Non-Fatal Error Response Transaction
Table of Contents

55. Non-Fatal Error Response Transaction

55.1 Business Description

Non-fatal errors are errors that occur after the order has successfully gone through the IMA. Qwest will then send a Non-Fatal Error Transaction indicating a non-fatal error code and reason, and the change(s) necessary to correct the request. To correct a non-fatal error, the CLEC may send a corrected request with the same PON and incremented version to correct the errors or they may choose to call the ISC representative to discuss the errors. When discussing the errors with a service representative, the service representative may choose to request a supplement or take a verbal correction from the CLEC. When the service representative accepts a verbal correction from the CLEC, an 855 or 865 FOC will be returned to the CLEC with the CFLAG marked and the corrections noted in the remarks section of the LSR. If the CLEC does not respond to the electronic notification of a non-fatal error before FOC within two Qwest ISC business hours, or a non-fatal error after FOC within four Qwest ISC business hours, the service center will send a manual fatal error to the CLEC.

55.2 Business Model

See Appendix H

55.3 Developer Worksheets

See Appendix D - Developer Worksheets - Post Order

55.4 Mapping Examples

55.4.1 855 Non-Fatal Error Response (855NF) - Version 4020

Legend of Symbols in this transaction example

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

ST*855*TRAN SET CONTROL#

BAK*44*__*JEOPARDY/ERROR/WORK GROUP STATUS INDICATOR*__$^{EJW-5}$*__PON__$^{EJW-3}$*PO Date

(See Trading Partner Access Information)

PER*OC*__REP__$^{EJW-6}$*TE*__TELEPHONE NO__$^{EJW-7}$

PAM*AH*__JEOP/ERROR/WORK GROUP STATUS NUM__ $^{EJW-9}$*EA

DTM*150*__DDD__{CCYYMMDD}$^{EJW-8}$

N9*H7*ORI* *NONFATAL*

MTX**__REMARKS__$^{EJW-14}$

N1*78* __CCNA__$^{EJW-1}$

N1*BY**25* __CC__$^{EJW-2}$

PO1*n*1*EA***ZZ* *NFERR*   [PO1 Loop may repeat]

N9*1Q*ORI* __JEOPARDY/ERROR/WORK GROUP STATUS CODE__$^{EJW-10}$

MTX**__JEOPARDY/ERROR/WORK GROUP STATUS DESCRIPTION__$^{EJW-11}$

CTT*Number of PO1 Segments

SE*Number of Segments*TRAN SET CONTROL #

Note: Work Group Status is currently not used by Qwest.

865 Non-Fatal Error Response (865NF) – Version 4020
The 865NF is identical to the 855NF with the following exceptions:

ST*865*TRAN SET CONTROL #
BCA*44****JEOPARDY/ERROR/WORK GROUP STATUS INDICATOR***$^{EJW-5}$*$***PON***$^{EJW-3}$***$***VER***$^{EJW-4}$*PO Date
(See Trading Partner Access Information)

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

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

55.5 Data Dictionary

55.5.1 855 Non-Fatal Error Response (855NF) - 4020

Functional Group ID=PR

Introduction:

The 855NF will be generated after the order has successfully gone through the IMA system and the service center has reviewed the order. The 855NF will provide the Co-Provider with the non-fatal error code and the change(s) requested by Qwest. The Co-provider will generate an 860 Supplemental Order with the same Purchase Order Number (PON) to correct and complete the order.

This implementation guideline references the following:
   1. ANSI ASC X12 Version 4020

85

Notes:

This 855 transaction includes the mappings for Error/Jeopardy/Work Group Status.

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
M	0100	ST	Transaction Set Header	M	1		
M	0200	BAK	Beginning Segment for Purchase Order Acknowledgment	M	1		
	0600	PER	Administrative Communications Contact	O	3		
	0950	PAM	Period Amount	O	10		
	1500	DTM	Date/Time Reference	O	10		
			LOOP ID - N9			1000	
	2800	N9	Reference Identification	O	1		
	2900	MTX	Text	O	>1		
			LOOP ID - N1			200	
	3000	N1	Name	O	1		
			LOOP ID - N1			200	
	3000	N1	Name	O	1		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - PO1			100000	
	0100	PO1	Baseline Item Data	O	1		n1
			LOOP ID - N9			1000	

				Req.		Loop	Notes and
	3500	N9	Reference Identification	O	1		
	3600	MTX	Text	O	>1		

Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - CTT			1	
	0100	CTT	Transaction Totals	O	1		n2
M	0300	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

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

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

Data Element Summary

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

Segment:	**BAK** Beginning Segment for Purchase Order Acknowledgment				

Position: 0200
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of the Purchase Order Acknowledgment Transaction Set and transmit identifying numbers and dates

Syntax Notes:
Semantic Notes:
    1   BAK04 is the date assigned by the purchaser to purchase order.
    2   BAK08 is the seller's order number.
    3   BAK09 is the date assigned by the sender to the acknowledgment.

Comments:
Notes: BAK*44*JEOPARDY/ERROR/WORK GROUP STATUS INDICATOR (EJW-5)*PON(EJW-3)*PO Date(See Trading Partner Access Information)

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	BAK01	353	**Transaction Set Purpose Code**	M	ID 2/2
			Code identifying purpose of transaction set		
			44 Rejection		
M	BAK02	587	**Acknowledgment Type**	M	ID 2/2
			Code specifying the type of acknowledgment		
			JEOPARDY/ERROR/WORK GROUP STATUS INDICATOR(EJW-5) = Jeopardy/Error Indicator		
			AC Acknowledge - With Detail and Change		
			AC = (DWS : N - Non-Fatal Error)		
M	BAK03	324	**Purchase Order Number**	M	AN 1/22
			Identifying number for Purchase Order assigned by the orderer/purchaser		
			PON(EJW-3) = Purchase Order Number		
M	BAK04	373	**Date**	M	DT 8/8
			Date expressed as CCYYMMDD		
			PO Date = Purchase Order Date(See Trading Partner Access Information)		

Segment: # PER Administrative Communications Contact

Position:	0600
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	3
Purpose:	To identify a person or office to whom administrative communications should be directed
Syntax Notes:	1 If either PER03 or PER04 is present, then the other is required.
	2 If either PER05 or PER06 is present, then the other is required.
	3 If either PER07 or PER08 is present, then the other is required.
Semantic Notes:	
Comments:	
Notes:	PER*OC*REP(EJW-6)*TE*TELEPHONE NO(EJW-7)

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
M PER01	366	**Contact Function Code**	M	**ID 2/2**
		Code identifying the major duty or responsibility of the person or group named		
		OC Order Contact		
PER02	93	**Name**	O	**AN 1/60**
		Free-form name		
		REP(EJW-6) = Provider Contact Representative		
PER03	365	**Communication Number Qualifier**	X	**ID 2/2**
		Code identifying the type of communication number		
		TE Telephone		
PER04	364	**Communication Number**	X	**AN 1/256**
		Complete communications number including country or area code when applicable		
		TELEPHONE NO(EJW-7) = Telephone Number		

	Segment:	**PAM** Period Amount

Position: 0950
Loop:
Level: Heading
Usage: Optional
Max Use: 10
Purpose: To indicate a quantity, and/or amount for an identified period
Syntax Notes:
1   If any of PAM01 PAM02 or PAM03 is present, then all are required.
2   At least one of PAM02 PAM05 or PAM14 is required.
3   If either PAM04 or PAM05 is present, then the other is required.
4   If either PAM06 or PAM07 is present, then the other is required.
5   If PAM07 is present, then at least one of PAM08 or PAM09 is required.
6   If PAM07 is present, then PAM06 is required.
7   If PAM08 is present, then PAM07 is required.
8   If PAM09 is present, then PAM07 is required.
9   If PAM10 is present, then at least one of PAM11 or PAM12 is required.
10 If PAM11 is present, then PAM10 is required.
11 If either PAM13 or PAM14 is present, then the other is required.

Semantic Notes:
1   PAM10, PAM11, or PAM12 are used when two dates are required.
2   PAM15 indicates whether the monetary amount identified in PAM05 is a net or gross value. A "Y" indicates amount is a gross value; an "N" indicates amount is a net value.

Comments:
Notes: PAM*AH*JEOP/ERROR/WORK GROUP STATUS NUM(EJW-9)*EA

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
PAM01	673	**Quantity Qualifier**	X	ID 2/2
		Code specifying the type of quantity		
		AH Number of Message Recipients		
		Number of recipients		
PAM02	380	**Quantity**	X	R 1/15
		Numeric value of quantity		
		JEOP/ERROR/WORK GROUP STATUS NUM(EJW-9) = Jeopardy, Error, Work Group Status Number		
PAM03	C001	**Composite Unit of Measure**	X	
		To identify a composite unit of measure (See Figures Appendix for examples of use)		
M C00101	355	**Unit or Basis for Measurement Code**	M	ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
		EA Each		

	Segment:	**DTM** Date/Time Reference			

Position:	1500
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	10
Purpose:	To specify pertinent dates and times
Syntax Notes:	**1** At least one of DTM02 DTM03 or DTM05 is required.
	2 If DTM04 is present, then DTM03 is required.
	3 If either DTM05 or DTM06 is present, then the other is required.
Semantic Notes:	
Comments:	
Notes:	DTM*150*DDD{CCYYMMDD}(EJW-8)

Data Element Summary

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

	Segment:	**N9** Reference Identification

Position: 2800
Loop: N9　　Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To transmit identifying information as specified by the Reference Identification Qualifier
Syntax Notes:
1　At least one of N902 or N903 is required.
2　If N906 is present, then N905 is required.
3　If either C04003 or C04004 is present, then the other is required.
4　If either C04005 or C04006 is present, then the other is required.
Semantic Notes:
1　N906 reflects the time zone which the time reflects.
2　N907 contains data relating to the value cited in N902.
Comments:
Notes: N9*H7*ORI*NONFATAL

Data Element Summary

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

Segment:	**MTX** Text
Position:	2900
Loop:	N9 Optional
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To specify textual data
Syntax Notes:	1 If MTX01 is present, then MTX02 is required.
	2 If MTX03 is present, then MTX02 is required.
	3 If MTX05 is present, then MTX04 is required.
Semantic Notes:	1 MTX05 is the number of lines to advance before printing.
Comments:	1 If MTX04 is "AA - Advance the specific number of lines before print", then MTX05 is required.
Notes:	MTX**REMARKS(EJW-14)

Data Element Summary

Ref. Des. Attributes	Data Element	Name			
MTX02	1551	**Message Text**	X	AN 1/4096
		To transmit large volumes of message text		
		REMARKS(EJW-14) = 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:	1 At least one of N102 or N103 is required.
		2 If either N103 or N104 is present, then the other is required.
	Semantic Notes:	
	Comments:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
		2 N105 and N106 further define the type of entity in N101.
	Notes:	N1*78*CCNA(EJW-1)

Data Element Summary

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

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

Data Element Summary

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

Segment:	**PO1** Baseline Item Data

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

Semantic Notes:
Comments:
1   See the Data Element Dictionary for a complete list of IDs.
2   PO101 is the line item identification.
3   PO106 through PO125 provide for ten different product/service IDs per each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.
Notes: PO1*n*1*EA***ZZ*NFERR [PO1 Loop may repeat]

Data Element Summary

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

	Segment:	**N9** Reference Identification

Position:	3500
Loop:	N9 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To transmit identifying information as specified by the Reference Identification Qualifier
Syntax Notes:	1 At least one of N902 or N903 is required.
	2 If N906 is present, then N905 is required.
	3 If either C04003 or C04004 is present, then the other is required.
	4 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 N906 reflects the time zone which the time reflects.
	2 N907 contains data relating to the value cited in N902.
Comments:	
Notes:	N9*1Q*ORI*JEOPARDY/ERROR/WORK GROUP STATUS CODE(EJW-10)

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
M N901	128	**Reference Identification Qualifier**	M	**ID 2/3**
		Code qualifying the Reference Identification		
		1Q Error Identification Code		
		Qualifies a single number that describes an error found in application-level data		
N902	127	**Reference Identification**	X	**AN 1/30**
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
		ORI Order Instructions		
N903	369	**Free-form Description**	X	**AN 1/45**
		Free-form descriptive text		
		JEOPARDY/ERROR/WORK GROUP STATUS CODE(EJW-10) = Jeopardy, Error, Work Group Status Code		

Segment: # MTX Text

Position: 3600
Loop: N9   Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify textual data
Syntax Notes: **1** If MTX01 is present, then MTX02 is required.
    2 If MTX03 is present, then MTX02 is required.
    3 If MTX05 is present, then MTX04 is required.
Semantic Notes: **1** MTX05 is the number of lines to advance before printing.
Comments: **1** If MTX04 is "AA - Advance the specific number of lines before print",
    then MTX05 is required.
Notes: MTX**JEOPARDY/ERROR/WORK GROUP STATUS DESCRIPTION(EJW-11)

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
MTX02	1551	Message Text	X	AN 1/4096

    To transmit large volumes of message text

    JEOPARDY/ERROR/WORK GROUP STATUS DESCRIPTION(EJW-11) = Jeopardy, Error, Work Group Status Description

	Segment:	**CTT** Transaction Totals

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

Data Element Summary

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

Segment: # SE Transaction Set Trailer

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

Data Element Summary

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

55.5.2 865 Non-Fatal Error Response (865NF)

Functional Group ID=CA

Introduction:

This 865NF is generated by Qwest when the 860 Supplemental Service Request has failed the IMA edits. This response tells the Co-Provider to resolve the non-fatal error(s) on the 860 and re-issue it with the same Purchase Order Number (PON).

This implementation guideline references the following:
   1. ANSI ASC X12 Version 4020

Notes:

This 865 transaction includes the mappings for Error/Jeopardy/Work Group Status.

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
M	0100	ST	Transaction Set Header	M	1		
M	0200	BCA	Beginning Segment for Purchase Order Change Acknowledgment	M	1		
	0600	PER	Administrative Communications Contact	O	3		
	0950	PAM	Period Amount	O	10		
	1500	DTM	Date/Time Reference	O	10		
			LOOP ID - N9			1000	
	2800	N9	Reference Identification	O	1		
	2900	MTX	Text	O	>1		
			LOOP ID - N1			200	
	3000	N1	Name	O	1		
			LOOP ID - N1			200	
	3000	N1	Name	O	1		

Detail:

Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
		LOOP ID - POC			>1	
0100	POC	Line Item Change	O	1		
		LOOP ID - N9			1000	
3500	N9	Reference Identification	O	1		
3600	MTX	Text	O	>1		

Summary:

Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments

			LOOP ID - CTT			1
	0100	CTT	Transaction Totals	O	1	n1
M	0300	SE	Transaction Set Trailer	M	1	

Transaction Set Notes

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

	Segment:	**ST** Transaction Set Header
	Position:	0100
	Loop:	
	Level:	Heading
	Usage:	Mandatory
	Max Use:	1
	Purpose:	To indicate the start of a transaction set and to assign a control number
	Syntax Notes:	
	Semantic Notes:	**1** The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
		2 The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition.
	Comments:	
	Notes:	ST*865*TRAN SET CONTROL #

Data Element Summary

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

	Segment:		**BCA** Beginning Segment for Purchase Order Change

BCA Beginning Segment for Purchase Order Change
Acknowledgment

Position:	0200
Loop:	
Level:	Heading
Usage:	Mandatory
Max Use:	1
Purpose:	To indicate the beginning of the Purchase Order Change Acknowledgment Transaction Set and transmit identifying numbers and dates
Syntax Notes:	
Semantic Notes:	**1** BCA06 is the date assigned by the purchaser to purchase order.
	2 BCA09 is the seller's order number.
	3 BCA10 is the date assigned by the sender to the acknowledgment.
	4 BCA11 is the date of the purchase order change request.
	5 BCA12 is the order change acknowledgment date.
Comments:	
Notes:	BCA*44*JEOPARDY/ERROR/WORK GROUP STATUS INDICATOR(EJW-5)*PON(EJW-3)**VER(EJW-4)*PO Date(See Trading Partner Access Information)

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
M	BCA01	353	**Transaction Set Purpose Code**	M	**ID 2/2**
			Code identifying purpose of transaction set		
			44 Rejection		
	BCA02	587	**Acknowledgment Type**	O	**ID 2/2**
			Code specifying the type of acknowledgment		
			JEOPARDY/ERROR/WORK GROUP STATUS INDICATOR(EJW-5) = Jeopardy/Error Indicator		
			AC Acknowledge - With Detail and Change		
			AC = (DWS : N - Non-Fatal Error)		
M	BCA03	324	**Purchase Order Number**	M	**AN 1/22**
			Identifying number for Purchase Order assigned by the orderer/purchaser		
			PON(EJW-3) = Purchase Order Number		
	BCA05	327	**Change Order Sequence Number**	O	**AN 1/8**
			Number assigned by the orderer identifying a specific change or revision to a previously transmitted transaction set		
			VER(EJW-4) = Version Identification		
M	BCA06	373	**Date**	M	**DT 8/8**
			Date expressed as CCYYMMDD		
			PO Date = Purchase Order Date(See Trading Partner Access Information)		

Segment: # PER Administrative Communications Contact

Position:	0600
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	3
Purpose:	To identify a person or office to whom administrative communications should be directed
Syntax Notes:	1 If either PER03 or PER04 is present, then the other is required.
	2 If either PER05 or PER06 is present, then the other is required.
	3 If either PER07 or PER08 is present, then the other is required.
Semantic Notes:	
Comments:	
Notes:	PER*OC*REP(EJW-6)*TE*TELEPHONE NO(EJW-7)

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
M PER01	366	**Contact Function Code**	**M**	**ID 2/2**

Code identifying the major duty or responsibility of the person or group named

OC   Order Contact

PER02	93	**Name**	**O**	**AN 1/60**

Free-form name

REP(EJW-6) = Provider Contact Representative

PER03	365	**Communication Number Qualifier**	**X**	**ID 2/2**

Code identifying the type of communication number

TE   Telephone

PER04	364	**Communication Number**	**X**	**AN 1/256**

Complete communications number including country or area code when applicable

TELEPHONE NO(EJW-7) = Telephone Number

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

Data Element Summary

	Ref. Des. Attributes	Data Element	Name		
	PAM01	673	**Quantity Qualifier**	X	ID 2/2
			Code specifying the type of quantity		
			AH　　　　　　　Number of Message Recipients 　　　　　　　　　　Number of recipients		
	PAM02	380	**Quantity**	X	R 1/15
			Numeric value of quantity		
			JEOP/ERROR/WORK GROUP STATUS NUM(EJW-9) = Jeopardy, Error, Work Group Status Number		
	PAM03	C001	**Composite Unit of Measure**	X	
			To identify a composite unit of measure (See Figures Appendix for examples of use)		
M	C00101	355	**Unit or Basis for Measurement Code**	M	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			EA　　　　　　　Each		

	Segment:	**DTM** Date/Time Reference

Segment: **DTM** Date/Time Reference

Position: 1500
Loop:
Level: Heading
Usage: Optional
Max Use: 10
Purpose: To specify pertinent dates and times
Syntax Notes: 1 At least one of DTM02 DTM03 or DTM05 is required.
2 If DTM04 is present, then DTM03 is required.
3 If either DTM05 or DTM06 is present, then the other is required.
Semantic Notes:
Comments:
Notes: DTM*150*DDD{CCYYMMDD}(EJW-8)

Data Element Summary

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

	Segment:	**N9** Reference Identification

Position: 2800
Loop: N9   Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To transmit identifying information as specified by the Reference Identification Qualifier
Syntax Notes:
  1   At least one of N902 or N903 is required.
  2   If N906 is present, then N905 is required.
  3   If either C04003 or C04004 is present, then the other is required.
  4   If either C04005 or C04006 is present, then the other is required.
Semantic Notes:
  1   N906 reflects the time zone which the time reflects.
  2   N907 contains data relating to the value cited in N902.
Comments:
Notes: N9*H7*ORI*NONFATAL

Data Element Summary

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

Segment:	**MTX** Text	
Position:	2900	
Loop:	N9 Optional	
Level:	Heading	
Usage:	Optional	
Max Use:	>1	
Purpose:	To specify textual data	
Syntax Notes:	1	If MTX01 is present, then MTX02 is required.
	2	If MTX03 is present, then MTX02 is required.
	3	If MTX05 is present, then MTX04 is required.
Semantic Notes:	1	MTX05 is the number of lines to advance before printing.
Comments:	1	If MTX04 is "AA - Advance the specific number of lines before print", then MTX05 is required.
Notes:	MTX**REMARKS(EJW-14)	

Data Element Summary

Ref. Des. Attributes	Data Element	Name			
MTX02	1551	**Message Text**	X	AN 1/4096
		To transmit large volumes of message text		
		REMARKS(EJW-14) = 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:	1 At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
	2 N105 and N106 further define the type of entity in N101.
Notes:	N1*78*CCNA(EJW-1)

Data Element Summary

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

Segment:		**N1** Name			

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

Data Element Summary

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

	Segment:	**POC** Line Item Change		

Position: 0100
Loop: POC   Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify changes to a line item
Syntax Notes:
1   If POC03 is present, then both POC04 and POC05 are required.
2   If POC07 is present, then POC06 is required.
3   If either POC08 or POC09 is present, then the other is required.
4   If either POC10 or POC11 is present, then the other is required.
5   If either POC12 or POC13 is present, then the other is required.
6   If either POC14 or POC15 is present, then the other is required.
7   If either POC16 or POC17 is present, then the other is required.
8   If either POC18 or POC19 is present, then the other is required.
9   If either POC20 or POC21 is present, then the other is required.
10   If either POC22 or POC23 is present, then the other is required.
11   If either POC24 or POC25 is present, then the other is required.
12   If either POC26 or POC27 is present, then the other is required.

Semantic Notes: 1   POC01 is the purchase order line item identification.
Comments:
Notes: POC*n*RZ******ZZ*NFERR [POC Loop may repeat]

Data Element Summary

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

Segment:	**N9** Reference Identification				

Position: 3500
Loop: N9   Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To transmit identifying information as specified by the Reference Identification Qualifier
Syntax Notes:
    1   At least one of N902 or N903 is required.
    2   If N906 is present, then N905 is required.
    3   If either C04003 or C04004 is present, then the other is required.
    4   If either C04005 or C04006 is present, then the other is required.
Semantic Notes:
    1   N906 reflects the time zone which the time reflects.
    2   N907 contains data relating to the value cited in N902.
Comments:
Notes: N9*1Q*ORI*JEOPARDY/ERROR/WORK GROUP STATUS CODE(EJW-10)

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
M N901	128	**Reference Identification Qualifier**	M	ID 2/3
		Code qualifying the Reference Identification		
		1Q Error Identification Code		
		Qualifies a single number that describes an error found in application-level data		
N902	127	**Reference Identification**	X	AN 1/30
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
		ORI Order Instructions		
N903	369	**Free-form Description**	X	AN 1/45
		Free-form descriptive text		
		JEOPARDY/ERROR/WORK GROUP STATUS CODE(EJW-10) = Jeopardy, Error, Work Group Status Code		

Segment:	**MTX** Text

Position:	3600
Loop:	N9 Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify textual data
Syntax Notes:	1 If MTX01 is present, then MTX02 is required.
	2 If MTX03 is present, then MTX02 is required.
	3 If MTX05 is present, then MTX04 is required.
Semantic Notes:	1 MTX05 is the number of lines to advance before printing.
Comments:	1 If MTX04 is "AA - Advance the specific number of lines before print", then MTX05 is required.
Notes:	MTX**JEOPARDY/ERROR/WORK GROUP STATUS DESCRIPTION(EJW-11)

Data Element Summary

Ref. Des. Attributes	Data Element	Name		
MTX02	1551	Message Text	X	AN 1/4096
		To transmit large volumes of message text		
		JEOPARDY/ERROR/WORK GROUP STATUS DESCRIPTION(EJW-11) = Jeopardy, Error, Work Group Status Description		

		Segment:	**CTT** Transaction Totals		

Segment: **CTT** Transaction Totals

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

Data Element Summary

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

		Segment:	**SE** Transaction Set Trailer		

Segment: **SE** Transaction Set Trailer

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

Data Element Summary

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