



The Global Network for B2B Integration in High Tech Industries

Transaction Set

865

**Purchase Order Change
Acknowledgment/Request, Seller-Initiated**

Functional Group ID = CA
X12 Version 004 Release 010

December 2002



Revision History

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OVERVIEW

1. FUNCTIONAL DEFINITION

This Draft Standard for Trial Use contains the format and establishes the data contents of the Purchase Order Change Acknowledgment/Request – Seller Initiated Transaction Set (865) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to convey acceptance or rejection of changes to a previously submitted purchase order by the seller or to notify the buyer of changes initiated by the seller to a previously submitted purchase order by the seller.

2. CONSIDERATIONS

3. TRADING PARTNERS

1. Any seller to any buyer.

4. EDIFICE BUSINESS MODELS

5. FIELD OF APPLICATION

This transaction may be applied for both national and international trade. It is based on universal commercial practice and is not dependent on the type of business or industry.

6. FORMAT

The transmission in the ASC X12 format uses two required envelopes. One is the ISA Interchange Control Header Segment, which starts and identifies an interchange of zero or more functional groups and interchange-related control segments. The ISA includes the sender's mailbox address and a receiver's mailbox address, and specifies which delimiter (a/k/a control, service) characters (data element separator, component element separator and data segment terminator) are being used.

There are no default service characters reserved for use in ASC X12. Allowable service characters should be discussed between trading partners.

The second required envelope is GS Functional Group Header, which indicates the beginning of a functional group and provides group level control information. The GS segment includes functional group level sender and receiver addresses, typically used by the trading partner(s) for internal routing. The GS also includes the GS08 ASC X12 Version/Release/Industry Identifier Code. EDIFICE does not recommend the use of an Industry Identifier code.



The functional groups are analogous to batches of like documents, i.e. purchase orders, invoices, etc. Each functional group contains one or more transaction sets (electronic documents).

Each transaction set is an ordered collection of segments.

Each segment is an ordered collection of data elements. Each segment has been assigned a two or three character identifier. This identifier marks the beginning of each segment. Each element within the segment is separated by a data element delimiter. EDIFICE recommends the use of the asterisk (*) character as a data element delimiter. A segment terminator character is used to mark the end of a segment.

Any shaded areas indicate EDIFICE recommended usage and comment.

7. ATTRIBUTES

Each data element has three ANSI attributes: Element usage, element type and minimum/maximum length. EDIFICE has additional usage indicated for optional segments and elements which are noted in the following table.

MARGIN	ATTRIBUTE	DE NOTE	MEANING
Must Use	M (Mandatory)	N/A	If a segment, composite, or stand alone data element is mandatory according to the standard, EDIFICE cannot change the mandatory status on that component. <i>DATA ELEMENT within a COMPOSITE:</i> A data element within a composite is mandatory only if the composite is used.
X	C or X (Conditional) or O (Optional)	No note or NOT USED	EDIFICE has determined no value in supplying the composite or data element; hence, it need not be generated.
Blank	C or X (Conditional) or O (Optional)	REQUIRED	EDIFICE members agree that the data concerned must be sent.
Blank	C or X (Conditional) or O (Optional)	No note	Indicates that EDIFICE makes no recommendation regarding usage. The trading partners must agree on usage.
Blank	C or X (Conditional) or O (Optional)	ADVISED	EDIFICE has determined value in supplying the data element; hence, it should be generated.
Blank	C or X (Conditional) or O (Optional)	DEPENDING	Data must be sent if a particular defined condition or set of conditions exist. The associated conditions must be explained at the appropriate level of detail.

8. CHANGES FROM VERSION 3020

Only segments, elements or codes used by EDIFICE are listed. Because this is a recast and EDIFICE is not adding codes to any code lists except codes identified in EDIFICE's guidelines for product and other identifiers. Type ID fields which have increased in maximum length are not listed.

- All date fields changed from 6/6 (YYMMDD) to 8/8 (CCYYMMDD)
- Changes made to harmonize related transactions 850, 855, 860 and 865; added SAC segment at detail level, with element and code usage based on harmonization with 865; miscellaneous changes to code lists and notes.
- Changes made to bring transaction into conformance with Product and Other ID supporting document; miscellaneous changes to code lists and notes.
- Change Order Acknowledgment support document added code 'AE' Acknowledge with Exception Detail, 'RD' Reject with Detail, 'RF' Reject with Exception Detail Only, and 'RJ' Reject with No Detail' to DE 587 (used in BCA02).
- Per Change Order Acknowledgment Issue Log added usage of BCA13, DE 92 Purchase Order Type. Codes 'CF' Confirmation, 'CP' Change to Purchase Order, 'CR' Change to Release, and 'RL' Release or Delivery Order added.
- Per Change Order support document added code 'CJ' Clause Number to DE 128 (used in REF01 at header and detail level).
- SSS Special Services segment and ITA Allowance, Charge or Service segment both replaced by SAC Service, Promotion, Allowance, or Charge Information Segment, equivalent codes and data elements available. DE 1300 replaces DE 560 (Special Services Code).
- Per Product and Other ID support document, added codes to DE 98 and DE 66 code lists (used in N1 segment).
- Per Product and Other ID support document, changed N2, N3 and N4 segments to 'Used'
- Per Product and Other ID support document added code code 'EM' Electronic Mail to DE 365 (used in PER03).
- Max length of DE 350 Assigned Identification (used in POC01) changed from 11 to 20; EDIFICE still recommends that trading partners use no more than 6 bytes.
- Per Blanket Order support document, usage of DE 360 Assigned Identification (used in POC01) is changed to required for acknowledgment for Stand Alone Purchase Orders and optional for acknowledgment for Blanket Purchase Orders.
- Blanket Change Order support document added code 'CA' Change to Line Item to DE 670 (used in POC02); per Change Order support document added code 'MU' [Multiple] For Unit Price Quantity Reschedule Change, 'PC' Price Change, 'PQ' Unit Price / Quantity Change, 'PR' Unit Price / Reschedule Change.
- Usage of Unit or Basis for Measurement Code (used in POC05) changed to a Composite Unit of Measure. Use of DE 355 (Unit or Basis for Measurement Code) remains the same.
- Requirement of DE 234 Product/Service ID Qualifier (used in POC segment) changed from 'O' Optional to 'X' Conditional
- Per Product and Other ID supporting document, added codes to DE 235 code list (used in POC segment).
- Per Product and Other ID support document, removed usage of DE 234 code 'PW' Part Drawing. See code list for POC08.
- Change Order Issue Log recommends Release Number be carried in a REF segment (at POC loop).
- Per Blanket Change Order support document added code 'RE' Release Number to REF01 (in POC loop).



- Per Change Order support document and Blanket Order support document, added code '011' Shipped, '036' Expiration, '067' Current Schedule Delivery, '068' Current Schedule Ship, '112' Buyers Dock to DE 374 (used in ACK04).
- Added codes to DE 374 (used in DTM01) to conform to code list for DE 374 (used on SCH segment) in the 860 transaction..
- Removed usage of DE 634 Century in DTM segment (DTM05).
- Requirement for CTT segment changed from 'M' Mandatory to 'O' Optional.



SEGMENT TABLES

865 Purchase Order Change Acknowledgment– List of Used and Not Used Segments

Heading:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BCA	Beginning Segment for Purchase Order Change Acknowledgment	M	1		
Not Used	040	CUR	Currency	O	1		
	050	REF	Reference Identification	O	>1		
Not Used	060	PER	Administrative Communications Contact	O	3		
Not Used	070	TAX	Tax Reference	O	>1		
Not Used	080	FOB	F.O.B. Related Instructions	O	>1		
Not Used	090	CTP	Pricing Information	O	>1		
Not Used	095	PAM	Period Amount	O	10		
Not Used	110	CSH	Sales Requirements	O	1		
LOOP ID – SAC						25	
Not Used	120	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
Not Used	125	CUR	Currency	O	1		
Not Used	130	ITD	Terms of Sale/Deferred Terms of Sale	O	5		
Not Used	140	DIS	Discount Detail	O	20		
Not Used	145	INC	Installment Information	O	1		
Not Used	150	DTM	Date/Time Reference	O	10		
Not Used	160	LDT	Lead Time	O	12		
Not Used	180	LIN	Item Identification	O	5		n1
Not Used	185	SI	Service Characteristic Identification	O	>1		
Not Used	190	PID	Product/Item Description	O	200		
Not Used	200	MEA	Measurements	O	40		
Not Used	210	PWK	Paperwork	O	25		
Not Used	220	PKG	Marking, Packaging, Loading	O	25		
Not Used	230	TD1	Carrier Details (Quantity and Weight)	O	2		
Not Used	240	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
Not Used	250	TD3	Carrier Details (Equipment)	O	12		
Not Used	260	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5		
Not Used	266	PCT	Percent Amounts	O	>1		
Not Used	270	MAN	Marks and Numbers	O	10		
Not Used	275	TXI	Tax Information	O	>1		
Not Used	276	CTB	Restrictions/Conditions	O	>1		
Not Used	277	G53	Maintenance Type	O	>1		
LOOP ID – N9						1000	
Not Used	280	N9	Reference Identification	O	1		
Not Used	285	DTM	Date/Time Reference	O	>1		
Not Used	290	MSG	Message Text	O	1000		
LOOP ID – N1						200	



	300	N1	Name	O	1
	310	N2	Additional Name Information	O	2
	320	N3	Address Information	O	2
	330	N4	Geographic Location	O	1
Not Used	335	NX2	Location ID Component	O	>1
Not Used	340	REF	Reference Identification	O	12
Not Used	350	PER	Administrative Communications Contact	O	>1
Not Used	355	SI	Service Characteristic Identification	O	>1
Not Used	360	FOB	F.O.B. Related Instructions	O	1
Not Used	370	TD1	Carrier Details (Quantity and Weight)	O	2
Not Used	380	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12
Not Used	390	TD3	Carrier Details (Equipment)	O	12
Not Used	400	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5
Not Used	410	PKG	Marking, Packaging, Loading	O	25
Not Used	420	MSG	Message Text	O	>1
LOOP ID - AMT					>1
Not Used	430	AMT	Monetary Amount	O	1
Not Used	440	PCT	Percent Amounts	O	>1
LOOP ID - ADV					>1
Not Used	450	ADV	Advertising Demographic Information	O	1
Not Used	460	DTM	Date/Time Reference	O	>1
Not Used	470	MTX	Text	O	>1

Detail:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
LOOP ID - POC							>1
	010	POC	Line Item Change	O	1		
Not Used	015	LIN	Item Identification	O	>1		
Not Used	018	SI	Service Characteristic Identification	O	>1		
Not Used	020	CUR	Currency	O	1		
Not Used	030	PO3	Additional Item Detail	O	25		
Not Used	040	CTP	Pricing Information	O	>1		
Not Used	045	PAM	Period Amount	O	10		
Not Used	049	MEA	Measurements	O	40		
LOOP ID - PID							1000
Not Used	050	PID	Product/Item Description	O	1		
Not Used	060	MEA	Measurements	O	10		
Not Used	070	PWK	Paperwork	O	25		
Not Used	080	PKG	Marking, Packaging, Loading	O	25		
	090	PO4	Item Physical Details	O	>1		
	100	REF	Reference Identification	O	>1		
Not Used	110	PER	Administrative Communications Contact	O	3		
LOOP ID - SAC							25
	130	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
Not Used	135	CUR	Currency	O	1		
Not Used	140	IT8	Conditions of Sale	O	1		
Not Used	142	CSH	Sales Requirements	O	>1		
Not Used	150	ITD	Terms of Sale/Deferred Terms of Sale	O	2		



Not Used	160	DIS	Discount Detail	O	20	
Not Used	165	INC	Installment Information	O	1	
Not Used	170	TAX	Tax Reference	O	>1	
Not Used	180	FOB	F.O.B. Related Instructions	O	>1	
Not Used	190	SDQ	Destination Quantity	O	500	
Not Used	200	DTM	Date/Time Reference	O	10	
Not Used	230	TD1	Carrier Details (Quantity and Weight)	O	1	
Not Used	240	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
Not Used	250	TD3	Carrier Details (Equipment)	O	12	
Not Used	260	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
Not Used	265	TXI	Tax Information	O	>1	
Not Used	266	PCT	Percent Amounts	O	>1	
LOOP ID - ACK					104	
	270	ACK	Line Item Acknowledgment	O	1	
	280	DTM	Date/Time Reference	O	1	
Not Used	290	MAN	Marks and Numbers	O	10	
Not Used	291	SPI	Specification Identifier	O	>1	
Not Used	292	MSG	Message Text	O	>1	
Not Used	293	CTB	Restrictions/Conditions	O	>1	
LOOP ID - AMT					>1	
Not Used	300	AMT	Monetary Amount	O	1	n2
Not Used	301	PCT	Percent Amounts	O	>1	
LOOP ID - QTY					>1	
Not Used	302	QTY	Quantity	O	1	
Not Used	303	SI	Service Characteristic Identification	O	>1	
LOOP ID - SCH					200	
Not Used	305	SCH	Line Item Schedule	O	1	
Not Used	310	TD1	Carrier Details (Quantity and Weight)	O	2	
Not Used	315	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
Not Used	320	TD3	Carrier Details (Equipment)	O	12	
Not Used	330	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
Not Used	333	REF	Reference Identification	O	>1	
LOOP ID - LDT					>1	
Not Used	335	LDT	Lead Time	O	1	
Not Used	340	QTY	Quantity	O	>1	
Not Used	342	MSG	Message Text	O	1	
LOOP ID - LM					>1	
Not Used	344	LM	Code Source Information	O	1	
Not Used	346	LQ	Industry Code	M	>1	
LOOP ID - N9					1000	
Not Used	350	N9	Reference Identification	O	1	
Not Used	355	DTM	Date/Time Reference	O	>1	
Not Used	360	MSG	Message Text	O	1000	
LOOP ID - N1					200	
Not Used	370	N1	Name	O	1	
Not Used	380	N2	Additional Name Information	O	2	
Not Used	390	N3	Address Information	O	2	
Not Used	400	N4	Geographic Location	O	1	



Not Used	403	QTY	Quantity	0	>1
Not Used	405	NX2	Location ID Component	0	>1
Not Used	410	REF	Reference Identification	0	12
Not Used	420	PER	Administrative Communications Contact	0	3
Not Used	425	SI	Service Characteristic Identification	0	>1
Not Used	426	DTM	Date/Time Reference	0	1
Not Used	430	FOB	F.O.B. Related Instructions	0	1
Not Used	435	SCH	Line Item Schedule	0	200
Not Used	440	TD1	Carrier Details (Quantity and Weight)	0	2
Not Used	450	TD5	Carrier Details (Routing Sequence/Transit Time)	0	12
Not Used	460	TD3	Carrier Details (Equipment)	0	12
Not Used	470	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	0	5
Not Used	480	PKG	Marking, Packaging, Loading	0	25
LOOP ID - LDT					>1
Not Used	485	LDT	Lead Time	0	1
Not Used	486	MAN	Marks and Numbers	0	10
Not Used	487	QTY	Quantity	0	5
Not Used	488	MSG	Message Text	0	1
LOOP ID - SLN					1000
Not Used	490	SLN	Subline Item Detail	0	1
Not Used	495	MSG	Message Text	0	>1
Not Used	500	SI	Service Characteristic Identification	0	>1
Not Used	510	PID	Product/Item Description	0	1000
Not Used	520	PO3	Additional Item Detail	0	25
Not Used	522	CTP	Pricing Information	0	25
Not Used	523	PAM	Period Amount	0	10
Not Used	530	ACK	Line Item Acknowledgment	0	104
LOOP ID - SAC					10
Not Used	540	SAC	Service, Promotion, Allowance, or Charge Information	0	1
Not Used	545	CUR	Currency	0	1
Not Used	550	DTM	Date/Time Reference	0	10
Not Used	554	PO4	Item Physical Details	0	1
Not Used	557	TAX	Tax Reference	0	3
Not Used	558	ADV	Advertising Demographic Information	0	>1
LOOP ID - QTY					>1
Not Used	561	QTY	Quantity	0	1
Not Used	562	SI	Service Characteristic Identification	0	>1
LOOP ID - N9					>1
Not Used	563	N9	Reference Identification	0	1
Not Used	564	DTM	Date/Time Reference	0	>1
LOOP ID - N1					10
Not Used	565	N1	Name	0	1
Not Used	570	N2	Additional Name Information	0	2
Not Used	580	N3	Address Information	0	2
Not Used	590	N4	Geographic Location	0	1
Not Used	600	NX2	Location ID Component	0	>1
Not Used	610	REF	Reference Identification	0	12
Not Used	620	PER	Administrative Communications Contact	0	3
Not Used	625	SI	Service Characteristic Identification	0	>1



			LOOP ID - PD			>1
Not Used	630	PD	Pricing Data	O		1
Not Used	640	PDD	Pricing Data Detail	O		>1

Summary:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
			LOOP ID - CTT			1	
	010	CTT	Transaction Totals	O	1		n3
Not Used	020	AMT	Monetary Amount	O	5		n4
Must Use	030	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. If segment LIN is used, do not use LIN01.
2. If AMT is used in the detail area, then AMT01 will = 1 and AMT02 will indicate total line amount as calculated by the sender.
3. 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.
4. When AMT is used, then one occurrence of AMT01 will = TT and AMT02 will indicate total transaction amount as calculated by the sender.

Segment: **ST** Transaction Set Header

Position: 010

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).

Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	ST01	143	Transaction Set Identifier Code	M ID 3/3

Code uniquely identifying a Transaction Set
 865 Purchase Order Change
 Acknowledgment/Request – Seller Initiated

Must Use	ST02	329	Transaction Set Control Number	M AN 4/9
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Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

The control number is assigned by the sender. It should be sequentially assigned within each functional group to aid in error recovery and research. The control number in the SE segment (SE02) must be identical to the control number in the ST segment for each transaction.



Segment: BCA Beginning Segment for Purchase Order Change Acknowledgment

Position: 020
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:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	BCA01	353	Transaction Set Purpose Code	M ID 2/2
			Code identifying purpose of transaction set 00 Original 19 Seller initiated change	
Must Use	BCA02	587	Acknowledgment Type	O ID 2/2
			Code specifying the type of acknowledgment Required by EDIFICE.	
			If BCA01 is equal to "19" then the change is seller initiated.	
			AC Acknowledge – With Detail and Change	
			AD Acknowledge – With Detail, No Change	
			AE Acknowledge – With Exception Detail Only	
			AK Acknowledge – No Detail or Change	
			RD Reject with Detail	
			RF Reject with Exception Detail Only	
			RJ Rejected – No Detail	
Must Use	BCA03	324	Purchase Order Number	M AN 1/22
			Identifying number for Purchase Order assigned by the orderer/purchaser This number is equal to the value received in the 860 BCH03 (DE 324) field.	



	BCA04	328	Release Number Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction EDIFICE Usage: OPTIONAL. While release number may be carried at the header level, it is recommended that release number be carried in an REF segment at the line item level. Release numbers should be returned to the buyer if they are received. Should equal the release number received from the buyer on the BEG segment in the 850 transaction or the BCH in the 860 transaction.	O AN 1/30
	BCA05	327	Change Order Sequence Number Number assigned by the orderer identifying a specific change or revision to a previously transmitted transaction set EDIFICE Usage: REQUIRED. See "Implementation Recommendations for Change Orders and Acknowledgments" (4/95).	O AN 1/8
Must Use	BCA06	373	Date Date expressed as CCYYMMDD EDIFICE Usage: REQUIRED. Purchase Order Date. Buyer's purchase order date as received in transaction 850.	M DT 8/8
	BCA07	326	Request Reference Number Reference number or RFQ number to use to identify a particular transaction set and query (additional reference number or description which can be used with contract number) EDIFICE Usage: OPTIONAL. If used this number should be the buyer's internal reference/RFQ number as received on the BEG segment in the 850 transaction.	O AN 1/45
	BCA08	367	Contract Number Contract number EDIFICE Usage: OPTIONAL. The buyer's contract number as received on the BEG segment in the 850 transaction should be returned in this field. For contract business this field should be used rather than a header level REF segment.	O AN 1/30
	BCA09	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier EDIFICE Usage: OPTIONAL. The seller's internal order number should be returned to the buyer in this field.	O AN 1/30
	BCA10	373	Date Date expressed as CCYYMMDD EDIFICE Usage: ADVISED. The date the purchase order change acknowledgment was generated.	O DT 8/8
	BCA11	373	Date Date expressed as CCYYMMDD EDIFICE Usage: ADVISED. Purchase Order Change Request Date.	O DT 8/8
Not Used	BCA12	373	Date Date expressed as CCYYMMDD	O DT 8/8
	BCA13	92	Purchase Order Type Code Code specifying the type of Purchase Order	O ID 2/2



EDIFICE Usage: ADVISED. Type of Change Order being acknowledged.

CF Confirmation
CP Change to Purchase Order
CR Change to Release
RL Release or Delivery Order
An order for goods and services placed against a pre-existing contract or blanket order

Not Used **BCA14** **786** **Security Level Code** **O ID 2/2**

Code indicating the level of confidentiality assigned by the sender to the information following
Refer to 004010 Data Element Dictionary for acceptable code values.

Not Used **BCA15** **640** **Transaction Type Code** **O ID 2/2**

Code specifying the type of transaction
Refer to 004010 Data Element Dictionary for acceptable code values.



Segment: REF Reference Identification

- Position:** 050
- Loop:**
- Level:** Heading
- Usage:** Optional
- Max Use:** >1
- Purpose:** To specify identifying information
- Syntax Notes:**
 - 1 At least one of REF02 or REF03 is required.
 - 2 If either C04003 or C04004 is present, then the other is required.
 - 3 If either C04005 or C04006 is present, then the other is required.
- Semantic Notes:**
 - 1 REF04 contains data relating to the value cited in REF02.

Comments:

Notes: EDIFICE Usage: OPTIONAL. The REF segment may be returned when sending an acknowledgment to an add item, "AI" (Add Item) in the POC02 Change or Reason field (DE 670) of the POC segment of the 860. There is one reference number per segment. See IMPLEMENTATION RECOMMENDATIONS FOR PRODUCT AND OTHER IDENTIFIERS (June 1997).

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification	
			CJ Clause Number	
			DQ Delivery Quote Number	
			GC Government Contract Number	
			GP Government Priority Number	
			IT Internal Customer Number	
			PH Priority Rating	
			PR Price Quote Number	
			VN Vendor Order Number	
	REF02	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
			EDIFICE Usage: REQUIRED.	
Not Used	REF03	352	Description	X AN 1/80
			A free-form description to clarify the related data elements and their content	
Not Used	REF04	C040	Reference Identifier	O
			To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	
Not Used	C04001	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification	
			Refer to 004010 Data Element Dictionary for acceptable code values.	



Not Used	C04002	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M AN 1/30
Not Used	C04003	128	Reference Identification Qualifier Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 2/3
Not Used	C04004	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
Not Used	C04005	128	Reference Identification Qualifier Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 2/3
Not Used	C04006	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30



Segment: N1 Name

- Position:** 300
- 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: EDIFICE Usage: REQUIRED. This segment is used to identify the parties involved in the transaction set. It is encouraged that the trading partners codify all addresses within their system.

Data Element Summary

Ref.	Data Element	Name	Attributes	
Must Use	N101	98 Entity Identifier Code	M ID 2/3	
		Code identifying an organizational entity, a physical location, property or an individual		
		28	Subcontractor	
		AK	Party to Whom Acknowledgment Should Be Sent	
		BT	Bill-to-Party	
		BY	Buying Party (Purchaser)	
		CN	Consignee	
		DB	Distributor Branch	
		DS	Distributor	
		EN	End User	
		MA	Party for whom Item is Ultimately Intended	
		MF	Manufacturer of Goods	
		PG	Prime Contractor	
		RI	Remit To	
		SE	Selling Party	
		SF	Ship From	
		ST	Ship To	
	SU	Supplier/Manufacturer		
N102	93	Name	X AN 1/60	
		Free-form name		
		EDIFICE Usage: ADVISED.		



	N103	66	Identification Code Qualifier	X	ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)		
			EDIFICE Usage: DEPENDING. Required if N104 used.		
			1 D-U-N-S Number, Dun & Bradstreet		
			9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix		
			91 Assigned by Seller or Seller's Agent		
			92 Assigned by Buyer or Buyer's Agent		
	N104	67	Identification Code	X	AN 2/80
			Code identifying a party or other code		
			EDIFICE Usage: ADVISED.		
Not Used	N105	706	Entity Relationship Code	O	ID 2/2
			Code describing entity relationship Refer to 004010 Data Element Dictionary for acceptable code values.		
Not Used	N106	98	Entity Identifier Code	O	ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual Refer to 004010 Data Element Dictionary for acceptable code values.		



Segment: N2 Additional Name Information

Position: 310

Loop: N1 Optional

Level: Heading

Usage: Optional

Max Use: 2

Purpose: To specify additional names or those longer than 35 characters in length

Syntax Notes:

Semantic Notes:

Comments:

Notes: EDIFICE Usage: OPTIONAL. Use only when address information cannot be conveyed via an Identification Code on the N1 segment. See IMPLEMENTATION RECOMMENDATIONS FOR PRODUCT AND OTHER IDENTIFIERS (June 1997).

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N201	93	Name	M AN 1/60
	N202	93	Free-form name Name Free-form name EDIFICE Usage: OPTIONAL.	O AN 1/60



Segment: N3 Address Information

Position: 320
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party

Syntax Notes:
Semantic Notes:
Comments:

Notes: EDIFICE Usage: OPTIONAL. Use only when address information cannot be conveyed via an Identification Code on the N1 segment. See IMPLEMENTATION RECOMMENDATIONS FOR PRODUCT AND OTHER IDENTIFIERS (June 1997).

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N301	166	Address Information	M AN 1/55
	N302	166	Address information Address Information Address information EDIFICE Usage: OPTIONAL.	O AN 1/55



Segment: N4 Geographic Location

- Position:** 330
- Loop:** N1 Optional
- Level:** Heading
- Usage:** Optional
- Max Use:** 1
- Purpose:** To specify the geographic place of the named party
- Syntax Notes:** 1 If N406 is present, then N405 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:** EDIFICE Usage: OPTIONAL. Use only when address information cannot be conveyed via an Identification Code on the N1 segment. See IMPLEMENTATION RECOMMENDATIONS FOR PRODUCT AND OTHER IDENTIFIERS (June 1997).

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
N401	19	City Name Free-form text for city name EDIFICE Usage: ADVISED.	O AN 2/30
N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency EDIFICE Usage: OPTIONAL.	O ID 2/2
N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States) EDIFICE Usage: ADVISED.	O ID 3/15
N404	26	Country Code Code identifying the country EDIFICE Usage: ADVISED.	O ID 2/3
Not Used	N405	309 Location Qualifier Code identifying type of location Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 1/2
Not Used	N406	310 Location Identifier Code which identifies a specific location	O AN 1/30



Segment: POC Line Item Change

Position: 010
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:

Comments:

Notes:

EDIFICE Usage: DEPENDING. Required if Acknowledgment Type in BCA segment indicates that detail is being sent. There is one POC segment for each different part number. If the value of BCH01 Transaction Set Purpose Code is equal to "01" (Cancellation) in the 860 transaction set being acknowledged, the POC loop is not required but may be used at the option of the trading partners.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
POC01	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set EDIFICE Usage: DEPENDING. Line item number (Assigned Identity) is required for Stand-Alone Purchase Orders but optional for Blanket Purchase orders. Assigned Identity is a sequential number assigned to each line item by the buyer. Must equal line number of the original purchase order or "Add Item" change order. The use of the POC line item in both the buyer's and seller's systems is encouraged.	O AN 1/20
Must Use	POC02	670 Change or Response Type Code Code specifying the type of change to the line item AI Add Additional Item(s) DI Delete Item(s) MU (Multiple) For Unit Price Quantity Reschedule Change	M ID 2/2



			NC	Concurrent Item (No Change)	
			PC	Price Change	
			PQ	Unit Price/Quantity Change	
			PR	Unit Price/Reschedule Change	
			QD	Quantity Decrease	
			QI	Quantity Increase	
			RQ	Reschedule/Quantity Change	
			RS	Reschedule	
	POC03	330	Quantity Ordered		O R 1/15
			Quantity ordered		
			EDIFICE Usage: REQUIRED.		
	POC04	671	Quantity Left to Receive		X R 1/9
			Quantity left to receive as qualified by the unit of measure		
			EDIFICE Usage: REQUIRED.		
	POC05	C001	Composite Unit of Measure		X
			To identify a composite unit of measure (See Figures Appendix for examples of use)		
Must Use	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		
			EDIFICE Usage: REQUIRED.		
			EA	Each	
Not Used	C00102	1018	Exponent		O R 1/15
			Power to which a unit is raised		
Not Used	C00103	649	Multiplier		O R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	C00104	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		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
Not Used	C00105	1018	Exponent		O R 1/15
			Power to which a unit is raised		
Not Used	C00106	649	Multiplier		O R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	C00107	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		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
Not Used	C00108	1018	Exponent		O R 1/15
			Power to which a unit is raised		
Not Used	C00109	649	Multiplier		O R 1/10



Value to be used as a multiplier to obtain a new value



Not Used	C00110	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 Refer to 004010 Data Element Dictionary for acceptable code values.		
Not Used	C00111	1018	Exponent	O	R 1/15
			Power to which a unit is raised		
Not Used	C00112	649	Multiplier	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	C00113	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 Refer to 004010 Data Element Dictionary for acceptable code values.		
Not Used	C00114	1018	Exponent	O	R 1/15
			Power to which a unit is raised		
Not Used	C00115	649	Multiplier	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
	POC06	212	Unit Price	X	R 1/17
			Price per unit of product, service, commodity, etc. EDIFICE Usage: REQUIRED.		
	POC07	639	Basis of Unit Price Code	O	ID 2/2
			Code identifying the type of unit price for an item EDIFICE Usage: REQUIRED.		
			CA Catalog		
			CT Contract		
			DI Distributor		
			HP Price per Hundred		
			PE Price per Each		
			QT Quoted		
			TE Contract Price per Each		
			TP Price per Thousand		
	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) EDIFICE Usage: REQUIRED.		
			AB Assembly		
			BP Buyer's Part Number		
			DR Drawing Revision Number		
			EC Engineering Change Level		
			EN European Article Number (EAN) (2-5-5-1)		
			MG Manufacturer's Part Number		
			PC Prime Contractor Part Number		
			PN Company Part Number		
			PT Print or Drawing		



		UP VP	U.P.C. Consumer Package Code (1-5-5-1) Vendor's (Seller's) Part Number	
POC09	234	Product/Service ID		X AN 1/48 Identifying number for a product or service EDIFICE Usage: REQUIRED. At least one occurrence of a combination of data elements 235 (Product/Service ID Qualifier) and 234 (Product/Service ID) is required. Additionally the use of the combination of these data elements must conform to IMPLEMENTATION RECOMMENDATIONS FOR PRODUCT AND OTHER IDENTIFIERS (June 1997).
POC10	235	Product/Service ID Qualifier		X ID 2/2 Code identifying the type/source of the descriptive number used in Product/Service ID (234) See code values under POC08.
POC11	234	Product/Service ID		X AN 1/48 Identifying number for a product or service
POC12	235	Product/Service ID Qualifier		X ID 2/2 Code identifying the type/source of the descriptive number used in Product/Service ID (234) See code values under POC08.
POC13	234	Product/Service ID		X AN 1/48 Identifying number for a product or service
POC14	235	Product/Service ID Qualifier		X ID 2/2 Code identifying the type/source of the descriptive number used in Product/Service ID (234) See code values under POC08.
POC15	234	Product/Service ID		X AN 1/48 Identifying number for a product or service
POC16	235	Product/Service ID Qualifier		X ID 2/2 Code identifying the type/source of the descriptive number used in Product/Service ID (234) See code values under POC08.
POC17	234	Product/Service ID		X AN 1/48 Identifying number for a product or service
POC18	235	Product/Service ID Qualifier		X ID 2/2 Code identifying the type/source of the descriptive number used in Product/Service ID (234) See code values under POC08.
POC19	234	Product/Service ID		X AN 1/48 Identifying number for a product or service
POC20	235	Product/Service ID Qualifier		X ID 2/2 Code identifying the type/source of the descriptive number used in Product/Service ID (234) See code values under POC08.
POC21	234	Product/Service ID		X AN 1/48 Identifying number for a product or service
POC22	235	Product/Service ID Qualifier		X ID 2/2 Code identifying the type/source of the descriptive number used in Product/Service ID (234) See code values under POC08.



POC23	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
POC24	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) See code values under POC08.	X	ID 2/2
POC25	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
POC26	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) See code values under POC08.	X	ID 2/2
POC27	234	Product/Service ID Identifying number for a product or service	X	AN 1/48



Segment: PO4 Item Physical Details

Position: 090
Loop: POC Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify the physical qualities, packaging, weights, and dimensions relating to the item

- Syntax Notes:**
- 1 If either PO402 or PO403 is present, then the other is required.
 - 2 If PO405 is present, then PO406 is required.
 - 3 If either PO406 or PO407 is present, then the other is required.
 - 4 If either PO408 or PO409 is present, then the other is required.
 - 5 If PO410 is present, then PO413 is required.
 - 6 If PO411 is present, then PO413 is required.
 - 7 If PO412 is present, then PO413 is required.
 - 8 If PO413 is present, then at least one of PO410 PO411 or PO412 is required.
 - 9 If PO417 is present, then PO416 is required.
 - 10 If PO418 is present, then PO404 is required.

- Semantic Notes:**
- 1 PO415 is used to indicate the relative layer of this package or range of packages within the layers of packaging. Relative Position 1 (value R1) is the innermost package.
 - 2 PO416 is the package identifier or the beginning package identifier in a range of identifiers.
 - 3 PO417 is the ending package identifier in a range of identifiers.
 - 4 PO418 is the number of packages in this layer.

- Comments:**
- 1 PO403 – The "Unit or Basis for Measure Code" in this segment position is for purposes of defining the pack (PO401) /size (PO402) measure which indicates the quantity in the inner pack unit. For example: If the carton contains 24 12-Ounce packages, it would be described as follows: Data element 356 = "24"; Data element 357 = "12"; Data element 355 = "OZ".

Notes:

2 PO413 defines the unit of measure for PO410, PO411, and PO412. EDIFICE Usage: OPTIONAL. Packaging information is conveyed using DE103 Packaging Code in the PO4 segment. That is a 5 digit, concatenated field with the first 3 digits for "packaging form" and the final 2 for "packaging material".

See IMPLEMENTATION RECOMMENDATIONS FOR PRODUCT AND OTHER IDENTIFIERS (June 1997).

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Not Used	PO401	356	Pack	O N0 1/6
			The number of inner containers, or number of eaches if there are no inner containers, per outer container	
Not Used	PO402	357	Size	X R 1/8



Not Used	PO403	355	Size of supplier units in pack Unit or Basis for Measurement Code	X	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.		
	PO404	103	Packaging Code	X	AN 3/5
			Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging Material; if the Data Element is used, then Part 1 is always required EDIFICE Usage: REQUIRED. These agreements apply to "secondary packaging", not items such as "surface mount", which are considered to be part specifications.		
			This does not apply to shipping packaging, which is used in segment TD1.		
			BLK Bulk RAL Rail (Semiconductor) REL Reel TRY Tray 90 Standard		
Not Used	PO405	187	Weight Qualifier	O	ID 1/2
			Code defining the type of weight Refer to 004010 Data Element Dictionary for acceptable code values.		
Not Used	PO406	384	Gross Weight per Pack	X	R 1/9
			Numeric value of gross weight per pack		
Not Used	PO407	355	Unit or Basis for Measurement Code	X	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.		
Not Used	PO408	385	Gross Volume per Pack	X	R 1/9
			Numeric value of gross volume per pack		
Not Used	PO409	355	Unit or Basis for Measurement Code	X	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.		
Not Used	PO410	82	Length	X	R 1/8
			Largest horizontal dimension of an object measured when the object is in the upright position		
Not Used	PO411	189	Width	X	R 1/8
			Shorter measurement of the two horizontal dimensions		



measured with the object in the upright position



Not Used	PO412	65	Height	X R 1/8
			Vertical dimension of an object measured when the object is in the upright position	
Not Used	PO413	355	Unit or Basis for Measurement Code	X ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	PO414	810	Inner Pack	O NO 1/6
			The number of eaches per inner container	
Not Used	PO415	752	Surface/Layer/Position Code	O ID 2/2
			Code indicating the product surface, layer or position that is being described Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	PO416	350	Assigned Identification	X AN 1/20
			Alphanumeric characters assigned for differentiation within a transaction set	
Not Used	PO417	350	Assigned Identification	O AN 1/20
			Alphanumeric characters assigned for differentiation within a transaction set	
Not Used	PO418	1470	Number	O NO 1/9
			A generic number	



Segment: REF Reference Identification

- Position:** 100
- Loop:** POC Optional
- Level:** Detail
- Usage:** Optional
- Max Use:** >1
- Purpose:** To specify identifying information
- Syntax Notes:**
 - 1 At least one of REF02 or REF03 is required.
 - 2 If either C04003 or C04004 is present, then the other is required.
 - 3 If either C04005 or C04006 is present, then the other is required.
- Semantic Notes:**
 - 1 REF04 contains data relating to the value cited in REF02.

Comments:

Notes: EDIFICE Usage: OPTIONAL. The REF segment may be required when sending an acknowledgment to the 860 transaction set. It can only be used when the value in POC02 Change or Reason field (DE 670) of the POC segment is equal to "AI" (Add Item).

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification	
			CJ Clause Number	
			DQ Delivery Quote Number	
			GC Government Contract Number	
			GP Government Priority Number	
			IT Internal Customer Number	
			PH Priority Rating	
			PR Price Quote Number	
			RE Release Number	
			While release number may be carried at the header level, it is recommended that release number be carried in an REF segment at the line item level. Release numbers should be returned to the buyer if they are received. Should equal the release number received from the buyer on the BEG segment in the 850 transaction or the BCH in the 860 transaction.	
	REF02	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
			EDIFICE Usage: REQUIRED.	
Not Used	REF03	352	Description	X AN 1/80
			A free-form description to clarify the related data elements and their content	
Not Used	REF04	C040	Reference Identifier	O
			To identify one or more reference numbers or identification	



Not Used	C04001	128	numbers as specified by the Reference Qualifier Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	C04002	127	Reference Identification	M AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
Not Used	C04003	128	Reference Identification Qualifier	X ID 2/3
			Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	C04004	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
Not Used	C04005	128	Reference Identification Qualifier	X ID 2/3
			Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	C04006	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	

Segment: **SAC** Service, Promotion, Allowance, or Charge
Information

Position: 130
Loop: SAC Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

- Syntax Notes:**
- 1 At least one of SAC02 or SAC03 is required.
 - 2 If either SAC03 or SAC04 is present, then the other is required.
 - 3 If either SAC06 or SAC07 is present, then the other is required.
 - 4 If either SAC09 or SAC10 is present, then the other is required.
 - 5 If SAC11 is present, then SAC10 is required.
 - 6 If SAC13 is present, then at least one of SAC02 or SAC04 is required.
 - 7 If SAC14 is present, then SAC13 is required.
 - 8 If SAC16 is present, then SAC15 is required.

- Semantic Notes:**
- 1 If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
 - 2 SAC05 is the total amount for the service, promotion, allowance, or charge.
If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
 - 3 SAC08 is the allowance or charge rate per unit.
 - 4 SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
 - 5 SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
 - 6 SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
 - 7 SAC16 is used to identify the language being used in SAC15.

- Comments:**
- 1 SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.
 - 2 In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to as "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" – Dollars in SAC09.

Notes: EDIFICE Usage: OPTIONAL. Used to identify inspection requirements and other services or allowances when an "AI" (Add Item) code is used in the POC02 Change or Reason field (DE 670) of the POC segment in the 860. The change must be specific to that line item only.



Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	SAC01	248	Allowance or Charge Indicator	M ID 1/1
			Code which indicates an allowance or charge for the service specified EDIFICE Usage: REQUIRED. Other codes than those recommended by EDIFICE may be used by trading partner agreement.	
			A Allowance C Charge N No Allowance or Charge	
	SAC02	1300	Service, Promotion, Allowance, or Charge Code	X ID 4/4
			Code identifying the service, promotion, allowance, or charge EDIFICE Usage: REQUIRED. Other codes than those recommended by EDIFICE may be used by trading partner agreement.	
			B020 Certificate of Conformance B030 Certificate of Origin D370 Government Inspection D870 Inspection E840 Notarized Affidavit G780 Ship to Stock Quality Audit G990 Source Inspection H000 Special Allowance	
	SAC03	559	Agency Qualifier Code	X ID 2/2
			Code identifying the agency assigning the code values EDIFICE Usage: OPTIONAL.	
			AX ANSI Accredited Standards Committee, X12	
Not Used	SAC04	1301	Agency Service, Promotion, Allowance, or Charge Code	X AN 1/10
			Agency maintained code identifying the service, promotion, allowance, or charge	
	SAC05	610	Amount	O N2 1/15
			Monetary amount EDIFICE Usage: DEPENDING. Use if a monetary amount is associated with the charge or allowance.	
Not Used	SAC06	378	Allowance/Charge Percent Qualifier	X ID 1/1
			Code indicating on what basis allowance or charge percent is calculated Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	SAC07	332	Percent	X R 1/6
			Percent expressed as a percent	
Not Used	SAC08	118	Rate	O R 1/9
			Rate expressed in the standard monetary denomination for the currency specified	



Not Used	SAC09	355	Unit or Basis for Measurement Code	X	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.		
Not Used	SAC10	380	Quantity	X	R 1/15
			Numeric value of quantity		
Not Used	SAC11	380	Quantity	O	R 1/15
			Numeric value of quantity		
	SAC12	331	Allowance or Charge Method of Handling Code	O	ID 2/2
			Code indicating method of handling for an allowance or charge EDIFICE Usage: ADVISED.		
			01 Bill Back		
			02 Off Invoice		
			03 Vendor Check to Customer		
			04 Credit Customer Account		
			05 Charge to be Paid by Vendor		
			06 Charge to be Paid by Customer		
Not Used	SAC13	127	Reference Identification	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
Not Used	SAC14	770	Option Number	O	AN 1/20
			A unique number identifying available promotion or allowance options when more than one is offered		
Not Used	SAC15	352	Description	X	AN 1/80
			A free-form description to clarify the related data elements and their content		
Not Used	SAC16	819	Language Code	O	ID 2/3
			Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)		

Segment: ACK Line Item Acknowledgment

Position: 270
Loop: ACK Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To acknowledge the ordered quantities and specify the ready date for a specific line item

- Syntax Notes:**
- 1 If either ACK02 or ACK03 is present, then the other is required.
 - 2 If ACK04 is present, then ACK05 is required.
 - 3 If either ACK07 or ACK08 is present, then the other is required.
 - 4 If either ACK09 or ACK10 is present, then the other is required.
 - 5 If either ACK11 or ACK12 is present, then the other is required.
 - 6 If either ACK13 or ACK14 is present, then the other is required.
 - 7 If either ACK15 or ACK16 is present, then the other is required.
 - 8 If either ACK17 or ACK18 is present, then the other is required.
 - 9 If either ACK19 or ACK20 is present, then the other is required.
 - 10 If either ACK21 or ACK22 is present, then the other is required.
 - 11 If either ACK23 or ACK24 is present, then the other is required.
 - 12 If either ACK25 or ACK26 is present, then the other is required.
 - 13 If either ACK27 or ACK28 is present, then the other is required.
 - 14 If ACK28 is present, then both ACK27 and ACK29 are required.

Semantic Notes:

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

Comments:

Notes: EDIFICE Usage: DEPENDING. Advised if Acknowledgment Type in BCA segment indicates that detail is being sent.

There is one ACK segment for each seller's scheduled delivery date. The sum of the quantities returned in this segment should match Quantity Ordered in the POC segment to allow the buyer to correctly interpret the acknowledgment.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use	ACK01	668 Line Item Status Code	M ID 2/2

Code specifying the action taken by the seller on a line item requested by the buyer

- AC Item Accepted and Shipped
- AR Item Accepted and Released for Shipment
- DR Item Accepted – Date Rescheduled
- IA Item Accepted
- IC Item Accepted – Changes Made
- ID Item Deleted
- IH Item on Hold
- IP Item Accepted – Price Changed
- IQ Item Accepted – Quantity Changed



			IR	Item Rejected		
			IS	Item Accepted – Substitution Made		
			SP	Item Accepted – Schedule Date Pending		
	ACK02	380	Quantity		X	R 1/15
			Numeric value of quantity			
			EDIFICE Usage: ADVISED.			
	ACK03	355	Unit or Basis for Measurement Code		X	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
			EDIFICE Usage: ADVISED.			
	ACK04	374	Date/Time Qualifier	EA	Each	O ID 3/3
			Code specifying type of date or time, or both date and time			
			EDIFICE Usage: DEPENDING. Use if ACK05 used.			
			011	Shipped		
			017	Estimated Delivery		
			036	Expiration		
				Date coverage expires		
			067	Current Schedule Delivery		
			068	Current Schedule Ship		
			112	Buyers Dock		
	ACK05	373	Date		X	DT 8/8
			Date expressed as CCYYMMDD			
			EDIFICE Usage: DEPENDING. Send a date only when appropriate. See "Implementation Recommendations for Change Orders and Acknowledgments" (4/95).			
Not Used	ACK06	326	Request Reference Number		O	AN 1/45
			Reference number or RFQ number to use to identify a particular transaction set and query (additional reference number or description which can be used with contract number)			
Not Used	ACK07	235	Product/Service ID Qualifier		X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
			Refer to 004010 Data Element Dictionary for acceptable code values.			
Not Used	ACK08	234	Product/Service ID		X	AN 1/48
			Identifying number for a product or service			
Not Used	ACK09	235	Product/Service ID Qualifier		X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
			Refer to 004010 Data Element Dictionary for acceptable code values.			
Not Used	ACK10	234	Product/Service ID		X	AN 1/48
			Identifying number for a product or service			



Not Used	ACK11	235	Product/Service ID Qualifier	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 004010 Data Element Dictionary for acceptable code values.		
Not Used	ACK12	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
Not Used	ACK13	235	Product/Service ID Qualifier	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 004010 Data Element Dictionary for acceptable code values.		
Not Used	ACK14	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
Not Used	ACK15	235	Product/Service ID Qualifier	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 004010 Data Element Dictionary for acceptable code values.		
Not Used	ACK16	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
Not Used	ACK17	235	Product/Service ID Qualifier	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 004010 Data Element Dictionary for acceptable code values.		
Not Used	ACK18	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
Not Used	ACK19	235	Product/Service ID Qualifier	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 004010 Data Element Dictionary for acceptable code values.		
Not Used	ACK20	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
Not Used	ACK21	235	Product/Service ID Qualifier	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 004010 Data Element Dictionary for acceptable code values.		



Not Used	ACK22	234	Product/Service ID	X	AN 1/48
Not Used	ACK23	235	Identifying number for a product or service Product/Service ID Qualifier	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 004010 Data Element Dictionary for acceptable code values.		
Not Used	ACK24	234	Product/Service ID	X	AN 1/48
Not Used	ACK25	235	Identifying number for a product or service Product/Service ID Qualifier	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 004010 Data Element Dictionary for acceptable code values.		
Not Used	ACK26	234	Product/Service ID	X	AN 1/48
Not Used	ACK27	559	Identifying number for a product or service Agency Qualifier Code	X	ID 2/2
			Code identifying the agency assigning the code values Refer to 004010 Data Element Dictionary for acceptable code values.		
Not Used	ACK28	822	Source Subqualifier	X	AN 1/15
Not Used	ACK29	1271	A reference that indicates the table or text maintained by the Source Qualifier Industry Code	X	AN 1/30
			Code indicating a code from a specific industry code list		

Segment: DTM Date/Time Reference

Position: 280
Loop: ACK Optional
Level: Detail
Usage: Optional
Max Use: 1
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: EDIFICE Usage: OPTIONAL. Use to convey buyer's schedule as sent in SCH segments in the 860.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>		
Must Use	DTM01	374	Date/Time Qualifier	M ID 3/3		
			Code specifying type of date or time, or both date and time			
			002	Delivery Requested		
			010	Requested Ship		
			036	Expiration		
				Date coverage expires		
			037	Ship Not Before		
			038	Ship No Later		
			050	Received		
				063	Do Not Deliver After	
	064	Do Not Deliver Before				
		112	Buyers Dock			
	DTM02	373	Date	X DT 8/8		
			Date expressed as CCYYMMDD			
			EDIFICE Usage: REQUIRED.			
Not Used	DTM03	337	Time	X TM 4/8		
Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)						
Not Used	DTM04	623	Time Code	O ID 2/2		
Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow Refer to 004010 Data Element Dictionary for acceptable code values.						



Not Used	DTM05	1250	Date Time Period Format Qualifier	X	ID 2/3
			Code indicating the date format, time format, or date and time format Refer to 004010 Data Element Dictionary for acceptable code values.		
Not Used	DTM06	1251	Date Time Period	X	AN 1/35
			Expression of a date, a time, or range of dates, times or dates and times		



Segment: CTT Transaction Totals

Position: 010
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: EDIFICE Usage: ADVISED.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	CTT01	354	Number of Line Items	M N0 1/6
			Total number of line items in the transaction set The number of POC segments present in the transaction set.	
	CTT02	347	Hash Total	O R 1/10
			Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. Example: -.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. ----- 1855 Hash total prior to truncation. 855 Hash total after truncation to three-digit field. EDIFICE Usage: OPTIONAL For example, if the has total number is 1234567.8901 (11 characters), the value sent in CTT02 would be: "234567.8901". Equal to the sum of the values of quantity ordered (POC03) for each POC segment.	
Not Used	CTT03	81	Weight	X R 1/10
			Numeric value of weight	
Not Used	CTT04	355	Unit or Basis for Measurement Code	X ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	CTT05	183	Volume	X R 1/8



Not Used	CTT06	355	Value of volumetric measure Unit or Basis for Measurement Code	X ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	CTT07	352	Description	O AN 1/80
			A free-form description to clarify the related data elements and their content	

Segment: **SE Transaction Set Trailer**

Position: 030

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.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	SE01	96	Number of Included Segments	M N0 1/10
			Total number of segments included in a transaction set including ST and SE segments	
Must Use	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	
			The control number is assigned by the sender. It should be sequentially assigned within each functional group to aid in error recovery and research. The control number in the SE segment (SE02) must be identical to the control number in the ST segment for each transaction.	

865 PURCHASE ORDER CHANGE ACKNOWLEDGMENT EXAMPLES

865 Example 1 – Acknowledgment Change to Standalone Purchase Order

In this example a supplier is sending a buyer an acknowledgment to a Purchase Order change request.

Example 1 Summary

HEADER SECTION	
ST*865*0001'	ST Transaction Set Header
BCA*00*AC*CA388312***19970719**K9 3101**19980107'	BCA Beginning Segment for Purchase Order Change Acknowledgment
N1*BT*ELECTRIC FACTORY*01*002344986'	N1 Name
N1*ST*ELECTRIC FACTORY*01*002344986'	N1 Name
DETAIL SECTION	
POC*01*MU*1925*1925*EA*.13*CT*VP* 74HCT467*EC*R'	POC Line Item Change
ACK*IC*1000*EA*067*19980119'	ACK Line Item Acknowledgment
DTM*002*19971029'	DTM Date/Time/Period
ACK*IC*925*EA*067*19980219'	ACK Line Item Acknowledgment
DTM*002*19971029'	DTM Date/Time/Period
SUMMARY SECTION	
CTT*1*1925'	CTT Transaction Totals
SE*11*0001'	SE Transaction Set Trailer

Example 1 Explanation

HEADER SECTION	
ST*865*0001'	ST Transaction Set Header
	ST01/143 Transaction Set Identifier Code [M/ID 3/3]: 865
	ST02/329 Transaction Set Control Number [M/AN 4/9]: 0001
BCA*00*AC*CA388312***19970719**K9 3101**19980107'	BCA Beginning Segment for Purchase Order Change Acknowledgment
	BCA01/353 Transaction Set Purpose Code [M/ID 2/2]: 00 (Original)
	BCA02/587 Acknowledgment Type [O/ID 2/2]: AC (Acknowledge – With Detail and Change)
	BCA03/324 Purchase Order Number [M/AN 1/22]: CA388312
	BCA06/373 Date [M/DT 8/8]: 19970719 (July)



	19. 1997) (Original Purchase Order Date)
	BCA08/367 Contract Number [O/AN 1/30]: K93101
	BCA10/373 (Acknowledgment) Date [O/DT 8/8]: 19980107 (January 7, 1998)
N1*BT*ELECTRIC FACTORY*01*002344986'	N1 Name
	N101/98 Entity Identifier Code [M/ID 2/3]: BT (Bill To)
	N102/93 Name [X/AN 1/60]: ELECTRIC FACTORY
	N103/66 Identification Code Qualifier [X/ID ½]: 01 (D - U - N - S Number, Dun & Bradstreet)
	N104/67 Identification Code [X/AN 1/20]: 002344986
N1*ST*ELECTRIC FACTORY*01*002344986'	N1 Name
	N101/98 Entity Identifier Code [M/ID 2/3]: ST (Ship To)
	N102/93 Name [X/AN 1/60]: ELECTRIC FACTORY
	N103/66 Identification Code Qualifier [X/ID ½]: 01 (D - U - N - S Number, Dun & Bradstreet)
	N104/67 Identification Code [X/AN 1/20]: 002344986
DETAIL SECTION	
POC*01*MU*1925*1925*EA*.13*CT*VP* 74HCT467*EC*R'	POC Line Item Change
	POC01/350 Assigned Identification [O/AN 1/20]: 01
	POC02/670 Change or Response Type Code [M/ID 2/2]: MU (Multiple For Unit Price Quantity Reschedule Change)
	POC03/330 Quantity Ordered [O/R 1/15]: 1925
	POC04/671 Quantity Left to Receive [X/R 1/9]: 1925
	POC05/C001 Composite Unit of Measure [X]: C00101/355 Unit or Basis for Measurement Code [M/ID 2/2]: EA (Each)
	POC06/212 Unit Price [X/R 1/17]: .13
	POC07/639 Basis of Unit Price Code [O/ID 2/2]: CT (Contract)
	POC08/235 Product/Service ID Qualifier [X/ID 2/2]: VP (Vendor's Part Number)
	POC09/234 Product/Service ID [X/AN 1/48]: 74HCT467
	POC10/235 Product/Service ID Qualifier [X/ID 2/2]: EC (Engineering Change Level)
	POC11/234 Product/Service ID [X/AN 1/48]: R
ACK*IC*1000*EA*067*19980119'	ACK Line Item Acknowledgment



	(C543 AGREEMENT TYPE IDENTIFICATION [C:])
	ACK01/668 Line Item Status Code [M/ID 2/2]: IC (Item Accepted – Changes Made)
	ACK02/380 Quantity [X/R 1/15]: 1000
	ACK03/355 Unit or Basis for Measurement Code [X/ID 2/2]: EA (Each)
	ACK04/374 Date/Time Qualifier [O/ID 3/3]: 067 (Current Schedule Delivery)
	ACK05/373 Date [X/DT 8/8]: 19980119 (January 19, 1998)
DTM*002*19971029'	DTM Date/Time/Period
	DTM01/374 Date/Time Qualifier [M/ID 3/3]: 002 (Delivery Requested)
	DTM02/373 Date [X/DT 8/8]: 19971029 (October 29, 1997)
ACK*IC*925*EA*067*19980219'	ACK Line Item Acknowledgment
	ACK01/668 Line Item Status Code [M/ID 2/2]: IC (Item Accepted – Changes Made)
	ACK02/380 Quantity [X/R 1/15]: 925
	ACK03/355 Unit or Basis for Measurement Code [X/ID 2/2]: EA (Each)
	ACK04/374 Date/Time Qualifier [O/ID 3/3]: 067 (Current Schedule Delivery)
	ACK05/373 Date [X/DT 8/8]: 19980119 (February 19, 1998)
DTM*002*19971029'	DTM Date/Time/Period
	DTM01/374 Date/Time Qualifier [M/ID 3/3]: 002 (Delivery Requested)
	DTM02/373 Date [X/DT 8/8]: 19971029 (October 29, 1997)
SUMMARY SECTION	
CTT*1*1925'	CTT Transaction Totals
	CTT01/354 Number of Line Items [M/N0 1/6]: 1 (Count of POC segments in the transaction)
	CTT02/347 Hash Total [O/R 1/10]: 1925
SE*11*0001'	SE Transaction Set Trailer
	SE01/96 Number of Included Segments [M/N0 1/10]: 11 (count of segments in this transaction set including ST and SE)
	SE02/329 Transaction Set Control Number [M/AN 4/9]: 0001



865 Example 2 – Acknowledge Change to Blanket Purchase Order – No SCH used.

In this example, the blanket purchase order is for an estimated quantity, with no schedules (schedules will be sent via releases or forecasts). The change was to increase the total order quantity. The trading partner does not require a "dummy" SCH segment. The acknowledgment is for the increase to the total order.

Example 2 Summary

HEADER SECTION	
ST*865*12'	ST Transaction Set Header
BCA*00*AK*54871046**01*19991110** * 19991117* 19991115***CP'	BCA Beginning Segment for Purchase Order Change Acknowledgment
N1*BT*ELECTRIC FACTORY*1*002344986'	N1 Name
N1*ST*ELECTRIC FACTORY*1*002344986'	N1 Name
PER*BD*GLORIA BAUER*TE*408-555-4442'	PER Administration Communications Contact
DETAIL SECTION	
POC*01*QI*200000*194000*EA*3.23**B P* 1234-3557*VP*MCR1234XY'	POC Line Item Change
ACK*IA*200000*EA*036*20001231'	ACK Line Item Acknowledgment
SUMMARY SECTION	
CTT*1'	CTT Transaction Totals
SE*9*12'	SE Transaction Set Trailer

Example 2 Explanation

HEADER SECTION	
ST*865*12'	ST Transaction Set Header
	ST01/143 Transaction Set Identifier Code [M/ID 3/3]: 865
	ST02/329 Transaction Set Control Number [M/AN 4/9]: 12
BCA*00*AK*54871046**01*19991110** ** 19991117*19991115**CP'	BCA Beginning Segment for Purchase Order Change Acknowledgment
	BCA01/353 Transaction Set Purpose Code [M/ID 2/2]: 00 (Original)
	BCA02/587 Acknowledgment Type [O/ID 2/2]: AK (Acknowledge – with No Detail or Change)
	BCA03/324 Purchase Order Number [M/AN 1/22]: 54871046
	BCA05/327 Change Order Sequence Number [O/AN 1/8]: 01
	BCA06/373 Date [M/DT 8/8]: 19991110 (November 10, 1999) (Purchase Order Date)



	BCA10/373 (Acknowledgment) Date [O/DT 8/8]: 19991117 (November 17, 1999)
	BCA11/373 (PO Change) Date [O/DT 8/8]: 19991115 (November 15, 1999) (PO Change Request Date)
	BCA13/92 Purchase Order Type Code [O/ID 2/2]: CP (Change to Purchase Order)
N1*BT*ELECTRIC FACTORY*1*002344986'	N1 Name
	N101/98 Entity Identifier Code [M/ID 2/3]: BT (Bill To)
	N102/93 Name [X/AN 1/60]: ELECTRIC FACTORY
	N103/66 Identification Code Qualifier [X/ID 1/2]: 1 (D - U - N - S Number, Dun & Bradstreet)
	N104/67 Identification Code [X/AN 1/20]: 002344986
N1*ST*ELECTRIC FACTORY*1*002344986'	N1 Name
	N101/98 Entity Identifier Code [M/ID 2/3]: ST (Ship To)
	N102/93 Name [X/AN 1/60]: ELECTRIC FACTORY
	N103/66 Identification Code Qualifier [X/ID 1/2]: 1 (D - U - N - S Number, Dun & Bradstreet)
	N104/67 Identification Code [X/AN 1/20]: 002344986
PER*BD*GLORIA BAUER*TE*408-555- 4442'	PER Administration Communications Contact
	PER01/366 Contact Function Code [M/ID 2/2]: BD (Buyer Name or Department)
	PER02/93 Name [O/AN 1/60]: GLORIA BAUER
	PER03/365 Communication Number Qualifier [X/ID 2/2]: TE (Telephone Number)
	PER04/364 Communication Number [X/AN 1/80]: 408-555-4442
DETAIL SECTION	
POC*01*QI*200000*194000*EA*3.23**B P* 1234-3557*VP*MCR1234XY'	POC Line Item Change
	POC01/350 Assigned Identification [O/AN 1/20]: 01
	POC02/670 Change or Response Type Code [M/ID 2/2]: QI (Quantity Increase)
	POC03/330 Quantity Ordered [O/R 1/15]: 200000
	POC04/671 Quantity Left to Receive [X/R 1/9]: 194000
	POC05/C001 Composite Unit of Measure [X]: C00101/355 Unit or Basis for Measurement Code [M/ID 2/2]: EA (Each)
	POC06/212 Unit Price [X/R 1/17]: 3.23



	POC08/235 Product/Service ID Qualifier [X/ID 2/2]: BP (Buyer's Part Number)
	POC09/234 Product/Service ID [X/AN 1/48]: 1234-3557
	POC10/235 Product/Service ID Qualifier [X/ID 2/2]: VP (Vendor's Part Number)
	POC11/234 Product/Service ID [X/AN 1/48]: MCR1234XY
ACK*IA*200000*EA*036*20001231'	ACK Line Item Acknowledgment
	ACK01/668 Line Item Status Code [M/ID 2/2]: IA (Item Accepted)
	ACK02/380 Quantity [X/R 1/15]: 200000
	ACK03/355 Unit or Basis for Measurement Code [X/ID 2/2]: EA (Each)
	ACK04/374 Date/Time Qualifier [O/ID 3/3]: 036 (Expiration)
	ACK05/373 Date [X/DT 8/8]: 19991231 (December 31, 2000)
SUMMARY SECTION	
CTT*1'	CTT Transaction Totals
	CTT01/354 Number of Line Items [M/N0 1/6]: 1 (Count of POC segments in the transaction)
SE*9*12'	SE Transaction Set Trailer
	SE01/96 Number of Included Segments [M/N0 1/10]: 9 (count of segments in this transaction set including ST and SE)
	SE02/329 Transaction Set Control Number [M/AN 4/9]: 12

865 Example 3 – Acknowledge Change to Blanket Purchase Order – Dummy SCH used.

In this example, the blanket purchase order was for an estimated quantity, with no schedules (schedules will be sent via releases or forecasts). The change was to increase the total order quantity. The trading partner needs at least one "dummy" SCH segment sent. The date on the "dummy" SCH segment was the expiration date of the blanket order. The acknowledgment is for the increase to the scheduled amount.

Example 3 Summary

HEADER SECTION	
ST*865*12'	ST Transaction Set Header
BCA*00*AD*54871046**01*19991110** * 19991117* 19991115***CP'	BCA Beginning Segment for Purchase Order Change Acknowledgment
N1*BT*ELECTRIC FACTORY*1*002344986'	N1 Name
N1*ST*ELECTRIC FACTORY*1*002344986'	N1 Name
PER*BD*GLORIA BAUER*TE*408-555-4442'	PER Administration Communications Contact
DETAIL SECTION	
POC*01*QI*200000*194000*EA*3.23**B P* 1234-3557*VP*MCR1234XY'	POC Line Item Change
ACK*IA*194000*EA*036*20001231'	ACK Line Item Acknowledgment
DTM*036*20001231'	DTM Date/Time/Period
SUMMARY SECTION	
CTT*1'	CTT Transaction Totals
SE*9*12'	SE Transaction Set Trailer

Example 3 Explanation

HEADER SECTION	
ST*865*12'	ST Transaction Set Header
	ST01/143 Transaction Set Identifier Code [M/ID 3/3]: 865
	ST02/329 Transaction Set Control Number [M/AN 4/9]: 12
BCA*00*AD*54871046**01*19991110** ** 19991117* 19991115**CP'	BCA Beginning Segment for Purchase Order Change Acknowledgment
	BCA01/353 Transaction Set Purpose Code [M/ID 2/2]: 00 (Original)
	BCA02/587 Acknowledgment Type [O/ID 2/2]: AK (Acknowledge – with Detail no Change)
	BCA03/324 Purchase Order Number [M/AN 1/22]: 54871046
	BCA05/327 Change Order Sequence Number



	[O/AN 1/8]: 01
	BCA06/373 Date [M/DT 8/8]: 19991110 (November 10, 1999) (Purchase Order Date)
	BCA10/373 (Acknowledgment) Date [O/DT 8/8]: 19991117 (November 17, 1999)
	BCA11/373 (PO Change) Date [O/DT 8/8]: 19991115 (November 15, 1999) (PO Change Request Date)
	BCA13/92 Purchase Order Type Code [O/ID 2/2]: CP (Change to Purchase Order)
N1*BT*ELECTRIC FACTORY*1*002344986'	N1 Name
	N101/98 Entity Identifier Code [M/ID 2/3]: BT (Bill To)
	N102/93 Name [X/AN 1/60]: ELECTRIC FACTORY
	N103/66 Identification Code Qualifier [X/ID 1/2]: 1 (D - U - N - S Number, Dun & Bradstreet)
	N104/67 Identification Code [X/AN 1/20]: 002344986
N1*ST*ELECTRIC FACTORY*1*002344986'	N1 Name
	N101/98 Entity Identifier Code [M/ID 2/3]: ST (Ship To)
	N102/93 Name [X/AN 1/60]: ELECTRIC FACTORY
	N103/66 Identification Code Qualifier [X/ID 1/2]: 1 (D - U - N - S Number, Dun & Bradstreet)
	N104/67 Identification Code [X/AN 1/20]: 002344986
PER*BD*GLORIA BAUER*TE*408-555- 4442'	PER Administration Communications Contact
	PER01/366 Contact Function Code [M/ID 2/2]: BD (Buyer Name or Department)
	PER02/93 Name [O/AN 1/60]: GLORIA BAUER
	PER03/365 Communication Number Qualifier [X/ID 2/2]: TE (Telephone Number)
	PER04/364 Communication Number [X/AN 1/80]: 408-555-4442
DETAIL SECTION	
POC*01*QI*200000*194000*EA*3.23**B P* 1234-3557*VP*MCR1234XY'	POC Line Item Change
	POC01/350 Assigned Identification [O/AN 1/20]: 01
	POC02/670 Change or Response Type Code [M/ID 2/2]: QI (Quantity Increase)
	POC03/330 Quantity Ordered [O/R 1/15]: 200000
	POC04/671 Quantity Left to Receive [X/R 1/9]: 194000
	POC05/C001 Composite Unit of Measure [X]:



	C00101/355 Unit or Basis for Measurement Code [M/ID 2/2]: EA (Each)
	POC06/212 Unit Price [X/R 1/17]: 3.23
	POC08/235 Product/Service ID Qualifier [X/ID 2/2]: BP (Buyer's Part Number)
	POC09/234 Product/Service ID [X/AN 1/48]: 1234-3557
	POC10/235 Product/Service ID Qualifier [X/ID 2/2]: VP (Vendor's Part Number)
	POC11/234 Product/Service ID [X/AN 1/48]: MCR1234XY
ACK*IA*194000*EA*036*20001231'	ACK Line Item Acknowledgment
	ACK01/668 Line Item Status Code [M/ID 2/2]: IA (Item Accepted)
	ACK02/380 Quantity [X/R 1/15]: 194000
	ACK03/355 Unit or Basis for Measurement Code [X/ID 2/2]: EA (Each)
	ACK04/374 Date/Time Qualifier [O/ID 3/3]: 036 (Expiration)
	ACK05/373 Date [X/DT 8/8]: 19991231 (December 31, 2000)
DTM*036*20001231'	DTM Date/Time/Period
	DTM01/374 Date/Time Qualifier [M/ID 3/3]: 036 (Expiration)
	DTM02/373 Date [X/DT 8/8]: 19971029 (December 31, 2000)
SUMMARY SECTION	
CTT*1'	CTT Transaction Totals
	CTT01/354 Number of Line Items [M/N0 1/6]: 1 (Count of POC segments in the transaction)
SE*9*12'	SE Transaction Set Trailer
	SE01/96 Number of Included Segments [M/N0 1/10]: 9 (count of segments in this transaction set including ST and SE)
	SE02/329 Transaction Set Control Number [M/AN 4/9]: 12



865 Example 4 – Acknowledgment to Release Against Blanket Purchase Order

In this example, the buyer has released a quantity to ship against a blanket purchase order. Only the newly released schedule was sent. The code "RS" for "Reschedule" was used in the OC02 (a release changes the item from no date to a scheduled date). The acknowledgment is for the released amount.

Example4 Summary

HEADER SECTION	
ST*865*12'	ST Transaction Set Header
BCA*00*AC*54871046**01*19991110** * 19991117* 19991115***RL'	BCA Beginning Segment for Purchase Order Change Acknowledgment
N1*BT*ELECTRIC FACTORY*1*002344986'	N1 Name
N1*ST*ELECTRIC FACTORY*1*002344986'	N1 Name
PER*BD*GLORIA BAUER*TE*408-555-4442'	PER Administration Communications Contact
DETAIL SECTION	
POC*01*RS*200000*194000*EA*3.23**B P* 1234-3557*VP*MCR1234XY'	POC Line Item Change
ACK*DR*4000*EA*067*19991119'	ACK Line Item Acknowledgment
DTM*002*19991117'	DTM Date/Time/Period
SUMMARY SECTION	
CTT*1'	CTT Transaction Totals
SE*10*12'	SE Transaction Set Trailer

Example 4 Explanation

HEADER SECTION	
ST*865*12'	ST Transaction Set Header
	ST01/143 Transaction Set Identifier Code [M/ID 3/3]: 865
	ST02/329 Transaction Set Control Number [M/AN 4/9]: 12
BCA*00*AC*54871046**01*19991110** * 19991117* 19991115***RL'	BCH Beginning Segment for Purchase Order Change
	BCA01/353 Transaction Set Purpose Code [M/ID 2/2]: 00 (Original)
	BCA02/587 Acknowledgment Type [O/ID 2/2]: AC (Acknowledge – with Detail and Change)
	BCA03/324 Purchase Order Number [M/AN 1/22]: 54871046
	BCA05/327 Change Order Sequence Number [O/AN 1/8]: 01



	BCA06/373 Date [M/DT 8/8]: 19991110 (November 10, 1999) (Purchase Order Date)
	BCA10/373 (Acknowledgment) Date [O/DT 8/8]: 19991117 (November 17, 1999)
	BCA11/373 (PO Change) Date [O/DT 8/8]: 19991115 (November 15, 1999) (PO Change Request Date)
	BCA13/92 Purchase Order Type Code [O/ID 2/2]: RL (Release or Delivery Order)
N1*BT*ELECTRIC FACTORY*1*002344986'	N1 Name
	N101/98 Entity Identifier Code [M/ID 2/3]: BT (Bill To)
	N102/93 Name [X/AN 1/60]: ELECTRIC FACTORY
	N103/66 Identification Code Qualifier [X/ID 1/2]: 1 (D - U - N - S Number, Dun & Bradstreet)
	N104/67 Identification Code [X/AN 1/20]: 002344986
N1*ST*ELECTRIC FACTORY*1*002344986'	N1 Name
	N101/98 Entity Identifier Code [M/ID 2/3]: ST (Ship To)
	N102/93 Name [X/AN 1/60]: ELECTRIC FACTORY
	N103/66 Identification Code Qualifier [X/ID 1/2]: 1 (D - U - N - S Number, Dun & Bradstreet)
	N104/67 Identification Code [X/AN 1/20]: 002344986
PER*BD*GLORIA BAUER*TE*408-555- 4442'	PER Administration Communications Contact
	PER01/366 Contact Function Code [M/ID 2/2]: BD (Buyer Name or Department)
	PER02/93 Name [O/AN 1/60]: GLORIA BAUER
	PER03/365 Communication Number Qualifier [X/ID 2/2]: TE (Telephone Number)
	PER04/364 Communication Number [X/AN 1/80]: 408-555-4442
DETAIL SECTION	
POC*01*RS*200000*194000*EA*3.23**B P* 1234-3557*VP*MCR1234XY'	POC Line Item Change
	POC01/350 Assigned Identification [O/AN 1/20]: 01
	POC02/670 Change or Response Type Code [M/ID 2/2]: RS (Reschedule)
	POC03/330 Quantity Ordered [O/R 1/15]: 200000
	POC04/671 Quantity Left to Receive [X/R 1/9]: 194000
	POC05/C001 Composite Unit of Measure [X]: C00101/355 Unit or Basis for Measurement



	Code [M/ID 2/2]: EA (Each)
	POC06/212 Unit Price [X/R 1/17]: 3.23
	POC08/235 Product/Service ID Qualifier [X/ID 2/2]: BP (Buyer's Part Number)
	POC09/234 Product/Service ID [X/AN 1/48]: 1234-3557
	POC10/235 Product/Service ID Qualifier [X/ID 2/2]: VP (Vendor's Part Number)
	POC11/234 Product/Service ID [X/AN 1/48]: MCR1234XY
ACK*DR*4000*EA*067*19991119'	ACK Line Item Acknowledgment
	ACK01/668 Line Item Status Code [M/ID 2/2]: DR (Item Accepted - Date Rescheduled)
	ACK02/380 Quantity [X/R 1/15]: 4000
	ACK03/355 Unit or Basis for Measurement Code [X/ID 2/2]: EA (Each)
	ACK04/374 Date/Time Qualifier [O/ID 3/3]: 067 (Current Scheduled Delivery)
	ACK05/373 Date [X/DT 8/8]: 19991119 (November 19, 1999)
DTM*002*19991117'	DTM Date/Time/Period
	DTM01/374 Date/Time Qualifier [M/ID 3/3]: 002 (Delivery Requested)
	DTM02/373 Date [X/DT 8/8]: 19991117 (November 17, 1999)
SUMMARY SECTION	
CTT*1'	CTT Transaction Totals
	CTT01/354 Number of Line Items [M/N0 1/6]: 1 (Count of POC segments in the transaction)
SE*10*12'	SE Transaction Set Trailer
	SE01/96 Number of Included Segments [M/N0 1/10]: 9 (count of segments in this transaction set including ST and SE)
	SE02/329 Transaction Set Control Number [M/AN 4/9]: 12