Local Number Portability Transaction Cycle Table of Contents

17. Local	I Number Portability (LNP) Order Submittal2	
17.1 B	Business Description	2
17.2 B	Business Model	5
17.3 D	Developer Worksheets	6
17.4 T	rading Partner Access Information	7
17.4.1	1 OVERVIEW: Qwest Specific Functional Group Envelope - Routing Information	7
	2 ISA TABLE INFORMATION	
17.4.3	3 GS TABLE INFORMATION	.10
17.4.4	4 MAPPING EXAMPLE AND DATA DICTIONARY ITEMS	.12
17.5 N	lapping Examples	.14
	1 850 Local Number Portability Service Request (850LNP) – Version 4020	
17.5.2	2 860 Local Number Portability Supplemental Service Request (860LNP) - Version 4020	.17
17.6 D	DATA DICTIONARY	.18
17.6.1	1 850 Local Number Portability Service Request (850LNP)	.18
17.6.2	2 860 Local Number Portability Supplemental Service Request (860LNP)	.70

17. Local Number Portability (LNP) Order Submittal

17.1 Business Description

Local Number Portability Service involves transferring a telephone number to a CLEC so that the end customer does not have to incur a telephone number change when moving to a CLEC's facilities. Quest will disconnect the existing telephone service provided to the customer.

Number Portability can be achieved in two ways:

- 1. Interim Number Portability (INP)
- 2. Local Number Portability (LNP) allows an end-customer to elect to transfer his/her existing telephone service from Qwest to a CLEC while retaining the telephone number. The telephone number will be removed from the Qwest switching equipment, and will be ported to the CLEC's switching equipment.

The following forms will be used between Qwest and the CLEC for Local Number Portability ordering purposes:

- LSR Local Service Request
- EU End User Information
- NP Number Portability

The following Order Activity Matrices define the available Order and Line Activities for Local Number Portability:

REQ TYPE	ACT	Definition	Application	LNA	Forms required
СВ	Ν	New Installation	Not Allowed	Not Allowed	
	D	Disconnect	Not Allowed	Not Allowed	
	W	Conversion As Is	Not Allowed	Not Allowed	
	V	Conversion As Specified	An ACT entry of V will discontinue the Listing(s) associated with the Port Activity (all listings are removed)	V, D	LSR, EU, NP
	Z	Conversion As Specified, No Directory Listing	An ACT entry of Z will retain the current Listing(s).	V, D	LSR, EU, NP
	С	Change	Not Allowed	Not Allowed	

Order Activity Definition

Т	Outside Move	Not Allowed	Not Allowed	
L	Seasonal Suspend	Not Allowed	Not Allowed	
Y	Deny	Not Allowed	Not Allowed	
В	Restore	Not Allowed	Not Allowed	
R	Record	Not Allowed	Not Allowed	
М	Inside Move	Not Allowed	Not Allowed	

Line Activities

LNA	Definition	Application
D	Line Disconnect.	Used to disconnect end users numbers as opposed to porting them.
V	Line Conversion As Specified	Porting of a telephone number to the CLEC where all attributes of the service are specified.
All other LNA		Not Allowed

17.2 Business Model

See Appendix H

17.3 Developer Worksheets

See Appendices B and C - Developer Worksheets - Order

ORDERING FUNCTION	PRODUCT ID
Local Number Portability Service Request	850LNP
Local Number Portability Supplemental	860LNP
Status Update – Auto Push	855SU
Firm Order Confirmation	855FOC
Firm Order Confirmation on Supplemental	865FOC
Non Fatal Error Response	855NF
Non Fatal Error Response on Supplemental	865NF
Fatal Error Response	855FATAL
Fatal Error Response on Supplemental	865FATAL
Jeopardy	865JEOP
Completion	865COMP

17.4 Trading Partner Access Information

Order Submittal

The process begins with an EDI Trading Partner Access Information between Qwest and the Co-Provider.

The order request is transmitted by the Co-Provider via the EDI 850/860 format. Qwest will translate and forward the data to the internal application system. The request may activate the following responses:

- <u>Firm Order Confirmation (FOC)</u> an indicator to the Co-Provider that the order has been accepted and successfully entered into the Qwest Service Order Processor systems.
- <u>Order Completion</u> notification returned to the Co-Provider when a service request is completed.
- <u>Error/Jeopardy Notification</u> notification to the Co-Provider of Fatal and/or Non-Fatal errors, detected either manually or by the system. Fatal errors prevent the order from processing. Non-Fatal errors occur after the order has successfully processed through the IMA system. Jeopardy Notification will be issued if Qwest has a problem meeting the commitment on the local service request.

17.4.1 OVERVIEW: Qwest Specific Functional Group Envelope - Routing Information

Separate maps have been created per ordering function. EDI envelopes are used to initiate 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.

17.4.2 ISA TABLE INFORMATION

ANSI X12 ISA and IEA definitions:

- The ISA segment is the Interchange Control Header. Purpose: To start and to 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.

	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	'QWESTO' (<u>Note</u> : This Trading partner ID is used only for QWEST order and post- order transactions. The "O" is the unique identifier.)		
ISA07	'ZZ' (Mutually Defined)	Co-Provider TP qualifier		
ISA08	'QWESTO' (<u>Note</u> : This Trading partner ID is used only for QWEST order and post-order transactions. The "O" is the unique identifier.)	Co-Provider TP ID		
ISA09	Date of the interchange. YYMMDD	Date of the interchange. YYMMDD		
ISA10	<i>Time of the interchange. HHMM (24 Hour Clock)</i>	<i>Time of the interchange. HHMM (24 Hour Clock)</i>		
ISA11	<i>'U'</i> (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)		

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

17.4.3 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

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

ORDERING FUNCTION	QWEST SEND/ RECEIVE	DOCUMENT	GS01 VALUE	GS02 VALUE	GS03 VALUE
Service Request	Receive	850LNP	PO	Co-Provider TP ID	LNP90
Status Update – Auto Push	Send	855SU	PR	SU90	Co-Provider TP ID
Firm Order Confirmation	Send	855FOC	PR	FOC90	Co-Provider TP ID
Non Fatal Error Response	Send	855NF	PR	NF90	Co-Provider TP ID
Fatal Error Response	Send	855FATAL	PR	FATAL90	Co-Provider TP ID
Jeopardy	Send	865JEOP	CA	JEOP90	Co-Provider TP ID
Completion	Send	865COMP	CA	COMP90	Co-Provider TP ID

Supplemental Order

Once an order has been initiated and received by Qwest the Co-Provider may submit an 860 Purchase Order Change Request to cancel, correct, or change the original order. In response to

receiving the 860 request from the Co-Provider, Qwest will transmit Functional Acknowledgments (997) and Purchase Order Change Acknowledgments (865).

GS Table (Supplemental)

ORDERING FUNCTION	Qwest SEND/ RECEIVE	DOCUMENT	GS01 VALUE	GS02 VALUE	GS03 VALUE
Supplemental	Receive	860LNP	PC	Co-Provider TP ID	LNP90
Status Update – Auto Push	Send	855SU	PR	SU90	Co-Provider TP ID
Firm Order Confirmation	Send	865FOC	CA	FOC90	Co-Provider TP ID
Non Fatal Error Response	Send	865NF	CA	NF90	Co-Provider TP ID
Fatal Error Response	Send	865FATAL	CA	FATAL90	Co-Provider TP ID
Jeopardy	Send	865JEOP	CA	JEOP90	Co-Provider TP ID
Completion	Send	865COMP	CA	COMP90	Co-Provider TP ID

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

17.4.4 MAPPING EXAMPLE AND DATA DICTIONARY ITEMS

Purchase Order (PO) Date

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

Time Code

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

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

4020 Exceptions

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

• SLN loop maximum use has been changed to >1

Delimiters

The following delimiters will be used:

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

Qwest Specific Fields

Order fields that are specific to the Qwest implementation were added to selected OBF forms and are indicated by an alpha following the field number, i.e., EU-19a (AHN). These fields are not defined in the OBF form for the corresponding LSOG issue.

Industry Standards Table:

OBF FORM	OBF ISSUE	EDI SOSC ISSUE	X12 STANDARD
End User	LSOG 5	ELMS 5	004020
Local Service Request	LSOG 5	ELMS 5	004020
Number Portability	LSOG 5	ELMS 5	004020
Status Updates			004020
Firm Order Confirmation			004020
Non Fatal Error Response			004020
Fatal Error Response			004020
Jeopardy			004020
Completion			004020

17.5 Mapping Examples

17.5.1 850 Local Number Portability Service Request (850LNP) - Version 4020

Legend of Symbols in this transaction example

Symbol/Definition	Example
{ } = Valid Format	{CCYYMMDD}
Bold/Italics = Developer's Worksheet	PON
Element	
Superscript = Developer's Worksheet Ref #	LSR-2
DWS used in this mapping example:	
LSR = Local Service Request	
EU = End User	
NP = Number Portability	
Italics = Literal	GOOD
<u>Underline</u> = Apply code conversion, used	<u>ACT</u>
with Bold/Italics Code conversion tables	
can be found in the data dictionary of this	
disclosure.	
[] = Segment notes for this line	[SI Segment repeats]
() = Element notes for this line	(This element states)
n	Counter 1n
* = Element separator in this example and	= Actual element separator in an EDI
related data dictionary.	transaction.
> = Sub-element separator in this example	non-printable characters of "0x1f" = Actual
and related data dictionary.	sub-element separator in an EDI transaction.

ST*850*TRAN SET CONTROL # BEG*00*SS* **PON**^{LSR-2}**PO Date(See Trading Partner Access Information) REF*11***AN**^{LSR-7}*AN REF*11***NAN**^{LSR-7a}*NAN REF*JB***PROJECT**^{LSR-20} REF*SU***RTR**^{SR-51}**RPON* REF*CO* **RPON**^{LSR-51}**RPON* REF*1V* **RORD**^{LSR-52}**RORD* PAM*48* **PG_of_**^{LSR-10}(1st 2 Bytes)*EA PAM*47* **PG_of_**^{LSR-10}(2nd 2 Bytes)*EA PAM*OC* **NPQTY**^{NP-5}*EA DTM*097***D**/**TSENT**{CCYYMMDD}^{LSR-12}***D**/**TSENT**{HHMM}^{LSR-12} DTM*992***TM***DFDT**{HHMM}^{LSR-19} DTM*9770*DA*TSP(COXYMMED)^{LSR-14}

DTM*992****TM*DFDT{HHMM}^{LSR-19} DTM*270*DATED{CCYYMMDD}^{LSR-36} SI*TI*RE* $REQTYP^{LSR-23}$ SI*TI*AA* ACT^{LSR-24} SI*TI*TY* TOS^{LSR-44} PID*S**TI*CONVIND***SO-RSQ* $CONVIND^{LSR-24a}$ PID*S**TI*AO***SO-RSQ* $AGAUTH^{LSR-35}$ PID*S**TI*BI***SO-RSQ* FBI^{EU-42} PID*S**TI*PENDING***SO-RSQ* $PENDING ORDER^{LSR-108b}$ N9*H7*ORI* $LNP^{***2}W>MANUAL IND^{NP-34a}$ MTX** $REMARKS^{NP-34}$ N9*H7*ORI* $LSR^{***2}W>MANUAL IND^{LSR-108a}$ MTX** $REMARKS^{LSR-108}$ N9*H7*ORI* $EU^{***2}W>MANUAL IND^{EU-63a}$

Local Number Portability (NP Form - Service Details Section)

PO1*n*1*EA***ZZ*LNP [PO1 L4 SI*TI*SA*<u>LNA</u>^{NP-10} SI*TI*IT***PORTED NBR**^{NP-15} SI*TI*IP***NPT**^{NP-18} SI*TI*T6***TC OPT**^{NP-26} PID*S**TI*BC***SO-RSQ***TDT**^{NP-13} REF*IX*LNUM^{NP-8}*LNUM DTM*376***TC PER** {CCYYMMDD}^{NP-31} SLN**TCPRI**n*A*1*EA SI*TI*TC***TC TO PRI**^{NP-27}

[PO1 Loop repeats *NPQTY*^{NP-5} times]

PO1*n*1*EA***ZZ**EU_SA* N1*IT* **NAME**^{EU-8} [PO1 Loop may repeat] N4****STATE**^{EU-25}***ZIP**^{EU-26}**RJ***CALA**^{EU-26a} NX2*01***SANO**EU-11 NX2*02***SASN**EU-14 NX2*03***SASD**EU-13 NX2*05* **BOX**EU-23c NX2*06* ROUTEEU-23b NX2*07* CITY^{EU-24} NX2*39***AHN**EU-23a NX2*40***SASS**EU-16 NX2*59***SAPR**^{EU-10} NX2*61***SASF**^{EU-12} NX2*62* **SATH**EU-15 NX2**LD1*^{EU-17}**LV1*^{EU-18} NX2**LD2*^{EU-19}**LV2*^{EU-20} NX2**LD3*^{EU-21}**LV3*^{EU-22} SI*TI*AF***AFT**^{EŪ-9}

End User Form (Location and Access Section)

MTX****REMARKS**EU-63 N1*78* CCNA LSR-1 PER*AG* INIT^{LSR-81}*TE*TEL NO^{LSR-82}*FX* FAX NO^{LSR-84}*EM*EMAIL^{LSR-83} PER*CN* IMPCONLSR-91*TE* TEL NOLSR-92 N1*BY**25* CC^{LSR-29} N1*AN***AUTHNM**LSR-37 N1*X1*BILLNM N2*SBILLNM N4**STATE^{EU-49}*ZIP^{EU-50} NX2*01***SANO**^{EU-45b} NX2*02***SASN**EU-45e NX2*03***SASD**EU-45d NX2*07* **CITY**^{EU-48} NX2*32*FLOOREU-46 NX2*35* ROOM/MAIL STOPEU-47 NX2*40***SASS**EU-45g NX2*59***SAPR**EU-45a NX2*61*SASF NX2*62***SATH**EU-45f PER*BI* **BILLCON**^{EU-51}*TE***TEL NO**^{EU-52} SI*TI*AF***AFT**^{EU-44a}

N1*TT***TC NAME**^{NP-27b} REF*55***TCID**^{NP-27a}**PRI* SLN**TCSEC**n*A*1*EA SI*TI*TC***TC TO SEC**^{NP-28} N1*TT***TC NAME**^{NP-30} REF*55***TCID**^{NP-29}*SEC

[SLN Loop may repeat]

Important Note: If none of the above PO1 Loops are applicable a "Dummy" PO1 loop is used in this format: PO1**DUMMY**1*EA***ZZ**DD*

CTT*Number of PO1 Segments SE*Number of Segments*TRAN SET CONTROL # 17.5.2 860 Local Number Portability Supplemental Service Request (860LNP) - Version 4020

The 860LNP is identical to the 850LNP with the following exceptions:

ST*860*TRAN SET CONTROL # BCH*<u>SUP</u>^{LSR-25}*SS***PON**^{LSR-2}****VER**^{LSR-3}*PO Date(See Trading Partner Access Information) POC*n*RZ*****ZZ*?? (Where ?? = EU_SA, LNP) [POC Loop may Repeat]

IMPORTANT NOTE: Dummy POC loops are not required on 860 transactions.

CTT*NUMBER OF POC SEGMENTS SE*NUMBER OF SEGMENTS*TRAN SET CONTROL #

17.6 DATA DICTIONARY

17.6.1 850 Local Number Portability Service Request (850LNP)

Functional Group ID=PO

Introduction:

The 850LNP will be used by the Co-Provider to initiate Local Number Portability service requests to Qwest.

This implementation guideline references the following:

- 1. ANSI ASC X12 Version 4020
- 2. LSOG 5 and Qwest assigned fields
- 3. TCIF/SOSC Guidelines ELMS 5

Notes:

This 850 Transaction includes the mappings for Local Service Request, End User, and Number Portability.

Heading:

	Pos. <u>No.</u>	Seg. <u>ID</u>	Name	Req. <u>Des.</u>	<u>Max.Use</u>	Loop <u>Repeat</u>	Notes and <u>Comments</u>
М	0100	ST	Transaction Set Header	М	1		
М	0200	BEG	Beginning Segment for Purchase Order	М	1		
	0500	REF	Reference Identification	0	>1		
	0950	PAM	Period Amount	0	10		
	1500	DTM	Date/Time Reference	0	10		
	1850	SI	Service Characteristic Identification	0	>1		
	1900	PID	Product/Item Description	0	200		
			LOOP ID - N9			1000	
	2950	N9	Reference Identification	0	1		
	3000	MTX	Text	0	>1		
			LOOP ID - N9			1000	
	2950	N9	Reference Identification	0	1		
	3000	MTX	Text	0	>1		
			LOOP ID - N9			1000	
	2950	N9	Reference Identification	0	1		
	3000	MTX	Text	0	>1		
			LOOP ID - N1			200	
	3100	N1	Name	0	1		
	3600	PER	Administrative Communications Contact	0	>1		
			LOOP ID - N1			200	
	3100	N1	Name	0	1		

Qwest Communications International, Inc. EDI Disclosure Document – Version 9.0

		LOOP ID - N1			200
3100	N1	Name	0	1	
		LOOP ID - N1			200
3100	N1	Name	0	1	
3200	N2	Additional Name Information	0	2	
3400	N4	Geographic Location	0	>1	
3450	NX2	Location ID Component	0	>1	
3600	PER	Administrative Communications Contact	0	>1	
3650	SI	Service Characteristic Identification	0	>1	

Detail:

	Pos. <u>No.</u>	Seg. <u>ID</u>	Name	Req. <u>Des.</u>	Max.Use	Loop <u>Repeat</u>	Notes and Comments
			LOOP ID - PO1			100000	
М	0100	PO1	Baseline Item Data - End User Form (Location and Access Section) LOOP ID - N1	М	1	200	n1
	2500	NИ		0	4	200	
	3500	N1	Name	0	1		
	3800 3850	N4 NX2	Geographic Location	0 0	1 >1		
			Location ID Component Service Characteristic Identification				
	4050	SI		0	>1		
			LOOP ID - PO1			100000	
М	0100	PO1	Baseline Item Data - Local Number Portability (NP Form - Service Details Section)	М	1		n2
	0180	SI	Service Characteristic Identification	0	>1		
			LOOP ID - PID			1000	
	0500	PID	Product/Item Description	0	1		
	1000	REF	Reference Identification	0	>1		1
	2100	DTM	Date/Time Reference	0	10		
			LOOP ID - SLN			>1	
	4700	SLN	Subline Item Detail	0	1		
	4800	SI	Service Characteristic Identification	0	>1		
			LOOP ID - N1			10	
	5350	N1	Name	0	1		
	5800	REF	Reference Identification	0	12		İİİ
			LOOP ID - SLN			>1	
	4700	SLN	Subline Item Detail	0	1		
	4800	SI	Service Characteristic Identification	0	>1		
			LOOP ID - N1			10	
	5350	N1	Name	0	1		
	5800	REF	Reference Identification	0	12		İİİ
			LOOP ID - PO1			100000	
Μ	0100	PO1	Baseline Item Data - Dummy	М	1		n3

Summary:

Qwest Communications International, Inc. EDI Disclosure Document – Version 9.0

	Pos. <u>No.</u>	Seg. <u>ID</u>	Name	Req. <u>Des</u> . <u>Max.Use</u>		Loop <u>Repeat</u>	Notes and Comments	
			LOOP ID - CTT			1		
	0100	CTT	Transaction Totals	0	1		n4	
М	0300	SE	Transaction Set Trailer	М	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: Position: Loop: Level: Usage: Max Use:	ST T 0100 Heading Mandato			
	Purpose:	•	ate the start of a transaction set and to assign a control n	umbe	er
Sema	 Syntax Notes: 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). 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. 			n	
	Comments: Notes:	ST*820*	TRAN SET CONTROL #		
	Ref. <u>Des.</u> <u>Attributes</u>	Data Element	Data Element Summary		
М	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set	М	ID 3/3
Μ	ST02	329	850Purchase OrderTransaction Set Control NumberIdentifying control number that must be unique within the functional group assigned by the originator for a transact		

S	Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: comments:	0200 Heading Mandato 1 To indica transmit 1 BEG	ate the beginning of the Purchase Order Transaction Set identifying numbers and dates 05 is the date assigned by the purchaser to purchase ord	der.	
	Notes:	BEG*00*	SS*PON (LSR-2)**PO DATE (See Trading Partner Acce	ess Ir	formation)
	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Data Element Summary <u>Name</u>		
М	BEG01	353	Transaction Set Purpose Code	М	ID 2/2
			Code identifying purpose of transaction set		
			00 Original		
М	BEG02	92	Purchase Order Type Code	Μ	ID 2/2
			Code specifying the type of Purchase Order		
			SS Supply or Service Order		
М	BEG03	324	Purchase Order Number	Μ	AN 1/22
			Identifying number for Purchase Order assigned by the orderer/purchaser		
N/1	RECOF	272	PON (LSR-2) = Purchase Order Number	м	
М	BEG05	373	Date	IVI	DT 8/8
			Date expressed as CCYYMMDD	A	
			PO Date = Purchase Order Date (See Trading Partner / Information)	Acce	55

Segment:	REF Reference Identification
Position: Loop:	0500
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To specify identifying information
Syntax Notes: Semantic Notes:	 At least one of REF02 or REF03 is required. If either C04003 or C04004 is present, then the other is required. If either C04005 or C04006 is present, then the other is required. REF04 contains data relating to the value cited in REF02.
Comments:	
Notes:	REF*11*AN (LSR-7)*AN REF*11*NAN (LSR-7a)*NAN REF*JB*PROJECT (LSR-20) REF*SU*RTR (LSR-28)*RTR REF*CO*RPON (LSR-51)*RPON REF*1V*RORD (LSR-52)*RORD

Data Element Summary

	Ref.	Data		· · · · · · · · · · · · · · · · · · ·		
	Des.	<u>Element</u>	<u>Name</u>			
	<u>Attributes</u>					
М	REF01	128	Reference Identi	fication Qualifier	М	ID 2/3
			Code qualifying th	e Reference Identification		
			11	Account Number		
				Number identifies a telecommunication	ons ii	ndustry
				account		
			1V	Related Vendor Order Number		
				A vendor's order number that is in ac	ditio	n to a
			СО	primary order number Customer Order Number		
			JB	Job (Project) Number		
			SU	Special Processing Code		
				Unique code identifying the special h	andli	ing
	DEEAA	407		requirements for the claim	v	
	REF02	127	Reference Identif		X	AN 1/30
				ation as defined for a particular Transa	ction	Set or as
			AN (LSR-7) = Acc	eference Identification Qualifier		
				New Account Number		
			```	0) = Project Identification		
				Response Type Requested		
				Related Purchase Order Number		
	REF03	352	RORD (LSR-52) = Description	Related Order Number	X	AN 1/80
	KEFU3	352	•			
			A free-form descri	ption to clarify the related data elemer	its ar	na their
			"AN"			
			"NAN"			
			"RTR"			
			"RPON"			
			"RORD"			

## PAM Derived Amount

Segment:	PAN	Period Amount					
Position: Loop:	0950						
Loop: Level: Usage: Max Use:		Heading Optional					
Purpose: Syntax Notes:							
	6 If PA 7 If PA 8 If PA	M07 is present, then PAM06 is required. M08 is present, then PAM07 is required. M09 is present, then PAM07 is required. M10 is present, then at least one of PAM11 or PAM12 i	S				
Semantic Notes:	<ul> <li>11 If eit</li> <li>1 PAN</li> <li>2 PAN</li> <li>is a 1</li> </ul>	<ol> <li>If PAM11 is present, then PAM10 is required.</li> <li>If either PAM13 or PAM14 is present, then the other is required.</li> <li>PAM10, PAM11, or PAM12 are used when two dates are required.</li> </ol>					
Comments: Notes:	PAM*48 ³ PAM*47 ³	ndicates amount is a net value. [*] PG_of_ (LSR-10) (1st 2 Bytes)*EA [*] PG_of_ (LSR-10) (2nd 2 Bytes)*EA **NPQTY (NP-5)*EA					
		Data Element Summary					
Ref. <u>Des.</u>	Data <u>Element</u>	-					
<u>Attributes</u> PAM01	673	Quantity QualifierCode specifying the type of quantity47Primary Net Quantity48Secondary Net QuantityOCOrder Count	X	ID 2/2			
PAM02	380	Quantity	Х	R 1/15			
		Numeric value of quantity					
PAM03	C001	First 2 bytes of PG_of_ (LSR-10) Second 2 bytes of PG_of_ (LSR-10) NPQTY (NP-5) = Number Portability Quantity <b>Composite Unit of Measure</b>	X				
		To identify a composite unit of measure (See Figures A	\pper	ndix for			
A C00101	355	examples of use) Unit or Basis for Measurement Code	М	ID 2/2			
		Code specifying the units in which a value is being exp manner in which a measurement has been taken	resse	d, or			

manner in which a measurement has been taken ΕA Each

Μ

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	<pre>DTM Date/Time Reference 1500 Heading Optional 10 To specify pertinent dates and times 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. DTM*097*D/TSENT{CCYYMMDD} (LSR-12)*D/TSENT{HHMM} (LSR-12) DTM*150*DDD{CCYYMMDD} (LSR-14) DTM*992****TM*DFDT{HHMM} (LSR-19) DTM*270*DATED{CCYYMMDD} (LSR-36)</pre>				
		Data Eleme	ent Summary		
Ref.	Data				
<u>Des.</u> <u>Attributes</u>	<u>Element</u>	<u>Name</u>			
I DTM01	374	Date/Time Qu	ualifier	м	ID 3/3
DTMO2	070	097 150 270 992	ng type of date or time, or bot Transaction Creation Service Period Start Date Filed Date Requested		
DTM02	373	Date ovproses		X	DT 8/8
		D/TSENT (LSI DDD (LSR-14)	ed as CCYYMMDD R-12) = Date Sent ) = Desired Due Date 36) = Date of Agency Author	ization	
DTM03	337	Time		Х	TM 4/8
		or HHMMSSD (00-59), S = in decimal secon hundredths (00 D/TSENT{HHM	MM} (LSR-12) = Time Sent	hours (00-23), M DD = decimal seco D = tenths (0-9) a	= minutes onds; and DD =
DTM05	1250		eriod Format Qualifier	X At or data and time	ID 2/3
		ТМ	g the date format, time format Time Expressed in Form Time expressed in the f the numerical expressio on a twenty-four hour cl expression of minutes w	nat HHMM format HHMM whe on of hours in the ock and MM is the	ere HH is day based
DTM06	1251	Date Time Pe		X	AN 1/35
		times	a date, a time, or range of da } (LSR-19) = Desired Frame		es and

Μ

Segment:	S 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.
	<b>3</b> 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*RE*REQTYP (LSR-23)
	SI*TI*AA*ACT (LSR-24)
	SI*TI*TY*TOS (LSR-44)

#### Data Element Summary

	Ref.	Data				
	Des.	Element	<u>Name</u>			
	<u>Attributes</u>					
М	SI01	559	Agency Qualifier	^r Code	Μ	ID 2/2
			Code identifying t	he agency assigning the code values		
			ТІ	Telecommunications Industry		
Μ	SI02	1000	Service Characte	eristics Qualifier	Μ	AN 2/2
			Code from an ind characteristics	ustry code list qualifying the type of se	ervice	
			AA	Account Activity		
			RE	Requisition Type		
			TY	Type of Service		
Μ	SI03	234	Product/Service	ID	М	AN 1/48
			Identifying numbe	er for a product or service		
			ACT (LSR-24) = Activity V= (DWS: V = Conversion as specified) Z= (DWS: Z = Total Conversion as Spec/no listing)			
			TOS (LSR-44) $=$	Type of Service		
			<b>REQTYP</b> (LSR-23	3) = Requisition Type and Status		

Segment:	PID Product/Item Description
Position: Loop:	1900
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.
	<b>3</b> 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:	<ol> <li>Use PID03 to indicate the organization that publishes the code list being referred to.</li> </ol>
	2 PID04 should be used for industry-specific product description
	codes.
	<b>3</b> 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.
Comments:	<ul> <li>4 PID09 is used to identify the language being used in PID05.</li> <li>1 If PID01 equals "F", then PID05 is used. If PID01 equals "S", then</li> </ul>
comments.	PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
	<ul><li>2 Use PID06 when necessary to refer to the product surface or layer</li></ul>
	being described in the segment.
	<ul><li>3 PID07 specifies the individual code list of the agency specified in</li></ul>
	PID03.
Notes:	PID*S**TI*CONVIND***SO-RSQ*CONVIND (LSR-24a)
	PID*S**TI*AO***SO-RSQ*AGAUTH (LSR-35)
	PID*S**TI*BI***SO-RSQ*FBI (EU-42)
	PID*S**TI*PENDING***SO-RSQ*PENDING ORDER (LSR-108b)

#### **Data Element Summary**

			Data Element	Summary		
	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>			
М	PID01	349	Item Description	п Туре	М	ID 1/1
			Code indicating t	he format of a description		
			S	Structured (From Industry Code List	)	
	PID03	559	Agency Qualifie	r Code	Χ	ID 2/2
			Code identifying	the agency assigning the code values		
			ТΙ	Telecommunications Industry		
	PID04	751	Product Descrip	otion Code	Х	AN 1/12
	PID04	751	•	ndustry code list which provides specifi		-
	PID04	751	A code from an i	ndustry code list which provides specifi		-
	PID04	751	A code from an in product characte	ndustry code list which provides specifi ristic		-
	PID04	751	A code from an in product characte AO	ndustry code list which provides specifi ristic Agency Authorization Status		-
	PID04	751	A code from an in product characte AO BI	ndustry code list which provides specifi ristic Agency Authorization Status Final Bill Information Indicator		-
	PID04 PID07	751 822	A code from an in product characte AO BI CONVIND	ndustry code list which provides specifi ristic Agency Authorization Status Final Bill Information Indicator Conversion Indicator Pending Order		-

PID08	1073	QualifierSO-RSQService Order - Reseller Questions listYes/No Condition or Response CodeOID 1/1Code indicating a Yes or No condition or response
		CONVIND (LSR-24a) = Conversion Indicator Y= (DWS: F - Full) N= (DWS: P - Partial)
		FBI (EU-42) = Final Bill Information Indicator Y= (DWS: D - Different) N= (DWS: E - Existing (Default))
		AGAUTH (LSR-35) = Agency Authorization Status PENDING ORDER (LSR-108b) - Pending Order Indicator

Segment:	N9 Reference Identification
Position:	2950
Loop:	N9 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To transmit identifying information as specified by the Reference Identification Qualifier
Syntax Notes:	<ol> <li>At least one of N902 or N903 is required.</li> <li>If N906 is present, then N905 is required.</li> <li>If either C04003 or C04004 is present, then the other is required.</li> <li>If either C04005 or C04006 is present, then the other is required.</li> </ol>
Semantic Notes:	<ol> <li>N906 reflects the time zone which the time reflects.</li> <li>N907 contains data relating to the value cited in N902.</li> </ol>
Comments:	, and the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second s
Notes:	N9*H7*ORI*LNP****2W>MANUAL IND (NP-34a)
Ref.	Data Element Summary Data
Des.	Element Name

	Des.	Element	<u>name</u>		
	<u>Attributes</u>				
М	N901	128	Reference Identification Qualifier	Μ	ID 2/3
			Code qualifying the Reference Identification		
			H7 Standard Clause		
	N902	127	Reference Identification	Х	AN 1/30
			Reference information as defined for a particular Transa specified by the Reference Identification Qualifier ORI Order Instructions	ction	Set or as
	N903	369	Free-form Description	Х	AN 1/45
			Free-form descriptive text		
			"LNP"		
	N907	C040	Reference Identifier	0	
			To identify one or more reference numbers or identificat specified by the Reference Qualifier	ion n	umbers as
М	C04001	128	Reference Identification Qualifier	Μ	ID 2/3
			Code qualifying the Reference Identification		
			2W Change Order Authority		
М	C04002	127	Reference Identification	Μ	AN 1/30
			Reference information as defined for a particular Transa specified by the Reference Identification Qualifier	ction	Set or as
			MANUAL IND (NP-34a) = Manual Indicator		

Segment:	MTX Text		
Position:	3000		
Loop:	N9 Optional		
Level:	Heading		
Usage:	Optional		
Max Use:	>1		
Purpose:	To specify textual data		
Syntax Notes:	<ol> <li>If MTX01 is present, then MTX02 is required.</li> </ol>		
	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	) prir	nt",
	then MTX05 is required.		
Notes:	MTX**REMARKS (NP-34)		
	Data Element Summary		
Ref.	Data		
Des.	<u>Element</u> <u>Name</u>		
<u>Attributes</u>			
MTX02	1551 Message Text	Х	AN 1/4096

To transmit large volumes of message text

REMARKS (NP-34) = Remarks

Segment:	N9 Reference Identification
Position:	2950
Loop:	N9 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To transmit identifying information as specified by the Reference Identification Qualifier
Syntax Notes:	<ol> <li>At least one of N902 or N903 is required.</li> <li>If N906 is present, then N905 is required.</li> <li>If either C04003 or C04004 is present, then the other is required.</li> <li>If either C04005 or C04006 is present, then the other is required.</li> </ol>
Semantic Notes:	<ol> <li>N906 reflects the time zone which the time reflects.</li> <li>N907 contains data relating to the value cited in N902.</li> </ol>
Comments:	-
Notes:	N9*H7*ORI*LSR****2W>MANUAL IND (LSR-108a)
Ref.	Data Element Summary Data
IVEI.	

	Ref.	Data			
	Des.	<u>Element</u>	Name		
	<u>Attributes</u>				
М	N901	128	Reference Identification Qualifier	Μ	ID 2/3
			Code qualifying the Reference Identification		
			H7 Standard Clause		
	N902	127	Reference Identification	Х	AN 1/30
			Reference information as defined for a particular Transa specified by the Reference Identification Qualifier ORI Order Instructions	ction	Set or as
	N903	369	Free-form Description	Х	AN 1/45
			Free-form descriptive text		
			"LSR"		
	N907	C040	Reference Identifier	0	
			To identify one or more reference numbers or identification specified by the Reference Qualifier	ion n	umbers as
М	C04001	128	Reference Identification Qualifier	Μ	ID 2/3
			Code qualifying the Reference Identification		
			2W Change Order Authority		
Μ	C04002	127	Reference Identification	Μ	AN 1/30
			Reference information as defined for a particular Transa specified by the Reference Identification Qualifier	ction	Set or as
			MANUAL IND (LSR-108a) = Manual Indicator		

Segment:	MTX Text		
Position:	3000		
Loop:	N9 Optional		
Level:	Heading		
Usage:	Optional		
Max Use:	>1		
Purpose:	To specify textual data		
Syntax Notes:	<ol> <li>If MTX01 is present, then MTX02 is required.</li> </ol>		
	2 If MTX03 is present, then MTX02 is required.		
	3 If MTX05 is present, then MTX04 is required.		
Semantic Notes:	<ol> <li>MTX05 is the number of lines to advance before printing.</li> </ol>		
Comments:	<ol> <li>If MTX04 is "AA - Advance the specific number of lines before</li> </ol>	e prii	nt",
	then MTX05 is required.		
Notes:	MTX**REMARKS (LSR-108)		
	Data Element Summary		
Ref.	Data		
Des.	Element Name		
<u>Attributes</u>			
MTX02	1551 Message Text	Х	AN 1/4096

To transmit large volumes of message text

REMARKS (LSR-108) = Remarks

Segment:	N9 Reference Identification
Position:	2950
Loop:	N9 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To transmit identifying information as specified by the Reference Identification Qualifier
Syntax Notes:	1 At least one of N902 or N903 is required.
•	2 If N906 is present, then N905 is required.
	3 If either C04003 or C04004 is present, then the other is required.
	4 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 N906 reflects the time zone which the time reflects.
	2 N907 contains data relating to the value cited in N902.
Comments:	
Notes:	N9*H7*ORI*EU****2W>MANUAL IND (EU-63a)
Ref.	Data Element Summary Data

	Ref.	Data			
	Des.	<u>Element</u>	<u>Name</u>		
	<u>Attributes</u>				
М	N901	128	Reference Identification Qualifier	Μ	ID 2/3
			Code qualifying the Reference Identification		
			H7 Standard Clause		
	N902	127	Reference Identification	Х	AN 1/30
			Reference information as defined for a particular Transa specified by the Reference Identification Qualifier ORI Order Instructions	ction	Set or as
	N903	369	Free-form Description	Х	AN 1/45
			Free-form descriptive text		
			"EU"		
	N907	C040	Reference Identifier	0	
			To identify one or more reference numbers or identificat specified by the Reference Qualifier	ion n	umbers as
Μ	C04001	128	Reference Identification Qualifier	Μ	ID 2/3
			Code qualifying the Reference Identification		
			2W Change Order Authority		
М	C04002	127	Reference Identification	М	AN 1/30
			Reference information as defined for a particular Transa specified by the Reference Identification Qualifier	ction	Set or as
			MANUAL IND (EU-63a) = Manual Indicator		

МТХ	Text		
3000			
N9 (	Dptional		
5			
>1			
To speci	v textual data		
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		re prir	nt".
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	Data Element Summary		
Data	-		
lement	Name		
1551	Message Text	Х	AN 1/4096
	To transmit large volumes of message text		
	3000 N9 (Heading Optional 1 To specif I If MT 2 If MT 2 If MT 3 If MT 1 MTX 1 If MT then MTX**RE Data lement	<ul> <li>N9 Optional Heading Optional</li> <li>1</li> <li>To specify textual data</li> <li>If MTX01 is present, then MTX02 is required.</li> <li>If MTX03 is present, then MTX02 is required.</li> <li>If MTX05 is present, then MTX04 is required.</li> <li>If MTX05 is the number of lines to advance before printing.</li> <li>If MTX04 is "AA - Advance the specific number of lines before then MTX05 is required.</li> <li>MTX**REMARKS (EU-63)</li> </ul> Data Element Summary Data lement Name 1551 Message Text	<ul> <li>3000</li> <li>N9 Optional</li> <li>Heading</li> <li>Optional</li> <li>If MTX01 is present, then MTX02 is required.</li> <li>If MTX03 is present, then MTX02 is required.</li> <li>If MTX05 is present, then MTX04 is required.</li> <li>MTX05 is the number of lines to advance before printing.</li> <li>If MTX04 is "AA - Advance the specific number of lines before print then MTX05 is required.</li> <li>MTX**REMARKS (EU-63)</li> </ul> Data Element Summary Data Lement Name 1551 Message Text

REMARKS (EU-63) =Remarks

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:	<ol> <li>At least one of N102 or N103 is required.</li> </ol>
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	<ol> <li>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.</li> <li>N105 and N106 further define the type of entity in N101.</li> </ol>
Notes:	N1*78*CCNA (LSR-1)

#### **Data Element Summary**

Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	<u>Name</u>			
N101	98	<b>Entity Identifie</b>	r Code	Μ	ID 2/3
		Code identifying an individual 78	g an organizational entity, a physical loca Service Requester	ation,	property or
N102	93	Name Free-form name	'	X	AN 1/60
		CCNA (LSR-1)	= Customer Carrier Name Abbreviation		

Μ

# **PER** Administrative Communications Contact

Segment:

Position:	3600						
Loop:	N1 Optional						
Level:	Heading						
Usage:	Optional						
Max Use:	>1						
Purpose:	To identify a person or office to whom administrative communications						
-	should be directed						
Syntax Notes:	1 If either PER03 or PER04 is present, then the other is required.						
-	2 If either PER05 or PER06 is present, then the other is required.						

3 If either PER07 or PER08 is present, then the other is required.

#### Semantic Notes:

Comments: Notes:

PER*AG*INIT (LSR-81)*TE*TEL NO (LSR-82)*FX*FAX NO (LSR-84)*EM*EMAIL (LSR-83)

#### PER*CN*IMPCON (LSR-91)*TE*TEL NO (LSR-92)

#### **Data Element Summary**

	Ref.	Data		,			
	Des.	<u>Element</u>	<u>Name</u>				
	<u>Attributes</u>				м		
М	PER01	366	Contact Function Code			ID 2/2	
			Code identifying the m	ersor	or group		
			named AG Age	ant			
				neral Contact			
		00			~		
	PER02	93	Name		0	AN 1/60	
			Free-form name INIT (LSR-81) = Initiator Identification IMPCON (LSR-91) = Implementation Contact				
	PER03	365	Communication Num		X	ID 2/2	
	I EROO	000	Code identifying the type of communication number		~		
				ephone			
	PER04	364	Communication Num	•	х	AN 1/256	
	I LINO4	504	Complete communications number including country or a applicable				
						code when	
			TEL NO (LSR-82) = $Te$				
		205	TEL NO (LSR-92) = Telephone Number				
	PER05	365	Communication Number Qualifier		Х	ID 2/2	
			Code identifying the type of communication number				
	DEDAA	004		csimile	v		
	PER06	364	Communication Number		Х	AN 1/256	
			Complete communications number including country or a			code when	
			applicable FAX NO (LSR-84) = Fa	acsimile Number			
	PER07	365	Communication Num		Х	ID 2/2	
	FLRU	303		pe of communication number	^		
				ctronic Mail			
	DEDOG	264			x	ANI 4/256	
	PER08	364	Communication Number			AN 1/256	
			Complete communications number including country or area code when				

applicable EMAIL (LSR-83) = Electronic Mail Address

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:	<ol> <li>At least one of N102 or N103 is required.</li> </ol>
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	<ol> <li>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.</li> <li>N105 and N106 further define the type of entity in N101.</li> </ol>
Notes:	N1*BY**25*CC (LSR-29)

Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	Name		
N101	98	Entity Identifier Code	Μ	ID 2/3
		Code identifying an organizational entity, a physical an individual BY Buying Party (Purchaser)	al location,	property or
N103	66	Identification Code Qualifier	Х	ID 1/2
		Code designating the system/method of code struct Identification Code (67) 25 Carrier's Customer Code	cture used	for
N104	67	Identification Code Code identifying a party or other code CC (LSR-29) = Company Code	X	AN 2/80

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:	<ol> <li>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.</li> <li>N105 and N106 further define the type of entity in N101.</li> </ol>
Notes:	N1*AN*AUTHNM (LSR-37)
	Data Element Summary
Ref.	Data
Des.	Element Name
<u>Attributes</u>	

Code identifying an organizational entity, a physical location, property or

pick-up or origin point for a shipment

A geographic location designated as an authorized

Authorized From

AUTHNM (LSR-37) = Authorization Name

Entity Identifier Code

an individual AN

Free-form name

Name

98

93

N101

N102

Μ

ID 2/3

AN 1/60

Μ

Х

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:	<ol> <li>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.</li> <li>N105 and N106 further define the type of entity in N101.</li> </ol>
Notes:	N1*X1*BILLNM (EU-43)
Ref	Data Element Summary

Data				
<u>Element</u>	<u>Name</u>			
98	Entity Identifier	Code	Μ	ID 2/3
	Code identifying a an individual	an organizational entity, a physical loca	tion,	property or
	X1	Mail to		
		An address to which a specified item	is to	be mailed
93	Name		Χ	AN 1/60
	Free-form name			
	BILLNM (EU-43) :	= Bill Name		
	<u>Element</u> 98	ElementName98Entity Identifier ( Code identifying a an individual X193Name 	Element       Name         98       Entity Identifier Code         Code identifying an organizational entity, a physical local an individual         X1       Mail to         An address to which a specified item         93       Name	Element       Name         98       Entity Identifier Code       M         Code identifying an organizational entity, a physical location, an individual       X1       Mail to         X1       Mail to       An address to which a specified item is to         93       Name       X         Free-form name       X

Segment:	N2 A	Additional Name Information		
Position:	3200			
Loop:		Optional		
Level:	Heading			
Usage: Max Use:	Optional 2			
Purpose:	_	fy additional names		
Syntax Notes:	TO Speci	Ty additional names		
Semantic Notes:				
Comments:				
Notes:	N2*SBIL	LNM (EU-44)		
		Data Element Summary		
Ref.	Data			
Des.	<u>Element</u>	Name		
<u>Attributes</u>				
M N201	93	Name	Μ	AN 1/60
		Free-form name		
		SBILLNM (EU-44) = Secondary Bill Name		

Segment:	N4 a	Beographic Location					
Position:	3400						
Loop:	N1	Optional					
Level:	Heading						
Usage:	Optional						
Max Use:	>1						
Purpose:	To speci	fy the geographic place of the named party					
Syntax Notes:	1 Önly	one of N402 or N407 may be present.					
	2 If N4	06 is present, then N405 is required.					
	3 If N4	07 is present, then N404 is required.					
Semantic Notes:							
Comments:	1 A co	mbination of either N401 through N404, or N405 and N40	06 m	ay			
	be a	dequate to specify a location.					
		2 is required only if city name (N401) is in the U.S. or Car	nada				
Notes:	N4**STA	TE (EU-49)*ZIP (EU-50)					
		Data Element Summary					
Ref.	Data						
Des.	<u>Element</u>	Name					
Attributes	450		v				
N402	156	State or Province Code	Х	ID 2/2			
	Code (Standard State/Province) as defined by appropriate government agency						
		STATE (EU-49) = State/Province					
N403	116	Postal Code	0	ID 3/15			

blanks (zip code for United States) ZIP (EU-50) = ZIP/Postal Code

Code defining international postal zone code excluding punctuation and

-	NX2 Location ID Component 3450 N1 Optional Heading Optional >1 To define types and values of a geographic location
Comments: Notes:	NX2*01*SANO (EU-45b)
	NX2*02*SASN (EU-45e) NX2*03*SASD (EU-45d) NX2*07*CITY (EU-48) NX2*32*FLOOR (EU-46) NX2*35*ROOM/MAIL STOP (EU-47) NX2*40*SASS (EU-45g) NX2*59*SAPR (EU-45g) NX2*61*SASF (EU-45c) NX2*62*SATH (EU-45f)

			Data Element S	Summary		
	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>			
	<u>Attributes</u>					
Μ	NX201	1106	Address Compor		М	ID 2/2
			Code qualifying th	e type of address component		
			01	Street Number		
			02	Street Name		
			03	Prefix Direction		
			07	City Name		
			32	Floor		
				A particular floor or level of a building	J	
			35	Room		
				A walled room or partitioned area of a	a bui	lding
			40	Street Suffix		
			59	Street Number Low		
			61	Street Number Fraction		
			62	Street Name Suffix		
Μ	NX202	166	Address Informa	tion	М	AN 1/55
			Address information	on		
			SANO (EU-45b) =	Service Address Number		
			SASN (EU-45e) =	Service Address Street Name		
				Service Address Street Directional Pr	efix	
			CITY (EU-48) = C	•		
			FLOOR (EU-46) =			
				P (EU-47) = Room/Mail Stop		
				Service Address Street Directional Su	iffix	
				Service Address Number Prefix		
				Street Address Number Suffix		
			SATH (EU-45f) =	Service Address Street Type		

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Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	PER Administrative Communications Contact 3600 N1 Optional Heading Optional >1 To identify a person or office to whom administrative communications should be directed 1 If either PER03 or PER04 is present, then the other is required. 2 If either PER05 or PER06 is present, then the other is required. 3 If either PER07 or PER08 is present, then the other is required.						
		Data Element S	Summary				
Ref.	Data		Summary				
	Element	<u>Name</u>					
<u>Attributes</u>							
A PER01	366	Contact Function	n Code	М	ID 2/2		
		Code identifying the	ne major duty or responsibility of the	ne persoi	n or group		
		named					
		BI	Bill Inquiry Contact				
			Service Provider contact for mak information on the invoice	ing inqui	res about		
PER02	93	Name		0	AN 1/60		
		Free-form name					
		BILLCON (EU-51)	= Billing Contact				
PER03	365	Communication	Number Qualifier	Х	ID 2/2		
		Code identifying the	ne type of communication number				
		TE	Telephone				
PER04	364	Communication	Number	Х	AN 1/256		
		applicable	nications number including country	/ or area	code when		

Segment:	SI Service Characteristic Identification
Position:	3650
Loop:	N1 Optional
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.
	<b>9</b> If either SI20 or SI21 is present, then the other is required.
Semantic Notes:	
Comments:	<ol> <li>SI01 defines the source for each of the service characteristics qualifiers.</li> </ol>
Notes:	SI*TI*AF*AFT (EU-44a)

	Ref.	Data			
	Des.	<u>Element</u>	<u>Name</u>		
	<u>Attributes</u>				
Μ	SI01	559	Agency Qualifier Code	Μ	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
М	SI02	1000	Service Characteristics Qualifier	М	AN 2/2
			Code from an industry code list qualifying the type of se characteristics	ervice	•
			AF Address Format Type		
М	SI03	234	Product/Service ID	М	AN 1/48
			Identifying number for a product or service		
			AFT (EU-44a) = Address Format Type		

# PO1 Baseline Item Data - End User Form (Location and Access

Segment:	<b>PO1</b>	Baseline Item Data - End User Form (Location and	Acce	ess
-	Section			
Position:	0100			
Loop:	PO1	Mandatory		
Level:	Detail			
Usage:	Mandato	ry		
Max Use:	1			
Purpose:		fy basic and most frequently used line item data		
Syntax Notes:		0103 is present, then PO102 is required. 0105 is present, then PO104 is required.		
		her PO106 or PO107 is present, then the other is required.	Ч	
		her PO108 or PO109 is present, then the other is require		
		her PO110 or PO111 is present, then the other is require		
		her PO112 or PO113 is present, then the other is require		
		her PO114 or PO115 is present, then the other is require		
	8 If eit	her PO116 or PO117 is present, then the other is require	d.	
		her PO118 or PO119 is present, then the other is require		
		her PO120 or PO121 is present, then the other is require		
		her PO122 or PO123 is present, then the other is require		
Comontio Notoo	12 If eit	her PO124 or PO125 is present, then the other is require	d.	
Semantic Notes:	1 000	the Date Floment Dictionery for a complete list of IDa		
Comments:		the Data Element Dictionary for a complete list of IDs. 01 is the line item identification.		
		06 through PO125 provide for ten different product/servic	e ID	Is
		each item. For example: Case, Color, Drawing No., U.P.C		
		No., Model No., or SKU.		-,
Notes:	PO1*n*1	*EA***ZZ*EU_SA [PO1 Loop may repeat]		
		Data Element Summary		
Ref.	Data			
Des.	<u>Element</u>	Name		
<u>Attributes</u>	250	Assigned Identification	~	ANI 4/20
PO101	350	Assigned Identification	0	AN 1/20
		Alphanumeric characters assigned for differentiation wit set	nın a	a transaction
		"n" = nth assigned ID within PO1 loop		
PO102	330	Quantity Ordered	Х	R 1/15
10102		Quantity ordered	Λ	
		1 Always One		
PO103	355	Unit or Basis for Measurement Code	0	ID 2/2
		Code specifying the units in which a value is being expre	esse	d, or
		manner in which a measurement has been taken		
		EA Each		
PO106	235	Product/Service ID Qualifier	Х	ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234) ΖZ Mutually Defined PO107 234 **Product/Service ID** X AN 1/48 Identifying number for a product or service "EU_SA"

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:	<ol> <li>At least one of N102 or N103 is required.</li> </ol>
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	<ol> <li>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.</li> <li>N105 and N106 further define the type of entity in N101.</li> </ol>
Notes:	N1*IT*NAME (EU-8)

Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	<u>Name</u>			
N101	98	Entity Identifie	er Code	Μ	ID 2/3
		Code identifyin an individual IT	g an organizational entity, a physical lo Installation on Site	cation,	property or
N102	93	Name	installation on one	х	AN 1/60
NT02	33	Free-form nam	e = End User Name	~	

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 (EU-25)*ZIP (EU-26)**RJ*CALA (EU-26a)
	Data Element Summary
Ref.	Data
Des.	Element Name
<u>Attributes</u>	
N1400	4F0 Otata an Drawin as Oada V ID 0/0

<u>Attributes</u>				
N402	156	State or Province Code	Х	ID 2/2
		Code (Standard State/Province) as defined by appropria agency	ate g	overnment
		STATE (EU-25) = State/Province		
N403	116	Postal Code	0	ID 3/15
		Code defining international postal zone code excluding blanks (zip code for United States) ZIP (EU-26) = ZIP/Postal Code	punc	tuation and
N405	309	Location Qualifier	Х	ID 1/2
		Code identifying type of location RJ Region		
N406	310	Location Identifier	ο	AN 1/30
		Code which identifies a specific location		
		CALA (EU-26a) = Customer Address Location Area		

NX2 Location ID Component Segment: Position: 3850 N1 Optional Loop: 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 (EU-11) NX2*02*SASN (EU-14)

NX2*03*SASD (EU-13) NX2*05*BOX (EU-23c) NX2*06*ROUTE (EU-23b) NX2*07*CITY (EU-24) NX2*39*AHN (EU-23a) NX2*40*SASS (EU-16) NX2*59*SAPR (EU-10) NX2*61*SASF (EU-12) NX2*62*SATH (EU-15) NX2*LD1 (EU-17)*LV1 (EU-18) NX2*LD2 (EU-19)*LV2 (EU-20) NX2*LD3 (EU-21)*LV3 (EU-22)

#### **Data Element Summary**

		Data Element	buillinary		
Ref.	Data				
Des.	<u>Element</u>	<u>Name</u>			
<u>Attributes</u>					
NX201	1106	Address Compor	nent Qualifier	Μ	ID 2/2
		Code qualifying the	e type of address component		
		LD1 (EU-17) = Loo	cation Designator 1		
		13 = (DWS: AP	•		
		34 = (DWS: LOT			
		35 = (DWS: RM			
		36 = (DWS: SLI	,		
		37 = (DWS: UN	,		
		14 = (DWS: SU	11)		
		I D2 (FII-19) - Loo	cation Designator 2		
		32 = (DWS: FLF)			
		·····	-,		
		LD3 (EU-21) = Loc	cation Designator 3		
		12 = (DWS: BLI			
		63 = (DWS: WN	IG)		
		30 = (DWS: PIE	R)		
		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 do	cked	ł
	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	a bui	lding
	36	Slip		
		The slip or location on a pier at which	ı a sł	hip or boat
	07	is docked		
	37			
	20	A unit or separate structure		
	39	Unstructured Property		
	40	Street Suffix		
	59 61	Street Number Low Street Number Fraction		
	-			
	62 63	Street Name Suffix		
400		Secondary Unit Identifier		
166	Address Informa		М	AN 1/55
	Address information			
	. ,	Service Address Number Service Address Street Name		
		Service Address Street Directional Pref	fix	
	BOX (EU-23c) = E			
	ROUTE (EU-23b)			
	CITY (EU-24) = C	ity Assigned House Number		
	```	Service Address Street Directional Suff	ix	
	· · · · ·	Service Address Number Prefix		
		Service Address Number Suffix		
		Service Address Street Type		
	LV1 (EU-18) = Loc			
	$1 \sqrt{2} = 1 = 0$			

LV2 (EU-20) = Location Value 2 LV3 (EU-22) = Location Value 3

Μ

NX202

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 (EU-9)

	Ref. <u>Des.</u>	Data <u>Element</u>	Name		
	<u>Attributes</u>				
Μ	SI01	559	Agency Qualifier Code	Μ	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
М	SI02	1000	Service Characteristics Qualifier	Μ	AN 2/2
			Code from an industry code list qualifying the type of se characteristics	ervice	•
			AF Address Format Type		
М	SI03	234	Product/Service ID	М	AN 1/48
			Identifying number for a product or service		
			AFT (EU-9) = Address Format Type		

PO1 Baseline Item Data - Local Number Portability (NP Form

Segment:	PO1	Baseline Item Data - Local Number Portability (NP	Form	ı -
	Service	Details Section)		
Position:	0100			
Loop:	PO1	Mandatory		
Level:	Detail	,		
Usage:	Mandato	ry		
Max Use:	1			
Purpose:		fy basic and most frequently used line item data		
Syntax Notes:		0103 is present, then PO102 is required.		
		0105 is present, then PO104 is required.		
		her PO106 or PO107 is present, then the other is require		
		her PO108 or PO109 is present, then the other is require		
		her PO110 or PO111 is present, then the other is require		
		her PO112 or PO113 is present, then the other is require her PO114 or PO115 is present, then the other is require		
		her PO116 or PO117 is present, then the other is require her PO116 or PO117 is present, then the other is require		
		her PO118 or PO119 is present, then the other is require		
		her PO120 or PO121 is present, then the other is require		
		her PO122 or PO123 is present, then the other is require		
	12 If eit	her PO124 or PO125 is present, then the other is require	ed.	
Semantic Notes:				
Comments:		the Data Element Dictionary for a complete list of IDs.		
		01 is the line item identification.		
		06 through PO125 provide for ten different product/servi		
		each item. For example: Case, Color, Drawing No., U.P.	C. NO).,
Notes:		No., Model No., or SKU. *EA***ZZ*LNP [PO1 Loop repeats NPQTY (NP-5) time	c]	
Notes.			3]	
		Data Element Summary		
Ref.	Data			
Des.	<u>Element</u>	<u>Name</u>		
<u>Attributes</u>			_	
PO101	350	Assigned Identification	Ο	AN 1/20
		Alphanumeric characters assigned for differentiation wi	thin a	a transaction
		set		
		"n" = nth assigned ID within PO1 loop		
PO102	330	Quantity Ordered	Х	R 1/15
		Quantity ordered		
		1 Always One		
PO103	355	Unit or Basis for Measurement Code	0	ID 2/2

		"n" = nth assigned ID within PO1 loop		
PO102	330	Quantity Ordered	Х	R 1/15
		Quantity ordered		
		1 Always One		
PO103	355	Unit or Basis for Measurement Code	0	ID 2/2
		Code specifying the units in which a value is being e manner in which a measurement has been taken EA Each	xpresse	ed, or
PO106	235	Product/Service ID Qualifier	Х	ID 2/2
PO106	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive ne Product/Service ID (234) ZZ Mutually Defined		
PO106 PO107	235 234	Code identifying the type/source of the descriptive nu Product/Service ID (234)		
		Code identifying the type/source of the descriptive ne Product/Service ID (234) ZZ Mutually Defined	umber u	ised in

Segment:	SI Service Characteristic Identification
Position:	0180
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.
	2 If either SI06 or SI07 is present, then the other is required.
	3 If either SI08 or SI09 is present, then the other is required.
	4 If either SI10 or SI11 is present, then the other is required.
	5 If either SI12 or SI13 is present, then the other is required.
	6 If either SI14 or SI15 is present, then the other is required.
	7 If either SI16 or SI17 is present, then the other is required.
	8 If either SI18 or SI19 is present, then the other is required.
	9 If either SI20 or SI21 is present, then the other is required.
Semantic Notes:	
Comments:	1 SI01 defines the source for each of the service characteristics
	qualifiers.
Notes:	SI*TI*SA*LNA (NP-10)
	SI*TI*IT*PORTED NBR (NP-15)
	SI*TI*IP*NPT (NP-18)
	SI*TI*T6*TC OPT (NP-26)

Data Element Su	Immary
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			Data Element	Summary		
	Ref. <u>Des.</u> Attributes	Data <u>Element</u>	<u>Name</u>			
М	SI01	559	Agency Qualifier	Code	м	ID 2/2
			• •	he agency assigning the code values		-
			TI	Telecommunications Industry		
М	SI02	1000	Service Characte	•	М	AN 2/2
			Code from an indecharacteristics	ustry code list qualifying the type of se	rvice	•
			IP	Number Portability Type		
			IT	Ported Telephone Number(s)		
			SA	Service Activity		
			Т6	Transfer of Calls Options		
Μ	SI03	234	Product/Service	ID	М	AN 1/48
			Identifying numbe	r for a product or service		
			D= (DWS: D-D	hange account)		
				P-15) = Ported Telephone Number umber Portability Type		
			```	= Transfer of Call Options		

Segment:	PID	Product/Item Description		
Position:	0500	· · · · · · · · · · · · · · · · · · ·		
Loop:	PID	Optional		
Level:	Detail			
Usage:	Optional			
Max Use: Purpose:	1 To dosci	ribe a product or process in coded or free-form format		
Syntax Notes:		D04 is present, then PID03 is required.		
,		ast one of PID04 or PID05 is required.		
		D07 is present, then PID03 is required.		
		D08 is present, then PID04 is required.		
Semantic Notes:		D09 is present, then PID05 is required. PID03 to indicate the organization that publishes the code	list	
		g referred to.	not	
		04 should be used for industry-specific product description		
			ntifi,	ad
		08 describes the physical characteristics of the product ide D04. A "Y" indicates that the specified attribute applies to		eu
		; an "N" indicates it does not apply. Any other value is		
		terminate.		
0		09 is used to identify the language being used in PID05.		
Comments:		D01 equals "F", then PID05 is used. If PID01 equals "S", th 04 is used. If PID01 equals "X", then both PID04 and PID04		۵
	used		Jan	6
	<b>2</b> Use	PID06 when necessary to refer to the product surface or la	ayer	
		g described in the segment.		
	3 PIDO PIDO	07 specifies the individual code list of the agency specified	IN	
Notes:		II*BC***SO-RSQ*TDT (NP-13)		
Ref.	Data	Data Element Summary		
Des.	Element	Name		
Attributes				
I PID01	349	Item Description Type	М	ID 1/1
		Code indicating the format of a description		
		S Structured (From Industry Code List)		
PID03	559		X	ID 2/2
		Code identifying the agency assigning the code values		
		TI Telecommunications Industry		
PID04	751		X	AN 1/12
		A code from an industry code list which provides specific	data	a about a
		product characteristic BC Ten Digit Trigger		
PID07	822		0	AN 1/15
		A reference that indicates the table or text maintained by	-	
		Qualifier	-	
		SO-RSQ Service Order - Reseller Questions lis	t	
PID08	1073	Yes/No Condition or Response Code	t O	ID 1/1
PID08	1073		_	ID 1/1

Segment: Position: Loop:	<b>REF</b> 1000 PO1	Reference Identification		
Level:	Detail	Mandatory		
Usage:	Optional			
Max Use:	>1			
Purpose:		fy identifying information		
Syntax Notes:	2 If eit	ast one of REF02 or REF03 is required. her C04003 or C04004 is present, then the other is requiner C04005 or C04006 is present, then the other is requ		
Semantic Notes: Comments:		04 contains data relating to the value cited in REF02.		
Notes:	REF*IX*	LNUM (NP-8)*LNUM		
Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Data Element Summary <u>Name</u>		
REF01	128	Reference Identification Qualifier	М	ID 2/3
		Code qualifying the Reference Identification IX Item Number		
REF02	127	Reference Identification	Х	AN 1/30
		Reference information as defined for a particular Trans specified by the Reference Identification Qualifier	saction	Set or as
		LNUM (NP-8) = Line Number		

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

м

REF03

352

Description

content "LNUM" Х

AN 1/80

Segment:	DTN	Date/Time Re	aference		
-					
Position:	2100	Mandatan			
Loop: Level:	PO1 Detail	Mandatory			
	Optional				
Usage: Max Use:	10				
Purpose:	-	fy pertinent date	s and times		
Syntax Notes:			2 DTM03 or DTM05 is required.		
Cyntax Notes.			then DTM03 is required.		
		•	TM06 is present, then the other is require	d.	
Semantic Notes:			······ ··· ··· ·······················		
Comments:					
Notes:	DTM*37	6*TC PER {CCY	YMMDD} (NP-31)		
		Data Elemer	nt Summary		
Ref.	Data				
Des.	<u>Element</u>	<u>Name</u>			
<u>Attributes</u>					
A DTM01	374	Date/Time Qua	alifier	М	ID 3/3
		Code specifying	y type of date or time, or both date and tin	ne	
		376	Delivery End		
			The date that deliveries will end		
DTM02	373	Date		Х	DT 8/8
		Date expressed	as CCYYMMDD		

TC PER (NP-31) = Transfer of Calls Period

М

#### Qwest Communications International, Inc. EDI Disclosure Document – Version 9.0 Updated: January 21, 2002

Segment:	SLN	Subline Item Detail
Position:	4700	
Loop:	SLN	Optional
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To spec	fy product subline detail item data
Syntax Notes:		her SLN04 or SLN05 is present, then the other is required.
		N07 is present, then SLN06 is required.
		N08 is present, then SLN06 is required.
		her SLN09 or SLN10 is present, then the other is required.
		her SLN11 or SLN12 is present, then the other is required.
		her SLN13 or SLN14 is present, then the other is required.
		her SLN15 or SLN16 is present, then the other is required.
		her SLN17 or SLN18 is present, then the other is required. her SLN19 or SLN20 is present, then the other is required.
		her SLN21 or SLN22 is present, then the other is required.
		her SLN23 or SLN24 is present, then the other is required.
		her SLN25 or SLN26 is present, then the other is required.
		her SLN27 or SLN28 is present, then the other is required.
Semantic Notes:		01 is the identifying number for the subline item.
		02 is the identifying number for the subline level. The subline
		l is analogous to the level code used in a bill of materials.
		03 is the configuration code indicating the relationship of the
		ine item to the baseline item.
		08 is a code indicating the relationship of the price or amount to
Comments:		associated segment.
comments:		the Data Element Dictionary for a complete list of IDs. 01 is related to (but not necessarily equivalent to) the baseline
		number. Example: 1.1 or 1A might be used as a subline number
		late to baseline number 1.
		09 through SLN28 provide for ten different product/service IDs
	for e	ach item. For example: Case, Color, Drawing No., U.P.C. No.,
		No., Model No., or SKU.
Notes:	SLN*TC	PRI*n*A*1*EA
Def	Data	Data Element Summary
Ref.	Data	Namo
<u>Des.</u> <u>Attributes</u>	<u>Element</u>	Name
I SLN01	350	Assigned Identification M AN 1/20
021101	000	Alphanumeric characters assigned for differentiation within a transaction
		set
		"TCPRI"
SLN02	350	Assigned Identification O AN 1/20
		Alphanumeric characters assigned for differentiation within a transaction
		set

SLN03

SLN04

662

380

М

Μ

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Numeric value of quantity

**Relationship Code** 

А

Quantity

"n" = nth assigned ID within SLN loop

Code indicating the relationship between entities

Add

ID 1/1

R 1/15

Μ

Х

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

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.
	<b>3</b> 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*TC*TC TO PRI (NP-27)
1101001	

	Ref.	Data			
	Des.	<u>Element</u>	<u>Name</u>		
	<u>Attributes</u>				
Μ	SI01	559	Agency Qualifier Code	М	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
М	SI02	1000	Service Characteristics Qualifier	М	AN 2/2
			Code from an industry code list qualifying the type of se characteristics	rvice	•
			TC Transfer Announcement Number		
М	SI03	234	Product/Service ID	М	AN 1/48
			Identifying number for a product or service		
			TC TO PRI (NP-27) = Transfer of Calls to Primary Num	ber	

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.
	<b>2</b> If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	<ol> <li>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.</li> <li>N105 and N106 further define the type of entity in N101.</li> </ol>
Notes:	N1*TT*TC NAME (NP-27b)

Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	Name		
N101	98	Entity Identifier Code	М	ID 2/3
		Code identifying an organizational entity, a physical an individual TT Transfer To	location,	property or
N102	93	Name	Х	AN 1/60
		Free-form name		
		TC NAME (NP-27b) = Transfer of Calls to Name		

Segment: Position: Loop: Level: Usage:	REF Reference Identification 5800 N1 Optional Detail Optional
Max Use:	12
Purpose:	To specify identifying information
Syntax Notes: Semantic Notes: Comments:	<ol> <li>At least one of REF02 or REF03 is required.</li> <li>If either C04003 or C04004 is present, then the other is required.</li> <li>If either C04005 or C04006 is present, then the other is required.</li> <li>REF04 contains data relating to the value cited in REF02.</li> </ol>
Notes:	REF*55*TCID (NP-27a)*PRI
Ξ.	Data Element Summary
Ref.	Data
Des.	Element Name

**Reference Identification Qualifier** 

**Reference Identification** 

Code qualifying the Reference Identification

specified by the Reference Identification Qualifier TCID (NP-27a) = Transfer of Calls to Identifier

Sequence Number

Reference information as defined for a particular Transaction Set or as

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

М

Des. Attributes

REF01

REF02

REF03

128

127

352

55

Description

content "PRI" Μ

Х

Х

ID 2/3

AN 1/30

AN 1/80

	<b>-</b> .		Subline Item Detail			
	Segment:		Subline Item Detail			
	Position:	4700 SLN	Optional			
	Loop: Level:	Detail	Optional			
	Usage:	Optional				
	Max Use:	1				
	Purpose:		fy product subline detail item data			
	Syntax Notes:		her SLN04 or SLN05 is present, then the other is required			
			N07 is present, then SLN06 is required.			
			.N08 is present, then SLN06 is required. her SLN09 or SLN10 is present, then the other is required			
			her SLN19 of SLN10 is present, then the other is required			
			her SLN13 or SLN14 is present, then the other is required			
			her SLN15 or SLN16 is present, then the other is required			
			her SLN17 or SLN18 is present, then the other is required			
			her SLN19 or SLN20 is present, then the other is required			
			her SLN21 or SLN22 is present, then the other is required			
			her SLN23 or SLN24 is present, then the other is required her SLN25 or SLN26 is present, then the other is required			
			her SLN25 or SLN26 is present, then the other is required			
Se	mantic Notes:		01 is the identifying number for the subline item.	•		
			02 is the identifying number for the subline level. The subl	ine		
			is analogous to the level code used in a bill of materials.			
			03 is the configuration code indicating the relationship of t	he		
			ne item to the baseline item.	t	to	
			08 is a code indicating the relationship of the price or amo associated segment.	Juni	10	
	Comments:		the Data Element Dictionary for a complete list of IDs.			
			01 is related to (but not necessarily equivalent to) the base	eline	1	
			number. Example: 1.1 or 1A might be used as a subline r	umb	ber	
			late to baseline number 1.			
			09 through SLN28 provide for ten different product/service ach item. For example: Case, Color, Drawing No., U.P.C.			
			No., Model No., or SKU.	110.,	1	
	Notes:		SEC*n*A*1*EA [SLN Loop may repeat]			l
			Data Element Summary			
	Ref.	Data				
	Des.	<u>Element</u>	Name			
	<u>Attributes</u> SLN01	350	Assigned Identification	м	AN 1/20	
	SLINUT	330	Alphanumeric characters assigned for differentiation with			
			set	iii a	liansaction	
			"TCSEC"			l
	SLN02	350		0	AN 1/20	Ì
			Alphanumeric characters assigned for differentiation with	in a		
			set			
			"n" = nth assigned ID within SLN loop			
	SLN03	662	Relationship Code	М	ID 1/1	
			Code indicating the relationship between entities			

М

Μ

Add

Numeric value of quantity

А

Quantity

380

SLN04

Qwest Communications International, Inc. EDI Disclosure Document – Version 9.0 X R 1/15

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

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*TC*TC TO SEC (NP-28)

	Ref.	Data			
	Des.	<u>Element</u>	<u>Name</u>		
	<u>Attributes</u>				
Μ	SI01	559	Agency Qualifier Code	Μ	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
М	SI02	1000	Service Characteristics Qualifier	Μ	AN 2/2
			Code from an industry code list qualifying the type of se characteristics	rvice	•
			TC Transfer Announcement Number		
М	SI03	234	Product/Service ID	Μ	AN 1/48
			Identifying number for a product or service		
			TC TO SEC (NP-28) = Transfer of Calls to Secondary N	lumb	er

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:	<ol> <li>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.</li> <li>N105 and N106 further define the type of entity in N101.</li> </ol>
Notes:	N1*TT*TC NAME (NP-30)

Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	Name		
N101	98	Entity Identifier Code	Μ	ID 2/3
		Code identifying an organizational entity, a physical l an individual TT Transfer To	location,	property or
N102	93	Name	Х	AN 1/60
		Free-form name		
		TC NAME (NP-30) = Transfer of Calls to Name		

Segment:	<b>REF</b> Reference Identification
Position:	5800
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.
	<b>3</b> 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*55*TCID (NP-29)*SEC
	Data Element Summary
Ref.	Data

Des.	<u>Element</u>	<u>Name</u>		
<u>Attributes</u>				
REF01	128	Reference Identification Qualifier	Μ	ID 2/3
		Code qualifying the Reference Identification		
		55 Sequence Number		
REF02	127	Reference Identification	Х	AN 1/30
		Reference information as defined for a particular Transa specified by the Reference Identification Qualifier TCID (NP-29) = Transfer of Calls to Identifier	action	Set or as
REF03	352	Description	х	AN 1/80
	002	A free-form description to clarify the related data element content "SEC"		

М

Segment:	PO1 Baseline Item Data - Dummy
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:	<ol> <li>See the Data Element Dictionary for a complete list of IDs.</li> </ol>
	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*DUMMY*1*EA***ZZ*DD

		Data Element Summary		
Ref.	Data			
Des.	Element	<u>Name</u>		
<u>Attributes</u>				
PO101	350	Assigned Identification	0	AN 1/20
		Alphanumeric characters assigned for differentiation with set	hin a	transaction
		"DUMMY"		
PO102	330	Quantity Ordered	Х	R 1/15
		Quantity ordered		
		1 Always One		
PO103	355	Unit or Basis for Measurement Code	0	ID 2/2
		Code specifying the units in which a value is being expre manner in which a measurement has been taken EA Each	esse	d, or
PO106	235	Product/Service ID Qualifier	Х	ID 2/2
		Code identifying the type/source of the descriptive numb Product/Service ID (234) ZZ Mutually Defined	er u	sed in
PO107	234	Product/Service ID	Х	AN 1/48
		Identifying number for a product or service		
		"DD"		

Segment:	CTT	Transaction Totals						
Position:	0100							
Loop:	CTT	Optional						
Level:	Summary	/						
Usage:	Optional							
Max Use:	1							
Purpose: Syntax Notes:	1 If eith	<ul><li>To transmit a hash total for a specific element in the transaction set</li><li>If either CTT03 or CTT04 is present, then the other is required.</li></ul>						
	2 If eith	ner CTT05 or CTT06 is present, then the other is required	i.					
Semantic Notes:								
Comments:		segment is intended to provide hash totals to validate action completeness and correctness.						
Notes:	CTT*Nur	nber of PO1 Segments						
		Data Element Summary						
Ref.	Data							
<u>Des.</u> <u>Attributes</u>	<u>Element</u>	<u>Name</u>						
CTT01	354	Number of Line Items	М	N0 1/6				

Total number of line items in the transaction set

М

Segment	SE 1	Fransaction Set Trailer					
Position: Loop							
Level	: Summar	у					
Usage		iry					
Max Use							
Purpose	transmit	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		s the last segment of each transaction set.					
Notes:	SE*Num	ber of Segments*TRAN SET CONTROL #					
		Data Element Summary					
Ref.	Data	Data Liement Summary					
Des.	Element	Name					
Attribute							
M SE01	96	Number of Included Segments M	N0 1/10				
		Total number of segments included in a transaction set incluand SE segments	iding ST				
M SE02	329	Transaction Set Control Number M	AN 4/9				
		Identifying control number that must be unique within the tra functional group assigned by the originator for a transaction					

## 17.6.2 860 Local Number Portability Supplemental Service Request (860LNP)

Functional Group ID=  $\mathbf{PC}$ 

#### Introduction:

The 860LNP will be used by the Co-Provider to initiate Local Number Portability Supplemental Service Requests to Qwest.

This implementation guideline references the following:

- 1. ANSI ASC X12 Version 4020
- 2. LSOG 5 and Qwest assigned fields
- 3. TCIF/SOSC Guidelines ELMS 5

#### Notes:

This 860 Transaction includes the mappings for Local Service Request, End User, and Number Portability.

## Heading:

	Pos. <u>No.</u>	Seg. <u>ID</u>	Name	Req. <u>Des.</u>	<u>Max.Use</u>	Loop <u>Repeat</u>	Notes and Comments
Μ	0100	ST	Transaction Set Header	М	1		
М	0200	BCH	Beginning Segment for Purchase Order Change	М	1		
	0500	REF	Reference Identification	0	>1		
	0950	PAM	Period Amount	0	10		
	1500	DTM	Date/Time Reference	0	10		
	1850	SI	Service Characteristic Identification	0	>1		
	1900	PID	Product/Item Description	0	200		
			LOOP ID - N9			1000	
	2850	N9	Reference Identification	0	1		
	2900	MTX	Text	0	>1		
			LOOP ID - N9			1000	
	2850	N9	Reference Identification	0	1		
	2900	MTX	Text	0	>1		
			LOOP ID - N9			1000	
	2850	N9	Reference Identification	0	1		
	2900	MTX	Text	0	>1		
			LOOP ID - N1			200	
	3000	N1	Name	0	1		
	3500	PER	Administrative Communications Contact	0	>1		
			LOOP ID - N1			200	
	3000	N1	Name	0	1		
			LOOP ID - N1			200	
	3000	N1	Name	0	1		

Qwest Communications International, Inc. EDI Disclosure Document – Version 9.0

		LOOP ID - N1			200
3000	N1	Name	0	1	
3100	N2	Additional Name Information	0	2	
3300	N4	Geographic Location	0	>1	
3350	NX2	Location ID Component	0	>1	
3500	PER	Administrative Communications Contact	0	>1	
3550	SI	Service Characteristic Identification	0	>1	

## Detail:

Pos. <u>No.</u>	Seg. <u>ID</u>	Name	Req. <u>Des.</u>	Max.Use	Loop <u>Repeat</u>	Notes and <u>Comments</u>
		LOOP ID - POC			>1	
0100	POC	Line Item Change - End User Form (Location and Access Section)	0	1		
0.400		LOOP ID - N1	<u> </u>		200	
3400	N1	Name	0	1		
3700	N4	Geographic Location	0	1		
3750	NX2	Location ID Component	0	>1		
3950	SI	Service Characteristic Identification	0	>1		
		LOOP ID - POC			>1	
0100	POC	Line Item Change - Local Number Portability (NP Form - Service Details Section)	0	1		
0180	SI	Service Characteristic Identification	0	>1		
		Loop ID - Pid			1000	
0500	PID	Product/Item Description	0	1		
1000	REF	Reference Identification	0	>1		
2000	DTM	Date/Time Reference	0	10		
		LOOP ID - SLN			>1	
4600	SLN	Subline Item Detail	0	1		
4700	SI	Service Characteristic Identification	0	>1		
		LOOP ID - N1			10	
5360	N1	Name	0	1		
5700	REF	Reference Identification	0	12		
		LOOP ID - SLN			>1	<u>_</u>
4600	SLN	Subline Item Detail	0	1		
4700	SI	Service Characteristic Identification	0	>1		
		LOOP ID - N1			10	
5360	N1	Name	0	1		
5700	REF	Reference Identification	0	12		

## Summary:

Pos. <u>No</u> .	Seg. <u>ID</u>	Name	Req. <u>Des.</u>	<u>Max.Use</u>	Loop <u>Repeat</u>	Notes and <u>Comments</u>
		LOOP ID - CTT		1		
0100	CTT	Transaction Totals	0	1		n1

Qwest Communications International, Inc. EDI Disclosure Document – Version 9.0 M 0300 SE Transaction Set Trailer

Μ

1

#### **Transaction Set Notes**

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

	0	ST ₁	ransaction Set Header					
	Segment:		ransaction Set Header					
	Position:	0100						
	Loop:							
	Level:	Heading						
	Usage: Max Use:	Mandato	ry					
		1 To india	to the start of a transaction act and to appian a control number					
Svr	Purpose:		ate the start of a transaction set and to assign a control number					
•	Syntax Notes:         emantic 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).							
		trans appr	implementation convention reference (ST03) is used by the slation routines of the interchange partners to select the opriate implementation convention to match the transaction set ition.					
(	Comments:							
	Notes:	ST*860*	TRAN SET CONTROL #					
			Data Element Summary					
	Ref.	Data						
	Des.	<u>Element</u>	<u>Name</u>					
	Attributes	4.40						
Μ	ST01	143	Transaction Set Identifier Code M ID 3/3					
			Code uniquely identifying a Transaction Set860Purchase Order Change Request - Buyer Initiated					
Μ	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:	RCF	Beginning Segment for Purchase Order Change		
	Position:	0200			
	Loop:				
	Level:	Heading			
	Usage: Max Use:	Mandato	ry		
	Purpose:	1 To indic:	ate the beginning of the Purchase Order Change Transac	tion	Set
	r urpose.		smit identifying numbers and dates	uon	001
	Syntax Notes:				
5	Semantic Notes:	1 BCH	06 is the date assigned by the purchaser to purchase or	der.	
			09 is the seller's order number.		
			10 is the date assigned by the sender to the acknowledg	men	t.
	Comments:	<b>4</b> BC⊢	11 is the date of the purchase order change request.		
	Notes:	BCH*SU	P (LSR-25)*SS*PON (LSR-2)**VER (LSR-3)*PO Date (S	See T	Trading
			Access Information)		5
	Def	Data	Data Element Summary		
	Ref. <u>Des.</u>	Data <u>Element</u>	Name		
	Attributes		Name		
М	BCH01	353	Transaction Set Purpose Code	М	ID 2/2
			Code identifying purpose of transaction set		
			SUP (LSR-25) = Supplement Type		
			01 = (DWS: "1" = Cancel)		
			04 = (DWS: "2" = DDD - Change)		
			05 = (DWS: "3" = Other)		
М	BCH02	92			18 4/4
		•-	Purchase Order Type Code	М	ID 2/2
		•-	Code specifying the type of Purchase Order	Μ	ID 2/2
			Code specifying the type of Purchase OrderSSSupply or Service Order	Μ	
М	BCH03	324	Code specifying the type of Purchase Order SS Supply or Service Order Purchase Order Number	M	ID 2/2 AN 1/22
м	BCH03		Code specifying the type of Purchase OrderSSSupply or Service OrderPurchase Order NumberIdentifying number for Purchase Order assigned by the		
М	BCH03		Code specifying the type of Purchase Order SS Supply or Service Order Purchase Order Number Identifying number for Purchase Order assigned by the orderer/purchaser		
М		324	Code specifying the type of Purchase Order SS Supply or Service Order Purchase Order Number Identifying number for Purchase Order assigned by the orderer/purchaser PON (LSR-2) = Purchase Order Number	М	AN 1/22
Μ	BCH03 BCH05		Code specifying the type of Purchase Order SS Supply or Service Order Purchase Order Number Identifying number for Purchase Order assigned by the orderer/purchaser PON (LSR-2) = Purchase Order Number Change Order Sequence Number	м	AN 1/22 AN 1/8
Μ		324	Code specifying the type of Purchase Order SS Supply or Service Order Purchase Order Number Identifying number for Purchase Order assigned by the orderer/purchaser PON (LSR-2) = Purchase Order Number Change Order Sequence Number Number assigned by the orderer identifying a specific ch	м	AN 1/22 AN 1/8
Μ		324	Code specifying the type of Purchase Order SS Supply or Service Order Purchase Order Number Identifying number for Purchase Order assigned by the orderer/purchaser PON (LSR-2) = Purchase Order Number Change Order Sequence Number Number assigned by the orderer identifying a specific ch revision to a previously transmitted transaction set	м	AN 1/22 AN 1/8
	BCH05	324 327	Code specifying the type of Purchase Order SS Supply or Service Order Purchase Order Number Identifying number for Purchase Order assigned by the orderer/purchaser PON (LSR-2) = Purchase Order Number Change Order Sequence Number Number assigned by the orderer identifying a specific ch revision to a previously transmitted transaction set VER (LSR-3) = Version Identification	M O nang	AN 1/22 AN 1/8 e or
м		324	Code specifying the type of Purchase Order SS Supply or Service Order <b>Purchase Order Number</b> Identifying number for Purchase Order assigned by the orderer/purchaser PON (LSR-2) = Purchase Order Number <b>Change Order Sequence Number</b> Number assigned by the orderer identifying a specific ch revision to a previously transmitted transaction set VER (LSR-3) = Version Identification <b>Date</b>	м	AN 1/22 AN 1/8
	BCH05	324 327	Code specifying the type of Purchase Order SS Supply or Service Order Purchase Order Number Identifying number for Purchase Order assigned by the orderer/purchaser PON (LSR-2) = Purchase Order Number Change Order Sequence Number Number assigned by the orderer identifying a specific ch revision to a previously transmitted transaction set VER (LSR-3) = Version Identification	M O nang	AN 1/22 AN 1/8 e or

Segment:	<b>REF</b> Reference Identification
Position: Loop:	0500
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To specify identifying information
Syntax Notes: Semantic Notes:	<ol> <li>At least one of REF02 or REF03 is required.</li> <li>If either C04003 or C04004 is present, then the other is required.</li> <li>If either C04005 or C04006 is present, then the other is required.</li> <li>REF04 contains data relating to the value cited in REF02.</li> </ol>
Comments:	
Notes:	REF*11*AN (LSR-7)*AN REF*11*NAN (LSR-7a)*NAN REF*JB*PROJECT (LSR-20) REF*SU*RTR (LSR-28)*RTR REF*CO*RPON (LSR-51)*RPON REF*1V*RORD (LSR-52)*RORD

	Ref.	Data				
	Des.	Element	<u>Name</u>			
	Attributes	400				
М	REF01	128	Reference Identi		Μ	ID 2/3
				e Reference Identification		
			11	Account Number		
				Number identifies a telecommunication	ons i	ndustry
			4)/	account		
			1V	Related Vendor Order Number		
				A vendor's order number that is in ac	ditio	n to a
			СО	primary order number Customer Order Number		
			JB	Job (Project) Number		
			SU	Special Processing Code		
				Unique code identifying the special h	andli	ing
				requirements for the claim		
	REF02	127	Reference Identif		Х	AN 1/30
				tion as defined for a particular Transa	ction	Set or as
			specified by the R AN (LSR-7) = $Acc$	eference Identification Qualifier		
				New Account Number		
			```	0) = Project Identification		
			RTR (LSR- 28) = F	Response Type Requested		
				Related Purchase Order Number		
				Related Order Number	V	
	REF03	352	Description		Х	AN 1/80
				ption to clarify the related data elemer	nts ar	nd their
			content "AN"			
			"NAN"			
			"RTR"			
			"RPON"			
			"RORD"			

Segment:	PAN	Period Amount				
Position: Loop:	0950					
Leop: Level: Usage: Max Use:	Heading Optional 10					
Purpose: Syntax Notes: Semantic Notes: Comments:						
Notes:	PAM*47	PG_of_ (LSR-10) (1st 2 Bytes)*EA PG_of_ (LSR-10) (2nd 2 Bytes)*EA *NPQTY (NP-5)*EA				
		Data Element Summary				
Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Name				
PAM01	673	Quantity Qualifier	Х	ID 2/2		
		Code specifying the type of quantity				
		47 Primary Net Quantity				
		48 Secondary Net Quantity				
		OC Order Count				
PAM02	380	Quantity	Х	R 1/15		
		Numeric value of quantity				
		First 2 bytes of PG_of_ (LSR-10)				
		Second 2 bytes of PG_of_ (LSR-10)				
PAM03	C001	NPQTY (NP-5) = Number Portability Quantity Composite Unit of Measure	/ X			
PAIVIUS	0001	-		div for		
		To identify a composite unit of measure (See examples of use)	Figures Apper			
C00101	355	Unit or Basis for Measurement Code	М	ID 2/2		
		Code specifying the units in which a value is	being expresse	d, or		

code specifying the units in which a value is being expressed, o manner in which a measurement has been taken ΕA Each

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	1500 Heading Optional 10 To speci 1 At le 2 If DT 3 If eit DTM*09 DTM*150 DTM*992	Date/Time Reference y pertinent dates and times ast one of DTM02 DTM03 or DTM05 is red M04 is present, then DTM03 is required. her DTM05 or DTM06 is present, then the **D/TSENT{CCYYMMDD} (LSR-12)*D/TS *DDD{CCYYMMDD} (LSR-14) *****TM*DFDT{HHMM} (LSR-19) *DATED{CCYYMMDD} (LSR-36)	other is required.	-12)
		Data Element Summary		
Ref.	Data	-		
	<u>Element</u>	Name		
Attributes DTM01	374	Date/Time Qualifier	М	ID 3/3
	0/4	Code specifying type of date or time, or b		12 0/0
		097 Transaction Creation		
		150 Service Period Start		
		270 Date Filed		
		992 Date Requested		
DTM02	373	Date	Х	DT 8/8
		Date expressed as CCYYMMDD		
		D/TSENT (LSR-12) = Date Sent DDD (LSR-14) = Desired Due Date DATED (LSR-36) = Date of Agency Author	orization	
DTM03	337	Time	Х	TM 4/8
		Time expressed in 24-hour clock time as or HHMMSSD, or HHMMSSDD, where H (00-59), S = integer seconds (00-59) and decimal seconds are expressed as follow hundredths (00-99) D/TSENT{HHMM} (LSR-12) = Time Sent	= hours (00-23), M DD = decimal seco s: D = tenths (0-9) a	= minutes onds; and DD =
DTM05	1250	Date Time Period Format Qualifier	Х	ID 2/3
		Code indicating the date format, time form TM Time Expressed in Fo Time expressed in the the numerical express on a twenty-four hour expression of minutes	rmat HHMM format HHMM whe ion of hours in the clock and MM is the within an hour	ere HH is day based e numerical
DTM06	1251	Date Time Period Expression of a date, a time, or range of times DFDT{HHMM} (LSR-19) = Desired Frame		AN 1/35 es and

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*RE*REQTYP (LSR-23)
	SI*TI*AA*ACT (LSR-24)
	SI*TI*TY*TOS (LSR-44)

~ I

	Ref.	Data				
	Des.	Element	<u>Name</u>			
	<u>Attributes</u>					
М	SI01	559	Agency Qualifie	r Code	Μ	ID 2/2
			Code identifying t	he agency assigning the code values		
			TI	Telecommunications Industry		
М	SI02	1000	Service Charact	eristics Qualifier	Μ	AN 2/2
			Code from an ind characteristics	ustry code list qualifying the type of se	rvice	
			AA	Account Activity		
			RE	Requisition Type		
			TY	Type of Service		
Μ	SI03	234	Product/Service	ID	Μ	AN 1/48
			Identifying number	er for a product or service		
				Activity Conversion as specified) Fotal Conversion as Spec/no listing)		
			TOS $(LSR-44) = 7$	Type of Service		
			REQTYP (LSR-23	3) = Requisition Type and Status		

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						
	PID07 specifies the individual code list of the agency specified in PID03.						
Notes:	PIDUS. PID*S**TI*CONVIND***SO-RSQ*CONVIND (LSR-24a)						
NOLES.	PID*S**TI*AO***SO-RSQ*AGAUTH (LSR-35)						
	PID*S**TI*BI***SO-RSQ*FBI (EU-42)						
	PID*S**TI*PENDING***SO-RSQ*PENDING ORDER (LSR-108b)						

			Data Element	Julillary		
	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>			
	<u>Attributes</u>			_		
М	PID01	349	Item Description	n Type	Μ	ID 1/1
			Code indicating t	the format of a description		
			S	Structured (From Industry Code List)	
	PID03	559	Agency Qualifie	er Code	Х	ID 2/2
			Code identifying	the agency assigning the code values		
			TI	Telecommunications Industry		
				· · · · · · · · · · · · · · · · · · ·		
	PID04	751	Product Descrip		Х	AN 1/12
	PID04	751		otion Code ndustry code list which provides specif		-
	PID04	751	A code from an i	otion Code ndustry code list which provides specif		-
	PID04	751	A code from an i product characte	otion Code ndustry code list which provides specif rristic		-
	PID04	751	A code from an i product characte AO	otion Code ndustry code list which provides specif eristic Agency Authorization Status		-
	PID04	751	A code from an i product characte AO BI	otion Code ndustry code list which provides specif eristic Agency Authorization Status Final Bill Information Indicator		-
	PID04 PID07	751	A code from an i product characte AO BI CONVIND	otion Code ndustry code list which provides specif eristic Agency Authorization Status Final Bill Information Indicator Conversion Indicator Pending Order		-

PID08	1073	QualifierSO-RSQService Order - Reseller Questions listYes/No Condition or Response CodeOID 1/1Code indicating a Yes or No condition or response
		CONVIND (LSR-24a) = Conversion Indicator Y= (DWS: F - Full) N= (DWS: P - Partial)
		FBI (EU-42) = Final Bill Information Indicator Y= (DWS: D - Different) N= (DWS: E - Existing (Default))
		AGAUTH (LSR-35) = Agency Authorization Status PENDING ORDER (LSR-108b) - Pending Order Indicator

Segment:	N9 Reference Identification
Position:	2850
Loop:	N9 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To transmit identifying information as specified by the Reference Identification Qualifier
Syntax Notes:	 At least one of N902 or N903 is required. If N906 is present, then N905 is required. If either C04003 or C04004 is present, then the other is required. If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	 N906 reflects the time zone which the time reflects. N907 contains data relating to the value cited in N902.
Comments:	
Notes:	N9*H7*ORI*LNP****2W>MANUAL IND (NP-34a)
	Data Element Summary
Ref.	Data
Des.	<u>Element</u> <u>Name</u>

	<u>Attributes</u>				
Μ	N901	128	Reference Identification Qualifier	Μ	ID 2/3
			Code qualifying the Reference Identification		
			H7 Standard Clause		
	N902	127	Reference Identification	Х	AN 1/30
			Reference information as defined for a particular Transa specified by the Reference Identification Qualifier ORI Order Instructions	actior) Set or as
	N903	369	Free-form Description	Х	AN 1/45
			Free-form descriptive text		
			"LNP"		
	N907	C040	Reference Identifier	0	
			To identify one or more reference numbers or identificat specified by the Reference Qualifier	tion r	numbers as
М	C04001	128	Reference Identification Qualifier	Μ	ID 2/3
			Code qualifying the Reference Identification		
			2W Change Order Authority		
М	C04002	127	Reference Identification	Μ	AN 1/30
			Reference information as defined for a particular Transa specified by the Reference Identification Qualifier	actior	n Set or as
			MANUAL IND (NP-34a) = Manual Indicator		

Segment:	MTX Text		
Position:	2900		
Loop:	N9 Optional		
Level:	Heading		
Usage:	Optional		
Max Use:	>1		
Purpose:	To specify textual data		
Syntax Notes:	 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	e prii	nt",
	then MTX05 is required.		
Notes:	MTX**REMARKS (NP-34)		
	Data Element Summary		
Ref.	Data		
Des.	<u>Element</u> <u>Name</u>		
<u>Attributes</u>			
MTX02	1551 Message Text	Х	AN 1/4096

To transmit large volumes of message text

REMARKS (NP-34) = Remarks

Segment:	N9 Reference Identification
Position:	2850
Loop:	N9 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To transmit identifying information as specified by the Reference
	Identification Qualifier
Syntax Notes:	1 At least one of N902 or N903 is required.
	2 If N906 is present, then N905 is required.
	3 If either C04003 or C04004 is present, then the other is required.
	4 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 N906 reflects the time zone which the time reflects.
	2 N907 contains data relating to the value cited in N902.
Comments:	
Notes:	N9*H7*ORI*LSR****2W>MANUAL IND (LSR-108a)
	Data Element Summary
Ref.	Data

		Data			
	Des.	<u>Element</u>	<u>Name</u>		
	<u>Attributes</u>				
М	N901	128	Reference Identification Qualifier	Μ	ID 2/3
			Code qualifying the Reference Identification		
			H7 Standard Clause		
	N902	127	Reference Identification	Х	AN 1/30
			Reference information as defined for a particular Transa specified by the Reference Identification Qualifier ORI Order Instructions	ction	Set or as
	N903	369	Free-form Description	Х	AN 1/45
			Free-form descriptive text		
			"LSR"		
	N907	C040	Reference Identifier	0	
			To identify one or more reference numbers or identificat specified by the Reference Qualifier	ion n	umbers as
Μ	C04001	128	Reference Identification Qualifier	Μ	ID 2/3
			Code qualifying the Reference Identification		
			2W Change Order Authority		
Μ	C04002	127	Reference Identification	Μ	AN 1/30
			Reference information as defined for a particular Transa specified by the Reference Identification Qualifier	ction	Set or as
			MANUAL IND (LSR-108a) = Manual Indicator		

Segment:	MTX Text		
Position:	2900		
Loop:	N9 Optional		
Level:	Heading		
Usage:	Optional		
Max Use:	>1		
Purpose:	To specify textual data		
Syntax Notes:	 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:	 MTX05 is the number of lines to advance before printing. 		
Comments:	 If MTX04 is "AA - Advance the specific number of lines before 	ə prii	nt",
	then MTX05 is required.		
Notes:	MTX**REMARKS (LSR-108)		
	Data Element Summary		
Ref.	Data		
Des.	Element Name		
<u>Attributes</u>			
MTX02	1551 Message Text	Х	AN 1/4096

To transmit large volumes of message text

REMARKS (LSR-108) = Remarks

Segment:	N9 Reference Identification				
Position:	2850				
Loop:	N9 Optional				
Level:	Heading				
Usage:	Optional				
Max Use:	1				
Purpose:	To transmit identifying information as specified by the Reference Identification Qualifier				
Syntax Notes:	 At least one of N902 or N903 is required. If N906 is present, then N905 is required. If either C04003 or C04004 is present, then the other is required. If either C04005 or C04006 is present, then the other is required. 				
Semantic Notes:	 N906 reflects the time zone which the time reflects. N907 contains data relating to the value cited in N902. 				
Comments:					
Notes:	N9*H7*ORI*EU****2W>MANUAL IND (EU-63a)				
Ref.	Data Element Summary Data				

	Rei.	Dala			
	Des.	<u>Element</u>	<u>Name</u>		
	<u>Attributes</u>				
М	N901	128	Reference Identification Qualifier	Μ	ID 2/3
			Code qualifying the Reference Identification		
			H7 Standard Clause		
	N902	127	Reference Identification	Х	AN 1/30
			Reference information as defined for a particular Transa	ction	Set or as
			specified by the Reference Identification Qualifier		
			ORI Order Instructions		
	N903	369	Free-form Description	Х	AN 1/45
			Free-form descriptive text		
			"EU"		
	N907	C040	Reference Identifier	0	
			To identify one or more reference numbers or identificat	ion n	umbers as
			specified by the Reference Qualifier		
М	C04001	128	Reference Identification Qualifier	Μ	ID 2/3
			Code qualifying the Reference Identification		
			2W Change Order Authority		
М	C04002	127	Reference Identification	Μ	AN 1/30
			Reference information as defined for a particular Transa	ction	Set or as
			specified by the Reference Identification Qualifier		
			MANUAL IND (EU-63a) = Manual Indicator		

Segment:	MTX Text				
Position:	2900				
Loop:	N9 Optional				
Level:	Heading				
Usage:	Optional				
Max Use:	>1				
Purpose:	To specify textual data				
Syntax Notes:		, then MTX02 is required.			
•	•	, then MTX02 is required.			
		, then MTX04 is required.			
Semantic Notes:		er of lines to advance before printi	ng.		
Comments:	1 If MTX04 is "AA - Advance the specific number of lines before print",				
	then MTX05 is requi	•			
Notes:	MTX**REMARKS (EU-6				
		nt Summary			
Ref.	Data				
Des.	<u>Element</u> <u>Name</u>				
<u>Attributes</u>					
MTX02	1551 Message Text	t	X AN 1/4096		
	To transmit lar	ge volumes of message text			

REMARKS (EU-63) =Remarks

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:	 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:	 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. N105 and N106 further define the type of entity in N101.
Notes:	N1*78*CCNA (LSR-1)

Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	<u>Name</u>			
N101	98	Entity Identifie	er Code	Μ	ID 2/3
		Code identifying an individual 78	g an organizational entity, a physical loca Service Requester	ation,	property or
N102	93	Name		х	AN 1/60
		Free-form nam	e		
		CCNA (LSR-1)	= Customer Carrier Name Abbreviation		

PER Administrative Communications Contact

Segment:

Position: 3500 N1 Loop: Optional Level: Heading Usage: Optional Max Use: >1 Purpose: To identify a person or office to whom administrative communications should be directed If either PER03 or PER04 is present, then the other is required. Syntax Notes: 1 2 If either PER05 or PER06 is present, then the other is required.

3 If either PER07 or PER08 is present, then the other is required.

Semantic Notes:

Comments: Notes:

PER*AG*INIT (LSR-81)*TE*TEL NO (LSR-82)*FX*FAX NO (LSR-84)*EM*EMAIL (LSR-83)

PER*CN*IMPCON (LSR-91)*TE*TEL NO (LSR-92)

			Data Element	Summary		
	Ref.	Data				
	<u>Des.</u>	<u>Element</u>	<u>Name</u>			
м	Attributes PER01	366	Contact Function	Code	м	ID 2/2
	I EROI	000		ne major duty or responsibility of the p		-
			named		01001	r or group
			AG	Agent		
			CN	General Contact		
	PER02	93	Name		0	AN 1/60
			Free-form name			
				nitiator Identification		
		005) = Implementation Contact	v	
	PER03	365	Communication		Х	ID 2/2
				ne type of communication number		
		204	TE Communication I	Telephone	х	
	PER04	364	Communication I			AN 1/256
			applicable	nications number including country or	area	code when
				= Telephone Number		
	PER05	365	TEL NO (LSR-92) Communication	= Telephone Number	Х	ID 2/2
	FERUJ	305			^	
			FX	ne type of communication number Facsimile		
	PER06	364	Communication I		х	AN 1/256
		504		nications number including country or		
			applicable	incations number including country of	area	code when
				= Facsimile Number		
	PER07	365	Communication	Number Qualifier	Х	ID 2/2
			Code identifying th	ne type of communication number		
			EM	Electronic Mail		
	PER08	364	Communication	Number	Х	AN 1/256
			Complete commun	nications number including country or	area	code when

applicable EMAIL (LSR-83) = Electronic Mail Address

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:	 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. N105 and N106 further define the type of entity in N101.
Notes:	N1*BY**25*CC (LSR-29)

Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	Name		
N101	98	Entity Identifier Code	М	ID 2/3
		Code identifying an organizational entity, a physian individual	sical location,	property or
		BY Buying Party (Purchaser)		
N103	66	Identification Code Qualifier	Х	ID 1/2
		Code designating the system/method of code st Identification Code (67) 25 Carrier's Customer Code	tructure used	for
N104	67	Identification Code	Х	AN 2/80
		Code identifying a party or other code		
		CC (LSR-29) = Company Code		

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.
eymax noteel	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	 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. N105 and N106 further define the type of entity in N101.
Notes:	N1*AN*AUTHNM (LSR-37)
	Data Element Summary
Ref.	Data
Des.	Element Name
<u>Attributes</u>	

Code identifying an organizational entity, a physical location, property or

pick-up or origin point for a shipment

A geographic location designated as an authorized

Authorized From

AUTHNM (LSR-37) = Authorization Name

Entity Identifier Code

an individual AN

Free-form name

Name

Μ

N101

N102

98

93

ID 2/3

AN 1/60

Μ

Х

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:	 At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the
	"ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
	2 N105 and N106 further define the type of entity in N101.
Notes:	N1*X1*BILLNM (EU-43)
NOLES.	
Ref	Data Element Summary
Ret	Data

Ref.	Data				
Des.	<u>Element</u>	<u>Name</u>			
<u>Attributes</u>					
N101	98	Entity Identifier (Code	Μ	ID 2/3
		Code identifying a an individual	an organizational entity, a physical loca	tion,	property or
		X1	Mail to		
			An address to which a specified item	is to	be mailed
N102	93	Name		Χ	AN 1/60
		Free-form name			
		BILLNM (EU-43) :	= Bill Name		

	Segment:	N2 A	Additional Name Information				
	Position:	3100					
	Loop:		Optional				
	Level:	Heading					
	Usage:	Optional					
	Max Use:	2	7 1 1 1 1				
C. m	Purpose:	I o speci	fy additional names				
•	tax Notes: htic Notes:						
	omments:						
Ŭ	Notes:	N2*SBIL	LNM (EU-44)				
			Data Element Summary				
	Ref.	Data					
	Des.	<u>Element</u>	Name				
	<u>Attributes</u>						
М	N201	93	Name	M	AN 1/60		
			Free-form name				
			SBILLNM (EU-44) = Secondary Bill Name				

Segment:	N4 o	Geographic Location						
Position:	3300	3300						
Loop:	N1	Optional						
Level:	Heading							
Usage:	Optional							
Max Use:	>1							
Purpose:	To spec	ify the geographic place of the named party						
Syntax Notes:	•	one of N402 or N407 may be present.						
	2 If N4	106 is present, then N405 is required.						
	3 If N4	107 is present, then N404 is required.						
Semantic Notes:								
Comments:	1 A combination of either N401 through N404, or N405 and N406 may							
		dequate to specify a location.						
		2 is required only if city name (N401) is in the U.S. or Ca	nada					
Notes:	N4**STA	ATE (EU-49)*ZIP (EU-50)						
Ref.	Data	Data Element Summary						
		Nomo						
<u>Des.</u> Attributes	<u>Element</u>	Name						
N402	156	State or Province Code	х	ID 2/2				
11402	100		~					
		Code (Standard State/Province) as defined by appropria	ate g	overnment				
		agency STATE (EU-49) = State/Province						
			-	15 6/15				
N403	116	Postal Code	0	ID 3/15				

blanks (zip code for United States) ZIP (EU-50) = ZIP/Postal Code

Code defining international postal zone code excluding punctuation and

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes:	Optional
Comments: Notes:	NX2*01*SANO (EU-45b) NX2*02*SASN (EU-45e) NX2*03*SASD (EU-45d) NX2*07*CITY (EU-48) NX2*32*FLOOR (EU-46) NX2*35*ROOM/MAIL STOP (EU-47) NX2*40*SASS (EU-45g) NX2*59*SAPR (EU-45g) NX2*61*SASF (EU-45c) NX2*62*SATH (EU-45f)

		Data Element	Summary			
Ref. <u>Des.</u> Attributes		<u>Name</u>				
NX201	1106	Address Compo	nent Qualifier	М	ID 2/2	
		Code qualifying th	ne type of address component			
		01	Street Number			
		02	Street Name			
		03	Prefix Direction			
		07	City Name			
		32	Floor			
			A particular floor or level of a building	7		
		35	Room			
			A walled room or partitioned area of	a bu	ilding	
		40	Street Suffix		Ū	
		59	Street Number Low			
		61	Street Number Fraction			
		62	Street Name Suffix			
NX202	166	Address Informa	ation	М	AN 1/55	
		Address informati	ion			
		SANO (EU-45b) =	= Service Address Number			
		· · · ·				
		· · · · · · · · · · · · · · · · · · ·		refix		
				0.117		
				ıffix		
	<u>Des.</u> <u>Attributes</u> NX201	Des. Element Attributes NX201 1106	Ref. Data Des. Element Name Attributes 1106 Address Compo NX201 1106 Address Compo Code qualifying th 01 02 03 07 32 35 40 59 61 62 59 NX202 166 Address Informati SANO (EU-45b) = SASN (EU-45c) = SASN (EU-45c) = SASS (EU-45g) = SASS (EU-45g) = SASS (EU-45g) = SASS (EU-45g) = SASPR (EU-45a) = SASP (EU-45a) = SASF (EU-45c) =	Des. Attributes Element Name NX201 1106 Address Component Qualifier Code qualifying the type of address component 01 Street Number 01 Street Number 02 Street Name 03 Prefix Direction 07 City Name 32 Floor A particular floor or level of a building 35 35 Room A walled room or partitioned area of 40 40 Street Suffix 59 Street Number Low 61 Street Number Fraction 62 Street Name Suffix NX202 166 Address Information Address Street Name Suffix NX202 166 Address Information SANO (EU-45b) = Service Address Number SANO (EU-45b) = Service Address Street Directional Procent SASD (EU-45c) = Service Address Street Directional Procent SASD (EU-45c) = Service Address Street Directional Procent SASD (EU-45c) = Floor ROOM/MAIL STOP (EU-47) = Room/Mail Stop Stop	Ref. Data Element Name Attributes 1106 Address Component Qualifier M Code qualifying the type of address component 01 Street Number 01 Street Number 02 Street Name 03 Prefix Direction 07 City Name 03 Prefix Direction 07 City Name 32 Floor A particular floor or level of a building 35 Room A walled room or partitioned area of a building 40 Street Suffix 59 59 Street Number Low 61 61 Street Number Fraction 62 62 Street Name Suffix M Address Information M Address Information M Address Information SANO (EU-45b) = Service Address Number SASD (EU-45c) = Service Address Street Directional Prefix CITY (EU-48) = City FLOOR (EU-46) = Floor ROOM/MAIL STOP (EU-47) = Room/Mail Stop SASS (EU-45g) = Service Address Number Prefix SASF (EU-45c) = Street Address Number Prefix SASF (EU-45c) = Street Address Number Suffix SASF (EU-45c) = Street Address	Ref. Des. Attributes Data Element Name Attributes 1106 Address Component Qualifier M ID 2/2 Code qualifying the type of address component 01 Street Number 2 02 Street Name 03 Prefix Direction 07 City Name 32 Floor 35 Room A particular floor or level of a building 35 40 Street Suffix 59 Street Number Low 61 Street Number Low 61 Street Number Fraction 62 Street Name Suffix 59 Street Name Suffix NX202 166 Address Information M AN 1/55 Address Information SANO (EU-45b) = Service Address Number SASN (EU-45c) = Service Address Street Directional Prefix CITY (EU-48) = City FLOOR (EU-46) = Floor ROOM/MAIL STOP (EU-47) = Room/Mail Stop SASS (EU-45c) = Street Address Number Prefix SASP (EU-45c) = Service Address Number Prefix SASPR (EU-45c) = Service Address Number Prefix SASPR (EU-45c) = Street Address Number Prefix

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Semantic Notes: Comments: Notes:	3500 N1 Heading Optional >1 To identi should b 1 If eit 2 If eit 3 If eit	Optional fy a person or offic e directed her PER03 or PER her PER05 or PER her PER07 or PER	Communications Contact ee to whom administrative communic 04 is present, then the other is requ 06 is present, then the other is requ 08 is present, then the other is requ	iired. iired.	
		. ,	· · ·		
Ref. <u>Des.</u> Attributes	Data <u>Element</u>	Data Element S	Summary		
Attributes	366	Contact Function		М	ID 2/2
		Code identifying the named BI	he major duty or responsibility of the Bill Inquiry Contact Service Provider contact for makin information on the invoice		
PER02	93	Name	mormation on the invoice	ο	AN 1/60
		Free-form name BILLCON (EU-51)	-		
PER03	365		Number Qualifier	X	ID 2/2
		TE	he type of communication number Telephone		
PER04	364	applicable	Number nications number including country = Telephone Number	X or area	AN 1/256 code when

Segment:	SI Service Characteristic Identification
Position:	3550
Loop:	N1 Optional
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:	 SI01 defines the source for each of the service characteristics qualifiers.
Notes:	SI*TI [*] AF*AFT (EU-44a)

	Ref. Des.	Data Element	Name		
	Attributes				
Μ	SI01	559	Agency Qualifier Code	Μ	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
М	SI02	1000	Service Characteristics Qualifier	М	AN 2/2
			Code from an industry code list qualifying the type of se characteristics	ervice	2
			AF Address Format Type		
М	SI03	234	Product/Service ID	М	AN 1/48
			Identifying number for a product or service		
			AFT (EU-44a) = Address Format Type		

Segment:	${f POC}$ Line Item Change - End User Form (Location and Access
Position: Loop: Level: Usage:	Section) 0100 POC Optional Detail Optional
Max Use: Purpose: Syntax Nataau	To specify changes to a line item
Syntax Notes:	 If POC03 is present, then both POC04 and POC05 are required. If POC07 is present, then POC06 is required. If either POC08 or POC09 is present, then the other is required. If either POC10 or POC11 is present, then the other is required. If either POC12 or POC13 is present, then the other is required. If either POC14 or POC15 is present, then the other is required. If either POC16 or POC17 is present, then the other is required. If either POC16 or POC17 is present, then the other is required. If either POC18 or POC19 is present, then the other is required. If either POC20 or POC21 is present, then the other is required. If either POC22 or POC23 is present, then the other is required. If either POC24 or POC25 is present, then the other is required. If either POC26 or POC27 is present, then the other is required.
Semantic Notes: Comments:	1 POC01 is the purchase order line item identification.

Comments: Notes:

POC*n*RZ*****ZZ*EU_SA [POC Loop may repeat]

	Ref.	Data			
	Des.	<u>Element</u>	<u>Name</u>		
	<u>Attributes</u>				
	POC01	350	Assigned Identification	0	AN 1/20
			Alphanumeric characters assigned for differentiation with set	nin a	transaction
			"n" = nth assigned ID within POC loop		
М	POC02	670	Change or Response Type Code	М	ID 2/2
			Code specifying the type of change to the line item		
			RZ Replace All Values		
			Receiver should replace the corresponding values in the original purchase order with the values contained in the Purchase Order Change Transaction Set		
	POC08	235	Product/Service ID Qualifier	Х	ID 2/2
			Code identifying the type/source of the descriptive numb Product/Service ID (234) ZZ Mutually Defined	er u	sed in
	POC09	234	Product/Service ID	Χ	AN 1/48
			Identifying number for a product or service		
			"EU_SA"		

Segment:	N1 Name				
Position:	3400				
Loop:	N1 Optional				
Level:	Detail				
Usage:	Optional				
Max Use:	1				
Purpose:	To identify a party by type of organization, name, and code				
Syntax Notes:	1 At least one of N102 or N103 is required.				
	2 If either N103 or N104 is present, then the other is required.				
Semantic Notes:					
Comments:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the				
	"ID Code" (N104) must provide a key to the table maintained by the transaction processing party.				
	2 N105 and N106 further define the type of entity in N101.				
Notes:	N1*IT*NAME (EU-8)				

Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	Name	
N101	98	Entity Identifier Code	M ID 2/3
		Code identifying an organizational entity, a pl an individual	nysical location, property or
		IT Installation on Site	
N102	93	Name	X AN 1/60
		Free-form name	
		NAME (EU-8) = End User Name	

Segment:	N4 Geographic Location
Position:	3700
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 (EU-25)*ZIP (EU-26)**RJ*CALA (EU-26a)
	Data Element Summary
Ref.	Data
Des.	Element Name

Des.	<u>Element</u>	Name			
<u>Attributes</u>					
N402	156	State or Province Code	Х	ID 2/2	
		Code (Standard State/Province) as defined by appropria agency	ate g	overnment	
		STATE (EU-25) = State/Province			
N403	116	Postal Code	0	ID 3/15	
		Code defining international postal zone code excluding blanks (zip code for United States) ZIP (EU-26) = Zip/Postal Code	punc	tuation and	
N405	309	Location Qualifier	Х	ID 1/2	
		Code identifying type of location RJ Region			
N406	310	Location Identifier	Ο	AN 1/30	
		Code which identifies a specific location			
		CALA (EU-26a) = Customer Address Location Area			

NX2 Location ID Component Segment: Position: 3750 N1 Optional Loop: 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 (EU-11) NX2*02*SASN (EU-14) NX2*03*SASD (EU-13)

NX2*05*BOX (EU-23c) NX2*06*ROUTE (EU-23b) NX2*07*CITY (EU-24) NX2*39*AHN (EU-23a) NX2*40*SASS (EU-16) NX2*59*SAPR (EU-10) NX2*61*SASF (EU-12) NX2*62*SATH (EU-15) NX2*LD1 (EU-17)*LV1 (EU-18) NX2*LD2 (EU-19)*LV2 (EU-20) NX2*LD3 (EU-21)*LV3 (EU-22)

Data Element Summary

			Jannary		
Ref.	Data				
Des.	Element	Name			
Attributes					
NX201	1106	Address Compor	nent Qualifier	М	ID 2/2
		Code qualifying the	e type of address component		
		LD1 (EU-17) = Loo	cation Designator 1		
		13 = (DWS: AP	·		
		34 = (DWS: LOT	·		
		35 = (DWS: RM			
		36 = (DWS: SLI	•		
		37 = (DWS: UN)			
		14 = (DWS: SU	11)		
		LD2 (EU-19) = Loc	cation Designator 2		
		32 = (DWS: FLF			
		,	,		
		LD3 (EU-21) = Loo	cation Designator 3		
		12 = (DWS: BLI			
		63 = (DWS: WN	•		
		30 = (DWS: PIE			
		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 do	cked	1			
	32	Floor					
		A particular floor or level of a building	J				
	34	Lot					
		A particular lot or piece of land					
	35	Room					
		A walled room or partitioned area of a	a bui	lding			
	36	Slip					
		The slip or location on a pier at which	ı a sł	hip 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					
166	Address Information	tion	Μ	AN 1/55			
	Address information	วท					
	. ,	Service Address Number					
	SASN (EU-14) = Service Address Street Name						
	SASD (EU-13) = Service Address Street Directional Prefix BOX (EU-23c) = Box						
	ROUTE (EU-23b) = Route						
	CITY (EU-24) = City						
	AHN (EU-23a) = Assigned House Number						
	SASS (EU-16) = Service Address Street Directional Suffix						
	SAPR (EU-10) = Service Address Number Prefix						
	SASF (EU-12) = Service Address Number Suffix						
	SATH (EU-15) = Service Address Street Type LV1 (EU-18) = Location Value 1						
	$1\sqrt{2}$ (EU-20) – Loc						

LV2 (EU-20) = Location Value 2LV3 (EU-22) = Location Value 3

Μ

NX202

Segment:	SI Service Characteristic Identification
Position:	3950
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 (EU-9)

	Ref. <u>Des.</u>	Data <u>Element</u>	Name		
	<u>Attributes</u>				
Μ	SI01	559	Agency Qualifier Code	Μ	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
М	SI02	1000	Service Characteristics Qualifier	Μ	AN 2/2
			Code from an industry code list qualifying the type of se characteristics	ervice	•
			AF Address Format Type		
М	SI03	234	Product/Service ID	Μ	AN 1/48
Identifying number for a product or service					
		AFT (EU-9) = Address Format Type			

Segment:	POC Line Item Change - Local Number Portability (NP Form -
	Service Details Section)
Position:	0100
Loop:	POC Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify changes to a line item
Syntax Notes:	1 If POC03 is present, then both POC04 and POC05 are required.
	2 If POC07 is present, then POC06 is required.
	3 If either POC08 or POC09 is present, then the other is required.
	4 If either POC10 or POC11 is present, then the other is required.
	5 If either POC12 or POC13 is present, then the other is required.
	6 If either POC14 or POC15 is present, then the other is required.
	7 If either POC16 or POC17 is present, then the other is required.
	8 If either POC18 or POC19 is present, then the other is required.
	9 If either POC20 or POC21 is present, then the other is required.
	10 If either POC22 or POC23 is present, then the other is required.
	11 If either POC24 or POC25 is present, then the other is required.
	12 If either POC26 or POC27 is present, then the other is required.
Semantic Notes:	1 POC01 is the purchase order line item identification.
Comments:	

Com	ments:
	Notes:

POC*n*RZ*****ZZ*LNP [POC Loop repeats NPQTY (NP-5) times]

	Ref.	Data	-		
	Des.	Element	<u>Name</u>		
	<u>Attributes</u>				
	POC01	350	Assigned Identification	0	AN 1/20
			Alphanumeric characters assigned for differentiation with set	hin a	a transaction
			"n" = nth assigned ID within POC loop		
М	POC02	670	Change or Response Type Code	М	ID 2/2
Code specifying the type of change to the line it					
			RZ Replace All Values		
			Receiver should replace the correspond the original purchase order with the v in the Purchase Order Change Trans	e values contained	
	POC08	235	Product/Service ID Qualifier	Х	ID 2/2
			Code identifying the type/source of the descriptive numb Product/Service ID (234) ZZ Mutually Defined	er u	sed in
	POC09	234	Product/Service ID	Χ	AN 1/48
			Identifying number for a product or service		
			"LNP"		

Segment:	SI Service Characteristic Identification
Position:	0180
Loop:	POC Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.
	2 If either SI06 or SI07 is present, then the other is required.
	3 If either SI08 or SI09 is present, then the other is required.
	4 If either SI10 or SI11 is present, then the other is required.
	5 If either SI12 or SI13 is present, then the other is required.
	6 If either SI14 or SI15 is present, then the other is required.
	7 If either SI16 or SI17 is present, then the other is required.
	8 If either SI18 or SI19 is present, then the other is required.
	9 If either SI20 or SI21 is present, then the other is required.
Semantic Notes:	
Comments:	1 SI01 defines the source for each of the service characteristics
N 4	qualifiers.
Notes:	SI*TI*SA*LNA (NP-10) SI*TI*IT*PORTED NBR (NP-15) SI*TI*IP*NPT (NP-18) SI*TI*T6*TC OPT (NP-26)

			Data Element	Summary		
	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>			
	<u>Attributes</u>					
М	SI01	559	Agency Qualifier		Μ	ID 2/2
			Code identifying the	he agency assigning the code values		
			TI	Telecommunications Industry		
М	SI02	1000	Service Characte	eristics Qualifier	Μ	AN 2/2
			Code from an inde	ustry code list qualifying the type of se	rvice	
			IP	Number Portability Type		
			IT	Ported Telephone Number(s)		
			SA	Service Activity		
			Т6	Transfer of Calls Options		
М	SI03	234	Product/Service	ID	М	AN 1/48
			Identifying numbe	r for a product or service		
			D= (DWS: D-D	hange account)		
				P-15) = Ported Telephone Number		
				umber Portability Type		
			TC OPT (NP-26) :	= Transfer of Call Options		

	חום							
Segment:		Product/Item Description						
Position: Loop:	0500 PID	0500 PID Optional						
Level:	Detail	Οριοπαί						
Usage:	Optional							
Max Use:	1							
Purpose:		ibe a product or process in coded or free-form format						
Syntax Notes:		If PID04 is present, then PID03 is required. At least one of PID04 or PID05 is required.						
		D07 is present, then PID03 is required.						
		D08 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							
	being referred to.PID04 should be used for industry-specific product description							
	codes.							
		08 describes the physical characteristics of the product ide						
	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.PID09 is used to identify the language being used in PID05.							
Comments:	1 If PI							
	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						
		g described in the segment.	аусі					
	3 PID07 specifies the individual code list of the agency specified in							
PID03.								
Notes:	Notes: PID*S**TI*BC***SO-RSQ*TDT (NP-13)							
		Data Element Summary						
Ref.	Data	,						
Des.	<u>Element</u>	Name						
Attributes PID01	349	Itom Description Type	м	ID 1/1				
	349	Item Description Type Code indicating the format of a description	IVI					
		S Structured (From Industry Code List)						
PID03	559		х	ID 2/2				
11203	555	Code identifying the agency assigning the code values	~					
		TI Telecommunications Industry						
PID04	751		х	AN 1/12				
		A code from an industry code list which provides specific data about a						
		product characteristic	uut					
		BC Ten Digit Trigger						
PID07	822		0	AN 1/15				
		A reference that indicates the table or text maintained by	the	Source				
		Qualifier SO-RSQ Service Order - Reseller Questions lis	.+					
PID08	1073		ы О	ID 1/1				
	1075	Code indicating a Yes or No condition or response	-					
		TDT (NP-13) = Ten Digit Trigger						

Segment: Position: Loop: Level: Usage: Max Use: Purpose: Syntax Notes: Syntax Notes: Comments: Notes:	1000 POC Detail Optional >1 To speci 1 At le 2 If eit 3 If eit 1 REF	Reference Identification Optional fy identifying information ast one of REF02 or REF03 is required. her C04003 or C04004 is present, then the other is requi her C04005 or C04006 is present, then the other is requi 04 contains data relating to the value cited in REF02.		
Ref. <u>Des.</u> <u>Attributes</u> I REF01	Data <u>Element</u> 128	Reference Identification Qualifier	м	ID 2/3
REF02	127	Code qualifying the Reference Identification IX Item Number Reference Identification Reference information as defined for a particular Transa	X Inction	AN 1/30 Set or as

specified by the Reference Identification Qualifier LNUM (NP-8) = Line Number

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

м

REF03

352

Description

content "LNUM" Х

AN 1/80

 DTM Date/Time Reference 2000 POC Optional Detail Optional 10 To specify pertinent dates and times 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. 					
DTM*376*TC PER {CCYYMMDD} (NP-31)					
Data Element Summary Ref. Data					
Date/Time Q	ualifier M	ID 3/3			
Code specifying	ng type of date or time, or both date and time				
376	Delivery End				
	The date that deliveries will end				
Date	X	DT 8/8			
Date	Λ	D1 0/0			
2 410	ed as CCYYMMDD	010/0			
	Optional I nal becify pertinent da t least one of DTM DTM04 is presen either DTM05 or *376*TC PER {CC Data Elem tent Name Date/Time Q Code specifyi	Optional I nal Decify pertinent dates and times at least one of DTM02 DTM03 or DTM05 is required. DTM04 is present, then DTM03 is required. DTM05 or DTM06 is present, then the other is required. *376*TC PER {CCYYMMDD} (NP-31) Data Element Summary M Code specifying type of date or time, or both date and time 376 Delivery End			

М

CL NI	
Segment: SLN Subline Item Detail	
Position: 4600	
Loop: SLN Optional	
Level: Detail	
Usage: Optional	
Max Use: 1	
Purpose: To specify product subline detail item data	
Syntax Notes: 1 If either SLN04 or SLN05 is present, then the other is required.	
2 If SLN07 is present, then SLN06 is required.	
3 If SLN08 is present, then SLN06 is required.	
4 If either SLN09 or SLN10 is present, then the other is required.	
5 If either SLN11 or SLN12 is present, then the other is required.	
6 If either SLN13 or SLN14 is present, then the other is required.	
7 If either SLN15 or SLN16 is present, then the other is required.	
 8 If either SLN17 or SLN18 is present, then the other is required. 9 If either SLN19 or SLN20 is present, then the other is required. 	
 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*TCPRI*n*A*1*EA	
Data Element Summary	
Ref. Data	
<u>Des. Element Name</u>	
<u>Attributes</u>	
	_
A SLN01 350 Assigned Identification M AN 1	
Alphanumeric characters assigned for differentiation within a trans	
Alphanumeric characters assigned for differentiation within a trans set	
Alphanumeric characters assigned for differentiation within a trans set "TCPRI"	action
Alphanumeric characters assigned for differentiation within a trans set	action /20

	Attributes				
М	<u>Attributes</u> SLN01	350	Assigned Identification	М	AN 1/20
			Alphanumeric characters assigned for differentiation with	thin a	a transaction
			set		
			"TCPRI"		
	SLN02	350	Assigned Identification	0	AN 1/20
			Alphanumeric characters assigned for differentiation wi set	thin a	a transaction
			"n" = nth assigned ID within SLN loop		
М	SLN03	662	Relationship Code	Μ	ID 1/1
			Code indicating the relationship between entities		
			A Add		
	SLN04	380	Quantity	Х	R 1/15
			Numeric value of quantity		
Updated	: January 21, 200		vest Communications International, Inc. DI Disclosure Document – Version 9.0		109

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

Segment: S Service Characteristic Identification	
Position: 4700	
Loop: SLN Optional	
Level: Detail	
Usage: Optional	
Max Use: >1	
Purpose: To specify service characteristic data	
Syntax Notes: 1 If either SI04 or SI05 is present, then the other is r	equired.
2 If either SI06 or SI07 is present, then the other is r	•
3 If either SI08 or SI09 is present, then the other is r	•
4 If either SI10 or SI11 is present, then the other is r	•
5 If either SI12 or SI13 is present, then the other is r	•
6 If either SI14 or SI15 is present, then the other is r	equired.
7 If either SI16 or SI17 is present, then the other is r	equired.
8 If either SI18 or SI19 is present, then the other is r	equired.
9 If either SI20 or SI21 is present, then the other is r	equired.
Semantic Notes:	•
Comments: 1 SI01 defines the source for each of the service chargualifiers.	aracteristics
Notes: SI*TI*TC*TC TO PRI (NP-27)	

	Ref.	Data			
	Des.	<u>Element</u>	<u>Name</u>		
	<u>Attributes</u>				
Μ	SI01	559	Agency Qualifier Code	Μ	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
М	SI02	1000	Service Characteristics Qualifier	Μ	AN 2/2
			Code from an industry code list qualifying the type of se characteristics	rvice)
			TC Transfer Announcement Number		
М	SI03	234	Product/Service ID	Μ	AN 1/48
			Identifying number for a product or service		
			TC TO PRI (NP-27) = Transfer of Calls to Primary Num	ber	

Segment:	N1 Name
Position:	5360
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:	 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. N105 and N106 further define the type of entity in N101.
Notes:	N1*TT*TC NAME (NP-27b)

Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	Name		
N101	98	Entity Identifier Code	Μ	ID 2/3
		Code identifying an organizational entity, a physical an individual TT Transfer To	location,	property or
N102	93	Name	Х	AN 1/60
		Free-form name		
		TC NAME (NP-27b) = Transfer of Calls to Name		

Segment:	REF Reference Identification
Position:	5700
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*55*TCID (NP-27a)*PRI
	Data Element Summary
Ref.	Data
Des.	Element Name

Reference Identification Qualifier

Reference Identification

Code qualifying the Reference Identification

specified by the Reference Identification Qualifier TCID (NP-27a) = Transfer of Calls to Identifier

Sequence Number

Reference information as defined for a particular Transaction Set or as

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

М

Attributes

REF01

REF02

REF03

128

127

352

55

Description

content "PRI" Μ

Х

Х

ID 2/3

AN 1/30

AN 1/80

Segment:	SLN	Subline Item Detail	
Position:	4600		
Loop:	4000 SLN	Optional	
Level:	Detail	Optional	
Usage:	Optional		
Max Use:	1		
Purpose:	To spec	fy product subline detail item data	
Syntax Notes:		her SLN04 or SLN05 is present, then the other is required	
-	2 If SL	N07 is present, then SLN06 is required.	
		N08 is present, then SLN06 is required.	
		her SLN09 or SLN10 is present, then the other is required	
		her SLN11 or SLN12 is present, then the other is required	
		her SLN13 or SLN14 is present, then the other is required	
		her SLN15 or SLN16 is present, then the other is required	
		her SLN17 or SLN18 is present, then the other is required	
		her SLN19 or SLN20 is present, then the other is required her SLN21 or SLN22 is present, then the other is required	
		her SLN23 or SLN24 is present, then the other is required	
		her SLN25 or SLN26 is present, then the other is required	
		her SLN27 or SLN28 is present, then the other is required	
Semantic Notes:		01 is the identifying number for the subline item.	
		02 is the identifying number for the subline level. The subl	line
	leve	I is analogous to the level code used in a bill of materials.	
	3 SLN	03 is the configuration code indicating the relationship of t	he
		ine item to the baseline item.	
		08 is a code indicating the relationship of the price or amo	ount to
•		associated segment.	
Comments:		the Data Element Dictionary for a complete list of IDs.	- Bar -
		01 is related to (but not necessarily equivalent to) the bas	
		number. Example: 1.1 or 1A might be used as a subline r late to baseline number 1.	lumber
		09 through SLN28 provide for ten different product/service	
		each item. For example: Case, Color, Drawing No., U.P.C.	
		No., Model No., or SKU.	,
Notes:		SEC*n*A*1*EA [SLN Loop may repeat]	
		Dete Flement Summer	
Ref.	Data	Data Element Summary	
	Element	Name	
Attributes			
I SLN01	350	Assigned Identification	M AN 1/20
		Alphanumeric characters assigned for differentiation with	in a transaction
		set	
		"TCSEC"	
SLN02	350	Assigned Identification	O AN 1/20
		Alphanumeric characters assigned for differentiation with	in a transaction
		sot	

Updated: January 21, 2002 Qwest Communications International, Inc. 114 EDI Disclosure Document – Version 9.0

Numeric value of quantity

"n" = nth assigned ID within SLN loop

Code indicating the relationship between entities

Add

Μ

ID 1/1

X R 1/15

set

А

Quantity

Relationship Code

662

380

М

Μ

SLN03

SLN04

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

Segment:	SI Service Characteristic Identification
Position:	4700
Loop:	SLN Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify service characteristic data
Syntax Notes:	1 If either SI04 or SI05 is present, then the other is required.
-	2 If either SI06 or SI07 is present, then the other is required.
	3 If either SI08 or SI09 is present, then the other is required.
	4 If either SI10 or SI11 is present, then the other is required.
	5 If either SI12 or SI13 is present, then the other is required.
	6 If either SI14 or SI15 is present, then the other is required.
	7 If either SI16 or SI17 is present, then the other is required.
	8 If either SI18 or SI19 is present, then the other is required.
	9 If either SI20 or SI21 is present, then the other is required.
Semantic Notes:	
Comments:	1 SI01 defines the source for each of the service characteristics
	qualifiers.
Notes:	SI*TI*TC*TC TO SEC (NP-28)

	Ref.	Data			
	Des.	<u>Element</u>	<u>Name</u>		
	<u>Attributes</u>				
Μ	SI01	559	Agency Qualifier Code	Μ	ID 2/2
			Code identifying the agency assigning the code values		
			TI Telecommunications Industry		
М	SI02	1000	Service Characteristics Qualifier	Μ	AN 2/2
			Code from an industry code list qualifying the type of se characteristics	rvice	•
			TC Transfer Announcement Number		
М	SI03	234	Product/Service ID	Μ	AN 1/48
			Identifying number for a product or service		
			TC TO SEC (NP-28) = Transfer of Calls to Secondary N	lumb	er

Segment:	N1 Name				
Position:	5360				
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:	 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. N105 and N106 further define the type of entity in N101. 				
Notes:	N1*TT*TC NAME (NP-30)				

Μ

Ref. <u>Des.</u> <u>Attributes</u>	Data <u>Element</u>	Name		
N101	98	Entity Identifier Code	М	ID 2/3
		Code identifying an organizational entity, a physical an individual TT Transfer To	location,	property or
N102	93	Name	Х	AN 1/60
		Free-form name		
		TC NAME (NP-30) = Transfer of Calls to Name		

Segment:	REF Reference Identification			
Position:	5700			
Loop:	N1 Optional			
Level:	Detail			
Usage:	Optional			
Max Use:	12			
Purpose:	To specify identifying information			
Syntax Notes:	 At least one of REF02 or REF03 is required. If either C04003 or C04004 is present, then the other is required. If either C04005 or C04006 is present, then the other is required. 			
Semantic Notes: Comments:	1 REF04 contains data relating to the value cited in REF02.			
Notes:	REF*55*TCID (NP-29)*SEC			
5.6	Data Element Summary			
Ref.	Data			

М

<u>Des.</u> <u>Attributes</u>	<u>Element</u>	Name		
REF01	128	Reference Identification Qualifier	М	ID 2/3
		Code qualifying the Reference Identification		
		55 Sequence Number		
REF02	127	Reference Identification	Х	AN 1/30
		Reference information as defined for a particular Transac specified by the Reference Identification Qualifier	ction	Set or as
		TCID (NP-29) = Transfer of Calls to Identifier		
REF03	352	Description	Х	AN 1/80
		A free-form description to clarify the related data element content "SEC"	ts ar	nd their

Segment:	СТТ	Transaction Totals			
Position:	0100				
Loop:	CTT	Optional			
Level:	Summar	ý l			
Usage:	Optional				
Max Use:	1				
Purpose:		To transmit a hash total for a specific element in the transaction set			
Syntax Notes:		her CTT03 or CTT04 is present, then the other is required			
	2 If eit	her CTT05 or CTT06 is present, then the other is required	J.		
Semantic Notes:					
Comments:		segment is intended to provide hash totals to validate saction completeness and correctness.			
Notes:		nber of POC Segments			
		Data Element Summary			
Ref.	Data				
Des.	<u>Element</u>	<u>Name</u>			
<u>Attributes</u>					
A CTT01	354	Number of Line Items	Μ	N0 1/6	

Total number of line items in the transaction set

Μ

	Segment:	SE 1	ransaction Set Trailer			
	Position: Loop:	0300				
	Level: Usage:	Summar Mandato	•			
	Max Use:	1	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)				
-	tax Notes: tic Notes:					
С	omments:	1 SE i	s the last segment of each transaction set.			
	Notes:	SE*Number of Segments*TRAN SET CONTROL #				
			Data Element Summary			
	Ref.	Data				
	Des.	<u>Element</u>	<u>Name</u>			
	Attributes					
Μ	SE01	96	Number of Included Segments M	N0 1/10		
			Total number of segments included in a transaction set incl and SE segments	uding ST		
М	SE02	329	Transaction Set Control Number M	AN 4/9		
			Identifying control number that must be unique within the tra functional group assigned by the originator for a transaction			