Facility Availability Query
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5. Facility Availability Query (FAQ)

5.1 Business Description

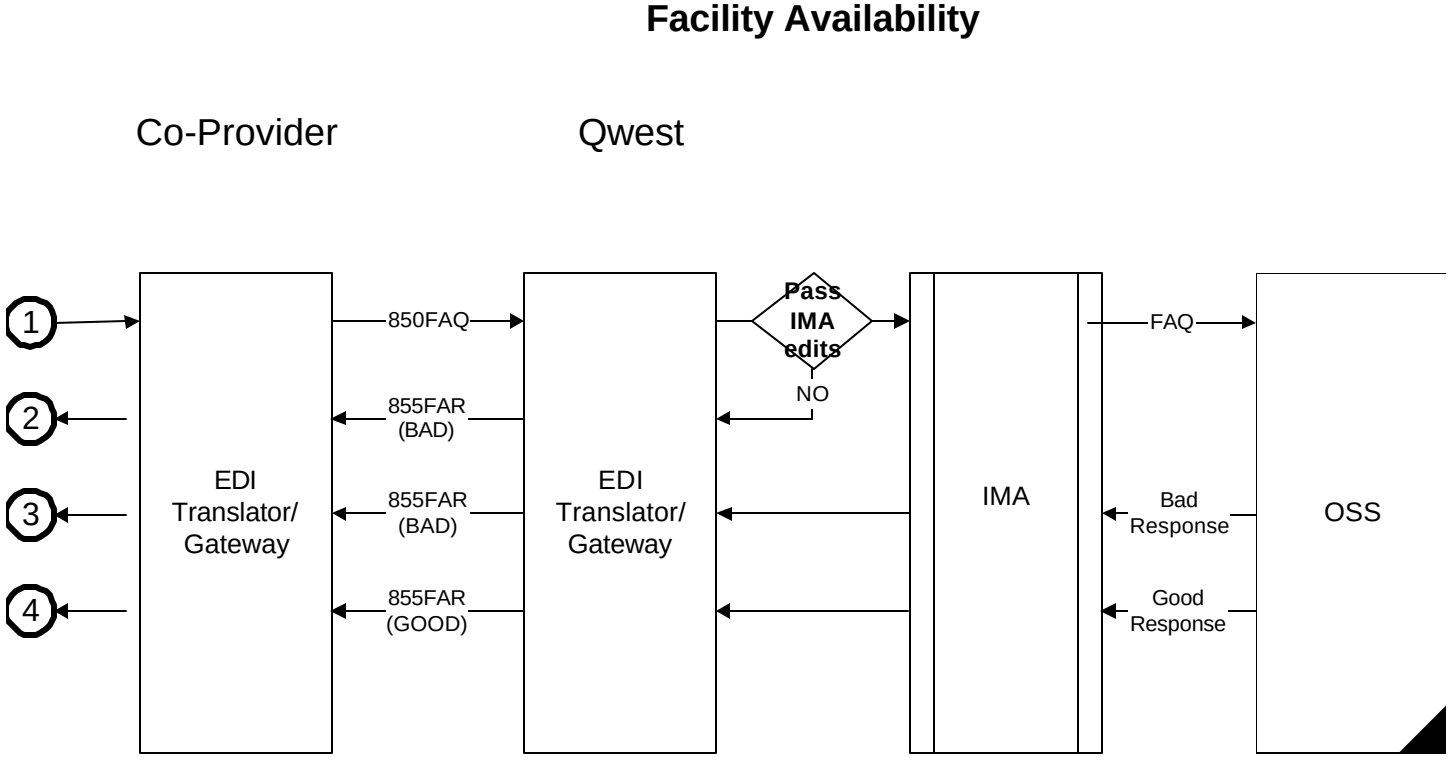
The Check Facility Availability function gives CLECs the ability to confirm that facilities are available from the Central Office or if a technician dispatch is necessary. This function is very helpful when requesting a (any) new line (s), loop(s) or circuit(s). Checking the facilities available gives the CLEC an idea of the availability at a specific time; it does not guarantee the CLEC that the facilities will be available when the Order is submitted at a later time. To check facility availability, one of the following options must be selected:

- The “Design Services Request” option allows checking for available facilities qualified to support design services (DS0 loops) at the requested location.
- The “HICAP Request” option allows checking for available facilities qualified to support high capacity services (DS1 loops) at the requested location.
- The “Convert POTS to Unbundled Loop” option allows checking for available facilities qualified to support Unbundled Loop service at the requested location.
- The “POTS Facility Request” option allows checking for available facilities qualified to support POTS service at the requested location.
- The “ISDN Loop Qualification” option allows checking for facilities qualified to support ISDN service at the requested location.
- The “Unbundled ADSL Loop Qualification” option allows checking for facilities qualified to support Unbundled ADSL service at the requested location.
- The “MegaBit Loop Qualification” option allows checking for facilities qualified to support MegaBit service at the requested location.

5.2 Business Model

Facility Availability

Facility Availability provides Co-Provider the ability to query for and receive information regarding the facilities associated with the customer service location.



1. Co-Provider submits an 850FAQ.

2. If the 850FAQ fails the IMA edits, an 855FAR (BAD) will be returned.

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

3. 855FAR (BAD) will be returned when the 850FAQ encounters an error(s) with the OSS.

4. An 855FAR (GOOD) will be returned when information regarding the facilities queried is retrieved.

5.3 Developer Worksheets

See Appendix A - Developer Worksheets - PreOrder

5.4 Trading Partner Access Information

PRE-ORDER FUNCTION	PRODUCT ID
Facilities Availability Query	850FAQ
Facilities Availability Response	855FAR

5.4.1 OVERVIEW: Qwest Specific Functional Group Envelope - Routing Information

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

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

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

5.4.2 **ISA TABLE INFORMATION**

ANSI X12 ISA and IEA definitions:

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

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

	SENT TO Qwest	**RECEIVED FROM Qwest**
ISA01	***'00'*** *(No Authorization information present)*	***'00'*** *(No Authorization information present)*
ISA02	***Spaces*** *(Authorization information)*	***Spaces*** *(Authorization information)*
ISA03	***'00'*** *(No Security information is present)*	***'00'*** *(No Security information is present)*
ISA04	***Spaces*** *(Security Information)*	***Spaces*** *(Security information)*
ISA05	*Co-Provider TP qualifier*	***'ZZ'*** *(Mutually Defined)*
ISA06	*Co-Provider TP ID*	***'QWESTP'*** *(Note: This Trading partner ID is used only for Pre-order QWEST transactions. The "P" is the unique identifier.)*
ISA07	***'ZZ'*** *(Mutually Defined)*	*Co-Provider TP qualifier*
ISA08	***'QWESTP'*** *(Note: This Trading partner ID is used only for Pre-order QWEST transactions. The "P" is the unique identifier.)*	*Co-Provider TP ID*
ISA09	*Date of the interchange. YYMMDD*	*Date of the interchange. YYMMDD*
ISA10	*Time of the interchange. HHMM (24 Hour Clock)*	*Time of the interchange. HHMM (24 Hour Clock)*
ISA11	***'U'*** *(U.S. EDI Community of ASC X-12, TDCC, and UCS)*	***'U'*** *(U.S. EDI Community of ASC X-12, TDCC, and UCS)*
ISA12	***'00402'*** *(Interchange Version ID)*	***'00402'*** *(Interchange Version ID)*
ISA13	*Sender's translator assigned sequential control number*	*Sender's translator assigned sequential control number*
ISA14	***'0'*** *(No acknowledgment requested)*	***'0'*** *(No acknowledgment requested*
ISA15	***'P'*** *(Production data)*	***'P'*** *(Production data)*
ISA16	***'0x1f'*** *(Sub-element Separator)*	***'0x1f'*** *(Sub-element Separator)*

5.4.3 **GS TABLE INFORMATION**

ANSI X12 GS and GE segment definitions:

- The GS segment is the Functional Group Header.
  Purpose: To indicate the beginning of a functional group and provide control information.
- The GE segment is the Functional Group Trailer.
  Purpose: To indicate the end of a functional group and provide control information.

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

	SENT TO Qwest	**RECEIVED FROM Qwest**
GS01	***SEE GS TABLE BELOW***	***SEE GS TABLE BELOW***
GS02	*Co-Provider TP ID*	***SEE GS TABLE BELOW***
GS03	***SEE GS TABLE BELOW***	*Co-Provider TP ID*
GS04	*Date of the functional group. CCYYMMDD*	*Date of the functional group. CCYYMMDD*
GS05	*Time of the functional group. HHMM (24 hour clock)*	*Time of the functional group. HHMM (24 hour clock)*
GS06	*Sender's translator assigned sequential control number*	*Sender's translator assigned sequential control number*
GS07	***'X'** (Accredited Standards Committee X-12)*	***'X'** (Accredited Standards Committee X-12)*
GS08	***'004020'** (Version)*	***'004020'** (Version)*

GS TABLE:

PRE ORDERING FUNCTION	Qwest SEND/ RECEIVE	DOCUMENT	GS01 VALUE	GS02 VALUE	GS03 VALUE
Facilities Availability Query	Receive	850FAQ	PO	*Co-Provider TP ID*	**FA90**
Facilities Availability Response	Send	855FAR	PR	**FA90**	*Co-Provider TP ID*

5.4.4 MAPPING EXAMPLE AND DATA DICTIONARY ITEMS

Purchase Order (PO) Date

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

Time Code

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

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

4020 Exceptions

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

- SLN loop maximum use has been changed to >1

Delimiters

The following delimiters will be used:

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

5.5 Mapping Examples

5.5.1 850 FACILITY AVAILABILITY QUERY (850FAQ) – Version 4020

Legend of Symbols in this transaction example

Symbol/Definition	Example
{ } = Valid Format	{CCYYMMDD}
Bold/Italics = DWS Element	***PON*** FAR-2
Superscript = Developer's Worksheet Ref # DWS used in this mapping example: FAQ = Facility Availability Query FAR = Facility Availability Response	
Italics = Literal	*GOOD*
Underline = Apply code conversion, used with ***Bold/Italics*** .Code conversion tables can be found in the data dictionary of this disclosure.	***ACT***
[ ] = Segment notes for this line	[SI Segment repeats …]
( ) = Element notes for this line	(This element states …)
n	Counter 1…n
* = Element separator in this example and related data dictionary.	| = Actual element separator in an EDI transaction.
> = Sub-element separator in this example and related data dictionary.	Non-printable characters of "0x1f" = actual sub-element separator in an EDI Transaction

ST*850*TRAN SET CONTROL #
BEG*28*IN***TXNUM***FAQ-3**PO Date (See Trading Partner Access Information)
PAM*02***QLR***FAQ-8**EA
DTM*097***D/TSENT***{CCYYMMDD}FAQ-4***D/TSENT***{HHMM}FAQ-4
SI*TI*IR***TXACT***FAQ-6*IQ***TXTYP***FAQ-5*SS***SCATEG***FAQ-7
N1*78***CCNA***FAQ-1
N1*BY**25***CC***FAQ-2

RESALE PRIVATE LINE or FRAME RELAY

PO1*n*1*EA***ZZ**RPL FR* [PO1 Loop will be used if ***SCATEG***FAQ-7 = "H" or "D"]
SI*TI*BT***CS***FAQ-9
SI*TI*NC***SERCD***FAQ-10
SI*TI*SC***USOC***FAQ-11
SI*TI*Z3***MUXLOC***FAQ-12

TN, CIRCUIT, ADDRESS, CFA

PO1*n*1*EA***ZZ****TNADDRCKTIND***FAQ-13 [PO1 Loop is applicable to all ***SCATEG***FAQ-7]
SI*TI*WT***WTN***FAQ-14
SI*TI*LC***LOOPCHAR***FAQ-35
SI*TI*CN***ECCKT***FAQ-36
QTY*YW***NUMPT***FAQ-15*EA
N1*IT**ADDRESS* [N1 Loop repeats ***NUMPT***FAQ-15 times]
N4*****STATE***FAQ-31*****ZIP***FAQ-32**RJ***CALA***FAQ-33
NX2*01***SANO***FAQ-17
NX2*02***SASN***FAQ-20
NX2*03***SASD***FAQ-19
NX2*05***BOX***FAQ-28

NX2*06**ROUTE**FAQ-27*
NX2*07**CITY**FAQ-30*
NX2*39**AHN**FAQ-26*
NX2*40**SASS**FAQ-22*
NX2*59**SAPR**FAQ-16*
NX2*61**SASF**FAQ-18*
NX2*62**SATH**FAQ-21*
NX2***LD1****FAQ-22a***LV1****FAQ-22b*
NX2***LD2****FAQ-22c***LV2****FAQ-22d*
NX2***LD3****FAQ-22e***LV3****FAQ-22f*
SI*TI*AF**AFT**FAQ-15a*
SI*TI*LS**LSO**FAQ-34*
SLN**CFA*n*A*1*EA [SLN Loop is used if ***SCATEG****FAQ-7* = "H" or "D"]
SI*TI*FC**FACDES**FAQ-37*
SI*TI*SF**FACTYP**FAQ-38*
SI*TI*CP**CHAN**FAQ-39*
N1*ZZ**CFALOC*
NX2*90**LOCA**FAQ-40*
NX2*91**LOCZ**FAQ-41*

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

5.5.2 855 FACILITY AVAILABILITY RESPONSE (855FAR) – Version 4020

ST*855*TRAN SET CONTROL #
BAK*11*AT*__TXNUM__[FAR-3]*PO Date (See Trading Partner Access Information)
PAM*02*__QLR__[FAR-9]*EA
DTM*097*__D/TSENT__{CCYYMMDD}[FAR-4]*__D/TSENT__{HHMM}[FAR-4]
SI*TI*IR*__TXACT__[FAR-6]*IQ*__TXTYP__[FAR-5]*SS*__SCATEG__[FAR-8]
N1*78*__CCNA__[FAR-1]
N1*BY**25*__CC__[FAR-2]

BAD

PO1*n*1*EA***ZZ**BAD* [PO1 Loop will be used if __RESPONSE__[FAR-7] = 'B']
ACK*IR**********TI**FACILITY**__RESPONSE__[FAR-7]
QTY*03*__ERRNUM__[FAR-38]*EA
N9*1Q*__ERRCODE__[FAR-39]**ERR* [N9 Loop repeats __ERRNUM__[FAR-38] times]
MTX***__ERRMESG__[FAR-40]

POTS/GOOD

PO1*n*1*EA***ZZ**POTS* [PO1 Loop will be used if __RESPONSE__[FAR-7] = 'G' and __SCATEG__[FAR-8] = 'P']
ACK*IA**********TI**FACILITY**__RESPONSE__[FAR-7]
QTY*V2*__WLINUM__[FAR-10]*EA
QTY*03*__PRDNOTNUM__[FAR-14]*EA
SLN**QLR**n*A*1*EA [SLN Loop repeats __QLR__[FAR-9] times]
MTX***__REMARK__[FAR-13]
SI*TI*AS*__LINESTAT__[FAR-11]
PID*S***TI*AC***SO-RSQ*__DSIND__[FAR-12]
SLN**PRDNOTNUM**n*A*1*EA [SLN Loop repeats __PRDNOTNUM__[FAR-14] times]
MTX***__PRDNOTSUPP__[FAR-15]

POTS/PENDING

PO1*n*1*EA***ZZ**PENDING* [PO1 Loop will be used if __RESPONSE__[FAR-7] ='G' and __SCATEG__[FAR-8] = 'P' and __PENDNUM__[FAR-16] > 0]
ACK*IA**********TI**FACILITY**__RESPONSE__[FAR-7]
QTY*63*__PENDNUM__[FAR-16]*EA
SLN**PENDNUM**n*A*1*EA [SLN Loop repeats __PENDNUM__[FAR-16] times]
SI*TI*SA*__PDORDERTYP__[FAR-17]
DTM*150*__PDORDERDD__{CCYYMMDD}[FAR-19]
N1*1A**PDORDNUM*
REF*OW*__ORDNUM__[FAR-18]**PDORDNUM*

PRIVATELINE

PO1*n*1*EA***ZZ**PRIVATELINE* [PO1 Loop will be used if __RESPONSE__[FAR-7] = 'G' and __SCATEG__[FAR-8] = 'D' or 'H']
ACK*IA**********TI**FACILITY**__RESPONSE__[FAR-7]
SLN**PRIVATELINE**n*A*1*EA
PID*S***TI*AS***SO-RSQ*__CFAST__[FAR-25]
PID*S***TI*AC***SO-RSQ*__MUXST__[FAR-24]
N9*JM*__LOCANFACS__[FAR-20]
MTX***__LOCARMKS__[FAR-21]
N9*JN*__LOCZNFACS__[FAR-22]
MTX***__LOCZRMKS__[FAR-23]

ISDN

PO1*n*1*EA***ZZ**ISDN* [PO1 Loop will be used if ***RESPONSE***[FAR-7] = 'G' and ***SCATEG***[FAR-8] = 'I']
PID*S**TI*ISDN***SO-RSQ****ISDNFLAG***[FAR-26]
PID*S**TI*SN56***SO-RSQ****SN56FLAG***[FAR-27]
PID*S**TI*CC64***SO-RSQ****CC64FLAG***[FAR-28]
PID*S**TI*X75***SO-RSQ****X75FLAG***[FAR-29]
ACK*IA**********TI**FACILITY*****RESPONSE***[FAR-7]
QTY*02*****DESCNUM***[FAR-30]*EA
SLN**DESCNUM*n*A*1*EA [SLN Loop repeats ***DESCNUM***[FAR-30] times]
MTX*****DESC***[FAR-32]
QTY*27*****LINESNUM***[FAR-31]*EA

UNBUNDLED LOOP

PO1*n*1*EA***ZZ**LOOP* [PO1 Loop will be used if ***RESPONSE***[FAR-7] = 'G' and ***SCATEG***[FAR-8] ='U']
ACK*IA**********TI**FACILITY*****RESPONSE***[FAR-7]
QTY*02*****LINENUM***[FAR-33]*EA
SLN**LINENUM*n*A*1*EA [SLN Loop repeats ***LINENUM***[FAR-33] times]
SI*TI*CN*****ECCKT***[FAR-34]
N9*9K*****SERVON***[FAR-35]
N9*Z5*****LOAD***[FAR-36]
MTX*****MOVE***[FAR-37]

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

5.6 DATA DICTIONARY

5.6.1 850 Facility Availability Query (850FAQ)

Functional Group ID=PO

Introduction:

The 850FAQ will be used by the Co-Provider to initiate a Facility Availability Query to Qwest.

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

Notes:

This 850 Transaction includes the mapping for Facility Availability Query.

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
M	0100	ST	Transaction Set Header	M	1		
M	0200	BEG	Beginning Segment for Purchase Order	M	1		
	0950	PAM	Period Amount	O	10		
	1500	DTM	Date/Time Reference	O	10		
	1850	SI	Service Characteristic Identification	O	>1		
			LOOP ID - N1			200	
	3100	N1	Name	O	1		
			LOOP ID - N1			200	
	3100	N1	Name	O	1		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - PO1			100000	
M	0100	PO1	Baseline Item Data - Resale Private Line or Frame Relay	M	1		n1
	0180	SI	Service Characteristic Identification	O	>1		
			LOOP ID - PO1			100000	
M	0100	PO1	Baseline Item Data - TN, Circuit, Address, CFA	M	1		n2
	0180	SI	Service Characteristic Identification	O	>1		
			LOOP ID - QTY			>1	
	2930	QTY	Quantity	O	1		
			LOOP ID - N1			200	

	3500	N1	Name	O	1		
	3800	N4	Geographic Location	O	1		
	3850	NX2	Location ID Component	O	>1		
	4050	SI	Service Characteristic Identification	O	>1		
			LOOP ID - SLN			>1	
	4700	SLN	Subline Item Detail	O	1		
	4800	SI	Service Characteristic Identification	O	>1		
			LOOP ID - N1			10	
	5350	N1	Name	O	1		
	5700	NX2	Location ID Component	O	>1		

Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - CTT			1	
	0100	CTT	Transaction Totals	O	1		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*850*TRAN SET CONTROL #

Data Element Summary

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

Segment: **BEG** **Beginning Segment for Purchase Order**
Position: 0200
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of the Purchase Order Transaction Set and transmit identifying numbers and dates
Syntax Notes:
Semantic Notes: **1** BEG05 is the date assigned by the purchaser to purchase order.
Comments:
Notes: BEG*28*IN*TXNUM (FAQ-3)**PO Date(See Trading Partner Access Information)

Data Element Summary

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

Segment: **PAM** **Period Amount**
Position: 0950
Loop:
Level: Heading
Usage: Optional
Max Use: 10
Purpose: To indicate a quantity, and/or amount for an identified period
Syntax Notes:
1 If any of PAM01 PAM02 or PAM03 is present, then all are required.
2 At least one of PAM02 PAM05 or PAM14 is required.
3 If either PAM04 or PAM05 is present, then the other is required.
4 If either PAM06 or PAM07 is present, then the other is required.
5 If PAM07 is present, then at least one of PAM08 or PAM09 is required.
6 If PAM07 is present, then PAM06 is required.
7 If PAM08 is present, then PAM07 is required.
8 If PAM09 is present, then PAM07 is required.
9 If PAM10 is present, then at least one of PAM11 or PAM12 is required.
10 If PAM11 is present, then PAM10 is required.
11 If either PAM13 or PAM14 is present, then the other is required.
Semantic Notes:
1 PAM10, PAM11, or PAM12 are used when two dates are required.
2 PAM15 indicates whether the monetary amount identified in PAM05 is a net or gross value. A "Y" indicates amount is a gross value; an "N" indicates amount is a net value.
Comments:
Notes: PAM*02*QLR (FAQ-8)*EA

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
	PAM01	**673**	**Quantity Qualifier** Code specifying the type of quantity 02 Cumulative Quantity	**X**	**ID 2/2**
	PAM02	**380**	**Quantity** Numeric value of quantity QLR (FAQ-8) = Quantity of Lines Requested	**X**	**R 1/15**
	PAM03	**C001**	**Composite Unit of Measure** To identify a composite unit of measure (See Figures Appendix for examples of use)	**X**	
M	**C00101**	**355**	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken EA Each	**M**	**ID 2/2**

Segment: **DTM** **Date/Time Reference**
Position: 1500
Loop:
Level: Heading
Usage: Optional
Max Use: 10
Purpose: To specify pertinent dates and times
Syntax Notes:
1 At least one of DTM02 DTM03 or DTM05 is required.
2 If DTM04 is present, then DTM03 is required.
3 If either DTM05 or DTM06 is present, then the other is required.
Semantic Notes:
Comments:
Notes: DTM*097*D/ TSENT{CCYYMMDD}(FAQ-4)*D/TSENT{HHMM}(FAQ-4)

Data Element Summary

	Ref. Des.	Data Element	Name		
	Attributes				
M	**DTM01**	**374**	**Date/Time Qualifier**	**M**	**ID 3/3**
			Code specifying type of date or time, or both date and time 097 Transaction Creation		
	DTM02	**373**	**Date**	**X**	**DT 8/8**
			Date expressed as CCYYMMDD D/TSENT (FAQ-4) = Date Sent		
	DTM03	**337**	**Time**	**X**	**TM 4/8**
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) D/TSENT{HHMM}(FAQ-4) = Time Sent		

Segment: **SI** **Service Characteristic Identification**
Position: 1850
Loop:
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To specify service characteristic data
Syntax Notes:
1 If either SI04 or SI05 is present, then the other is required.
2 If either SI06 or SI07 is present, then the other is required.
3 If either SI08 or SI09 is present, then the other is required.
4 If either SI10 or SI11 is present, then the other is required.
5 If either SI12 or SI13 is present, then the other is required.
6 If either SI14 or SI15 is present, then the other is required.
7 If either SI16 or SI17 is present, then the other is required.
8 If either SI18 or SI19 is present, then the other is required.
9 If either SI20 or SI21 is present, then the other is required.
Semantic Notes:
Comments:
1 SI01 defines the source for each of the service characteristics qualifiers.
Notes: SI*TI*IR*TXACT (FAQ-6)*IQ*TXTYP (FAQ-5)*SS*SCATEG (FAQ-7)

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
M **SI01**	**559**	**Agency Qualifier Code** Code identifying the agency assigning the code values TI Telecommunications Industry	**M**	**ID 2/2**
M **SI02**	**1000**	**Service Characteristics Qualifier** Code from an industry code list qualifying the type of service characteristics IR Transaction Activity	**M**	**AN 2/2**
M **SI03**	**234**	**Product/Service ID** Identifying number for a product or service TXACT (FAQ-6) = Transaction Activity	**M**	**AN 1/48**
SI04	**1000**	**Service Characteristics Qualifier** Code from an industry code list qualifying the type of service characteristics IQ Inquiry Type	**X**	**AN 2/2**
SI05	**234**	**Product/Service ID** Identifying number for a product or service TXTYP (FAQ-5) = Transaction Type	**X**	**AN 1/48**
SI06	**1000**	**Service Characteristics Qualifier** Code from an industry code list qualifying the type of service characteristics SS Service Sub-category	**X**	**AN 2/2**
SI07	**234**	**Product/Service ID** Identifying number for a product or service SCATEG (FAQ-7) = Search Category	**X**	**AN 1/48**

Segment: **N1** **Name**
Position: 3100
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes: **1** At least one of N102 or N103 is required.
2 If either N103 or N104 is present, then the other is required.
Semantic Notes:
Comments: **1** This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2 N105 and N106 further define the type of entity in N101.
Notes: N1*78*CCNA (FAQ-1)

Data Element Summary

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

Segment: **N1** **Name**
Position: 3100
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes: **1** At least one of N102 or N103 is required.
2 If either N103 or N104 is present, then the other is required.
Semantic Notes:
Comments: **1** This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2 N105 and N106 further define the type of entity in N101.
Notes: N1*BY**25*CC(FAQ-2)

Data Element Summary

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

Segment: **PO1** **Baseline Item Data - Resale Private Line or Frame Relay**
Position: 0100
Loop: PO1 Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To specify basic and most frequently used line item data
Syntax Notes:
1 If PO103 is present, then PO102 is required.
2 If PO105 is present, then PO104 is required.
3 If either PO106 or PO107 is present, then the other is required.
4 If either PO108 or PO109 is present, then the other is required.
5 If either PO110 or PO111 is present, then the other is required.
6 If either PO112 or PO113 is present, then the other is required.
7 If either PO114 or PO115 is present, then the other is required.
8 If either PO116 or PO117 is present, then the other is required.
9 If either PO118 or PO119 is present, then the other is required.
10 If either PO120 or PO121 is present, then the other is required.
11 If either PO122 or PO123 is present, then the other is required.
12 If either PO124 or PO125 is present, then the other is required.
Semantic Notes:
Comments:
1 See the Data Element Dictionary for a complete list of IDs.
2 PO101 is the line item identification.
3 PO106 through PO125 provide for ten different product/service IDs per each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.
Notes: PO1*n*1*EA***ZZ*RPL FR [PO1 Loop will be used if SCATEG (FAQ-7) = 'H' or 'D']

Data Element Summary

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

Segment: **SI** **Service Characteristic Identification**
Position: 0180
Loop: PO1 Mandatory
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify service characteristic data
Syntax Notes:
1 If either SI04 or SI05 is present, then the other is required.
2 If either SI06 or SI07 is present, then the other is required.
3 If either SI08 or SI09 is present, then the other is required.
4 If either SI10 or SI11 is present, then the other is required.
5 If either SI12 or SI13 is present, then the other is required.
6 If either SI14 or SI15 is present, then the other is required.
7 If either SI16 or SI17 is present, then the other is required.
8 If either SI18 or SI19 is present, then the other is required.
9 If either SI20 or SI21 is present, then the other is required.
Semantic Notes:
Comments:
1 SI01 defines the source for each of the service characteristics qualifiers.
Notes:
SI*TI*BT*CS (FAQ-9)
SI*TI*NC*SERCD (FAQ-10)
SI*TI*SC*USOC (FAQ-11)
SI*TI*Z3*MUXLOC (FAQ-12)

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
M **SI01**	**559**	**Agency Qualifier Code** Code identifying the agency assigning the code values TI Telecommunications Industry	**M**	**ID 2/2**
M **SI02**	**1000**	**Service Characteristics Qualifier** Code from an industry code list qualifying the type of service characteristics BT Basic Service Type NC Network Channel SC Service Category Z3 Mutually Defined	**M**	**AN 2/2**
M **SI03**	**234**	**Product/Service ID** Identifying number for a product or service CS (FAQ-9) = Class of Service SERCD (FAQ-10) = Service Channel Code USOC (FAQ-11) = Universal Service Order Code MUXLOC (FAQ-12) = MUX Location	**M**	**AN 1/48**

Segment: **PO1** **Baseline Item Data - TN, Circuit, Address, CFA**
Position: 0100
Loop: PO1 Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To specify basic and most frequently used line item data
Syntax Notes:
1 If PO103 is present, then PO102 is required.
2 If PO105 is present, then PO104 is required.
3 If either PO106 or PO107 is present, then the other is required.
4 If either PO108 or PO109 is present, then the other is required.
5 If either PO110 or PO111 is present, then the other is required.
6 If either PO112 or PO113 is present, then the other is required.
7 If either PO114 or PO115 is present, then the other is required.
8 If either PO116 or PO117 is present, then the other is required.
9 If either PO118 or PO119 is present, then the other is required.
10 If either PO120 or PO121 is present, then the other is required.
11 If either PO122 or PO123 is present, then the other is required.
12 If either PO124 or PO125 is present, then the other is required.
Semantic Notes:
Comments:
1 See the Data Element Dictionary for a complete list of IDs.
2 PO101 is the line item identification.
3 PO106 through PO125 provide for ten different product/service IDs per each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.
Notes: PO1*n*1*EA***ZZ*TNADDRCKTIND (FAQ-13) [PO1 Loop is applicable to all SCATEG (FAQ-7)]

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
PO101	**350**	**Assigned Identification** Alphanumeric characters assigned for differentiation within a transaction set "n" = nth assigned ID within PO1 Loop	**O**	**AN 1/20**
PO102	**330**	**Quantity Ordered** Quantity ordered 1 Always One	**X**	**R 1/15**
PO103	**355**	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken EA Each	**O**	**ID 2/2**
PO106	**235**	**Product/Service ID Qualifier** Code identifying the type/source of the descriptive number used in Product/Service ID (234) ZZ Mutually Defined	**X**	**ID 2/2**
PO107	**234**	**Product/Service ID** Identifying number for a product or service TNADDRCKTIND (FAQ-13) = Telephone Number Address Circuit Indicator	**X**	**AN 1/48**

Segment: **SI** **Service Characteristic Identification**
Position: 0180
Loop: PO1 Mandatory
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify service characteristic data
Syntax Notes:
1 If either SI04 or SI05 is present, then the other is required.
2 If either SI06 or SI07 is present, then the other is required.
3 If either SI08 or SI09 is present, then the other is required.
4 If either SI10 or SI11 is present, then the other is required.
5 If either SI12 or SI13 is present, then the other is required.
6 If either SI14 or SI15 is present, then the other is required.
7 If either SI16 or SI17 is present, then the other is required.
8 If either SI18 or SI19 is present, then the other is required.
9 If either SI20 or SI21 is present, then the other is required.
Semantic Notes:
Comments:
1 SI01 defines the source for each of the service characteristics qualifiers.
Notes:
SI*TI*WT*WTN (FAQ-14)
SI*TI*LC*LOOPCHAR (FAQ-35)
SI*TI*CN*ECCKT (FAQ-36)

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	**SI01**	**559**	**Agency Qualifier Code** Code identifying the agency assigning the code values TI Telecommunications Industry	**M**	**ID 2/2**
M	**SI02**	**1000**	**Service Characteristics Qualifier** Code from an industry code list qualifying the type of service characteristics CN Circuit Number Identification LC Library Code WT Working Telephone Number	**M**	**AN 2/2**
M	**SI03**	**234**	**Product/Service ID** Identifying number for a product or service WTN (FAQ-14) = Working Telephone Number LOOPCHAR (FAQ-35) = Loop Characteristics ECCKT (FAQ-36) = Exchange Company Circuit ID	**M**	**AN 1/48**

Segment: **QTY** **Quantity**
Position: 2930
Loop: QTY Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify quantity information
Syntax Notes: **1** At least one of QTY02 or QTY04 is required.
2 Only one of QTY02 or QTY04 may be present.
Semantic Notes: **1** QTY04 is used when the quantity is non-numeric.
Comments:
Notes: QTY*YW*NUMPT (FAQ-15)*EA

Data Element Summary

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

Segment: **N1** **Name**
Position: 3500
Loop: N1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes: **1** At least one of N102 or N103 is required.
2 If either N103 or N104 is present, then the other is required.
Semantic Notes:
Comments: **1** This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2 N105 and N106 further define the type of entity in N101.
Notes: N1*IT*ADDRESS [N1 Loop repeats NUMPT (FAQ-15) times]

Data Element Summary

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

Segment: **N4** **Geographic Location**
Position: 3800
Loop: N1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes:
1 Only one of N402 or N407 may be present.
2 If N406 is present, then N405 is required.
3 If N407 is present, then N404 is required.
Semantic Notes:
Comments:
1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2 N402 is required only if city name (N401) is in the U.S. or Canada.
Notes: N4**STATE (FAQ-31)*ZIP (FAQ-32)**RJ*CALA (FAQ-33)

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
N402	**156**	**State or Province Code** Code (Standard State/Province) as defined by appropriate government agency STATE (FAQ-31) = State/Province	**X**	**ID 2/2**
N403	**116**	**Postal Code** Code defining international postal zone code excluding punctuation and blanks (zip code for United States) ZIP (FAQ-32) = ZIP/Postal Code	**O**	**ID 3/15**
N405	**309**	**Location Qualifier** Code identifying type of location RJ Region	**X**	**ID 1/2**
N406	**310**	**Location Identifier** Code which identifies a specific location CALA (FAQ-33) = Customer Address Location Area	**O**	**AN 1/30**

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

NX2*01*SANO (FAQ-17)
NX2*02*SASN (FAQ-20)
NX2*03*SASD (FAQ-19)
NX2*05*BOX (FAQ-28)
NX2*06*ROUTE (FAQ-27)
NX2*07*CITY (FAQ-30)
NX2*39*AHN (FAQ-26)
NX2*40*SASS (FAQ-22)
NX2*59*SAPR (FAQ-16)
NX2*61*SASF (FAQ-18)
NX2*62*SATH (FAQ-21)
NX2*LD1 (FAQ-22a)*LV1 (FAQ-22b)
NX2*LD2 (FAQ-22c)*LV2 (FAQ-22d)
NX2*LD3 (FAQ-22e)*LV3 (FAQ-22f)

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	**NX201**	**1106**	**Address Component Qualifier**	**M**	**ID 2/2**
			Code qualifying the type of address component		

LD1 (FAQ-22a) = Location Designator 1
13=(DWS : APT)
34=(DWS : LOT)
35=(DWS : RM)
36=(DWS : SLIP)
37=(DWS : UNIT)
14=(DWS : SUIT)

LD2 (FAQ-22c) = Location Designator 2
32=(DWS : FLR)

LD3 (FAQ-22e) = Location Designator 3
12=(DWS : BLDG)
63=(DWS : WNG)
30=(DWS : PIER)

01	Street Number
02	Street Name
03	Prefix Direction
05	P.O. Box Number
06	Rural Route Number
07	City Name
12	Building Name

			13	Apartment Number		
			14	Suite Number		
			30	Pier The pier at which a ship or boat is docked		
			32	Floor A particular floor or level of a building		
			34	Lot A particular lot or piece of land		
			35	Room A walled room or partitioned area of a building		
			36	Slip The slip or location on a pier at which a ship or boat is docked		
			37	Unit A unit or separate structure		
			39	Unstructured Property		
			40	Street Suffix		
			59	Street Number Low		
			61	Street Number Fraction		
			62	Street Name Suffix		
			63	Secondary Unit Identifier		
M	**NX202**	**166**	**Address Information**		**M**	**AN 1/55**
			Address information SANO (FAQ-17) = Service Address Number SASN (FAQ-20) = Service Address Street Name SASD (FAQ-19) = Service Address Street Directional Prefix BOX (FAQ-28) = Box Number ROUTE (FAQ-27) = Rural Route CITY (FAQ-30) = City AHN (FAQ-26) = Assigned House Number SASS (FAQ-22) = Service Address Street Directional Suffix SAPR (FAQ-16) = Service Address Number Prefix SASF (FAQ-18) = Service Address Number Suffix SATH (FAQ-21) = Service Address Street Type LV1 (FAQ-22b) = Location Value 1 LV2 (FAQ-22d) = Location Value 2 LV3 (FAQ-22f) = Location Value 3		

Segment: **SI** **Service Characteristic Identification**
Position: 4050
Loop: N1 Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify service characteristic data
Syntax Notes:
1 If either SI04 or SI05 is present, then the other is required.
2 If either SI06 or SI07 is present, then the other is required.
3 If either SI08 or SI09 is present, then the other is required.
4 If either SI10 or SI11 is present, then the other is required.
5 If either SI12 or SI13 is present, then the other is required.
6 If either SI14 or SI15 is present, then the other is required.
7 If either SI16 or SI17 is present, then the other is required.
8 If either SI18 or SI19 is present, then the other is required.
9 If either SI20 or SI21 is present, then the other is required.
Semantic Notes:
Comments:
1 SI01 defines the source for each of the service characteristics qualifiers.
Notes:
SI*TI*AF*AFT (FAQ-15a)
SI*TI*LS*LSO (FAQ-34)

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	**SI01**	**559**	**Agency Qualifier Code** Code identifying the agency assigning the code values TI Telecommunications Industry	**M**	**ID 2/2**
M	**SI02**	**1000**	**Service Characteristics Qualifier** Code from an industry code list qualifying the type of service characteristics AF Address Format Type LS Local Serving Office	**M**	**AN 2/2**
M	**SI03**	**234**	**Product/Service ID** Identifying number for a product or service AFT (FAQ-15a) = Address Format Type LSO (FAQ-34) = Local Service Office	**M**	**AN 1/48**

Segment: **SLN** **Subline Item Detail**
Position: 4700
Loop: SLN Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify product subline detail item data
Syntax Notes:
1 If either SLN04 or SLN05 is present, then the other is required.
2 If SLN07 is present, then SLN06 is required.
3 If SLN08 is present, then SLN06 is required.
4 If either SLN09 or SLN10 is present, then the other is required.
5 If either SLN11 or SLN12 is present, then the other is required.
6 If either SLN13 or SLN14 is present, then the other is required.
7 If either SLN15 or SLN16 is present, then the other is required.
8 If either SLN17 or SLN18 is present, then the other is required.
9 If either SLN19 or SLN20 is present, then the other is required.
10 If either SLN21 or SLN22 is present, then the other is required.
11 If either SLN23 or SLN24 is present, then the other is required.
12 If either SLN25 or SLN26 is present, then the other is required.
13 If either SLN27 or SLN28 is present, then the other is required.
Semantic Notes:
1 SLN01 is the identifying number for the subline item.
2 SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials.
3 SLN03 is the configuration code indicating the relationship of the subline item to the baseline item.
4 SLN08 is a code indicating the relationship of the price or amount to the associated segment.
Comments:
1 See the Data Element Dictionary for a complete list of IDs.
2 SLN01 is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1.
3 SLN09 through SLN28 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.
Notes: SLN*CFA*n*A*1*EA [SLN Loop is used if SCATEG (FAQ-7) = "H" or "D"]

Data Element Summary

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

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

Segment: **SI** **Service Characteristic Identification**
Position: 4800
Loop: SLN Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify service characteristic data
Syntax Notes:
1 If either SI04 or SI05 is present, then the other is required.
2 If either SI06 or SI07 is present, then the other is required.
3 If either SI08 or SI09 is present, then the other is required.
4 If either SI10 or SI11 is present, then the other is required.
5 If either SI12 or SI13 is present, then the other is required.
6 If either SI14 or SI15 is present, then the other is required.
7 If either SI16 or SI17 is present, then the other is required.
8 If either SI18 or SI19 is present, then the other is required.
9 If either SI20 or SI21 is present, then the other is required.
Semantic Notes:
Comments:
1 SI01 defines the source for each of the service characteristics qualifiers.
Notes:
SI*TI*FC*FACDES (FAQ-37)
SI*TI*SF*FACTYP (FAQ-38)
SI*TI*CP*CHAN (FAQ-39)

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	**SI01**	**559**	**Agency Qualifier Code** Code identifying the agency assigning the code values TI Telecommunications Industry	**M**	**ID 2/2**
M	**SI02**	**1000**	**Service Characteristics Qualifier** Code from an industry code list qualifying the type of service characteristics CP Channel Type FC Facility Complement SF Service Feature/Option	**M**	**AN 2/2**
M	**SI03**	**234**	**Product/Service ID** Identifying number for a product or service FACDES (FAQ-37) = Facility Designation FACTYP (FAQ-38) = Facility Type CHAN (FAQ-39) = Channel	**M**	**AN 1/48**

Segment: **N1** **Name**
Position: 5350
Loop: N1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes:
1 At least one of N102 or N103 is required.
2 If either N103 or N104 is present, then the other is required.
Semantic Notes:
Comments:
1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2 N105 and N106 further define the type of entity in N101.
Notes: N1*ZZ*CFALOC

Data Element Summary

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

Segment: **NX2** **Location ID Component**
Position: 5700
Loop: N1 Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To define types and values of a geographic location
Syntax Notes:
Semantic Notes:
Comments:
Notes: NX2*90*LOCA (FAQ-40)
NX2*91*LOCZ (FAQ-41)

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	**NX201**	**1106**	**Address Component Qualifier**	**M**	**ID 2/2**
			Code qualifying the type of address component		
			90 Access Customer Terminal Location (ACTL)		
			91 Additional Point of Termination (APOT)		
M	**NX202**	**166**	**Address Information**	**M**	**AN 1/55**
			Address information		
			LOCA (FAQ-40) = Location A LOCZ (FAQ-41) = Location Z		

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

Data Element Summary

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

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

Data Element Summary

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

5.6.2 855 Facility Availability (855FAR)

Functional Group ID=PR

Introduction:

The 855FAR will be used by Qwest to respond to a Facility Availability Query from a Co-Provider.

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

Notes:

This 855 Transaction includes the mapping for Facility Availability Response.

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
M	0100	ST	Transaction Set Header	M	1		
M	0200	BAK	Beginning Segment for Purchase Order Acknowledgment	M	1		
	0950	PAM	Period Amount	O	10		
	1500	DTM	Date/Time Reference	O	10		
	1850	SI	Service Characteristic Identification	O	>1		
			LOOP ID - N1			200	
	3000	N1	Name	O	1		
			LOOP ID - N1			200	
	3000	N1	Name	O	1		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - PO1			100000	
	0100	PO1	Baseline Item Data - Bad	O	1		n1
			LOOP ID - ACK			104	
	2700	ACK	Line Item Acknowledgment	O	1		
			LOOP ID - QTY			>1	
	3000	QTY	Quantity	O	1		
			LOOP ID - N9			1000	
	3500	N9	Reference Identification	O	1		
	3600	MTX	Text	O	>1		
			LOOP ID - PO1			100000	
	0100	PO1	Baseline Item Data - POTS/Good	O	1		n2
			LOOP ID - ACK			104	
	2700	ACK	Line Item Acknowledgment	O	1		

		LOOP ID - QTY			>1	
3000	QTY	Quantity	O	1		
		LOOP ID - QTY			>1	
3000	QTY	Quantity	O	1		
		LOOP ID - SLN			>1	
4900	SLN	Subline Item Detail	O	1		
4950	MTX	Text	O	>1		
5000	SI	Service Characteristic Identification	O	>1		
5100	PID	Product/Item Description	O	1000		
		LOOP ID - SLN			>1	
4900	SLN	Subline Item Detail	O	1		
4950	MTX	Text	O	>1		
		LOOP ID - PO1			100000	
0100	PO1	Baseline Item Data - POTS/PENDING	O	1		n3
		LOOP ID - ACK			104	
2700	ACK	Line Item Acknowledgment	O	1		
		LOOP ID - QTY			>1	
3000	QTY	Quantity	O	1		
		LOOP ID - SLN			>1	
4900	SLN	Subline Item Detail	O	1		
5000	SI	Service Characteristic Identification	O	>1		
5500	DTM	Date/Time Reference	O	10		
		LOOP ID - N1			10	
5760	N1	Name	O	1		
6100	REF	Reference Identification	O	12		
		LOOP ID - PO1			100000	
0100	PO1	Baseline Item Data - PRIVATE LINE	O	1		n4
		LOOP ID - ACK			104	
2700	ACK	Line Item Acknowledgment	O	1		
		LOOP ID - SLN			>1	
4900	SLN	Subline Item Detail	O	1		
5100	PID	Product/Item Description	O	1000		
		LOOP ID - N9			>1	
5630	N9	Reference Identification	O	1		
5650	MTX	Text	O	>1		
		LOOP ID - N9			>1	
5630	N9	Reference Identification	O	1		
5650	MTX	Text	O	>1		
		LOOP ID - PO1			100000	
0100	PO1	Baseline Item Data - ISDN	O	1		n5
		LOOP ID - PID			1000	
0500	PID	Product/Item Description	O	1		
		LOOP ID - ACK			104	

	2700	ACK	Line Item Acknowledgment	O	1			
			LOOP ID - QTY			>1		
	3000	QTY	Quantity	O	1			
			LOOP ID - SLN			>1		
	4900	SLN	Subline Item Detail	O	1			
	4950	MTX	Text	O	>1			
			LOOP ID - QTY			>1		
	5590	QTY	Quantity	O	1			
			LOOP ID - PO1			100000		
	0100	PO1	Baseline Item Data - UNBUNDLED LOOP	O	1		n6	
			LOOP ID - ACK			104		
	2700	ACK	Line Item Acknowledgment	O	1			
			LOOP ID - QTY			>1		
	3000	QTY	Quantity	O	1			
			LOOP ID - SLN			>1		
	4900	SLN	Subline Item Detail	O	1			
	5000	SI	Service Characteristic Identification	O	>1			
			LOOP ID - N9			>1		
	5630	N9	Reference Identification	O	1			
			LOOP ID - N9			>1		
	5630	N9	Reference Identification	O	1			
	5650	MTX	Text	O	>1			

Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - CTT			1	
	0100	CTT	Transaction Totals	O	1		n7
M	0300	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

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

Segment: **ST** **Transaction Set Header**
Position: 0100
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes:
1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
2 The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition.
Comments:
Notes: ST*855*TRAN SET CONTROL #

Data Element Summary

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

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

Data Element Summary

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

Segment: **PAM** **Period Amount**
Position: 0950
Loop:
Level: Heading
Usage: Optional
Max Use: 10
Purpose: To indicate a quantity, and/or amount for an identified period
Syntax Notes:
1 If any of PAM01 PAM02 or PAM03 is present, then all are required.
2 At least one of PAM02 PAM05 or PAM14 is required.
3 If either PAM04 or PAM05 is present, then the other is required.
4 If either PAM06 or PAM07 is present, then the other is required.
5 If PAM07 is present, then at least one of PAM08 or PAM09 is required.
6 If PAM07 is present, then PAM06 is required.
7 If PAM08 is present, then PAM07 is required.
8 If PAM09 is present, then PAM07 is required.
9 If PAM10 is present, then at least one of PAM11 or PAM12 is required.
10 If PAM11 is present, then PAM10 is required.
11 If either PAM13 or PAM14 is present, then the other is required.
Semantic Notes:
1 PAM10, PAM11, or PAM12 are used when two dates are required.
2 PAM15 indicates whether the monetary amount identified in PAM05 is a net or gross value. A "Y" indicates amount is a gross value; an "N" indicates amount is a net value.
Comments:
Notes: PAM*02*QLR (FAR-9)*EA

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
	PAM01	**673**	**Quantity Qualifier** Code specifying the type of quantity 02 Cumulative Quantity	**X**	**ID 2/2**	
	PAM02	**380**	**Quantity** Numeric value of quantity QLR (FAR-9) = Quantity of Lines Requested	**X**	**R 1/15**	
	PAM03	**C001**	**Composite Unit of Measure** To identify a composite unit of measure (See Figures Appendix for examples of use)	**X**		
M	**C00101**	**355**	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken EA Each	**M**	**ID 2/2**	

Segment: **DTM** **Date/Time Reference**
Position: 1500
Loop:
Level: Heading
Usage: Optional
Max Use: 10
Purpose: To specify pertinent dates and times
Syntax Notes:
1 At least one of DTM02 DTM03 or DTM05 is required.
2 If DTM04 is present, then DTM03 is required.
3 If either DTM05 or DTM06 is present, then the other is required.
Semantic Notes:
Comments:
Notes: DTM*097*D/TSENT{CCYYMMDD}(FAR-4)*D/TSENT{HHMM}(FAR-4)

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	**DTM01**	**374**	**Date/Time Qualifier** Code specifying type of date or time, or both date and time 097 Transaction Creation	**M**	**ID 3/3**
	DTM02	**373**	**Date** Date expressed as CCYYMMDD D/TSENT (FAR-4) = Date Sent	**X**	**DT 8/8**
	DTM03	**337**	**Time** Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) D/TSENT{HHMM}(FAR-4) = Time Sent	**X**	**TM 4/8**

Segment: **SI** **Service Characteristic Identification**
Position: 1850
Loop:
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To specify service characteristic data
Syntax Notes:
1 If either SI04 or SI05 is present, then the other is required.
2 If either SI06 or SI07 is present, then the other is required.
3 If either SI08 or SI09 is present, then the other is required.
4 If either SI10 or SI11 is present, then the other is required.
5 If either SI12 or SI13 is present, then the other is required.
6 If either SI14 or SI15 is present, then the other is required.
7 If either SI16 or SI17 is present, then the other is required.
8 If either SI18 or SI19 is present, then the other is required.
9 If either SI20 or SI21 is present, then the other is required.
Semantic Notes:
Comments:
1 SI01 defines the source for each of the service characteristics qualifiers.
Notes: SI*TI*IR*TXACT (FAR-6)*IQ*TXTYP (FAR-5)*SS*SCATEG (FAR-8)

Data Element Summary

	Ref. Des.	Data Element	Name		
	Attributes				
M	**SI01**	**559**	**Agency Qualifier Code** Code identifying the agency assigning the code values TI Telecommunications Industry	**M**	**ID 2/2**
M	**SI02**	**1000**	**Service Characteristics Qualifier** Code from an industry code list qualifying the type of service characteristics IR Transaction Activity	**M**	**AN 2/2**
M	**SI03**	**234**	**Product/Service ID** Identifying number for a product or service TXACT (FAR-6) = Transaction Activity	**M**	**AN 1/48**
	SI04	**1000**	**Service Characteristics Qualifier** Code from an industry code list qualifying the type of service characteristics IQ Inquiry Type	**X**	**AN 2/2**
	SI05	**234**	**Product/Service ID** Identifying number for a product or service TXTYP (FAR-5) = Transaction Type	**X**	**AN 1/48**
	SI06	**1000**	**Service Characteristics Qualifier** Code from an industry code list qualifying the type of service characteristics SS Service Sub-category	**X**	**AN 2/2**
	SI07	**234**	**Product/Service ID** Identifying number for a product or service SCATEG (FAR-8) = Search Category	**X**	**AN 1/48**

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 (FAR-1)

Data Element Summary

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

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

Data Element Summary

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

Segment: **PO1** **Baseline Item Data - Bad**
Position: 0100
Loop: PO1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify basic and most frequently used line item data
Syntax Notes:
1 If PO103 is present, then PO102 is required.
2 If PO105 is present, then PO104 is required.
3 If either PO106 or PO107 is present, then the other is required.
4 If either PO108 or PO109 is present, then the other is required.
5 If either PO110 or PO111 is present, then the other is required.
6 If either PO112 or PO113 is present, then the other is required.
7 If either PO114 or PO115 is present, then the other is required.
8 If either PO116 or PO117 is present, then the other is required.
9 If either PO118 or PO119 is present, then the other is required.
10 If either PO120 or PO121 is present, then the other is required.
11 If either PO122 or PO123 is present, then the other is required.
12 If either PO124 or PO125 is present, then the other is required.
Semantic Notes:
Comments:
1 See the Data Element Dictionary for a complete list of IDs.
2 PO101 is the line item identification.
3 PO106 through PO125 provide for ten different product/service IDs per each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.
Notes: PO1*n*1*EA***ZZ*BAD [PO1 Loop will be used if RESPONSE (FAR-7) = 'B']

Data Element Summary

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

Segment: **ACK** **Line Item Acknowledgment**
Position: 2700
Loop: ACK Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To acknowledge the ordered quantities and specify the ready date for a specific line item
Syntax Notes:
1 If either ACK02 or ACK03 is present, then the other is required.
2 If ACK04 is present, then ACK05 is required.
3 If either ACK07 or ACK08 is present, then the other is required.
4 If either ACK09 or ACK10 is present, then the other is required.
5 If either ACK11 or ACK12 is present, then the other is required.
6 If either ACK13 or ACK14 is present, then the other is required.
7 If either ACK15 or ACK16 is present, then the other is required.
8 If either ACK17 or ACK18 is present, then the other is required.
9 If either ACK19 or ACK20 is present, then the other is required.
10 If either ACK21 or ACK22 is present, then the other is required.
11 If either ACK23 or ACK24 is present, then the other is required.
12 If either ACK25 or ACK26 is present, then the other is required.
13 If either ACK27 or ACK28 is present, then the other is required.
14 If ACK28 is present, then both ACK27 and ACK29 are required.
Semantic Notes:
1 ACK29 Industry Reason Code may be used to identify the item status. In addition, it may be used in conjunction with ACK01 to further clarify the status.
Comments:
Notes: ACK*IR**********TI*FACILITY*RESPONSE (FAR-7)

Data Element Summary

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

Segment: **QTY** **Quantity**
Position: 3000
Loop: QTY Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify quantity information
Syntax Notes: **1** At least one of QTY02 or QTY04 is required.
2 Only one of QTY02 or QTY04 may be present.
Semantic Notes: **1** QTY04 is used when the quantity is non-numeric.
Comments:
Notes: QTY*03*ERRNUM (FAR-38)*EA

Data Element Summary

	Ref. Des.	Data Element	Name		
	Attributes				
M	**QTY01**	**673**	**Quantity Qualifier**	**M**	**ID 2/2**
			Code specifying the type of quantity 03 Discreet Quantity - Rejected Material		
	QTY02	**380**	**Quantity**	**X**	**R 1/15**
			Numeric value of quantity ERRNUM (FAR-38) = Number of Errors		
	QTY03	**C001**	**Composite Unit of Measure**	**O**	
			To identify a composite unit of measure (See Figures Appendix for examples of use)		
M	**C00101**	**355**	**Unit or Basis for Measurement Code**	**M**	**ID 2/2**
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken EA Each		

Segment: **N9** **Reference Identification**
Position: 3500
Loop: N9 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To transmit identifying information as specified by the Reference Identification Qualifier
Syntax Notes:
1 At least one of N902 or N903 is required.
2 If N906 is present, then N905 is required.
3 If either C04003 or C04004 is present, then the other is required.
4 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:
1 N906 reflects the time zone which the time reflects.
2 N907 contains data relating to the value cited in N902.
Comments:
Notes: N9*1Q*ERRCODE (FAR-39)*ERR [N9 Loop repeats ERRNUM (FAR-38) times]

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**N901**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification 1Q Error Identification Code Qualifies a single number that describes an error found in application-level data	**M**	**ID 2/3**
	N902	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier ERRCODE (FAR-39) = Error Code	**X**	**AN 1/30**
	N903	**369**	**Free-form Description** Free-form descriptive text "ERR"	**X**	**AN 1/45**

Segment: **MTX** **Text**
Position: 3600
Loop: N9 Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify textual data
Syntax Notes:
1 If MTX01 is present, then MTX02 is required.
2 If MTX03 is present, then MTX02 is required.
3 If MTX05 is present, then MTX04 is required.
Semantic Notes:
1 MTX05 is the number of lines to advance before printing.
Comments:
1 If MTX04 is "AA - Advance the specific number of lines before print", then MTX05 is required.
Notes: MTX**ERRMESG (FAR-40)

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
MTX02	**1551**	**Message Text** To transmit large volumes of message text ERRMESG (FAR-40) = Error Message	**X**	**AN 1/4096**

Segment: **PO1** **Baseline Item Data - POTS/Good**
Position: 0100
Loop: PO1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify basic and most frequently used line item data
Syntax Notes:
1 If PO103 is present, then PO102 is required.
2 If PO105 is present, then PO104 is required.
3 If either PO106 or PO107 is present, then the other is required.
4 If either PO108 or PO109 is present, then the other is required.
5 If either PO110 or PO111 is present, then the other is required.
6 If either PO112 or PO113 is present, then the other is required.
7 If either PO114 or PO115 is present, then the other is required.
8 If either PO116 or PO117 is present, then the other is required.
9 If either PO118 or PO119 is present, then the other is required.
10 If either PO120 or PO121 is present, then the other is required.
11 If either PO122 or PO123 is present, then the other is required.
12 If either PO124 or PO125 is present, then the other is required.
Semantic Notes:
Comments:
1 See the Data Element Dictionary for a complete list of IDs.
2 PO101 is the line item identification.
3 PO106 through PO125 provide for ten different product/service IDs per each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.
Notes: PO1*n*1*EA***ZZ*POTS [PO1 Loop will be used if RESPONSE (FAR-7) = 'G' and SCATEG (FAR-8) = 'P']

Data Element Summary

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

Segment: **ACK** **Line Item Acknowledgment**
Position: 2700
Loop: ACK Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To acknowledge the ordered quantities and specify the ready date for a specific line item
Syntax Notes:
1 If either ACK02 or ACK03 is present, then the other is required.
2 If ACK04 is present, then ACK05 is required.
3 If either ACK07 or ACK08 is present, then the other is required.
4 If either ACK09 or ACK10 is present, then the other is required.
5 If either ACK11 or ACK12 is present, then the other is required.
6 If either ACK13 or ACK14 is present, then the other is required.
7 If either ACK15 or ACK16 is present, then the other is required.
8 If either ACK17 or ACK18 is present, then the other is required.
9 If either ACK19 or ACK20 is present, then the other is required.
10 If either ACK21 or ACK22 is present, then the other is required.
11 If either ACK23 or ACK24 is present, then the other is required.
12 If either ACK25 or ACK26 is present, then the other is required.
13 If either ACK27 or ACK28 is present, then the other is required.
14 If ACK28 is present, then both ACK27 and ACK29 are required.
Semantic Notes:
1 ACK29 Industry Reason Code may be used to identify the item status. In addition, it may be used in conjunction with ACK01 to further clarify the status.
Comments:
Notes: ACK*IA**********TI*FACILITY*RESPONSE (FAR-7)

Data Element Summary

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

Segment: **QTY** **Quantity**
Position: 3000
Loop: QTY Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify quantity information
Syntax Notes: **1** At least one of QTY02 or QTY04 is required.
2 Only one of QTY02 or QTY04 may be present.
Semantic Notes: **1** QTY04 is used when the quantity is non-numeric.
Comments:
Notes: QTY*V2*WLINUM (FAR-10)*EA

Data Element Summary

	Ref. Des.	Data Element	Name		
	Attributes				
M	**QTY01**	**673**	**Quantity Qualifier**	**M**	**ID 2/2**
			Code specifying the type of quantity V2 Available Quantity		
	QTY02	**380**	**Quantity**	**X**	**R 1/15**
			Numeric value of quantity WLINUM (FAR-10) = Working Lines Left in		
	QTY03	**C001**	**Composite Unit of Measure**	**O**	
			To identify a composite unit of measure (See Figures Appendix for examples of use)		
M	**C00101**	**355**	**Unit or Basis for Measurement Code**	**M**	**ID 2/2**
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken EA Each		

Segment: **QTY** **Quantity**
Position: 3000
Loop: QTY Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify quantity information
Syntax Notes: **1** At least one of QTY02 or QTY04 is required.
2 Only one of QTY02 or QTY04 may be present.
Semantic Notes: **1** QTY04 is used when the quantity is non-numeric.
Comments:
Notes: QTY*03*PRDNOTNUM (FAR-14)*EA

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**QTY01**	**673**	**Quantity Qualifier** Code specifying the type of quantity 03 Discreet Quantity - Rejected Material	**M**	**ID 2/2**
	QTY02	**380**	**Quantity** Numeric value of quantity PRDNOTNUM (FAR-14) = Products Not Supported Number	**X**	**R 1/15**
	QTY03	**C001**	**Composite Unit of Measure** To identify a composite unit of measure (See Figures Appendix for examples of use)	**O**	
M	**C00101**	**355**	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken EA Each	**M**	**ID 2/2**

Segment: **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*QLR*n*A*1*EA [SLN Loop repeats QLR (FAR-9) times]

Data Element Summary

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

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

Segment: **MTX** **Text**
Position: 4950
Loop: SLN Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify textual data
Syntax Notes:
1 If MTX01 is present, then MTX02 is required.
2 If MTX03 is present, then MTX02 is required.
3 If MTX05 is present, then MTX04 is required.
Semantic Notes:
1 MTX05 is the number of lines to advance before printing.
Comments:
1 If MTX04 is "AA - Advance the specific number of lines before print", then MTX05 is required.
Notes: MTX**REMARK (FAR-13)

Data Element Summary

Ref. Des.	Data Element	Name		Attributes
MTX02	**1551**	**Message Text** To transmit large volumes of message text REMARK (FAR-13) = Remark	**X**	**AN 1/4096**

Segment: **SI** **Service Characteristic Identification**
Position: 5000
Loop: SLN Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify service characteristic data
Syntax Notes:
1 If either SI04 or SI05 is present, then the other is required.
2 If either SI06 or SI07 is present, then the other is required.
3 If either SI08 or SI09 is present, then the other is required.
4 If either SI10 or SI11 is present, then the other is required.
5 If either SI12 or SI13 is present, then the other is required.
6 If either SI14 or SI15 is present, then the other is required.
7 If either SI16 or SI17 is present, then the other is required.
8 If either SI18 or SI19 is present, then the other is required.
9 If either SI20 or SI21 is present, then the other is required.
Semantic Notes:
Comments:
1 SI01 defines the source for each of the service characteristics qualifiers.
Notes: SI*TI*AS*LINESTAT (FAR-11)

Data Element Summary

Attributes	Ref. Des.	Data Element	Name		
M	**SI01**	**559**	**Agency Qualifier Code** Code identifying the agency assigning the code values TI Telecommunications Industry	**M**	**ID 2/2**
M	**SI02**	**1000**	**Service Characteristics Qualifier** Code from an industry code list qualifying the type of service characteristics AS Account Status	**M**	**AN 2/2**
M	**SI03**	**234**	**Product/Service ID** Identifying number for a product or service LINESTAT (FAR-11) = Line Status	**M**	**AN 1/48**

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*S**TI*AC***SO-RSQ*DSIND (FAR-12)

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	**PID01**	**349**	**Item Description Type** Code indicating the format of a description S Structured (From Industry Code List)	**M**	**ID 1/1**
	PID03	**559**	**Agency Qualifier Code** Code identifying the agency assigning the code values TI Telecommunications Industry	**X**	**ID 2/2**
	PID04	**751**	**Product Description Code** A code from an industry code list which provides specific data about a product characteristic AC Dispatch Required	**X**	**AN 1/12**
	PID07	**822**	**Source Subqualifier** 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**	**Yes/No Condition or Response Code** Code indicating a Yes or No condition or response DSIND (FAR-12) = Dispatch Indicator	**O**	**ID 1/1**

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*PRDNOTNUM*n*A*1*EA [SLN Loop repeats PRDNOTNUM (FAR-14) times]

Data Element Summary

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

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

Segment: **MTX** **Text**
Position: 4950
Loop: SLN Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify textual data
Syntax Notes:
1 If MTX01 is present, then MTX02 is required.
2 If MTX03 is present, then MTX02 is required.
3 If MTX05 is present, then MTX04 is required.
Semantic Notes:
1 MTX05 is the number of lines to advance before printing.
Comments:
1 If MTX04 is "AA - Advance the specific number of lines before print", then MTX05 is required.
Notes: MTX**PRDNOTSUPP (FAR-15)

Data Element Summary

Ref. Des.	Data Element	Name		Attributes
MTX02	**1551**	**Message Text** To transmit large volumes of message text PRDNOTSUPP (FAR-15) = Products Not Supported	**X**	**AN 1/4096**

Segment: **PO1** **Baseline Item Data - POTS/PENDING**
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*PENDING [PO1 Loop will be used if RESPONSE (FAR-7) = 'G' and SCATEG (FAR-8) = 'P' and PENDNUM (FAR-16) >0]

Data Element Summary

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

Segment: **ACK** **Line Item Acknowledgment**
Position: 2700
Loop: ACK Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To acknowledge the ordered quantities and specify the ready date for a specific line item
Syntax Notes:
1 If either ACK02 or ACK03 is present, then the other is required.
2 If ACK04 is present, then ACK05 is required.
3 If either ACK07 or ACK08 is present, then the other is required.
4 If either ACK09 or ACK10 is present, then the other is required.
5 If either ACK11 or ACK12 is present, then the other is required.
6 If either ACK13 or ACK14 is present, then the other is required.
7 If either ACK15 or ACK16 is present, then the other is required.
8 If either ACK17 or ACK18 is present, then the other is required.
9 If either ACK19 or ACK20 is present, then the other is required.
10 If either ACK21 or ACK22 is present, then the other is required.
11 If either ACK23 or ACK24 is present, then the other is required.
12 If either ACK25 or ACK26 is present, then the other is required.
13 If either ACK27 or ACK28 is present, then the other is required.
14 If ACK28 is present, then both ACK27 and ACK29 are required.
Semantic Notes:
1 ACK29 Industry Reason Code may be used to identify the item status. In addition, it may be used in conjunction with ACK01 to further clarify the status.
Comments:
Notes: ACK*IA**********TI*FACILITY*RESPONSE (FAR-7)

Data Element Summary

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

Segment: **QTY** **Quantity**
Position: 3000
Loop: QTY Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify quantity information
Syntax Notes: **1** At least one of QTY02 or QTY04 is required.
2 Only one of QTY02 or QTY04 may be present.
Semantic Notes: **1** QTY04 is used when the quantity is non-numeric.
Comments:
Notes: QTY*63*PENDNUM (FAR-16)*EA

Data Element Summary

	Ref. Des.	Data Element	Name		
	Attributes				
M	**QTY01**	**673**	**Quantity Qualifier**	**M**	**ID 2/2**
			Code specifying the type of quantity 63 On Order Quantity		
	QTY02	**380**	**Quantity**	**X**	**R 1/15**
			Numeric value of quantity PENDNUM (FAR-16) = Pending Order Number		
	QTY03	**C001**	**Composite Unit of Measure**	**O**	
			To identify a composite unit of measure (See Figures Appendix for examples of use)		
M	**C00101**	**355**	**Unit or Basis for Measurement Code**	**M**	**ID 2/2**
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken EA Each		

Segment: **SLN** **Subline Item Detail**
Position: 4900
Loop: SLN Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify product subline detail item data
Syntax Notes:
1 If either SLN04 or SLN05 is present, then the other is required.
2 If SLN07 is present, then SLN06 is required.
3 If SLN08 is present, then SLN06 is required.
4 If either SLN09 or SLN10 is present, then the other is required.
5 If either SLN11 or SLN12 is present, then the other is required.
6 If either SLN13 or SLN14 is present, then the other is required.
7 If either SLN15 or SLN16 is present, then the other is required.
8 If either SLN17 or SLN18 is present, then the other is required.
9 If either SLN19 or SLN20 is present, then the other is required.
10 If either SLN21 or SLN22 is present, then the other is required.
11 If either SLN23 or SLN24 is present, then the other is required.
12 If either SLN25 or SLN26 is present, then the other is required.
13 If either SLN27 or SLN28 is present, then the other is required.
Semantic Notes:
1 SLN01 is the identifying number for the subline item.
2 SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials.
3 SLN03 is the configuration code indicating the relationship of the subline item to the baseline item.
4 SLN08 is a code indicating the relationship of the price or amount to the associated segment.
Comments:
1 See the Data Element Dictionary for a complete list of IDs.
2 SLN01 is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1.
3 SLN09 through SLN28 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.
Notes: SLN*PENDNUM*n*A*1*EA [SLN Loop repeats PENDNUM (FAR-16) times]

Data Element Summary

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

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

Segment: **SI** **Service Characteristic Identification**
Position: 5000
Loop: SLN Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify service characteristic data
Syntax Notes:
1 If either SI04 or SI05 is present, then the other is required.
2 If either SI06 or SI07 is present, then the other is required.
3 If either SI08 or SI09 is present, then the other is required.
4 If either SI10 or SI11 is present, then the other is required.
5 If either SI12 or SI13 is present, then the other is required.
6 If either SI14 or SI15 is present, then the other is required.
7 If either SI16 or SI17 is present, then the other is required.
8 If either SI18 or SI19 is present, then the other is required.
9 If either SI20 or SI21 is present, then the other is required.
Semantic Notes:
Comments:
1 SI01 defines the source for each of the service characteristics qualifiers.
Notes: SI*TI*SA*PDORDERTYP (FAR-17)

Data Element Summary

	Ref. Des.	Data Element	Name		
	Attributes				
M	**SI01**	**559**	**Agency Qualifier Code** Code identifying the agency assigning the code values TI Telecommunications Industry	**M**	**ID 2/2**
M	**SI02**	**1000**	**Service Characteristics Qualifier** Code from an industry code list qualifying the type of service characteristics SA Service Activity	**M**	**AN 2/2**
M	**SI03**	**234**	**Product/Service ID** Identifying number for a product or service PDORDERTYP (FAR-17) = Pending Order Type	**M**	**AN 1/48**

Segment: **DTM** **Date/Time Reference**
Position: 5500
Loop: SLN 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*150*PDORDERDD{CCYYMMDD}(FAR-19)

Data Element Summary

	Ref. Des.	Data Element	Name		
	Attributes				
M	**DTM01**	**374**	**Date/Time Qualifier**	**M**	**ID 3/3**
			Code specifying type of date or time, or both date and time		
			150 Service Period Start		
	DTM02	**373**	**Date**	**X**	**DT 8/8**
			Date expressed as CCYYMMDD		
			PDORDERDD (FAR-19) = Pending Order Due Date		

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*PDORDNUM

Data Element Summary

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

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*OW*ORDNUM (FAR-18)*PDORDNUM

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	**REF01**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification OW Service Order Number Number assigned when a customer orders service and equipment and which appears on bill	**M**	**ID 2/3**
	REF02	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier ORDNUM (FAR-18) = Order Number	**X**	**AN 1/30**
	REF03	**352**	**Description** A free-form description to clarify the related data elements and their content "PDORDNUM"	**X**	**AN 1/80**

Segment: **PO1** **Baseline Item Data - PRIVATE LINE**
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*PRIVATELINE [PO1 Loop will be used if RESPONSE (FAR-7) = 'G' and SCATEG (FAR-8) = 'D' or 'H']

Data Element Summary

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

Segment: **ACK** **Line Item Acknowledgment**
Position: 2700
Loop: ACK Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To acknowledge the ordered quantities and specify the ready date for a specific line item
Syntax Notes:
1 If either ACK02 or ACK03 is present, then the other is required.
2 If ACK04 is present, then ACK05 is required.
3 If either ACK07 or ACK08 is present, then the other is required.
4 If either ACK09 or ACK10 is present, then the other is required.
5 If either ACK11 or ACK12 is present, then the other is required.
6 If either ACK13 or ACK14 is present, then the other is required.
7 If either ACK15 or ACK16 is present, then the other is required.
8 If either ACK17 or ACK18 is present, then the other is required.
9 If either ACK19 or ACK20 is present, then the other is required.
10 If either ACK21 or ACK22 is present, then the other is required.
11 If either ACK23 or ACK24 is present, then the other is required.
12 If either ACK25 or ACK26 is present, then the other is required.
13 If either ACK27 or ACK28 is present, then the other is required.
14 If ACK28 is present, then both ACK27 and ACK29 are required.
Semantic Notes:
1 ACK29 Industry Reason Code may be used to identify the item status. In addition, it may be used in conjunction with ACK01 to further clarify the status.
Comments:
Notes: ACK*IA**********TI*FACILITY*RESPONSE (FAR-7)

Data Element Summary

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

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*PRIVATELINE*n*A*1*EA

Data Element Summary

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

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

Segment: **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*S**TI*AS***SO-RSQ*CFAST (FAR-25)
PID*S**TI*AC***SO-RSQ*MUXST (FAR-24)

Data Element Summary

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

CFAST(FAR-25) = CFA Status
  Y=(DWS : CFA OK)
  N=(DWS : CFA CONFLICT)

MUXST(FAR-24) = MUX Status

Segment: **N9** **Reference Identification**
Position: 5630
Loop: N9 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To transmit identifying information as specified by the Reference Identification Qualifier
Syntax Notes:
1 At least one of N902 or N903 is required.
2 If N906 is present, then N905 is required.
3 If either C04003 or C04004 is present, then the other is required.
4 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:
1 N906 reflects the time zone which the time reflects.
2 N907 contains data relating to the value cited in N902.
Comments:
Notes: N9*JM*LOCANFACS (FAR-20)

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**N901**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification JM Multiple Listing Service Map X Coordinate	**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 LOCANFACS (FAR-20) = Location A Facilitiy Status	**X**	**AN 1/30**

Segment: **MTX** **Text**
Position: 5650
Loop: N9 Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify textual data
Syntax Notes:
1 If MTX01 is present, then MTX02 is required.
2 If MTX03 is present, then MTX02 is required.
3 If MTX05 is present, then MTX04 is required.
Semantic Notes:
1 MTX05 is the number of lines to advance before printing.
Comments:
1 If MTX04 is "AA - Advance the specific number of lines before print", then MTX05 is required.
Notes: MTX**LOCARMKS (FAR-21)

Data Element Summary

Ref. Des.	Data Element	Name		Attributes
MTX02	**1551**	**Message Text** To transmit large volumes of message text LOCARMKS (FAR-21) = Location A Remarks	**X**	**AN 1/4096**

Segment: **N9** **Reference Identification**
Position: 5630
Loop: N9 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To transmit identifying information as specified by the Reference Identification Qualifier
Syntax Notes:
1 At least one of N902 or N903 is required.
2 If N906 is present, then N905 is required.
3 If either C04003 or C04004 is present, then the other is required.
4 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:
1 N906 reflects the time zone which the time reflects.
2 N907 contains data relating to the value cited in N902.
Comments:
Notes: N9*JN*LOCZNFACS (FAR-22)

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**N901**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification JN Multiple Listing Service Map Y Coordinate	**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 LOCZNFACS (FAR-22) = Location Z Facility Status	**X**	**AN 1/30**

Segment: **MTX** **Text**
Position: 5650
Loop: N9 Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify textual data
Syntax Notes:
1 If MTX01 is present, then MTX02 is required.
2 If MTX03 is present, then MTX02 is required.
3 If MTX05 is present, then MTX04 is required.
Semantic Notes:
1 MTX05 is the number of lines to advance before printing.
Comments:
1 If MTX04 is "AA - Advance the specific number of lines before print", then MTX05 is required.
Notes: MTX**LOCZRMKS (FAR-23)

Data Element Summary

Ref. Des.	Data Element	Name		Attributes
MTX02	**1551**	**Message Text** To transmit large volumes of message text LOCZRMKS (FAR-23) = Location Z Remarks	**X**	**AN 1/4096**

Segment: **PO1** **Baseline Item Data - ISDN**
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*ISDN [PO1 Loop will be used if RESPONSE (FAR-7) = 'G' and SCATEG (FAR-8) = 'I']

Data Element Summary

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

Segment: **PID** **Product/Item Description**
Position: 0500
Loop: PID Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To describe a product or process in coded or free-form format
Syntax Notes:
1 If PID04 is present, then PID03 is required.
2 At least one of PID04 or PID05 is required.
3 If PID07 is present, then PID03 is required.
4 If PID08 is present, then PID04 is required.
5 If PID09 is present, then PID05 is required.
Semantic Notes:
1 Use PID03 to indicate the organization that publishes the code list being referred to.
2 PID04 should be used for industry-specific product description codes.
3 PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
4 PID09 is used to identify the language being used in PID05.
Comments:
1 If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
2 Use PID06 when necessary to refer to the product surface or layer being described in the segment.
3 PID07 specifies the individual code list of the agency specified in PID03.
Notes:
PID*S**TI*ISDN***SO-RSQ*ISDNFLAG (FAR-26)
PID*S**TI*SN56***SO-RSQ*SN56FLAG (FAR-27)
PID*S**TI*CC64***SO-RSQ*CC64FLAG (FAR-28)
PID*S**TI*X75***SO-RSQ*X75FLAG (FAR-29)

Data Element Summary

	Ref. Des. Attributes	Data Element	Name			
M	**PID01**	**349**	**Item Description Type**		**M**	**ID 1/1**
			Code indicating the format of a description			
			S	Structured (From Industry Code List)		
	PID03	**559**	**Agency Qualifier Code**		**X**	**ID 2/2**
			Code identifying the agency assigning the code values			
			TI	Telecommunications Industry		
	PID04	**751**	**Product Description Code**		**X**	**AN 1/12**
			A code from an industry code list which provides specific data about a product characteristic			
			CC64	64kbps Clear Channel Capability		
			ISDN	Wire Center ISDN Capable		
			SN56	Switched Net 56 Capable		
			X75	X.75 Capability		
	PID07	**822**	**Source Subqualifier**		**O**	**AN 1/15**
			A reference that indicates the table or text maintained by the Source			

		Qualifier SO-RSQ Service Order - Reseller Questions list		
PID08	**1073**	**Yes/No Condition or Response Code** Code indicating a Yes or No condition or response	**O**	**ID 1/1**
		ISDNFLAG (FAR-26) = Integrated Switched Digital Network (ISDN) Indicator SN56FLAG (FAR-27) = Switched Net 56 Indicator CC64FLAG (FAR-28) = 64K Clear Channel Indicator X75FLAG (FAR-29) = X75 Packet Service Indicator		

Segment: **ACK** **Line Item Acknowledgment**
Position: 2700
Loop: ACK Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To acknowledge the ordered quantities and specify the ready date for a specific line item
Syntax Notes:
1 If either ACK02 or ACK03 is present, then the other is required.
2 If ACK04 is present, then ACK05 is required.
3 If either ACK07 or ACK08 is present, then the other is required.
4 If either ACK09 or ACK10 is present, then the other is required.
5 If either ACK11 or ACK12 is present, then the other is required.
6 If either ACK13 or ACK14 is present, then the other is required.
7 If either ACK15 or ACK16 is present, then the other is required.
8 If either ACK17 or ACK18 is present, then the other is required.
9 If either ACK19 or ACK20 is present, then the other is required.
10 If either ACK21 or ACK22 is present, then the other is required.
11 If either ACK23 or ACK24 is present, then the other is required.
12 If either ACK25 or ACK26 is present, then the other is required.
13 If either ACK27 or ACK28 is present, then the other is required.
14 If ACK28 is present, then both ACK27 and ACK29 are required.
Semantic Notes:
1 ACK29 Industry Reason Code may be used to identify the item status. In addition, it may be used in conjunction with ACK01 to further clarify the status.
Comments:
Notes: ACK*IA**********TI*FACILITY*RESPONSE (FAR-7)

Data Element Summary

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

Segment: **QTY** **Quantity**
Position: 3000
Loop: QTY Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify quantity information
Syntax Notes: **1** At least one of QTY02 or QTY04 is required.
2 Only one of QTY02 or QTY04 may be present.
Semantic Notes: **1** QTY04 is used when the quantity is non-numeric.
Comments:
Notes: QTY*02*DESCNUM (FAR-30)*EA

Data Element Summary

	Ref. Des.	Data Element	Name		
	Attributes				
M	**QTY01**	**673**	**Quantity Qualifier**	**M**	**ID 2/2**
			Code specifying the type of quantity 02 Cumulative Quantity		
	QTY02	**380**	**Quantity**	**X**	**R 1/15**
			Numeric value of quantity DESCNUM (FAR-30) = Description Number		
	QTY03	**C001**	**Composite Unit of Measure**	**O**	
			To identify a composite unit of measure (See Figures Appendix for examples of use)		
M	**C00101**	**355**	**Unit or Basis for Measurement Code**	**M**	**ID 2/2**
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken EA Each		

Segment: **SLN** **Subline Item Detail**
Position: 4900
Loop: SLN Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify product subline detail item data
Syntax Notes:
1 If either SLN04 or SLN05 is present, then the other is required.
2 If SLN07 is present, then SLN06 is required.
3 If SLN08 is present, then SLN06 is required.
4 If either SLN09 or SLN10 is present, then the other is required.
5 If either SLN11 or SLN12 is present, then the other is required.
6 If either SLN13 or SLN14 is present, then the other is required.
7 If either SLN15 or SLN16 is present, then the other is required.
8 If either SLN17 or SLN18 is present, then the other is required.
9 If either SLN19 or SLN20 is present, then the other is required.
10 If either SLN21 or SLN22 is present, then the other is required.
11 If either SLN23 or SLN24 is present, then the other is required.
12 If either SLN25 or SLN26 is present, then the other is required.
13 If either SLN27 or SLN28 is present, then the other is required.
Semantic Notes:
1 SLN01 is the identifying number for the subline item.
2 SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials.
3 SLN03 is the configuration code indicating the relationship of the subline item to the baseline item.
4 SLN08 is a code indicating the relationship of the price or amount to the associated segment.
Comments:
1 See the Data Element Dictionary for a complete list of IDs.
2 SLN01 is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1.
3 SLN09 through SLN28 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.
Notes: SLN*DESCNUM*n*A*1*EA [SLN Loop repeats DESCNUM (FAR-30) times]

Data Element Summary

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

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

Segment: **MTX** **Text**
Position: 4950
Loop: SLN Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify textual data
Syntax Notes:
1 If MTX01 is present, then MTX02 is required.
2 If MTX03 is present, then MTX02 is required.
3 If MTX05 is present, then MTX04 is required.
Semantic Notes:
1 MTX05 is the number of lines to advance before printing.
Comments:
1 If MTX04 is "AA - Advance the specific number of lines before print", then MTX05 is required.
Notes: MTX**DESC (FAR-32)

Data Element Summary

Ref. Des.	Data Element	Name		Attributes
MTX02	**1551**	**Message Text** To transmit large volumes of message text DESC (FAR-32) = Description	**X**	**AN 1/4096**

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*27*LINESNUM (FAR-31)*EA

Data Element Summary

	Ref. Des.	Data Element	Name		
	Attributes				
M	**QTY01**	**673**	**Quantity Qualifier**	**M**	**ID 2/2**
			Code specifying the type of quantity 27 Committed Quantity		
	QTY02	**380**	**Quantity**	**X**	**R 1/15**
			Numeric value of quantity LINESNUM (FAR-31) = Number of Lines		
	QTY03	**C001**	**Composite Unit of Measure**	**O**	
			To identify a composite unit of measure (See Figures Appendix for examples of use)		
M	**C00101**	**355**	**Unit or Basis for Measurement Code**	**M**	**ID 2/2**
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken EA Each		

Segment: **PO1** **Baseline Item Data - UNBUNDLED LOOP**
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*LOOP [PO1 Loop will be used if RESPONSE (FAR-7) = 'G' and SCATEG (FAR-8) = 'U']

Data Element Summary

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

Segment: **ACK** **Line Item Acknowledgment**
Position: 2700
Loop: ACK Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To acknowledge the ordered quantities and specify the ready date for a specific line item
Syntax Notes:
1 If either ACK02 or ACK03 is present, then the other is required.
2 If ACK04 is present, then ACK05 is required.
3 If either ACK07 or ACK08 is present, then the other is required.
4 If either ACK09 or ACK10 is present, then the other is required.
5 If either ACK11 or ACK12 is present, then the other is required.
6 If either ACK13 or ACK14 is present, then the other is required.
7 If either ACK15 or ACK16 is present, then the other is required.
8 If either ACK17 or ACK18 is present, then the other is required.
9 If either ACK19 or ACK20 is present, then the other is required.
10 If either ACK21 or ACK22 is present, then the other is required.
11 If either ACK23 or ACK24 is present, then the other is required.
12 If either ACK25 or ACK26 is present, then the other is required.
13 If either ACK27 or ACK28 is present, then the other is required.
14 If ACK28 is present, then both ACK27 and ACK29 are required.
Semantic Notes:
1 ACK29 Industry Reason Code may be used to identify the item status. In addition, it may be used in conjunction with ACK01 to further clarify the status.
Comments:
Notes: ACK*IA**********TI*FACILITY*RESPONSE (FAR-7)

Data Element Summary

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

Segment: **QTY** **Quantity**
Position: 3000
Loop: QTY Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify quantity information
Syntax Notes: **1** At least one of QTY02 or QTY04 is required.
2 Only one of QTY02 or QTY04 may be present.
Semantic Notes: **1** QTY04 is used when the quantity is non-numeric.
Comments:
Notes: QTY*02*LINENUM (FAR-33)*EA

Data Element Summary

	Ref. Des.	Data Element	Name		
	Attributes				
M	**QTY01**	**673**	**Quantity Qualifier**	**M**	**ID 2/2**
			Code specifying the type of quantity 02 Cumulative Quantity		
	QTY02	**380**	**Quantity**	**X**	**R 1/15**
			Numeric value of quantity LINENUM (FAR-33) = Number of Lines		
	QTY03	**C001**	**Composite Unit of Measure**	**O**	
			To identify a composite unit of measure (See Figures Appendix for examples of use)		
M	**C00101**	**355**	**Unit or Basis for Measurement Code**	**M**	**ID 2/2**
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken EA Each		

Segment: **SLN** **Subline Item Detail**
Position: 4900
Loop: SLN Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify product subline detail item data
Syntax Notes:
1 If either SLN04 or SLN05 is present, then the other is required.
2 If SLN07 is present, then SLN06 is required.
3 If SLN08 is present, then SLN06 is required.
4 If either SLN09 or SLN10 is present, then the other is required.
5 If either SLN11 or SLN12 is present, then the other is required.
6 If either SLN13 or SLN14 is present, then the other is required.
7 If either SLN15 or SLN16 is present, then the other is required.
8 If either SLN17 or SLN18 is present, then the other is required.
9 If either SLN19 or SLN20 is present, then the other is required.
10 If either SLN21 or SLN22 is present, then the other is required.
11 If either SLN23 or SLN24 is present, then the other is required.
12 If either SLN25 or SLN26 is present, then the other is required.
13 If either SLN27 or SLN28 is present, then the other is required.
Semantic Notes:
1 SLN01 is the identifying number for the subline item.
2 SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials.
3 SLN03 is the configuration code indicating the relationship of the subline item to the baseline item.
4 SLN08 is a code indicating the relationship of the price or amount to the associated segment.
Comments:
1 See the Data Element Dictionary for a complete list of IDs.
2 SLN01 is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1.
3 SLN09 through SLN28 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.
Notes: SLN*LINENUM*n*A*1*EA [SLN Loop repeats LINENUM (FAR-33) times]

Data Element Summary

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

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

Segment: **SI** **Service Characteristic Identification**
Position: 5000
Loop: SLN Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify service characteristic data
Syntax Notes:
1 If either SI04 or SI05 is present, then the other is required.
2 If either SI06 or SI07 is present, then the other is required.
3 If either SI08 or SI09 is present, then the other is required.
4 If either SI10 or SI11 is present, then the other is required.
5 If either SI12 or SI13 is present, then the other is required.
6 If either SI14 or SI15 is present, then the other is required.
7 If either SI16 or SI17 is present, then the other is required.
8 If either SI18 or SI19 is present, then the other is required.
9 If either SI20 or SI21 is present, then the other is required.
Semantic Notes:
Comments:
1 SI01 defines the source for each of the service characteristics qualifiers.
Notes: SI*TI*CN*ECCKT (FAR-34)

Data Element Summary

	Ref. Des.	Data Element	Name		
	Attributes				
M	**SI01**	**559**	**Agency Qualifier Code** Code identifying the agency assigning the code values TI Telecommunications Industry	**M**	**ID 2/2**
M	**SI02**	**1000**	**Service Characteristics Qualifier** Code from an industry code list qualifying the type of service characteristics CN Circuit Number Identification	**M**	**AN 2/2**
M	**SI03**	**234**	**Product/Service ID** Identifying number for a product or service ECCKT (FAR-34) = Exchange Company Circuit ID	**M**	**AN 1/48**

Segment: **N9** **Reference Identification**
Position: 5630
Loop: N9 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To transmit identifying information as specified by the Reference Identification Qualifier
Syntax Notes:
1 At least one of N902 or N903 is required.
2 If N906 is present, then N905 is required.
3 If either C04003 or C04004 is present, then the other is required.
4 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:
1 N906 reflects the time zone which the time reflects.
2 N907 contains data relating to the value cited in N902.
Comments:
Notes: N9*9K*SERVON (FAR-35)

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	**N901**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification 9K Servicer	**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 SERVON (FAR-35) = Served On	**X**	**AN 1/30**

Segment: **N9** **Reference Identification**
Position: 5630
Loop: N9 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To transmit identifying information as specified by the Reference Identification Qualifier
Syntax Notes:
1 At least one of N902 or N903 is required.
2 If N906 is present, then N905 is required.
3 If either C04003 or C04004 is present, then the other is required.
4 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:
1 N906 reflects the time zone which the time reflects.
2 N907 contains data relating to the value cited in N902.
Comments:
Notes: N9*Z5*LOAD (FAR-36)

Data Element Summary

	Ref. Des.	Data Element	Name		
	Attributes				
M	**N901**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification Z5 Load Line Certificate Number of a document specifying the depth to which a vessel should sink when properly loaded	**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 LOAD (FAR-36) = Loading	**X**	**AN 1/30**

Segment: **MTX** **Text**
Position: 5650
Loop: N9 Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify textual data
Syntax Notes:
1 If MTX01 is present, then MTX02 is required.
2 If MTX03 is present, then MTX02 is required.
3 If MTX05 is present, then MTX04 is required.
Semantic Notes:
1 MTX05 is the number of lines to advance before printing.
Comments:
1 If MTX04 is "AA - Advance the specific number of lines before print", then MTX05 is required.
Notes: MTX**MOVE (FAR-37)

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
MTX02	**1551**	**Message Text** To transmit large volumes of message text MOVE (FAR-37) = Can be moved to	**X**	**AN 1/4096**

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

Data Element Summary

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

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

Data Element Summary

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