Meet Point Validation

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12. MEET POINT

12.1 Business Description

Using the Meet Point query, a CLEC can validate the POTS SPLITTER or Cable Connection information that is required for Shared Loop orders.

When the POTS SPLITTER is located inside a CLEC's co-location cage, the information validated is the Cable Connection, which is described by the CLEC's assigned Cable Name and Voice Pair

When the POTS SPLITTER is located outside of a co-location cage, the information validated is the location of the POTS SPLITTER, which is described by the CLEC's assigned Floor and Aisle, Bay, Shelf, and Unit.

12.2 Business Model

Meet Point

Meet Point enables the Co-Provider to validate POTS splitter and cable connections required for Shared Loop orders.
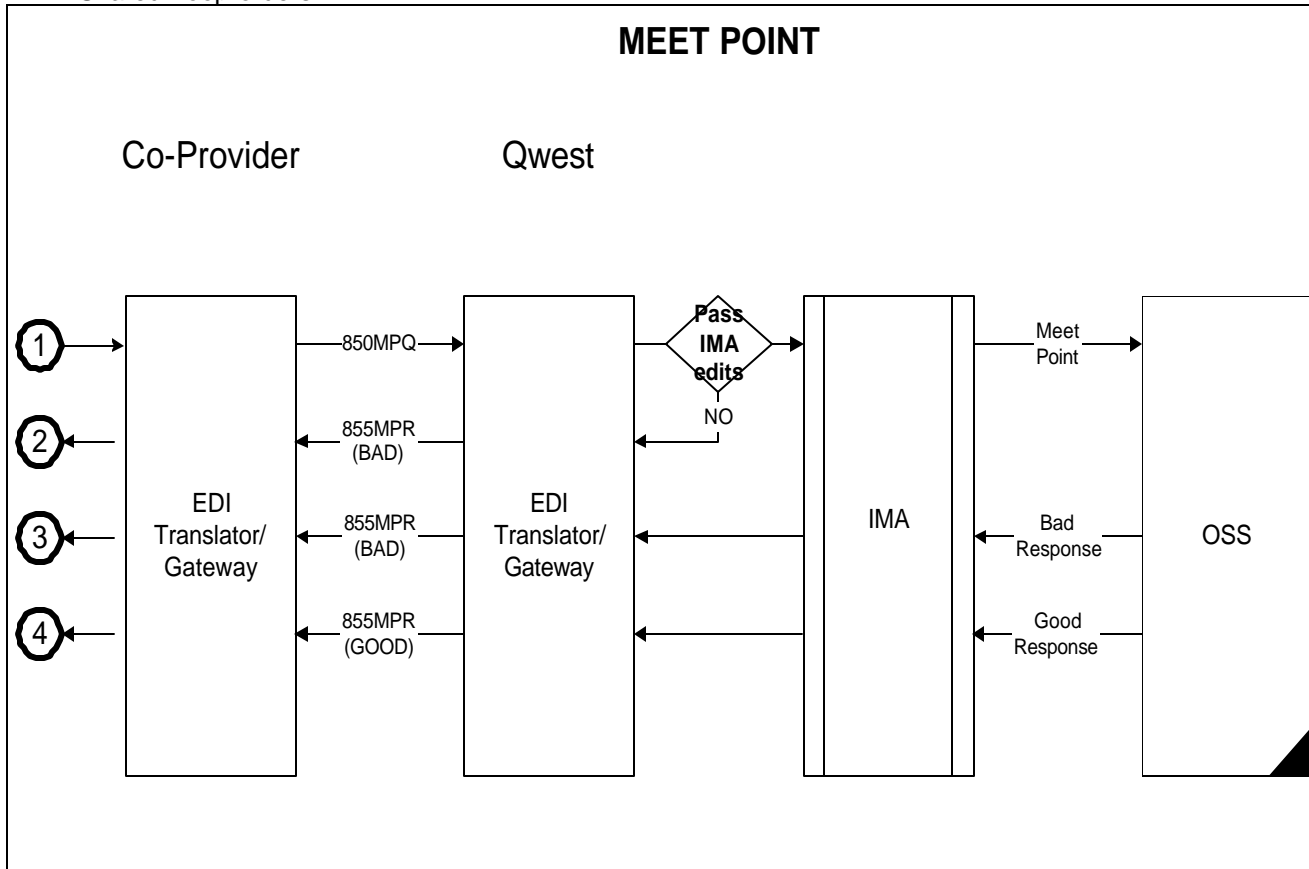
1. The Co-Provider submits an 850MPQ.

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

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

3. An 855MPR (BAD) will be returned when the 850MPQ encounters an error(s) with the OSS.

4. An 855MPR (GOOD) will be returned with a list of validated and available POTS splitters or cable connections.

12.3 Developer Worksheets

See Appendix A – Developer Worksheets - PreOrder

12.4 Trading Partner Access Information

PRE-ORDER FUNCTION	PRODUCT ID
Meet Point Validation Query	850MPQ
Meet Point Validation Response	855MPR

12.4.1 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.

12.4.2 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)*

12.4.3 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
Meet Point Validation Query	Receive	850MPQ	PO	*Co-Provider TP ID*	**MP90**
Meet Point Validation Response	Send	855MPR	PR	**MP90**	*Co-Provider TP ID*

12.4.4 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

12.5 Mapping Examples

12.5.1 850 Meet Point Query (850MPQ) – Version 4020

Legend of Symbols in this transaction example

Symbol/Definition	Example
{ } = Valid Format	{CCYYMMDD}
Bold/Italics = DWS Element	***PON***[MPQ-2]
Superscript = Developer's Worksheet Ref # DWS used in this mapping example: MPQ = Meet Point Query MPR = Meet Point 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***[MPQ-2]***PO Date(See Trading Partner Access Information)
DTM*097***D/TSENT***{CCYYMMDD}[MPQ-3]***D/TSENT***{HHMM}[MPQ-3]
SI*TI*IR***TXACT***[MPQ-5]*IQ***TXTYP***[MPQ-4]
SI*TI*S2***SEARCHTYP***[MPQ-6]
SI*TI*LS***LSO***[MPQ-10]
PID*S**TI*POTSSPLITLOC***SO-RSQ***POTSSPLITLOC***[MPQ-7]
N1*78***CCNA***[MPQ-1]

POTS Splitter List Query Section

PO1*n*1*EA***ZZ*_PSLQ_   [PO1 Loop will be used if ***SEARCHTYP***[MPQ-6] = P"]
PAM*01***POTSSPLITQTY***[MPQ-8]*EA
SLN*_PSLQ_*n*A*1*EA   [SLN Loop repeats ***POTSSPLITQTY***[MPQ-8] times]
SI*TI*X1*_POTSSPLIT_[MPQ-11]

Cable Connection List Query Section

PO1*n*1*EA***ZZ*_CCLQ_   [PO1 Loop will be used if ***SEARCHTYP***[MPQ-6] = "C"]
PAM*99***CABCONNQTY***[MPQ-9]*EA
SLN*_CCLQ_*n*A*1*EA   [SLN Loop repeats ***CABCONNQTY***[MPQ-9] times]
SI*TI*X2*_CABCONN_[MPQ-12]

POTS Splitter Range Query Section

PO1*n*1*EA***ZZ*_PSRQ_   [PO1 Loop will be used if **_SEARCHTYP_**[MPQ-6] = "S"]
REF*BG*_**LOPOTSSPLIT**_[MPQ-13]
REF*EG*_**HIPOTSSPLIT**_[MPQ-14]

Cable Connection Range Query Section

PO1*n*1*EA***ZZ*_CCRQ_   [PO1 Loop will be used if **_SEARCHTYP_**[MPQ-6] = "R"]
REF*BMM**_**LOCABCONN**_[MPQ-15]
REF*EMM**_**HICABCONN**_[MPQ-16]

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

12.5.2 855 Meet Point Response (855MPR) – Version 4020

ST*855*TRAN SET CONTROL #
BAK*11*AT***TXNUM***[MPR-2]*PO Date (See Trading Partner Access Information)
DTM*097***D/TSENT***{CCYYMMDD}[MPR-3]***D/TSENT***{HHMM}[MPR-3]
SI*TI*IR* ***TXACT***[MPR-5]*IQ***TXTYP***[MPR-4]
SI*TI*S2***SEARCHTYP***[MPR-7]
SI*TI*LS***LSO***[MPR-11]
PID*S**TI*POTSSPLITLOC***SO-RSQ* **_POTSSPLITLOC_**[MPR-8]
N1*78* **CCNA**[MPR-1]

Bad

Error Section

PO1*n*1*EA***ZZ*_BAD_ [PO1 Loop will be used if **RESPONSE**[MPR-6] = "B"]
ACK*IR***********************TI* _MEETPOINT_* **RESPONSE**[MPR-6]
QTY*03***ERRNUM***[MPR-18]*EA
N9*1Q***ERRCODE***[MPR-19]*_ERR_ [N9 Loop repeats **ERRNUM**[MPR-18] times]
MTX***ERRMESG***[MPR-20]

Good

POTS Splitter Section

PO1*n*1*EA***ZZ*_PSS_ [PO1 Loop will be used if **RESPONSE**[MPR-6] = "G" and
 POTSSPLITLOC[MPR-8] = "O"]
PAM*V2* **POTSSPLITNUM**[MPR-9]*EA
ACK*IA***********************TI* _MEETPOINT_* **RESPONSE**[MPR-6]
SLN*_PSS_*n*A*1*EA [SLN Loop repeats **POTSSPLITNUM**[MPR-9] times]
SI*TI*KR***INVSTAT***[MPR-13]
SI*TI*X1***POTSSPLIT***[MPR-12]
N9*KK*INVMSG
MTX***INVMSG***[MPR-14]

Cable Connection Section

PO1*n*1*EA***ZZ* _CCS_ [PO1 Loop will be used if **RESPONSE**[MPR-6] = "G" and
 POTSSPLITLOC[MPR-8] = "I"]
PAM*V3***CABCONNNUM***[MPR-10]*EA
ACK*IA***********************TI* _MEETPOINT_* **RESPONSE**[MPR-6]
SLN* _CCS_*n*A*1*EA [SLN Loop repeats **CABCONNNUM**[MPR-10] times]
SI*TI*KR***INVSTAT***[MPR-16]
SI*TI*X2***CABCONN***[MPR-15]
N9*KK* _INVMSG_
MTX***INVMSG***[MPR-17]
CTT*Number of PO1 Segments
SE*Number of Segments*TRAN SET CONTROL #

12.6 Data Dictionary

12.6.1 850 Meet Point Validation Query (850MP)

Functional Group ID=PO

Introduction:

The 850MP will be used by the Co-Provider to initiate a Meet Point Validation Query to Qwest.

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

Notes:

This 850 Transaction includes the mapping for Meet Point Validation 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		
	1500	DTM	Date/Time Reference	O	10		
	1850	SI	Service Characteristic Identification	O	>1		
	1900	PID	Product/Item Description	O	200		
			LOOP ID - N1			200	
	3100	N1	Name	O	1		

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 - POTS Splitter List Query Section	M	1		n1
	0450	PAM	Period Amount	O	10		
			LOOP ID - SLN			>1	
	4700	SLN	Subline Item Detail	O	1		
	4800	SI	Service Characteristic Identification	O	>1		
			LOOP ID - PO1			100000	
M	0100	PO1	Baseline Item Data - Cable Connection List Query Section	M	1		n2
	0450	PAM	Period Amount	O	10		
			LOOP ID - SLN			>1	
	4700	SLN	Subline Item Detail	O	1		
	4800	SI	Service Characteristic Identification	O	>1		
			LOOP ID - PO1			100000	
M	0100	PO1	Baseline Item Data - POTS Splitter Range Query Section	M	1		n3

	1000	REF	Reference Identification	O	>1		
			LOOP ID - PO1			100000	
M	0100	PO1	Baseline Item Data - Cable Connection Range Query Section	M	1		n4
	1000	REF	Reference Identification	O	>1		

Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - CTT			1	
	0100	CTT	Transaction Totals	O	1		n5
M	0300	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

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

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

Data Element Summary

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

	Segment:	**BEG** Beginning Segment for Purchase Order

Position: 0200
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of the Purchase Order Transaction Set and transmit identifying numbers and dates
Syntax Notes:
Semantic Notes: 1   BEG05 is the date assigned by the purchaser to purchase order.
Comments:
Notes: BEG*28*IN*TXNUM(MPQ-2)**PO Date(See Trading Partner Access Information)

Data Element Summary

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

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

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
M DTM01	374	**Date/Time Qualifier**	M	ID 3/3
		Code specifying type of date or time, or both date and time		
		097 Transaction Creation		
DTM02	373	**Date**	X	DT 8/8
		Date expressed as CCYYMMDD		
		D/TSENT(MPQ-3) = 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}(MPQ-3) = 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(MPQ-5)*IQ*TXTYP(MPQ-4)
		SI*TI*S2*SEARCHTYP(MPQ-6)
		SI*TI*LS*LSO(MPQ-10)

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
M	**SI01**	**559**	**Agency Qualifier Code**	**M** **ID 2/2**
			Code identifying the agency assigning the code values	
			TI Telecommunications Industry	
M	**SI02**	**1000**	**Service Characteristics Qualifier**	**M** **AN 2/2**
			Code from an industry code list qualifying the type of service characteristics	
			IR Transaction Activity	
			LS Local Serving Office	
			S2 Search Type	
M	**SI03**	**234**	**Product/Service ID**	**M** **AN 1/48**
			Identifying number for a product or service	
			TXACT(MPQ-5) = Transaction Activity SEARCHTYP(MPQ-6) = Search Type LSO(MPQ-10) = Local Service Office	
	SI04	**1000**	**Service Characteristics Qualifier**	**X** **AN 2/2**
			Code from an industry code list qualifying the type of service characteristics	
			IQ Inquiry Type	
	SI05	**234**	**Product/Service ID**	**X** **AN 1/48**
			Identifying number for a product or service	
			TXTYP(MPQ-4) = Transaction Type	

Segment:	**PID** Product/Item Description
Position:	1900
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	200
Purpose:	To describe a product or process in coded or free-form format
Syntax Notes:	1 If PID04 is present, then PID03 is required.
	2 At least one of PID04 or PID05 is required.
	3 If PID07 is present, then PID03 is required.
	4 If PID08 is present, then PID04 is required.
	5 If PID09 is present, then PID05 is required.
Semantic Notes:	1 Use PID03 to indicate the organization that publishes the code list being referred to.
	2 PID04 should be used for industry-specific product description codes.
	3 PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
	4 PID09 is used to identify the language being used in PID05.
Comments:	1 If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
	2 Use PID06 when necessary to refer to the product surface or layer being described in the segment.
	3 PID07 specifies the individual code list of the agency specified in PID03.
Notes:	PID*S**TI*POTSSPLITLOC***SO-RSQ*POTSSPLITLOC(MPQ-7)

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	PID01	349	**Item Description Type**	M	ID 1/1
			Code indicating the format of a description		
			S Structured (From Industry Code List)		
	PID03	559	**Agency Qualifier Code**	X	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
	PID04	751	**Product Description Code**	X	AN 1/12
			A code from an industry code list which provides specific data about a product characteristic		
			POTSSPLITLOC		
			Indicate Inside or Outside Co-Location Cage		
	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		
			POTSSPLITLOC(MPQ-7) = POTS Splitter Location		

Y = (DWS: I - Inside Co-Location Cage)
N = (DWS: O - Outside Co-Location Cage)

			Segment:	**N1** Name

Segment: **N1** Name

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

Data Element Summary

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

Segment: # PO1 Baseline Item Data - POTS Splitter List Query Section

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

Data Element Summary

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

Segment:	**PAM** Period Amount	
Position:	0450	
Loop:	PO1 Mandatory	
Level:	Detail	
Usage:	Optional	
Max Use:	10	
Purpose:	To indicate a quantity, and/or amount for an identified period	
Syntax Notes:	**1**	If any of PAM01 PAM02 or PAM03 is present, then all are required.
	2	At least one of PAM02 PAM05 or PAM14 is required.
	3	If either PAM04 or PAM05 is present, then the other is required.
	4	If either PAM06 or PAM07 is present, then the other is required.
	5	If PAM07 is present, then at least one of PAM08 or PAM09 is required.
	6	If PAM07 is present, then PAM06 is required.
	7	If PAM08 is present, then PAM07 is required.
	8	If PAM09 is present, then PAM07 is required.
	9	If PAM10 is present, then at least one of PAM11 or PAM12 is required.
	10	If PAM11 is present, then PAM10 is required.
	11	If either PAM13 or PAM14 is present, then the other is required.
Semantic Notes:	**1**	PAM10, PAM11, or PAM12 are used when two dates are required.
	2	PAM15 indicates whether the monetary amount identified in PAM05 is a net or gross value. A "Y" indicates amount is a gross value; an "N" indicates amount is a net value.
Comments:		
Notes:	PAM*01*POTSSPLITQTY(MPQ-8)*EA	

Data Element Summary

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

Segment: # 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*PLSQ*n*A*1*EA [SLN Loop repeats POTSSPLITQTY(MPQ-8) times]

Data Element Summary

Ref. Des. Attributes		Data Element	Name		
M	**SLN01**	350	**Assigned Identification**	M	**AN 1/20**

    Alphanumeric characters assigned for differentiation within a transaction set

    "PSLQ"

	SLN02	350	**Assigned Identification**	O	**AN 1/20**

    Alphanumeric characters assigned for differentiation within a transaction set

    "n" = nth assigned ID within SLN loop

M	**SLN03**	662	**Relationship Code**	M	**ID 1/1**

    Code indicating the relationship between entities

    A   Add

	SLN04	380	**Quantity**	X	**R 1/15**

    Numeric value of quantity

			1	Always One		
	SLN05	**C001**	**Composite Unit of Measure**		**X**	

To identify a composite unit of measure (See Figures Appendix for examples of use)

M		**C00101**	**355**	**Unit or Basis for Measurement Code**	**M**	**ID 2/2**

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

EA   Each

Segment: **SI** Service Characteristic Identification

Position:	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*X1*POTSSPLIT(MPQ-11)

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	SI01	559	**Agency Qualifier Code**	M	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
M	SI02	1000	**Service Characteristics Qualifier**	M	AN 2/2
			Code from an industry code list qualifying the type of service characteristics		
			X1 POTS Splitter		
M	SI03	234	**Product/Service ID**	M	AN 1/48
			Identifying number for a product or service		
			POTSSPLIT(MPQ-11) = POTS Splitter		

Segment:	**PO1** Baseline Item Data - Cable Connection List Query Section

Position: 0100
Loop: PO1   Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To specify basic and most frequently used line item data
Syntax Notes:
  1 If PO103 is present, then PO102 is required.
  2 If PO105 is present, then PO104 is required.
  3 If either PO106 or PO107 is present, then the other is required.
  4 If either PO108 or PO109 is present, then the other is required.
  5 If either PO110 or PO111 is present, then the other is required.
  6 If either PO112 or PO113 is present, then the other is required.
  7 If either PO114 or PO115 is present, then the other is required.
  8 If either PO116 or PO117 is present, then the other is required.
  9 If either PO118 or PO119 is present, then the other is required.
  10 If either PO120 or PO121 is present, then the other is required.
  11 If either PO122 or PO123 is present, then the other is required.
  12 If either PO124 or PO125 is present, then the other is required.

Semantic Notes:
Comments:
  1 See the Data Element Dictionary for a complete list of IDs.
  2 PO101 is the line item identification.
  3 PO106 through PO125 provide for ten different product/service IDs
      per each item. For example: Case, Color, Drawing No., U.P.C. No.,
      ISBN No., Model No., or SKU.

Notes: PO1*n*1*EA***ZZ*CCLQ [PO1 Loop will be used if SEARCHTYP(MPQ-6) = "C"]

Data Element Summary

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

	Segment:	**PAM** Period Amount
	Position:	0450
	Loop:	PO1 Mandatory
	Level:	Detail
	Usage:	Optional
	Max Use:	10
	Purpose:	To indicate a quantity, and/or amount for an identified period
	Syntax Notes:	1 If any of PAM01 PAM02 or PAM03 is present, then all are required.
		2 At least one of PAM02 PAM05 or PAM14 is required.
		3 If either PAM04 or PAM05 is present, then the other is required.
		4 If either PAM06 or PAM07 is present, then the other is required.
		5 If PAM07 is present, then at least one of PAM08 or PAM09 is required.
		6 If PAM07 is present, then PAM06 is required.
		7 If PAM08 is present, then PAM07 is required.
		8 If PAM09 is present, then PAM07 is required.
		9 If PAM10 is present, then at least one of PAM11 or PAM12 is required.
		10 If PAM11 is present, then PAM10 is required.
		11 If either PAM13 or PAM14 is present, then the other is required.
	Semantic Notes:	1 PAM10, PAM11, or PAM12 are used when two dates are required.
		2 PAM15 indicates whether the monetary amount identified in PAM05 is a net or gross value. A "Y" indicates amount is a gross value; an "N" indicates amount is a net value.
	Comments:	
	Notes:	PAM*99*CABCONNQTY(MPQ-9)*EA

Data Element Summary

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

Segment: # 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*CCLQ*n*A*1*EA [SLN Loop repeats CABCONNQTY(MPQ-9) times]

Data Element Summary

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

			1	Always One		
	SLN05	**C001**	**Composite Unit of Measure**		**X**	

To identify a composite unit of measure (See Figures Appendix for examples of use)

M	**C00101**	**355**	**Unit or Basis for Measurement Code**	**M**	**ID 2/2**

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

    EA   Each

	Segment:	**SI** Service Characteristic Identification			

Position: 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*X2*CABCONN(MPQ-12)

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	SI01	559	**Agency Qualifier Code**	M	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
M	SI02	1000	**Service Characteristics Qualifier**	M	AN 2/2
			Code from an industry code list qualifying the type of service characteristics		
			X2 Cable Connection Point Inside Co-Location Cage		
M	SI03	234	**Product/Service ID**	M	AN 1/48
			Identifying number for a product or service		
			CABCONN(MPQ-12) = Cable Connection		

Segment: # PO1 Baseline Item Data - POTS Splitter Range Query Section

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

Data Element Summary

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

		Segment:	**REF** Reference Identification

Position: 1000
Loop: PO1   Mandatory
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify identifying information
Syntax Notes:
  1 At least one of REF02 or REF03 is required.
  2 If either C04003 or C04004 is present, then the other is required.
  3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:
  1 REF04 contains data relating to the value cited in REF02.
Comments:
Notes:
  REF*BG*LOPOTSSPLIT(MPQ-13)
  REF*EG*HIPOTSSPLIT(MPQ-14)

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
M **REF01**	**128**	**Reference Identification Qualifier**	**M**	**ID 2/3**
		Code qualifying the Reference Identification		
		BG Beginning Serial Number		
		EG Ending Serial Number		
REF02	**127**	**Reference Identification**	**X**	**AN 1/30**
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
		LOPOTSSPLIT(MPQ-13) = Low POTS Splitter		
		HIPOTSSPLIT(MPQ-14) = High POTS Splitter		

Segment:	**PO1** Baseline Item Data - Cable Connection Range Query

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

Data Element Summary

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

Segment: # REF Reference Identification

Position: 1000
Loop: PO1   Mandatory
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify identifying information
Syntax Notes:
  1   At least one of REF02 or REF03 is required.
  2   If either C04003 or C04004 is present, then the other is required.
  3   If either C04005 or C04006 is present, then the other is required.
Semantic Notes:
  1   REF04 contains data relating to the value cited in REF02.
Comments:
Notes:
REF*BMM**LOCABCONN(MPQ-15)
REF*EMM**HICABCONN(MPQ-16)

Data Element Summary

Ref. Des. Attributes	Ref. Des.	Data Element	Name		
M	REF01	128	**Reference Identification Qualifier**	M	ID 2/3
			Code qualifying the Reference Identification		
			BMM Begin Mile Marker		
			EMM End Mile Marker		
	REF03	352	**Description**	X	AN 1/80
			A free-form description to clarify the related data elements and their content		
			LOCABCONN(MPQ-15) = Low Cable Connection		
			HICABCONN(MPQ-16) = High Cable Connection		

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

	Segment:	**SE** Transaction Set Trailer			

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

Data Element Summary

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

12.6.2 855 Meet Point Validation Response (855MP)

Functional Group ID=PR

Introduction:

The 855MP will be used by Qwest to respond to a Meet Point Validation 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 Meet Point Validation 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		
	1500	DTM	Date/Time Reference	O	10		
	1850	SI	Service Characteristic Identification	O	>1		
	1900	PID	Product/Item Description	O	200		
	LOOP ID - N1					200	
	3000	N1	Name	O	1		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
	LOOP ID - PO1					100000	
	0100	PO1	Baseline Item Data - Error Section	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 Splitter Section	O	1		n2
	0450	PAM	Period Amount	O	10		
	LOOP ID - ACK					104	
	2700	ACK	Line Item Acknowledgment	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		
5650	MTX	Text	O	>1		
		LOOP ID - PO1			100000	
0100	PO1	Baseline Item Data - Cable Connection Section	O	1		n3
0450	PAM	Period Amount	O	10		
		LOOP ID - ACK			104	
2700	ACK	Line Item Acknowledgment	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		
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		n4
M	0300	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. PO102 is required.
2. PO102 is required.
3. PO102 is required.
4. 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. Attributes	Data Element	Name		
M ST01	143	**Transaction Set Identifier Code**	M	**ID 3/3**
		Code uniquely identifying a Transaction Set		
		855 Purchase Order Acknowledgment		
M ST02	329	**Transaction Set Control Number**	M	**AN 4/9**
		Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set		

Segment: # 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(MPR-2)*PO Date(See Trading Partner Access Information)

Data Element Summary

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

		Segment:	**DTM** Date/Time Reference

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

Data Element Summary

Attributes	Ref. Des.	Data Element	Name		
M	DTM01	374	**Date/Time Qualifier**	M	ID 3/3
			Code specifying type of date or time, or both date and time		
			097 Transaction Creation		
	DTM02	373	**Date**	X	DT 8/8
			Date expressed as CCYYMMDD		
			D/TSENT(MPR-3) = 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}(MPR-3) = 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(MPR-5)*IQ*TXTYP(MPR-4)
		SI*TI*S2*SEARCHTYP(MPR-7)
		SI*TI*LS*LSO(MPR-11)

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	SI01	559	**Agency Qualifier Code**	M	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
M	SI02	1000	**Service Characteristics Qualifier**	M	AN 2/2
			Code from an industry code list qualifying the type of service characteristics		
			IR Transaction Activity		
			LS Local Serving Office		
			S2 Search Type		
M	SI03	234	**Product/Service ID**	M	AN 1/48
			Identifying number for a product or service		
			TXACT(MPR-5) = Transaction Activity SEARCHTYP(MPR-7) = Type of Search LSO(MPR-11) = Local Service Office		
	SI04	1000	**Service Characteristics Qualifier**	X	AN 2/2
			Code from an industry code list qualifying the type of service characteristics		
			IQ Inquiry Type		
	SI05	234	**Product/Service ID**	X	AN 1/48
			Identifying number for a product or service		
			TXTYP(MPR-4) = Transaction Type		

	Segment:	**PID** Product/Item Description

Position: 1900
Loop:
Level: Heading
Usage: Optional
Max Use: 200
Purpose: To describe a product or process in coded or free-form format
Syntax Notes:
1 If PID04 is present, then PID03 is required.
2 At least one of PID04 or PID05 is required.
3 If PID07 is present, then PID03 is required.
4 If PID08 is present, then PID04 is required.
5 If PID09 is present, then PID05 is required.

Semantic Notes:
1 Use PID03 to indicate the organization that publishes the code list being referred to.
2 PID04 should be used for industry-specific product description codes.
3 PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
4 PID09 is used to identify the language being used in PID05.

Comments:
1 If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
2 Use PID06 when necessary to refer to the product surface or layer being described in the segment.
3 PID07 specifies the individual code list of the agency specified in PID03.

Notes: PID*S**TI*POTSSPLITLOC***SO-RSQ*POTSSPLITLOC(MPR-8)

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		
			POTSSPLITLOC		
			Indicates Inside or Outside Co-Location Cage		
	PID07	822	**Source Subqualifier**	O	AN 1/15
			A reference that indicates the table or text maintained by the Source Qualifier		
			SO-RSQ Service Order - Reseller Questions		
	PID08	1073	**Yes/No Condition or Response Code**	O	ID 1/1
			Code indicating a Yes or No condition or response		
			POTSSPLITLOC(MPR-8) = POTS Splitter Location		

N = (DWS: O - Outside Co-Location Cage)
Y = (DWS: I - Inside Co-Location Cage)

	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(MPR-1)	

Data Element Summary

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

	PO1 Baseline Item Data - Error Section
Segment:	
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 will be used if RESPONSE(MPR-6) = "B"]

Data Element Summary

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

	Segment:	**ACK** Line Item Acknowledgment

Position: 2700
Loop: ACK   Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To acknowledge the ordered quantities and specify the ready date for a specific line item
Syntax Notes:
1 If either ACK02 or ACK03 is present, then the other is required.
2 If ACK04 is present, then ACK05 is required.
3 If either ACK07 or ACK08 is present, then the other is required.
4 If either ACK09 or ACK10 is present, then the other is required.
5 If either ACK11 or ACK12 is present, then the other is required.
6 If either ACK13 or ACK14 is present, then the other is required.
7 If either ACK15 or ACK16 is present, then the other is required.
8 If either ACK17 or ACK18 is present, then the other is required.
9 If either ACK19 or ACK20 is present, then the other is required.
10 If either ACK21 or ACK22 is present, then the other is required.
11 If either ACK23 or ACK24 is present, then the other is required.
12 If either ACK25 or ACK26 is present, then the other is required.
13 If either ACK27 or ACK28 is present, then the other is required.
14 If ACK28 is present, then both ACK27 and ACK29 are required.

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

Comments:
Notes: ACK*IR*************************TI*MEETPOINT* RESPONSE(MPR-6)

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
M ACK01	668	**Line Item Status Code**	M	**ID 2/2**
		Code specifying the action taken by the seller on a line item requested by the buyer		
		IR Item Rejected		
ACK27	559	**Agency Qualifier Code**	X	**ID 2/2**
		Code identifying the agency assigning the code values		
		TI Telecommunications Industry		
ACK28	822	**Source Subqualifier**	X	**AN 1/15**
		A reference that indicates the table or text maintained by the Source Qualifier		
		"MEETPOINT"		
ACK29	1271	**Industry Code**	X	**AN 1/30**
		Code indicating a code from a specific industry code list		
		RESPONSE(MPR-6) = Response		

	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(MPR-18)*EA

Data Element Summary

	Ref. Des. Attributes	Data Element	Name			
M	QTY01	673	**Quantity Qualifier**		M	ID 2/2
			Code specifying the type of quantity			
			03	Discreet Quantity - Rejected Material		
	QTY02	380	**Quantity**		X	R 1/15
			Numeric value of quantity			
			ERRNUM(MPR-18) = 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(MPR-19)*ERR [N9 loop repeats ERRNUM(MPR-18) times]

Data Element Summary

Ref. Des. Attributes	Data Element	Name			
M	N901	128	**Reference Identification Qualifier**	M	**ID 2/3**
			Code qualifying the Reference Identification		
		1Q	Error Identification Code		
			Qualifies a single number that describes an error found in application-level data		
	N902	127	**Reference Identification**	X	**AN 1/30**
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
			ERRCODE(MPR-19) = Error Code		
	N903	369	**Free-form Description**	X	**AN 1/45**
			Free-form descriptive text		
			"ERR"		

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(MPR-20)

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
MTX02	1551	Message Text	X	AN 1/4096
		To transmit large volumes of message text		
		ERRMESG(MPR-20) = Error Message		

Segment: # PO1 Baseline Item Data - POTS Splitter Section

Position:	0100
Loop:	PO1 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify basic and most frequently used line item data

Syntax Notes:

  1   If PO103 is present, then PO102 is required.
  2   If PO105 is present, then PO104 is required.
  3   If either PO106 or PO107 is present, then the other is required.
  4   If either PO108 or PO109 is present, then the other is required.
  5   If either PO110 or PO111 is present, then the other is required.
  6   If either PO112 or PO113 is present, then the other is required.
  7   If either PO114 or PO115 is present, then the other is required.
  8   If either PO116 or PO117 is present, then the other is required.
  9   If either PO118 or PO119 is present, then the other is required.
 10   If either PO120 or PO121 is present, then the other is required.
 11   If either PO122 or PO123 is present, then the other is required.
 12   If either PO124 or PO125 is present, then the other is required.

Semantic Notes:

Comments:

  1   See the Data Element Dictionary for a complete list of IDs.
  2   PO101 is the line item identification.
  3   PO106 through PO125 provide for ten different product/service IDs per each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Notes: PO1*n*1*EA***ZZ*PSS   [PO1 will be used if RESPONSE(MPR-6) = "G" and POTSSPLITLOC(MPR-8) = "O"]

Data Element Summary

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

Segment:	**PAM** Period Amount				

Position:	0450
Loop:	PO1 Optional
Level:	Detail
Usage:	Optional
Max Use:	10
Purpose:	To indicate a quantity, and/or amount for an identified period
Syntax Notes:	**1** If any of PAM01 PAM02 or PAM03 is present, then all are required.
	2 At least one of PAM02 PAM05 or PAM14 is required.
	3 If either PAM04 or PAM05 is present, then the other is required.
	4 If either PAM06 or PAM07 is present, then the other is required.
	5 If PAM07 is present, then at least one of PAM08 or PAM09 is required.
	6 If PAM07 is present, then PAM06 is required.
	7 If PAM08 is present, then PAM07 is required.
	8 If PAM09 is present, then PAM07 is required.
	9 If PAM10 is present, then at least one of PAM11 or PAM12 is required.
	10 If PAM11 is present, then PAM10 is required.
	11 If either PAM13 or PAM14 is present, then the other is required.
Semantic Notes:	**1** PAM10, PAM11, or PAM12 are used when two dates are required.
	2 PAM15 indicates whether the monetary amount identified in PAM05 is a net or gross value. A "Y" indicates amount is a gross value; an "N" indicates amount is a net value.
Comments:	
Notes:	PAM*V2*POTSSPLITNUM(MPR-9)*EA

Data Element Summary

Ref. Des. Attributes	Data Element	Name			
PAM01	673	**Quantity Qualifier**		X	ID 2/2
		Code specifying the type of quantity			
		V2 Available Quantity			
PAM02	380	**Quantity**		X	R 1/15
		Numeric value of quantity			
		POTSSPLITNUM(MPR-9) = POTS Split Facilities			
PAM03	C001	**Composite Unit of Measure**		X	
		To identify a composite unit of measure (See Figures Appendix for examples of use)			
M C00101	355	**Unit or Basis for Measurement Code**		M	ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
		EA Each			

Segment: **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 ACK 22 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*MEETPOINT* RESPONSE(MPR-6)

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	ACK01	668	**Line Item Status Code**	M	ID 2/2
			Code specifying the action taken by the seller on a line item requested by the buyer		
			IA Item Accepted		
	ACK27	559	**Agency Qualifier Code**	X	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
	ACK28	822	**Source Subqualifier**	X	AN 1/15
			A reference that indicates the table or text maintained by the Source Qualifier		
			"MEETPOINT"		
	ACK29	1271	**Industry Code**	X	AN 1/30
			Code indicating a code from a specific industry code list		
			RESPONSE(MPR-6) = Response		

	Segment:	**SLN** Subline Item Detail				

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*PSS*n*A*1*EA [SLN loop repeats POTSSPLITNUM(MPR-9) times]

Data Element Summary

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

			1	Always One		
	SLN05	**C001**	**Composite Unit of Measure**		**X**	

To identify a composite unit of measure (See Figures Appendix for examples of use)

M	**C00101**	**355**	**Unit or Basis for Measurement Code**	**M**	**ID 2/2**

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

   EA   Each

Segment: **SI** Service Characteristic Identification

Position:	5000
Loop:	SLN Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.
	2 If either SI06 or SI07 is present, then the other is required.
	3 If either SI08 or SI09 is present, then the other is required.
	4 If either SI10 or SI11 is present, then the other is required.
	5 If either SI12 or SI13 is present, then the other is required.
	6 If either SI14 or SI15 is present, then the other is required.
	7 If either SI16 or SI17 is present, then the other is required.
	8 If either SI18 or SI19 is present, then the other is required.
	9 If either SI20 or SI21 is present, then the other is required.
Semantic Notes:	
Comments:	1 SI01 defines the source for each of the service characteristics qualifiers.
Notes:	SI*TI*KR*INVSTAT(MPR-13)
	SI*TI*X1*POTSSPLIT(MPR-12)

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	SI01	559	**Agency Qualifier Code**	M	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
M	SI02	1000	**Service Characteristics Qualifier**	M	AN 2/2
			Code from an industry code list qualifying the type of service characteristics		
			KR Inventory Status		
			X1 POTS Splitter		
M	SI03	234	**Product/Service ID**	M	AN 1/48
			Identifying number for a product or service		
			INVSTAT(MPR-13) = Inventory Status		
			POTSSPLIT(MPR-12) = POTS Splitter		

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*KK*INVMSG

Data Element Summary

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

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**INVMSG(MPR-14)

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
MTX02	1551	**Message Text**	X	**AN 1/4096**
		To transmit large volumes of message text		
		INVMSG(MPR-14) = Inventory Message		

Segment:	**PO1** Baseline Item Data - Cable Connection Section			

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

Data Element Summary

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

	Segment:	**PAM** Period Amount

Position: 0450
Loop: PO1   Optional
Level: Detail
Usage: Optional
Max Use: 10
Purpose: To indicate a quantity, and/or amount for an identified period
Syntax Notes:
1   If any of PAM01 PAM02 or PAM03 is present, then all are required.
2   At least one of PAM02 PAM05 or PAM14 is required.
3   If either PAM04 or PAM05 is present, then the other is required.
4   If either PAM06 or PAM07 is present, then the other is required.
5   If PAM07 is present, then at least one of PAM08 or PAM09 is required.
6   If PAM07 is present, then PAM06 is required.
7   If PAM08 is present, then PAM07 is required.
8   If PAM09 is present, then PAM07 is required.
9   If PAM10 is present, then at least one of PAM11 or PAM12 is required.
10   If PAM11 is present, then PAM10 is required.
11   If either PAM13 or PAM14 is present, then the other is required.
Semantic Notes:
1   PAM10, PAM11, or PAM12 are used when two dates are required.
2   PAM15 indicates whether the monetary amount identified in PAM05 is a net or gross value. A "Y" indicates amount is a gross value; an "N" indicates amount is a net value.
Comments:
Notes: PAM*V3*CABCONNNUM(MPR-10)*EA

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
PAM01	673	**Quantity Qualifier**	X	**ID 2/2**
		Code specifying the type of quantity		
		V3 Transfer Quantity		
PAM02	380	**Quantity**	X	**R 1/15**
		Numeric value of quantity		
		CABCONNNUM(MPR-10) = Number of Cable Connection Facilities		
PAM03	C001	**Composite Unit of Measure**	X	
		To identify a composite unit of measure (See Figures Appendix for examples of use)		
M **C00101**	355	**Unit or Basis for Measurement Code**	M	**ID 2/2**
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
		EA Each		

Segment:	**ACK** Line Item Acknowledgment				

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*MEETPOINT* RESPONSE(MPR-6)

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
M **ACK01**	**668**	**Line Item Status Code**	**M**	**ID 2/2**
		Code specifying the action taken by the seller on a line item requested by the buyer		
		IA Item Accepted		
ACK27	**559**	**Agency Qualifier Code**	**X**	**ID 2/2**
		Code identifying the agency assigning the code values		
		TI Telecommunications Industry		
ACK28	**822**	**Source Subqualifier**	**X**	**AN 1/15**
		A reference that indicates the table or text maintained by the Source Qualifier		
		"MEETPOINT"		
ACK29	**1271**	**Industry Code**	**X**	**AN 1/30**
		Code indicating a code from a specific industry code list		
		RESPONSE(MPR-6) = Response		

	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*CCS*n*A*1*EA [SLN loop repeats CABCONNNUM(MPR-10) times]

Data Element Summary

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

			1	Always One		
	SLN05	**C001**	**Composite Unit of Measure**		**X**	

To identify a composite unit of measure (See Figures Appendix for examples of use)

M	**C00101**	**355**	**Unit or Basis for Measurement Code**		**M**	**ID 2/2**

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

   EA   Each

Segment: # SI Service Characteristic Identification

Position: 5000
Loop: SLN   Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify service characteristic data
Syntax Notes:
1. If either SI04 or SI05 is present, then the other is required.
2. If either SI06 or SI07 is present, then the other is required.
3. If either SI08 or SI09 is present, then the other is required.
4. If either SI10 or SI11 is present, then the other is required.
5. If either SI12 or SI13 is present, then the other is required.
6. If either SI14 or SI15 is present, then the other is required.
7. If either SI16 or SI17 is present, then the other is required.
8. If either SI18 or SI19 is present, then the other is required.
9. If either SI20 or SI21 is present, then the other is required.

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

Notes:
SI*TI*KR*INVSTAT(MPR-16)
SI*TI*X2*CABCONN(MPR-15)

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
M SI01	559	**Agency Qualifier Code**	M	ID 2/2
		Code identifying the agency assigning the code values		
		TI Telecommunications Industry		
M SI02	1000	**Service Characteristics Qualifier**	M	AN 2/2
		Code from an industry code list qualifying the type of service characteristics		
		KR Inventory Status		
		X2 Cable Connection Inside the Co-Location Cage		
M SI03	234	**Product/Service ID**	M	AN 1/48
		Identifying number for a product or service		
		INVSTAT(MPR-16) = Inventory Status		
		CABCONN(MPR-15) = Cable Connection		

	Segment:	**N9** Reference Identification

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*KK*INVMSG

Data Element Summary

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

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**INVMSG(MPR-17)	

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
MTX02	1551	Message Text	X	AN 1/4096
		To transmit large volumes of message text		
		INVMSG(MPR-17) = Inventory Message		

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

	Segment:	**SE** Transaction Set Trailer

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

Data Element Summary

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