  
**Loop:** PO1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify identifying information  
**Syntax Notes:**

- 1 At least one of REF02 or REF03 is required.
- 2 If either C04003 or C04004 is present, then the other is required.
- 3 If either C04005 or C04006 is present, then the other is required.

**Semantic Notes:**

- 1 REF04 contains data relating to the value cited in REF02.

**Comments:**  
**Notes:** REF\*IX\*DIDNUM(FOC-41)\*DIDNUM

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>		
M	REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification IX                   Item Number	M	ID 2/3
	REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier DIDNUM(FOC-41) = DID Reference Number	X	AN 1/30
	REF03	352	<b>Description</b> A free-form description to clarify the related data elements and their content "DIDNUM"	X	AN 1/80

**Segment:** **PO1** **Baseline Item Data - ORDER INFORMATION**

**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\*OR [PO1 loop repeats ORD NUM (FOC-54a) times]

**Data Element Summary**

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

**Segment:** **SI** Service Characteristic Identification

**Position:** 0180

**Loop:** PO1 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\*ZD\*ORD IND(FOC-54d)

#### Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>		
<b>M</b>	<b>SI01</b>	<b>559</b>	<b>Agency Qualifier Code</b> Code identifying the agency assigning the code values TI Telecommunications Industry	<b>M</b>	<b>ID 2/2</b>
<b>M</b>	<b>SI02</b>	<b>1000</b>	<b>Service Characteristics Qualifier</b> Code from an industry code list qualifying the type of service characteristics ZD Order Indicator	<b>M</b>	<b>AN 2/2</b>
<b>M</b>	<b>SI03</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service ORD IND(FOC-54d) = Order Indicator	<b>M</b>	<b>AN 1/48</b>

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

**Position:** 1000  
**Loop:** PO1 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*OW*ORD(FOC-54c)*ORD
REF*1Q*FAC JEP(FOC-54h)*FAC JEP
REF*IX*LN NUM(FOC-54j)*LN NUM
REF*IX*OREF NUM(FOC-54b)*OREF NUM
```

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>		
M	REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification 1Q Error Identification Code IX Item Number OW Service Order Number Number assigned when a customer orders service and equipment and which appears on bill	M	ID 2/3
	REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier ORD(FOC-54c) = Order FAC JEP(FOC-54h) = Facility Jeopardy LN NUM(FOC-54j) = Line Number OREF NUM(FOC-54b) = Order Reference Number	X	AN 1/30
	REF03	352	<b>Description</b> A free-form description to clarify the related data elements and their content "ORD" "FAC JEP" "LN NUM" "OREF NUM"	X	AN 1/80

**Segment:** **DTM** Date/Time Reference  
**Position:** 2000  
**Loop:** PO1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 10  
**Purpose:** To specify pertinent dates and times  
**Syntax Notes:**

- 1 At least one of DTM02 DTM03 or DTM05 is required.
- 2 If DTM04 is present, then DTM03 is required.
- 3 If either DTM05 or DTM06 is present, then the other is required.

**Semantic Notes:**

**Comments:**

**Notes:**

DTM\*214\*DD{CCYYMMDD}(FOC-54e)  
DTM\*256\*\*\*\*TM\*FDT{HHMM}(FOC-54f)  
DTM\*992\*\*\*\*TM\*DFDT{HHMM}(FOC-54g)

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>		
	<u>Des.</u>					
	<u>Attributes</u>					
M	DTM01	374	<b>Date/Time Qualifier</b>		M	ID 3/3
				Code specifying type of date or time, or both date and time		
				214 Date of Repair/Service		
				256 Scheduled Start		
				The scheduled start for a task or activity based on resource needs		
				992 Date Requested		
	DTM02	373	<b>Date</b>		X	DT 8/8
				Date expressed as CCYYMMDD		
				DD(FOC-54e) = Due Date		
	DTM05	1250	<b>Date Time Period Format Qualifier</b>		X	ID 2/3
				Code indicating the date format, time format, or date and time format		
				TM Time Expressed in Format HHMM		
				Time expressed in the format HHMM where HH is the numerical expression of hours in the day based on a twenty-four hour clock and MM is the numerical expression of minutes within an hour		
	DTM06	1251	<b>Date Time Period</b>		X	AN 1/35
				Expression of a date, a time, or range of dates, times or dates and times		
				FDT(FOC-54f) = Frame Due Time {HHMM}		
				DFDT(FOC 54g) = Desired Frame Due Time {HHMM}		

**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\*JEPDESC

#### Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>		
M	N901	128	<b>Reference Identification Qualifier</b> 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	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier "JEPDESC"	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\*\*JEP DESC(FOC-54i)

**Data Element Summary**

<u>Ref.</u> <u>Des.</u> <u>Attributes</u>	<u>Data</u> <u>Element</u>	<u>Name</u>		
MTX02	1551	Message Text	X	AN 1/4096
		To transmit large volumes of message text		
		JEP DESC(FOC-54i) = Jeopardy Description		

**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\*LINENUM\*n\*A\*1\*EA [SLN loop repeats LN NUM (FOC-54j) times]

#### Data Element Summary

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

		1	Always One		
	<b>SLN05</b>	<b>C001</b>	<b>Composite Unit of Measure</b>		<b>X</b>
			To identify a composite unit of measure (See Figures Appendix for examples of use)		
<b>M</b>	<b>C00101</b>	<b>355</b>	<b>Unit or Basis for Measurement Code</b>		<b>M ID 2/2</b>
			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\*TNS(FOC-56)
- SI\*TI\*SN\*ISPID(FOC-60)
- SI\*TI\*CN\*ECCKT(FOC-60a)
- SI\*TI\*LO\*LST(FOC-60b)
- SI\*TI\*PW\*PORTTYP(FOC-60c)
- SI\*TI\*CM\*CKR(FOC-59)
- SI\*TI\*IT\*PORTED NBR(FOC-64)
- SI\*TI\*C2\*CFTN(FOC-64a)
- SI\*TI\*RI\*RTI(FOC-65)
- SI\*TI\*ND\*DISC NBR(FOC-66)
- SI\*TI\*T5\*TERS(FOC-57)
- SI\*TI\*SG\*HID(FOC-66b)
- SI\*TI\*TQ\*TLI(FOC-66a)
- SI\*TI\*TZ\*DTLI(FOC-66c)
- SI\*TI\*TH\*DTGN(FOC-66e)
- SI\*TI\*RA\*DRTI(FOC-66f)
- SI\*TI\*DD\*DGOUT(FOC-66h)
- SI\*TI\*T9\*DTNR(FOC-66i) [SI Segment may repeat]
- SI\*TI\*TK\*DTKID(FOC-66g) [SI Segment may repeat]

**Data Element Summary**

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
<b>M</b>	<b>SI01</b>	<b>559</b>	<b>Agency Qualifier Code</b>	<b>M ID 2/2</b>
			Code identifying the agency assigning the code values	
			TI Telecommunications Industry	
<b>M</b>	<b>SI02</b>	<b>1000</b>	<b>Service Characteristics Qualifier</b>	<b>M AN 2/2</b>
			Code from an industry code list qualifying the type of service characteristics	
			C2 Call Forward Telephone Number	
			CM Local Service Provider's Circuit Number	
			CN Circuit Number Identification	
			DD Digits Outpulsed	

IT	Ported Telephone Number
LO	Local Exchange Carrier Serving Office
ND	Disconnect Number
PW	Port Type
RA	Routing Arrangement
RI	Route Index
SG	Service Group
SN	ISDN Service Profile Identifier (ISPID)
T5	Terminal Number
T9	Telephone Number Range
TH	Trunk Group Number
TK	Trunk Number
TN	Telephone Number
TQ	Telephone Line Identifier
TZ	Telephone Line Identifier Type

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

Identifying number for a product or service

TNS(FOC-56) = Telephone Numbers  
ISPID(FOC-60) = ISDN Service Profile Identifier  
ECCKT(FOC-60a) = Exchange Company Circuit ID  
LST(FOC-60b) = Local Service Termination  
PORTTYP(FOC-60c) = Port Type  
CKR(FOC-59) = Customer Circuit Reference  
PORTED NBR(FOC-64) = Ported Telephone Number  
CFTN(FOC-64a) = Call Forward To Number  
RTI(FOC-65) = Route Index  
DISC NBR(FOC-66) = Disconnect Number  
TERS(FOC-57) = Terminal Numbers  
HID(FOC-66b) = Hunt Group Identifier  
TLI(FOC-66a) = Telephone Line Identifier  
DTLI(FOC-66c) = DID Telephone Line Identifier  
DTGN(FOC-66e) = DID Trunk Group Number  
DRTI(FOC-66f) = DID Route Index Number  
DGOUT(FOC-66h) = DID Digits Out  
DTNR(FOC-66i) = DID TN Range  
DTKID(FOC-66g) = DID Trunk ID

**Segment: PID Product/Item Description**

**Position:** 5100  
**Loop:** SLN Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1000

**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\*CFA\*CFA(FOC-61)  
 PID\*X\*\*TI\*SCFA\*SEC CFA(FOC-61a)

**Data Element Summary**

Ref.	Data	Name		
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
M	<b>PID01</b>	<b>349 Item Description Type</b>	M	ID 1/1
		Code indicating the format of a description		
		X Semi-structured (Code and Text)		
	<b>PID03</b>	<b>559 Agency Qualifier Code</b>	X	ID 2/2
		Code identifying the agency assigning the code values		
		TI Telecommunications Industry		
	<b>PID04</b>	<b>751 Product Description Code</b>	X	AN 1/12
		A code from an industry code list which provides specific data about a product characteristic		
		CFA Connection Facility Assignment		
		SCFA Secondary Connection Facility Assignment		
	<b>PID05</b>	<b>352 Description</b>	X	AN 1/80
		A free-form description to clarify the related data elements and their content		
		CFA(FOC-61) = Connection Facility Assignment		
		SEC CFA(FOC-61a) = Secondary Connecting Facility Assignment		

**Segment:** **PAM** Period Amount

**Position:** 5230

**Loop:** SLN Optional

**Level:** Detail

**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\*TO\*NVC(FOC-79a)\*N2

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>		
	<b>Attributes</b>				
	<b>PAM01</b>	<b>673</b>	<b>Quantity Qualifier</b>		<b>X ID 2/2</b>
			Code specifying the type of quantity		
			TO Total		
	<b>PAM02</b>	<b>380</b>	<b>Quantity</b>		<b>X R 1/15</b>
			Numeric value of quantity		
			NVC(FOC-79a) = Number of Virtual Connections		
	<b>PAM03</b>	<b>C001</b>	<b>Composite Unit of Measure</b>		<b>X</b>
			To identify a composite unit of measure (See Figures Appendix for examples of use)		
<b>M</b>	<b>C00101</b>	<b>355</b>	<b>Unit or Basis for Measurement Code</b>		<b>M ID 2/2</b>
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			N2 Number of Lines		

**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\*FJ\*DTK(FOC-66d)\*EA

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>		
	<u>Des.</u>	<u>Element</u>			
	<u>Attributes</u>				
M	QTY01	673	<b>Quantity Qualifier</b> Code specifying the type of quantity FJ Trunked Channels	M	ID 2/2
	QTY02	380	<b>Quantity</b> Numeric value of quantity DTK(FOC-66d) = DID Trunk Quantity	X	R 1/15
	QTY03	C001	<b>Composite Unit of Measure</b> To identify a composite unit of measure (See Figures Appendix for examples of use)	O	
M	C00101	355	<b>Unit or Basis for Measurement Code</b> 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:** **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\*18\*LINEINFO

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>		
<b>M</b>	<b>N101</b>	<b>98</b>	<b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual 18 Production	<b>M</b>	<b>ID 2/3</b>
	<b>N102</b>	<b>93</b>	<b>Name</b> Free-form name "LINEINFO"	<b>X</b>	<b>AN 1/60</b>

**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\*IX\*LNUM(FOC-54k)\*LNUM  
REF\*AE\*SAN(FOC-66j)\*SAN  
REF\*11\*AN(FOC-54I)\*AN

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>		
M	<u>Attributes</u> REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification 11 Account Number Number identifies a telecommunications industry account AE Authorization for Expense (AFE) Number IX Item Number	M	ID 2/3
	REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier AN(FOC-54I) = Account Number SAN(FOC-66j) = Subscriber Authorization Number LNUM(FOC-54k) = Line Number	X	AN 1/30
	REF03	352	<b>Description</b> A free-form description to clarify the related data elements and their content "LNUM" "SAN" "AN"	X	AN 1/80

**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\*1A\*CIRCUIT [N1 loop repeats NVC (FOC-79a) times]

**Data Element Summary**

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
M	N101	98	<b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual	M ID 2/3
		1A	Subgroup	
	N102	93	<b>Name</b> Free-form name "CIRCUIT"	X AN 1/60

**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*IX*LNEX(FOC-80)*LNEX
REF*CO*RPON(FOC-81c)*RPON
REF*1V*RORD(FOC-83a)*RORD
```

#### Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>		
M	<b>REF01</b>	<b>128</b>	<b>Reference Identification Qualifier</b>	<b>M</b>	<b>ID 2/3</b>
			Code qualifying the Reference Identification		
			1V Related Vendor Order Number		
			A vendor's order number that is in addition to a primary order number		
			CO Customer Order Number		
			IX Item Number		
	<b>REF02</b>	<b>127</b>	<b>Reference Identification</b>	<b>X</b>	<b>AN 1/30</b>
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
			LNEX (FOC-80) = Line Number Extension Number		
			RPON (FOC-81c) = Related Purchase Order Number		
			RORD (FOC-83a) = Related Order Number		
	<b>REF03</b>	<b>352</b>	<b>Description</b>	<b>X</b>	<b>AN 1/80</b>
			A free-form description to clarify the related data elements and their content		
			"LNEX"		
			"RPON"		
			"RORD"		

**Segment:** **SI** Service Characteristic Identification

**Position:** 6250

**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\*DE\*DLCI(FOC-81)  
SI\*TI\*DL\*CIR(FOC-81a)  
SI\*TI\*BE\*Be(FOC-81b)  
SI\*TI\*ES\*RECKT(FOC-82)  
SI\*TI\*SE\*RDLCI(FOC-84)

**Data Element Summary**

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
<b>M</b>	<b>SI01</b>	<b>559 Agency Qualifier Code</b>	<b>M</b>	<b>ID 2/2</b>
		Code identifying the agency assigning the code values		
		TI Telecommunications Industry		
<b>M</b>	<b>SI02</b>	<b>1000 Service Characteristics Qualifier</b>	<b>M</b>	<b>AN 2/2</b>
		Code from an industry code list qualifying the type of service characteristics		
		BE Excess Burst Size		
		DE Primary/Originating Exchange Carrier Circuit Data Link C		
		DL Delivered Line Speed		
		ES Secondary/Terminating ECCKT ID		
		SE Secondary/Terminating Exchange Carrier Circuit Data Link		
<b>M</b>	<b>SI03</b>	<b>234 Product/Service ID</b>	<b>M</b>	<b>AN 1/48</b>
		Identifying number for a product or service		
		DLCI(FOC-81) = Data Link Connection Identifier		
		CIR(FOC-81a) = Committed Information Rate		
		Be(FOC-81b) = Excess Burst Size		
		RECKT(FOC-82) = Related Exchange Company Circuit ID		
		RDLCI(FOC-84) = Related Data Link Connection Identifier		

**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

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

## 57.5.2 865 Firm Order Confirmation (865FOC)

Functional Group ID= **CA**

### Introduction:

The 865FOC (Firm Order Confirmation) acknowledges that the 860 Service Order Supplemental Request has been accepted by Qwest and successfully entered into the Qwest Service Order Processor.

This implementation guideline references the following:

1. 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	
	0600	PER	Administrative Communications Contact	O	3	
	1500	DTM	Date/Time Reference	O	10	
	1850	SI	Service Characteristic Identification	O	>1	
	1900	PID	Product/Item Description	O	200	
LOOP ID - N9					1000	
	2800	N9	Reference Identification	O	1	
	2900	MTX	Text	O	>1	
LOOP ID - N9					1000	
	2800	N9	Reference Identification	O	1	
	2900	MTX	Text	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:

<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 - DID SECTION	O	1	
	1000	REF	Reference Identification	O	>1	
LOOP ID - POC					>1	

0100	POC	Line Item Change - ORDER INFORMATION	O	1
0180	SI	Service Characteristic Identification	O	>1
1000	REF	Reference Identification	O	>1
2000	DTM	Date/Time Reference	O	10
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
5000	SI	Service Characteristic Identification	O	>1
5100	PID	Product/Item Description	O	1000
5230	PAM	Period Amount	O	10
LOOP ID - QTY				>1
5610	QTY	Quantity	O	1
LOOP ID - N1				10
5690	N1	Name	O	1
6100	REF	Reference Identification	O	12
LOOP ID - N1				10
5690	N1	Name	O	1
6100	REF	Reference Identification	O	12
6250	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. Des.</u>	<u>Data Element</u>	<u>Name</u>	
<b>M</b>	<b>ST01</b>	<b>143</b>	<b>Transaction Set Identifier Code</b> Code uniquely identifying a Transaction Set 865 Purchase Order Change Acknowledgment/Request - Seller Initiated	<b>M ID 3/3</b>
<b>M</b>	<b>ST02</b>	<b>329</b>	<b>Transaction Set Control Number</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	<b>M AN 4/9</b>

**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\*06\*AC\*PON(FOC-2)\*\*VER(FOC-3)\*PO Date (See Trading Partner Access Information)

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>		
M	<b>BCA01</b>	<b>353</b>	<b>Transaction Set Purpose Code</b> Code identifying purpose of transaction set 06 Confirmation	M	ID 2/2
	<b>BCA02</b>	<b>587</b>	<b>Acknowledgment Type</b> Code specifying the type of acknowledgment AC Acknowledge - With Detail and Change	O	ID 2/2
M	<b>BCA03</b>	<b>324</b>	<b>Purchase Order Number</b> Identifying number for Purchase Order assigned by the orderer/purchaser PON (FOC-2) = Purchase Order Number	M	AN 1/22
	<b>BCA05</b>	<b>327</b>	<b>Change Order Sequence Number</b> Number assigned by the orderer identifying a specific change or revision to a previously transmitted transaction set VER (LSR-3) = Version Identification	O	AN 1/8
M	<b>BCA06</b>	<b>373</b>	<b>Date</b> 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(FOC-4)*AN
REF*12*BAN1(FOC-23)*BAN1
REF*12*BAN2(FOC-25)*BAN2
REF*4N*B11(FOC-22)*B11
REF*4N*B12(FOC-24)*B12
REF*2I*LSR NO(FOC-6)*LSR NO
REF*IX*ORD NUM(FOC-54a)*ORDNUM
REF*IX*HNUM(FOC-37)*HNUM
REF*SU*RT(FOC-16)*RT
```

#### Data Element Summary

Ref. Des.	Data Element	Name	
M Attributes REF01	128	Reference Identification Qualifier	M ID 2/3
		Code qualifying the Reference Identification	
		11 Account Number	
		Number identifies a telecommunications industry account	
		12 Billing Account	
		Account number under which billing is rendered	
		2I Tracking Number	
		4N Special Payment Reference Number	
		IX Item Number	
		SU Special Processing Code	
		Unique code identifying the special handling requirements for the claim	
REF02	127	Reference Identification	X AN 1/30
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
		AN(FOC-4) = Account Number	
		BAN1(FOC-23) = Billing Account Number 1	
		BAN2(FOC-25) = Billing Account Number 2	
		B11(FOC-22) = Billing Account Number Identifier 1	
		B12(FOC-24) = Billing Account Number Identifier 2	
		LSR NO(FOC-6) = Local Service Request Number	
		ORD NUM(FOC-54a) = Order Number	
		HNUM(FOC-37) = Hunt Number	
		RT(FOC-16) = Response Type	
REF03	352	Description	X AN 1/80

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

"AN"

"BAN1"

"BAN2"

"BI1"

"BI2"

"LSR NO"

"ORDNUM"

"HNUM"

"RT"

Segment: **PER** Administrative Communications Contact

Position: 0600

Loop:

Level: Heading

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\*AG\*INIT(FOC-9)  
 PER\*OC\*REP(FOC-12)\*TE\*TEL NO(FOC-15)  
 PER\*EG\*NSP DSGCON(FOC-32)\*TE\*TEL NO(FOC-33)

#### Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	
<b>M</b>	<b>PER01</b>	<b>366</b>	<b>Contact Function Code</b> <b>M ID 2/2</b>
			Code identifying the major duty or responsibility of the person or group named
		AG	Agent
		EG	Engineering
		OC	Order Contact
	<b>PER02</b>	<b>93</b>	<b>Name</b> <b>O AN 1/60</b>
			Free-form name
			INIT(FOC-9) = Initiator Identification
			REP(FOC-12) = Provider Contact Representative
			NSP DSGCON(FOC-32) = Network Service Provider - Design Engineer Contact
	<b>PER03</b>	<b>365</b>	<b>Communication Number Qualifier</b> <b>X ID 2/2</b>
			Code identifying the type of communication number
		TE	Telephone
	<b>PER04</b>	<b>364</b>	<b>Communication Number</b> <b>X AN 1/256</b>
			Complete communications number including country or area code when applicable
			TEL NO(FOC-15) = Telephone Number of the REP
			TEL NO(FOC-33) = Telephone Number of the NSP DSGCON

**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\*150\*DDD{CCYYMMDD}{FOC-6c}\*\*\*TM/RTM\*APPTIME{HHMM[-HHMM]}{FOC-18a}  
DTM\*097\*D/TSENT{CCYYMMDD}{FOC-11}\*D/TSENT{HHMM} (FOC-11)

#### Data Element Summary

	<u>Ref.</u>	<u>Data</u>			
	<u>Des.</u>	<u>Element</u>	<u>Name</u>		
M	<u>DTM01</u>	374	<b>Date/Time Qualifier</b>	M	ID 3/3
			Code specifying type of date or time, or both date and time		
			097 Transaction Creation		
			150 Service Period Start		
	<u>DTM02</u>	373	<b>Date</b>	X	DT 8/8
			Date expressed as CCYYMMDD		
			D/TSENT(FOC-11) = Date Sent		
			DDD(FOC-6c) = Desired Due Date		
	<u>DTM03</u>	337	<b>Time</b>	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(FOC-11) = Time Sent {HHMM}		
	<u>DTM05</u>	1250	<b>Date Time Period Format Qualifier</b>	X	ID 2/3
			Code indicating the date format, time format, or date and time format		
			RTM Range of Time Expressed in Format HHMM-HHMM		
			A range of times expressed in the form HHMM-HHMM where HH is the numerical expression of hours in the day based on a twenty-four hour clock and MM is the numerical expression of minutes within an hour; the first occurrence of HHMM is the starting time and the second is the ending time		
			TM Time Expressed in Format HHMM		
			Time expressed in the format HHMM where HH is the numerical expression of hours in the day based on a twenty-four hour clock and MM is the numerical expression of minutes within an hour		
	<u>DTM06</u>	1251	<b>Date Time Period</b>	X	AN 1/35
			Expression of a date, a time, or range of dates, times or dates and times		

APPTIME(FOC-18a) = Appointment Time {HHMM[-HHMM]}

**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\*ZF\*FOC IND(FOC-6b)

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>		
<b>M</b>	<b>SI01</b>	<b>559</b>	<b>Agency Qualifier Code</b>	<b>M</b>	<b>ID 2/2</b>
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
<b>M</b>	<b>SI02</b>	<b>1000</b>	<b>Service Characteristics Qualifier</b>	<b>M</b>	<b>AN 2/2</b>
			Code from an industry code list qualifying the type of service characteristics		
			ZF Firm Order Confirmation Indicator		
<b>M</b>	<b>SI03</b>	<b>234</b>	<b>Product/Service ID</b>	<b>M</b>	<b>AN 1/48</b>
			Identifying number for a product or service		
			FOC IND(FOC-6b) = Firm Order Confirmation Indicator		

**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\*AA\*\*\*SO-RSQ\*CFLAG(FOC-6a)

PID\*S\*\*TI\*AH\*\*\*SO-RSQ\*CHC(FOC-18)

#### Data Element Summary

	Ref.	Data		
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
M	<u>Attributes</u> PID01	349	<b>Item Description Type</b> Code indicating the format of a description S Structured (From Industry Code List)	M ID 1/1
	PID03	559	<b>Agency Qualifier Code</b> Code identifying the agency assigning the code values TI Telecommunications Industry	X ID 2/2
	PID04	751	<b>Product Description Code</b> A code from an industry code list which provides specific data about a product characteristic AA Change to End User Information AH Coordinated Hot Cut	X AN 1/12
	PID07	822	<b>Source Subqualifier</b> A reference that indicates the table or text maintained by the Source Qualifier SO-RSQ Service Order - Reseller Questions List	O AN 1/15
	PID08	1073	<b>Yes/No Condition or Response Code</b> Code indicating a Yes or No condition or response	O ID 1/1

CFLAG(FOC-6a) = Change Flag  
CHC(FOC-18) = Coordinated Hot Cut  
Refer to 004020 Data Element Dictionary for acceptable code values.

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

**Position:** 2800

**Loop:** N9 Optional

**Level:** Heading

**Usage:** Optional

**Max Use:** 1

**Purpose:** To transmit identifying information as specified by the Reference Identification Qualifier

- Syntax Notes:**
- 1 At least one of N902 or N903 is required.
  - 2 If N906 is present, then N905 is required.
  - 3 If either C04003 or C04004 is present, then the other is required.
  - 4 If either C04005 or C04006 is present, then the other is required.

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

**Comments:**

**Notes:** N9\*H7\*ORI\*FOC

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>		
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 ORI Order Instructions	X	AN 1/30
	N903	369	Free-form Description Free-form descriptive text "FOC"	X	AN 1/45

**Segment:** **MTX** Text

**Position:** 2900

**Loop:** N9 Optional

**Level:** Heading

**Usage:** Optional

**Max Use:** >1

**Purpose:** To specify textual data

**Syntax Notes:** 1 If MTX01 is present, then MTX02 is required.

2 If MTX03 is present, then MTX02 is required.

3 If MTX05 is present, then MTX04 is required.

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

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

**Notes:** MTX\*\*REMARKS(FOC-107)

#### Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>		
<u>Des.</u>	<u>Element</u>			
<b>Attributes</b>				
<b>MTX02</b>	<b>1551</b>	<b>Message Text</b>	<b>X</b>	<b>AN 1/4096</b>
		To transmit large volumes of message text		
		REMARKS(FOC-107) = Remarks		

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

**Position:** 2800

**Loop:** N9 Optional

**Level:** Heading

**Usage:** Optional

**Max Use:** 1

**Purpose:** To transmit identifying information as specified by the Reference Identification Qualifier

- Syntax Notes:**
- 1 At least one of N902 or N903 is required.
  - 2 If N906 is present, then N905 is required.
  - 3 If either C04003 or C04004 is present, then the other is required.
  - 4 If either C04005 or C04006 is present, then the other is required.

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

**Comments:**

**Notes:** N9\*H7\*ORI\*DISCLAIMER

#### Data Element Summary

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

**Segment:** **MTX** Text  
**Position:** 2900  
**Loop:** N9 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify textual data  
**Syntax Notes:**

- 1 If MTX01 is present, then MTX02 is required.
- 2 If MTX03 is present, then MTX02 is required.
- 3 If MTX05 is present, then MTX04 is required.

**Semantic Notes:**

- 1 MTX05 is the number of lines to advance before printing.

**Comments:**

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

**Notes:** MTX\*\*DISCLAIMER (FOC-107a)

#### Data Element Summary

<u>Ref.</u> <u>Des.</u> <u>Attributes</u>	<u>Data</u> <u>Element</u>	<u>Name</u>		
MTX02	1551	Message Text	X	AN 1/4096
		To transmit large volumes of message text		
		DISCLAIMER (FOC-107a) = Disclaimer		

**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(FOC-1)

**Data Element Summary**

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

**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\*DG\*DSGCON(FOC-31)

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	
M	N101	98	<b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual DG Design Engineering Identifies the design engineer or office of the design engineer who will receive design specifications	M ID 2/3
	N102	93	<b>Name</b> Free-form name DSGCON(FOC-31) = Design/Engineering Contact	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(FOC-87)

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>		
M	N101	98	<b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual BY Buying Party (Purchaser)	M	ID 2/3
	N103	66	<b>Identification Code Qualifier</b> Code designating the system/method of code structure used for Identification Code (67) 25 Carrier's Customer Code	X	ID 1/2
	N104	67	<b>Identification Code</b> Code identifying a party or other code CC(FOC-87) = Company Code	X	AN 2/80

**Segment:** **POC** Line Item Change - DID SECTION

**Position:** 0100

**Loop:** POC Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** 1

**Purpose:** To specify changes to a line item

**Syntax Notes:** 1 If POC03 is present, then both POC04 and POC05 are required.

2 If POC07 is present, then POC06 is required.

3 If either POC08 or POC09 is present, then the other is required.

4 If either POC10 or POC11 is present, then the other is required.

5 If either POC12 or POC13 is present, then the other is required.

6 If either POC14 or POC15 is present, then the other is required.

7 If either POC16 or POC17 is present, then the other is required.

8 If either POC18 or POC19 is present, then the other is required.

9 If either POC20 or POC21 is present, then the other is required.

10 If either POC22 or POC23 is present, then the other is required.

11 If either POC24 or POC25 is present, then the other is required.

12 If either POC26 or POC27 is present, then the other is required.

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

**Comments:**

**Notes:** POC\*n\*RZ\*\*\*\*\*ZZ\*DID [POC loop may repeat]

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>		
	<u>Des.</u>				
	<u>Attributes</u>				
	POC01	350	<b>Assigned Identification</b>	O	AN 1/20
			Alphanumeric characters assigned for differentiation within a transaction set		
			"n" = nth assigned ID within POC loop		
M	POC02	670	<b>Change or Response Type Code</b>	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	<b>Product/Service ID Qualifier</b>	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			ZZ Mutually Defined		
	POC09	234	<b>Product/Service ID</b>	X	AN 1/48
			Identifying number for a product or service		
			"DID"		

**Segment:** REF Reference Identification

**Position:** 1000

**Loop:** POC Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** >1

**Purpose:** To specify identifying information

- Syntax Notes:**
- 1 At least one of REF02 or REF03 is required.
  - 2 If either C04003 or C04004 is present, then the other is required.
  - 3 If either C04005 or C04006 is present, then the other is required.
- Semantic Notes:**
- 1 REF04 contains data relating to the value cited in REF02.

**Comments:**

**Notes:** REF\*IX\*DIDNUM(FOC-41)\*DIDNUM

#### Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>		
M	REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification IX Item Number	M	ID 2/3
	REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier DIDNUM(FOC-41) = DID Reference Number	X	AN 1/30
	REF03	352	<b>Description</b> A free-form description to clarify the related data elements and their content "DIDNUM"	X	AN 1/80

**Segment:** **POC** Line Item Change - ORDER INFORMATION

**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\*OR [POC loop repeats ORD NUM (FOC-54a) times]

**Data Element Summary**

Ref.	Data	Name	
<u>Des.</u>	<u>Element</u>	<u>Name</u>	
<b>Attributes</b>			
<b>POC01</b>	<b>350</b>	<b>Assigned Identification</b>	<b>O AN 1/20</b>
		Alphanumeric characters assigned for differentiation within a transaction set	
		"n" = nth assigned ID within POC loop	
<b>M</b>	<b>POC02</b>	<b>Change or Response Type Code</b>	<b>M ID 2/2</b>
		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	
	<b>POC08</b>	<b>Product/Service ID Qualifier</b>	<b>X ID 2/2</b>
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		ZZ Mutually Defined	
	<b>POC09</b>	<b>Product/Service ID</b>	<b>X AN 1/48</b>
		Identifying number for a product or service	
		"OR"	

**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\*ZD\*ORD IND(FOC-54d)

#### Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>		
M	SI01	559	<b>Agency Qualifier Code</b> Code identifying the agency assigning the code values TI Telecommunications Industry	M	ID 2/2
M	SI02	1000	<b>Service Characteristics Qualifier</b> Code from an industry code list qualifying the type of service characteristics ZD Order Indicator	M	AN 2/2
M	SI03	234	<b>Product/Service ID</b> Identifying number for a product or service ORD IND(FOC-54d) = Order Indicator	M	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*OW*ORD(FOC-54c)*ORD
REF*1Q*FAC JEP(FOC-54h)*FAC JEP
REF*IX*LN NUM(FOC-54j)*LN NUM
REF*IX*OREF NUM(FOC-54b)*OREF NUM
```

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>		
M	REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification 1Q Error Identification Code Qualifies a single number that describes an error found in application-level data IX Item Number OW Service Order Number Number assigned when a customer orders service and equipment and which appears on bill	M	ID 2/3
	REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier ORD(FOC-54c) = Order FAC JEP(FOC-54h) = Facility Jeopardy LN NUM(FOC-54j) = Line Number OREF NUM(FOC-54b) = Order Reference Number	X	AN 1/30
	REF03	352	<b>Description</b> A free-form description to clarify the related data elements and their content "ORD" "FAC JEP" "LN NUM" "OREF NUM"	X	AN 1/80

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

**Position:** 2000

**Loop:** POC Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** 10

**Purpose:** To specify pertinent dates and times

- Syntax Notes:**
- 1 At least one of DTM02 DTM03 or DTM05 is required.
  - 2 If DTM04 is present, then DTM03 is required.
  - 3 If either DTM05 or DTM06 is present, then the other is required.

**Semantic Notes:**

**Comments:**

**Notes:**

DTM\*214\*DD{CCYYMMDD}(FOC-54e)  
 DTM\*256\*\*\*\*TM\*FDT{HHMM}(FOC-54f)  
 DTM\*992\*\*\*\*TM\*DFDT{HHMM}(FOC-54g)

**Data Element Summary**

Ref.	Data Element	Name		
M	<u>DTM01</u>	<b>374 Date/Time Qualifier</b>	M	ID 3/3
		Code specifying type of date or time, or both date and time		
		214 Date of Repair/Service		
		256 Scheduled Start		
		The scheduled start for a task or activity based on resource needs		
		992 Date Requested		
	<b>DTM02</b>	<b>373 Date</b>	X	DT 8/8
		Date expressed as CCYYMMDD		
		DD(FOC-54e) = Due Date		
	<b>DTM05</b>	<b>1250 Date Time Period Format Qualifier</b>	X	ID 2/3
		Code indicating the date format, time format, or date and time format		
		TM Time Expressed in Format HHMM		
		Time expressed in the format HHMM where HH is the numerical expression of hours in the day based on a twenty-four hour clock and MM is the numerical expression of minutes within an hour		
	<b>DTM06</b>	<b>1251 Date Time Period</b>	X	AN 1/35
		Expression of a date, a time, or range of dates, times or dates and times		
		FDT(FOC-54f) = Frame Due Time {HHMM}		
		DFDT(FOC 54g) = Desired Frame Due Time {HHMM}		

**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\*JEPDESC

#### Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>		
M	N901	128	<b>Reference Identification Qualifier</b> 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	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier "JEPDESC"	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\*\*JEP DESC(FOC-54i)

#### Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>		
<b>Attributes</b> MTX02	1551	<b>Message Text</b>	X	AN 1/4096
		To transmit large volumes of message text		
		JEP DESC(FOC-54i) = Jeopardy Description		

**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\*LINENUM\*n\*A\*1\*EA [SLN loop repeats LN NUM(FOC-54j) times]

**Data Element Summary**

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

		1	Always One	
	<b>SLN05</b>	<b>C001</b>	<b>Composite Unit of Measure</b>	<b>X</b>
			To identify a composite unit of measure (See Figures Appendix for examples of use)	
<b>M</b>	<b>C00101</b>	<b>355</b>	<b>Unit or Basis for Measurement Code</b>	<b>M ID 2/2</b>
			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*TNS(FOC-56)
SI*TI*SN*ISPID(FOC-60)
SI*TI*CN*ECCKT(FOC-60a)
SI*TI*LO*LST(FOC-60b)
SI*TI*PW*PORTTYP(FOC-60c)
SI*TI*CM*CKR(FOC-59)
SI*TI*IT*PORTED NBR(FOC-64)
SI*TI*C2*CFTN(FOC-64a)
SI*TI*RI*RTI(FOC-65)
SI*TI*ND*DISC NBR(FOC-66)
SI*TI*T5*TERS(FOC-57)
SI*TI*SG*HID(FOC-66b)
SI*TI*TQ*TLI(FOC-66a)
SI*TI*TZ*DTLI(FOC-66c)
SI*TI*TH*DTGN(FOC-66e)
SI*TI*RA*DRTI(FOC-66f)
SI*TI*DD*DGOUT(FOC-66h)
SI*TI*T9*DTNR(FOC-66i)
SI*TI*TK*DTKID(FOC-66g)

```

[SI Segment may repeat]  
[SI Segment may repeat]

#### Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>		
<b>M</b>	<b>SI01</b>	<b>559</b>	<b>Agency Qualifier Code</b>	<b>M</b>	<b>ID 2/2</b>
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
<b>M</b>	<b>SI02</b>	<b>1000</b>	<b>Service Characteristics Qualifier</b>	<b>M</b>	<b>AN 2/2</b>
			Code from an industry code list qualifying the type of service characteristics		
			C2 Call Forward Telephone Number		
			CM Local Service Provider's Circuit Number		
			CN Circuit Number Identification		
			DD Digits Outpulsed		



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

**Position:** 5100

**Loop:** SLN Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** 1000

**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\*CFA\*CFA(FOC-61)  
 PID\*X\*\*TI\*SCFA\*SEC CFA(FOC-61a)

**Data Element Summary**

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
M	<b>PID01</b>	<b>349</b>	<b>Item Description Type</b>	<b>M ID 1/1</b>
			Code indicating the format of a description X Semi-structured (Code and Text)	
	<b>PID03</b>	<b>559</b>	<b>Agency Qualifier Code</b>	<b>X ID 2/2</b>
			Code identifying the agency assigning the code values TI Telecommunications Industry	
	<b>PID04</b>	<b>751</b>	<b>Product Description Code</b>	<b>X AN 1/12</b>
			A code from an industry code list which provides specific data about a product characteristic CFA Connection Facility Assignment SCFA Secondary Connection Facility Assignment	
	<b>PID05</b>	<b>352</b>	<b>Description</b>	<b>X AN 1/80</b>
			A free-form description to clarify the related data elements and their content CFA(FOC-61) = Connection Facility Assignment SEC CFA(FOC-61a) = Secondary Connecting Facility Assignment	

**Segment:** **PAM** Period Amount

**Position:** 5230

**Loop:** SLN Optional

**Level:** Detail

**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\*TO\*NVC(FOC-79a)\*N2

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>		
	<b>Attributes</b>				
	<b>PAM01</b>	<b>673</b>	<b>Quantity Qualifier</b>	<b>X</b>	<b>ID 2/2</b>
			Code specifying the type of quantity		
			TO Total		
	<b>PAM02</b>	<b>380</b>	<b>Quantity</b>	<b>X</b>	<b>R 1/15</b>
			Numeric value of quantity		
			NVC(FOC-79a) = Number of Virtual Connections		
	<b>PAM03</b>	<b>C001</b>	<b>Composite Unit of Measure</b>	<b>X</b>	
			To identify a composite unit of measure (See Figures Appendix for examples of use)		
<b>M</b>	<b>C00101</b>	<b>355</b>	<b>Unit or Basis for Measurement Code</b>	<b>M</b>	<b>ID 2/2</b>
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			N2 Number of Lines		

**Segment:** **QTY** Quantity  
**Position:** 5610  
**Loop:** QTY Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify quantity information  
**Syntax Notes:** 1 At least one of QTY02 or QTY04 is required.  
2 Only one of QTY02 or QTY04 may be present.  
**Semantic Notes:** 1 QTY04 is used when the quantity is non-numeric.  
**Comments:**  
**Notes:** QTY\*FJ\*DTK(FOC-66d)\*EA

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>		
	<u>Des.</u>	<u>Element</u>			
<b>M</b>	<b>QTY01</b>	<b>673</b>	<b>Quantity Qualifier</b> Code specifying the type of quantity FJ Trunked Channels	<b>M</b>	<b>ID 2/2</b>
	<b>QTY02</b>	<b>380</b>	<b>Quantity</b> Numeric value of quantity DTK(FOC-66d) = DID Trunk Quantity	<b>X</b>	<b>R 1/15</b>
	<b>QTY03</b>	<b>C001</b>	<b>Composite Unit of Measure</b> To identify a composite unit of measure (See Figures Appendix for examples of use)	<b>O</b>	
<b>M</b>	<b>C00101</b>	<b>355</b>	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken EA Each	<b>M</b>	<b>ID 2/2</b>

**Segment:** **N1** Name  
**Position:** 5690  
**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\*18\*LINEINFO

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>		
<b>M</b>	<b>N101</b>	<b>98</b>	<b>Entity Identifier Code</b>	<b>M</b>	<b>ID 2/3</b>
			Code identifying an organizational entity, a physical location, property or an individual		
		18	Production		
	<b>N102</b>	<b>93</b>	<b>Name</b>	<b>X</b>	<b>AN 1/60</b>
			Free-form name		
			"LINEINFO"		

**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*IX*LNUM(FOC-54k)*LNUM
REF*AE*SAN(FOC-66j)*SAN
REF*11*AN(FOC-54l)*AN
```

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>		
M	REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification 11 Account Number Number identifies a telecommunications industry account AE Authorization for Expense (AFE) Number IX Item Number	M	ID 2/3
	REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier AN(FOC-54l) = Account Number SAN(FOC-66j) = Subscriber Authorization Number LNUM(FOC-54k) = Line Number	X	AN 1/30
	REF03	352	<b>Description</b> A free-form description to clarify the related data elements and their content "LNUM" "SAN" "AN"	X	AN 1/80

**Segment:** **N1** Name  
**Position:** 5690  
**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\*1A\*CIRCUIT [N1 loop repeats NVC(FOC-79a) times]

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>		
M	N101	98	Entity Identifier Code	M	ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual		
			1A Subgroup		
	N102	93	Name	X	AN 1/60
			Free-form name		
			"CIRCUIT"		

**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*IX*LNEX(FOC-80)*LNEX
REF*CO*RPON(FOC-81c)*RPON
REF*1V*RORD(FOC-83a)*RORD
```

#### Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>		
M	<u>Attributes</u> REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification 1V Related Vendor Order Number A vendor's order number that is in addition to a primary order number CO Customer Order Number IX Item Number	M	ID 2/3
	REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier LNEX (FOC-80) = Line Number Extension Number RPON (FOC-81c) = Related Purchase Order Number RORD (FOC-83a) = Related Order Number	X	AN 1/30
	REF03	352	<b>Description</b> A free-form description to clarify the related data elements and their content "LNEX" "RPON" "RORD"	X	AN 1/80

**Segment:** **SI** Service Characteristic Identification

**Position:** 6250

**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\*DE\*DLCI(FOC-81)
- SI\*TI\*DL\*CIR(FOC-81a)
- SI\*TI\*BE\*Be(FOC-81b)
- SI\*TI\*ES\*RECKT(FOC-82)
- SI\*TI\*SE\*RDLCI(FOC-84)

#### Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>		
	<u>Des.</u>					
	<b>Attributes</b>					
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			
			BE Excess Burst Size			
			DE Primary/Originating Exchange Carrier Circuit Data Link C			
			DL Delivered Line Speed			
			ES Secondary/Terminating ECCKT ID			
			SE Secondary/Terminating Exchange Carrier Circuit Data Link			
M	SI03	234	Product/Service ID		M	AN 1/48
			Identifying number for a product or service			
			DLCI(FOC-81) = Data Link Connection Identifier			
			CIR(FOC-81a) = Committed Information Rate			
			Be(FOC-81b) = Excess Burst Size			
			RECKT(FOC-82) = Related Exchange Company Circuit ID			
			RDLCI(FOC-84) = Related Data Link Connection Identifier			

**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>Des.</u> <u>Attributes</u>	<u>Data</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>Des.</u> <u>Attributes</u>	<u>Data</u> <u>Element</u>	<u>Name</u>		
M	SE01	96	<b>Number of Included Segments</b>	M	NO 1/10
			Total number of segments included in a transaction set including ST and SE segments		
M	SE02	329	<b>Transaction Set Control Number</b>	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		