

Fatal Error Response Transaction

Table of Contents

54.	FATAL ERROR RESPONSE TRANSACTION	2
54.1	BUSINESS DESCRIPTION.....	2
54.2	BUSINESS MODEL.....	3
54.3	DEVELOPER WORKSHEETS.....	4
54.4	MAPPING EXAMPLES.....	5
54.4.1	855 Fatal Error Response (855FATAL) – Version 4020.....	5
54.4.2	865 Fatal Error Response (865FATAL) – Version 4020.....	6
54.5	DATA DICTIONARY	7
54.5.1	855 Fatal Error Response (855FATAL) - 4020.....	7
54.5.2	865 Fatal Error Response (865 FATAL)	23

54. Fatal Error Response Transaction

54.1 Business Description

Fatal errors are errors detected by either the IMA system or upon manual review of the service requests by the Qwest service center.

Fatal errors detected by the IMA system will prevent the request from being processed. The CLEC will be sent a Fatal Error transaction indicating a fatal error code and reason. System fatal errors are indicated by the Jeopardy Error Code Field (Field 10, on the "Error/Jeopardy" Developer Worksheet) not having a value of ORD. After correcting the service request, the CLEC must resubmit the service request to Qwest using the same PON and version number as the original request or submit a new PON. Qwest considers the receipt of the corrected LSR to signify receipt of the valid service request. If the Qwest Interconnect Service Center (ISC) erroneously generates a Fatal Error response for a LSR, the LSR can be placed back into the normal process with or without a supplement being sent. The decision to issue a supplement is at the CLEC's discretion.

Fatal errors detected by manual review will result in the service request being put in a hold status by Qwest. A Fatal Error transaction will be sent to the CLEC indicating a fatal error code, reason, and the change(s) necessary to complete the request. Manual fatal errors are indicated by the Jeopardy Error Code Field (Field 10, on the "Error/Jeopardy" Developer Worksheet) having an value of ORD. The CLEC must submit a supplemental request to correct the original LSR with the same PON and incremented version number as the original request or submit a new PON. Qwest considers the receipt of a correct supplemental request to signify receipt of the valid s

54.2 Business Model

See Appendix H

54.3 Developer Worksheets

See Appendix D - Developer Worksheets – PostOrder

54.4 Mapping Examples

54.4.1 855 Fatal Error Response (855FATAL) – Version 4020

Legend of Symbols in this transaction example

Symbol/Definition	Example
{ } = Valid Format	{CCYYMMDD}
<i>Bold/Italics</i> = Developer's Worksheet Element	<i>PON</i>
Superscript = Developer's Worksheet Ref # DWS used in this mapping example: EJW=Error/Jeopardy/Work Group Status	LSR-1
<i>Italics</i> = Literal	<i>GOOD</i>
<u>Underline</u> = Apply code conversion, used with <i>Bold/Italics</i> . Code conversion tables can be found in the data dictionary of this disclosure.	<u><i>ACT</i></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*}PODate
(See Trading Partner Access Information)

PER*OC****REP***^{EJW-6*}***TE***^{EJW-7}***TELEPHONE NO***

PAM*AH****JEOP/ERROR/WORK GROUP STATUS NUM***^{EJW-9*}EA

DTM*150****DDD***{CCYYMMDD}^{EJW-8}

N9*H7*ORI****FATAL***

MTX*****REMARKS***^{EJW-14}

N1*78****CCNA***^{EJW-1}

N1*BY**25****CC***^{EJW-2}

PO1*n*1*EA***ZZ****FERR*** [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.

54.4.2 865 Fatal Error Response (865FATAL) – Version 4020

The 865FATAL is identical to the 855FATAL 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* FERR

[POC Loop may repeat]

CTT*Number of POC Segments

SE*Number of Segments*TRAN SET CONTROL #

54.5 Data Dictionary

54.5.1 855 Fatal Error Response (855FATAL) - 4020

Functional Group ID=**PR**

Introduction:

This 855 Fatal Error Response is generated by Qwest when the 850 Service Request failed the IMA edits. This response tells the Co-Provider to resolve the fatal error(s) on the Service Request 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 855 transaction includes the mappings for Error/Jeopardy/Work Group Status.

Heading:

<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Notes and RepeatComments</u>	
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:

<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Notes and RepeatComments</u>	
LOOP ID - PO1					100000	
	0100	PO1	Baseline Item Data	O	1	n1
LOOP ID - N9					1000	
	3500	N9	Reference Identification	O	1	
	3600	MTX	Text	O	>1	

Summary:

<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Notes and RepeatComments</u>
		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

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

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

Position: 0200

Loop:

Level: Heading

Usage: Mandatory

Max Use: 1

Purpose: To indicate the beginning of the Purchase Order Acknowledgment Transaction Set and transmit identifying numbers and dates

Syntax Notes:

Semantic Notes:

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

Comments:

Notes:

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

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>		
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		
			RF Reject with Exception Detail Only		
			RF = (DWS : F - 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.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	
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.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	
<u>Attributes</u>			
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

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>		
	<u>Des.</u>					
M	<u>DTM01</u>	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*FATAL

Data Element Summary

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

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

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

Semantic Notes:

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

Comments:

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

Notes: MTX**REMARKS(EJW-14)

Data Element Summary

<u>Ref.</u> <u>Des.</u> <u>Attributes</u>	<u>Data</u> <u>Element</u>	<u>Name</u>		
MTX02	1551	Message Text	X	AN 1/4096
		To transmit large volumes of message text		
		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

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

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

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*FERR [PO1 Loop may repeat]

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>		
Attributes				
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		
		"FERR"		

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

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

Segment: **MTX** Text
Position: 3600
Loop: N9 Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify textual data
Syntax Notes:

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

Semantic Notes:

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

Comments:

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

Notes: MTX**JEOPARDY/ERROR/WORK GROUP STATUS DESCRIPTION(EJW-11)

Data Element Summary

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

	<u>Ref.</u>	<u>Data</u>		
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
M	<u>Attributes</u> CTT01	354	Number of Line Items Total number of line items in the transaction set	M NO 1/6

Segment: **SE** Transaction Set Trailer
Position: 0300
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Syntax Notes:

Semantic Notes:

Comments: 1 SE is the last segment of each transaction set.

Notes: SE*Number of Segments*TRAN SET CONTROL #

Data Element Summary

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

Introduction:

This 865 Fatal Error Response is generated by Qwest when the 860 Supplemental Service Request has failed the IMA edits. This response tells the Co-Provider to resolve the 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:

<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Notes and RepeatComments</u>	
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:

<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Notes and RepeatComments</u>	
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:

<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Notes and RepeatComments</u>
-----------------	----------------	-------------	------------------	----------------	--------------------------------------

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

Transaction Set Notes

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

Segment: **ST** Transaction Set Header

Position: 0100

Loop:

Level: Heading

Usage: Mandatory

Max Use: 1

Purpose: To indicate the start of a transaction set and to assign a control number

Syntax Notes:

Semantic Notes:

- 1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
- 2 The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition.

Comments:

Notes: ST*865*TRAN SET CONTROL #

Data Element Summary

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

Segment: **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

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

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.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	
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.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	
<u>Attributes</u>			
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

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>		
	<u>Des.</u>					
	<u>Attributes</u>					
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*FATAL

Data Element Summary

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

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

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

Semantic Notes:

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

Comments:

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

Notes: MTX**REMARKS(EJW-14)

Data Element Summary

<u>Ref.</u> <u>Des.</u> <u>Attributes</u>	<u>Data</u> <u>Element</u>	<u>Name</u>		
MTX02	1551	Message Text	X	AN 1/4096
		To transmit large volumes of message text		
		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

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

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

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*FERR [POC Loop may repeat]

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
Attributes				
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	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	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	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		
		"FERR"		

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

Segment: **MTX** Text
Position: 3600
Loop: N9 Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify textual data
Syntax Notes:

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

Semantic Notes:

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

Comments:

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

Notes: MTX**JEOPARDY/ERROR/WORK GROUP STATUS DESCRIPTION(EJW-11)

Data Element Summary

<u>Ref.</u> <u>Des.</u> <u>Attributes</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	X	AN 1/4096
MTX02	1551	Message Text 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 POC Segments

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	
M	<u>Des.</u> <u>Attributes</u> CTT01	354	Number of Line Items Total number of line items in the transaction set	M NO 1/6

Segment: **SE** Transaction Set Trailer
Position: 0300
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Syntax Notes:

Semantic Notes:

Comments: 1 SE is the last segment of each transaction set.

Notes: SE*Number of Segments*TRAN SET CONTROL #

Data Element Summary

	<u>Ref.</u> <u>Des.</u> <u>Attributes</u>	<u>Data</u> <u>Element</u>	<u>Name</u>		
M	SE01	96	Number of Included Segments	M	NO 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		