

860 Purchase Order Change Request - Buyer Initiated

Functional Group ID=**PC**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Purchase Order Change Request - Buyer Initiated Transaction Set (860) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide the information required for the customary and established business and industry practice relative to a purchase order change. This transaction can be used: (1) by a buyer to request a change to a previously submitted purchase order or (2) by a buyer to confirm acceptance of a purchase order change initiated by the seller or by mutual agreement of the two parties.

Notes:

Terms and Conditions:

National Instruments Corporation Terms and Conditions can be referenced at <http://ni.com/edi>

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>
M	010	ST	Transaction Set Header	M		1	
M	020	BCH	Beginning Segment for Purchase Order Change	M		1	
	040	CUR	Currency	O		1	
	080	FOB	F.O.B. Related Instructions	O		>1	
	130	ITD	Terms of Sale/Deferred Terms of Sale	O		5	
	240	TD5	Carrier Details (Routing Sequence/Transit Time)	O		12	
LOOP ID - N9						1000	
	285	N9	Reference Identification	O		1	
	290	MSG	Message Text	O		1000	
LOOP ID - N1						200	
	300	N1	Name	O		1	
	320	N3	Address Information	O		2	
	330	N4	Geographic Location	O		>1	
	350	PER	Administrative Communications Contact	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	
LOOP ID - PID						1000	
	050	PID	Product/Item Description	O		1	
	100	REF	Reference Identification	O		>1	
LOOP ID - SCH						200	
	295	SCH	Line Item Schedule	O		1	
LOOP ID - AMT						>1	
	590	AMT	Monetary Amount	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		n1
M	030	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: 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>
M	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 860 = Purchase Order Change Request - Buyer Initiated Refer to 004010 Data Element Dictionary for acceptable code values.	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: **BCH** Beginning Segment for Purchase Order Change
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of the Purchase Order Change Transaction Set and transmit identifying numbers and dates

Syntax Notes:
Semantic Notes: 1 BCH06 is the date assigned by the purchaser to purchase order.
Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	BCH01	353	Transaction Set Purpose Code Code identifying purpose of transaction set 04 = Change Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 2/2
M	BCH02	92	Purchase Order Type Code Code specifying the type of Purchase Order RL = Release or Delivery Order An order for goods and services placed against a pre-existing contract or blanket order SA = Stand-alone Order Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 2/2
M	BCH03	324	Purchase Order Number Identifying number for Purchase Order assigned by the orderer/purchaser	M AN 1/22
	BCH04	328	Release Number Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction	O AN 1/30
	BCH05	327	Change Order Sequence Number Number assigned by the orderer identifying a specific change or revision to a previously transmitted transaction set	O AN 1/8
M	BCH06	373	Date Date expressed as CCYYMMDD	M DT 8/8

Segment: **CUR** Currency
Position: 040
Loop:
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the currency (dollars, pounds, francs, etc.) used in a transaction
Syntax Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	CUR01	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual BY = Buying Party (Purchaser) Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 2/3
M	CUR02	100	Currency Code Code (Standard ISO) for country in whose currency the charges are specified	M ID 3/3

Segment: **FOB** F.O.B. Related Instructions
Position: 080
Loop:
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To specify transportation instructions relating to shipment
Syntax Notes:
Semantic Notes:

- 1 FOB01 indicates which party will pay the carrier.
- 2 FOB02 is the code specifying transportation responsibility location.

Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	FOB01	146	Shipment Method of Payment Code identifying payment terms for transportation charges CC = Collect PP = Prepaid (by Seller) Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 2/2
	FOB02	309	Location Qualifier Code identifying type of location DE = Destination (Shipping) OR = Origin (Shipping Point) Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 1/2

Segment: **ITD** Terms of Sale/Deferred Terms of Sale
Position: 130
Loop:
Level: Heading
Usage: Optional
Max Use: 5
Purpose: To specify terms of sale
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
ITD12	352	Description	O AN 1/80
		A free-form description to clarify the related data elements and their content	

Segment: **TD5** Carrier Details (Routing Sequence/Transit Time)
Position: 240
Loop:
Level: Heading
Usage: Optional
Max Use: 12
Purpose: To specify the carrier and sequence of routing and provide transit time information
Syntax Notes: 1 At least one of TD502 TD504 TD505 TD506 or TD512 is required.
Semantic Notes:
Comments:

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
TD505	387	Routing	X AN 1/35
		Free-form description of the routing or requested routing for shipment, or the originating carrier's identity	

Segment: N9 Reference Identification
Position: 285
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.
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	N901	128	Reference Identification Qualifier Code qualifying the Reference Identification PO = Purchase Order Number Refer to 004010 Data Element Dictionary for acceptable code values.	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	X AN 1/30

Segment: **MSG** Message Text
Position: 290
Loop: N9 Optional
Level: Heading
Usage: Optional
Max Use: 1000
Purpose: To provide a free-form format that allows the transmission of text information
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	MSG01	933	Free-Form Message Text Free-form message text	M AN 1/264

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.

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	N101	98 Entity Identifier Code	M ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	
		BT = Bill-to-Party	
		BY = Buying Party (Purchaser)	
		ST = Ship To	
		SU = Supplier/Manufacturer	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
	N102	93 Name	X AN 1/60
		Free-form name	
	N103	66 Identification Code Qualifier	X ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)	
		92 = Assigned by Buyer or Buyer's Agent	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
	N104	67 Identification Code	X AN 2/80
		Code identifying a party or other code	

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:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	N301	166	Address Information Address information	M AN 1/55
	N302	166	Address Information Address information	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.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
N401	19	City Name Free-form text for city name	O AN 2/30
N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	O ID 2/2
N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O ID 3/15

Segment: **PER Administrative Communications Contact**
Position: 350
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To identify a person or office to whom administrative communications should be directed
Syntax Notes: 1 If either PER03 or PER04 is present, then the other is required.
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	PER01	366	Contact Function Code Code identifying the major duty or responsibility of the person or group named AG = Agent BD = Buyer Name or Department DC = Delivery Contact Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 2/2
	PER02	93	Name Free-form name	O AN 1/60
	PER03	365	Communication Number Qualifier Code identifying the type of communication number TE = Telephone Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 2/2
	PER04	364	Communication Number Complete communications number including country or area code when applicable	X AN 1/80

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.
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:

For MG qualified Product/Service ID's (POC14-27) the format of the ID will be 18 characters, space filled, immediately followed by the identifier which can be up to 30 characters, comprising the total 48 character ID

For example:

MG*Avnet_____XC17S100AVOG8C (where the underscores represent 13 spaces)

MG*National_Instrumen760007-01 (where the underscore represents 1 space)

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
	POC01	350 Assigned Identification	O AN 1/20
		Alphanumeric characters assigned for differentiation within a transaction set	
M	POC02	670 Change or Response Type Code	M ID 2/2
		Code specifying the type of change to the line item	
		CA = Changes To Line Items	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
	POC03	330 Quantity Ordered	O R 1/15
		Quantity ordered	
	POC04	671 Quantity Left to Receive	X R 1/9
		Quantity left to receive as qualified by the unit of measure	
	POC05	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	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
	POC06	212 Unit Price	X R 1/17
		Price per unit of product, service, commodity, etc.	
	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)	
		EC = Engineering Change Level	
		Refer to 004010 Data Element Dictionary for acceptable code values.	

POC09	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
POC10	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) BP = Buyer's Part Number Refer to 004010 Data Element Dictionary for acceptable code values.	X	ID 2/2
POC11	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
POC12	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) VP = Vendor's (Seller's) Part Number Refer to 004010 Data Element Dictionary for acceptable code values.	X	ID 2/2
POC13	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
POC14	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) MG = Manufacturer's Part Number Refer to 004010 Data Element Dictionary for acceptable code values.	X	ID 2/2
POC15	234	Product/Service ID Identifying number for a product or service The format of the ID will be 18 characters, space filled, immediately followed by the identifier which can be up to 30 characters, comprising the total 48 character ID For example: Avnet_____XC17S100AVOG8C (where the underscores represent 13 spaces) National_Instrumen760007-01 (where the underscore represents 1 space)	X	AN 1/48
POC16	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) MG = Manufacturer's Part Number Refer to 004010 Data Element Dictionary for acceptable code values.	X	ID 2/2
POC17	234	Product/Service ID Identifying number for a product or service The format of the ID will be 18 characters, space filled, immediately followed by the identifier which can be up to 30 characters, comprising the total 48 character ID For example: Avnet_____XC17S100AVOG8C (where the underscores represent 13 spaces) National_Instrumen760007-01 (where the underscore represents 1 space)	X	AN 1/48
POC18	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) MG = Manufacturer's Part Number Refer to 004010 Data Element Dictionary for acceptable code values.	X	ID 2/2
POC19	234	Product/Service ID Identifying number for a product or service The format of the ID will be 18 characters, space filled, immediately followed by the identifier which can be up to 30 characters, comprising the total 48 character ID	X	AN 1/48

		For example: Avnet_____XC17S100AVOG8C (where the underscores represent 13 spaces) National_Instrumen760007-01 (where the underscore represents 1 space)
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) MG = Manufacturer's Part Number
		Refer to 004010 Data Element Dictionary for acceptable code values.
POC21	234	Product/Service ID X AN 1/48 Identifying number for a product or service The format of the ID will be 18 characters, space filled, immediately followed by the identifier which can be up to 30 characters, comprising the total 48 character ID
		For example: Avnet_____XC17S100AVOG8C (where the underscores represent 13 spaces) National_Instrumen760007-01 (where the underscore represents 1 space)
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) MG = Manufacturer's Part Number
		Refer to 004010 Data Element Dictionary for acceptable code values.
POC23	234	Product/Service ID X AN 1/48 Identifying number for a product or service The format of the ID will be 18 characters, space filled, immediately followed by the identifier which can be up to 30 characters, comprising the total 48 character ID
		For example: Avnet_____XC17S100AVOG8C (where the underscores represent 13 spaces) National_Instrumen760007-01 (where the underscore represents 1 space)
POC24	235	Product/Service ID Qualifier X ID 2/2 Code identifying the type/source of the descriptive number used in Product/Service ID (234) MG = Manufacturer's Part Number
		Refer to 004010 Data Element Dictionary for acceptable code values.
POC25	234	Product/Service ID X AN 1/48 Identifying number for a product or service The format of the ID will be 18 characters, space filled, immediately followed by the identifier which can be up to 30 characters, comprising the total 48 character ID
		For example: Avnet_____XC17S100AVOG8C (where the underscores represent 13 spaces) National_Instrumen760007-01 (where the underscore represents 1 space)
POC26	235	Product/Service ID Qualifier X ID 2/2 Code identifying the type/source of the descriptive number used in Product/Service ID (234) MG = Manufacturer's Part Number
		Refer to 004010 Data Element Dictionary for acceptable code values.
POC27	234	Product/Service ID X AN 1/48 Identifying number for a product or service

The format of the ID will be 18 characters, space filled, immediately followed by the identifier which can be up to 30 characters, comprising the total 48 character ID

For example:

Avnet_____XC17S100AVOG8C (where the underscores represent 13 spaces)

National_Instrumen760007-01 (where the underscore represents 1 space)

Segment: **PID** Product/Item Description
Position: 050
Loop: PID Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To describe a product or process in coded or free-form format
Syntax Notes: 1 If PID04 is present, then PID03 is required.
Semantic Notes:
Comments: 1 If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	PID01	349	Item Description Type Code indicating the format of a description F = Free-form	M ID 1/1
	PID05	352	Description A free-form description to clarify the related data elements and their content	X AN 1/80

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.
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification C7 = Contract Line Item Number Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 2/3
	REF02	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: **SCH** Line Item Schedule
Position: 295
Loop: SCH Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the data for scheduling a specific line-item
Syntax Notes:
Semantic Notes:
Comments: 1 SCH05 specifies the interpretation to be used for SCH06 and SCH07.

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	SCH01	380	Quantity Numeric value of quantity	M R 1/15
M	SCH02	355	Unit or Basis for Measurement Code 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.	M ID 2/2
M	SCH05	374	Date/Time Qualifier Code specifying type of date or time, or both date and time 002 = Delivery Requested Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 3/3
M	SCH06	373	Date Date expressed as CCYYMMDD	M DT 8/8
	SCH08	374	Date/Time Qualifier Code specifying type of date or time, or both date and time 112 = Buyers Dock Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 3/3
	SCH09	373	Date Date expressed as CCYYMMDD	X DT 8/8

Segment: **AMT** Monetary Amount
Position: 590
Loop: AMT Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To indicate the total monetary amount
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	AMT01	522	Amount Qualifier Code Code to qualify amount 1 = Line Item Total	M ID 1/3
			Refer to 004010 Data Element Dictionary for acceptable code values.	
M	AMT02	782	Monetary Amount Monetary amount	M R 1/18

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:
Semantic Notes:
Comments: 1 This segment is intended to provide hash totals to validate transaction completeness and correctness.

Data Element Summary

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

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>
M	SE01	96	Number of Included Segments Total number of segments included in a transaction set including ST and SE segments	M N0 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