HUBBELL INCORPORATED

850 Purchase Order v.4 (4010)
Hubbell to Supplier – Outbound Transaction

Functional Group ID=**PO**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Purchase Order Transaction Set (850) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the placement of purchase orders for goods and services. This transaction set should not be used to convey purchase order changes or purchase order acknowledgment information.

Heading:

Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
010	ST	Transaction Set Header	M	1		
020	BEG	Beginning Segment for Purchase Order	M	1		
060	PER	Administration Communications Contact	O	>1		
080	FOB	F.O.B. Related Instructions	M	>1		
		LOOP ID – SAC			25	
130	ITD	Terms of Sale/Deferred Terms of Sale	O	>1		
240	TD5	Carrier Details (Routing Sequence/Transit Time)	C	1		
		LOOP ID – N9			200	
295	N9	Reference Identification	O	1		
300	MSG	Message Text	O	>1		
		LOOP ID - N1			1	
310	N1	Name	M	1		
330	N3	Address Information	O	2		
340	N4	Geographic Location	O	>1		
		LOOP ID - N1			1	
421	N1	Name	M	1		
423	N3	Address Information	O	2		
424	N4	Geographic Location	O	>1		

See next page for Header Detail and Summary

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Detail:

Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
		LOOP ID - PO1			999	
010	PO1	Baseline Item Data	M	1		
		LOOP ID - PID			1	
050	PID	Product/Item Description	M	1		
		LOOP ID - SAC			25	
140	IT8	Conditions of Sale	O	1		
170	TAX	Tax Reference	O	>1		
210	DTM	Date/Time Reference	O	>1		
289	MSG	Message Text	O	>1		
		LOOP ID – SCH			200	
295	SCH	Line Item Schedule	O	1		

Summary:

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

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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	

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
ST01	**143**	**Transaction Set Identifier Code**	**M**	**ID**	**3/3**
		Code uniquely identifying a Transaction Set			
		Refer to 004010 Data Element Dictionary for acceptable code values.			
ST02	**329**	**Transaction Set Control Number**	**M**	**AN**	**4/9**
		Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set			

Segment:	**BEG** Beginning Segment for Purchase Order
Position:	020
Loop:	
Level:	Heading
Usage:	Mandatory
Max Use:	1
Purpose:	To indicate the beginning of the Purchase Order Transaction Set and transmit identifying numbers and dates
Notes:	Note:

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
BEG01	**353**	**Transaction Set Purpose Code**	M	ID	2/2
		Code identifying purpose of transaction set			
		00 Original			
		46 Cancellation with Refund			
BEG02	**92**	**Purchase Order Type Code**	M	ID	2/2
		Code specifying the type of Purchase Order			
		NE New Order			
		RT Return Order			
		BK Blanket Order			
BEG03	**324**	**Purchase Order Number**	M	AN	1/22
		Identifying number for Purchase Order assigned by the Hubbell			
BEG04	**328**	**Release Number**	O	AN	1/30
		Hubbell defaults to value '000'			
BEG05	**373**	**Date**	M	DT	8/8
		Date expressed as CCYYMMDD			

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Segment:	**PER** Administrative Communications Contact
Position:	060
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To specify identifying information

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
PER01	366	**Contact Function Code**	M	ID	2/2
		Code identifying the major duty or responsibility of the person or group named.			
		BD Buyer Name			
PER02	93	**Name**	O	AN	1/60
		Contact Name			
PER03	365	**Communication number qualifier**	O	ID	2/2
		Code identifying the type of communication number			
PER04	364	**Communication number**	O	AN	1/80
		Complete communications number			

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
Notes: Note: This segment is mandatory for all orders.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
FOB01	**146**	**Shipment Method of Payment**	M	ID	2/2

Code identifying payment terms for transportation charges

CC	Collect
PC	Prepaid but charged to customer
PP	Prepaid (by Seller)

Segment: **ITD** Terms of sale/deferred terms of sale
Position: 130
Loop: SAC
Level: Header
Usage: Optional
Max Use: >1
Purpose: To specify terms of sale

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
ITD01	**336**	**Terms type code**	O	ID	2/2
		Code identifying type of payment terms			
		01 Basic			
ITD02	**333**	**Terms Basis Date Code**	O	ID	1/2
		Code Identifying the beginning of the terms period			
		3 Invoice Date			
ITD12	**352**	**Description**	O	AN	1/80
		Free-form description			

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Segment:	**TD5** Carrier Details (Routing Sequence/Transit Time)		
Position:	240		
Loop:	SAC		
Level:	Heading		
Usage:	Conditional		
Max Use:	1		
Purpose:	To specify the carrier and sequence of routing and provide transit time information		
Notes:			

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
TD505	**387**	**Routing (Name of Carrier)**	**C 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: 295
Loop: N9
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To transmit identifying information as specified by the Reference Identification Qualifier
Notes:

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
N901	128	**Reference Identification Qualifier**	M	ID	2/3
		ZZ Mutually Defined			

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Segment:	**MSG** Message Text
Position:	300
Loop:	N9
Level:	Header
Usage:	Optional
Max Use:	>1
Purpose:	To provide a free-form format that allows the transmission of text information.
Notes:	

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
MSG01	**933**	**Free form text message**	**M AN 1/80**
		Free form message text	

Segment: **N1** Name
Position: 310
Loop: N1   Mandatory
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To identify a party by type of organization, name, and code

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
N101	**98**	**Entity Identifier Code**	M	ID	2/2
		Code identifying an organizational entity, a physical location, or an individual			
		BT Bill-to Party			
N102	**93**	**Name**	M	AN	1/60
		Free-form name			
N103	**66**	**Identification Code Qualifier**	M	ID	1/2
		Code designating the system/method of code structure used for Identification Code (67)			
		9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix			
N104	**67**	**Identification Code**	M	AN	2/80
		Code identifying a party or other code			

Segment:	**N3** Address Information
Position:	330
Loop:	N1 Mandatory
Level:	Heading
Usage:	Optional
Max Use:	2
Purpose:	To specify the location of the named party

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
N301	**166**	**Address Information**	M	AN	1/55
		Address information			
N302	**166**	**Address Information**	O	AN	1/55
		Address information			

Segment:	**N4** Geographic Location
Position:	340
Loop:	N1 Mandatory
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To specify the geographic place of the named party

Data Element Summary

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

Segment:	# N1 Name
Position:	421
Loop:	N1 Mandatory
Level:	Heading
Usage:	Mandatory
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Notes:	N104 must be a unique code that identifies a ship-to location. Multiple codes may not be used for the same ship-to location.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
N101	**98**	**Entity Identifier Code**	M	ID	2/2
		Code identifying an organizational entity, a physical location, or an individual			
		ST Ship To			
N102	**93**	**Name**	M	AN	1/60
		Free-form name			
N103	**66**	**Identification Code Qualifier**	M	ID	1/2
		Code designating the system/method of code structure used for Identification Code (67)			
		9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix			
N104	**67**	**Identification Code**	M	AN	2/80
		Code identifying a party or other code			

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Segment:	**N3** Address Information	
Position:	423	
Loop:	N1 Mandatory	
Level:	Heading	
Usage:	Optional	
Max Use:	2	
Purpose:	To specify the location of the named party	

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
N301	**166**	**Address Information**	M	AN	1/55
		Address information			
N302	**166**	**Address Information**	O	AN	1/55
		Address information			

Segment:	**N4** Geographic Location
Position:	424
Loop:	N1 Mandatory
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To specify the geographic place of the named party

Data Element Summary

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

Segment:	**N1** Name
Position:	310
Loop:	N1 Mandatory
Level:	Heading
Usage:	Mandatory
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
N101	**98**	**Entity Identifier Code**	M	ID	2/2
		Code identifying an organizational entity, a physical location, or an individual			
		VN Vendor Number			
N102	**93**	**Name**	M	AN	1/60
		Free-form name			
N103	**66**	**Identification Code Qualifier**	M	ID	1/2
		Code designating the system/method of code structure used for Identification Code (67)			
		92 Assigned by buyer			
N104	**67**	**Identification Code**	M	AN	2/80
		Code identifying a party or other code			

Segment:	**PO1** Baseline Item Data
Position:	010
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Mandatory
Max Use:	>1
Purpose:	To specify basic and most frequently used line item data

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
PO101	350	**Assigned Identification**	O	AN	1/20
		PO line number			
PO102	330	**Quantity Ordered**	M	R	1/15
		Quantity ordered			
PO103	355	**Unit or Basis for Measurement Code**	M	ID	2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
		EA EA			
		FT Feet			
PO104	212	**Unit Price**	M	R	1/17
		Price Per Unit			
PO105	639	**Basis of unit price code**	M	ID	2/2
		PE Price per each			
		HP Price per hundred			
		TP Price per thousand			
PO108	235	**Product/Service ID Qualifier**	M	ID	2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
		BP Hubbell Item Code			
PO109	234	**Product/Service ID**	M	AN	1/48
		Identifying number for a product or service (SCC code in here)			

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Segment: **PID** Product/Item Description
Position: 050
Loop: PID Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To describe a product or process in coded or free-form format

Data Element Summary

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

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Segment:	**IT8** Conditions of sale	
Position:	140	
Loop:	SAC	
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify general conditions or requirements and to detail conditions for substitution of alternate products.	

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
IT801	563	Sales requirement code	X	ID	1/2
		Code to identify a specific requirement or agreement of sale			
		Y Back order if out of stock			

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Segment:	**TAX** Tax Reference	
Position:	170	
Loop:	SAC	
Level:	Detail	
Usage:	Optional	
Max Use:	>1	
Purpose:	To provide data required for proper notification/determination of applicable taxes applying to the transaction or business described in the transaction.	
Notes:		

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
TAX01	**325**	**Tax Identification number**	X	AN	1/20
		Number assigned by taxing jurisdiction			
TAX12	**441**	**Tax Exempt Code**	O	ID	1/1
		1 Tax Exempt			
		2 Tax Not Exempt			

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Segment:	**DTM** Date/Time Reference
Position:	210
Loop:	SAC
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify pertinent dates and times
Notes:	

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
DTM01	374	Date/Time Qualifier	M	DT	8/8
		Code specifying type of date or time, or both date and time.			
		002 Delivery Requested			
DTM02	373	Date	O	ID	1/1
		Date expressed as YYYYMMDD			

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Segment:	**MSG** Message Text
Position:	289
Loop:	SAC
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To provide a free-form format that allows the transmission of text information.
Notes:	

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Data Element Summary

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Ref. Des.	Data Element	Name	Attributes
MSG01	**933**	**Free form text message**	**M AN 1/80**
		Free form message text	

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Segment:	**SCH** Line item schedule
Position:	295
Loop:	SCH
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify the data for scheduling a specific line item.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
SCH01	**380**	**Quantity**	M	R	1/15
		Scheduled quantity			
SCH02	**355**	**Unit or Basis for Measurement Code**	M	ID	2/2
		EA EA			
		FT Feet			
SCH05	**374**	**Date/Time qualifier**	M	ID	3/3
		Code specifying type of date or time, or both date and time.			
		002 Delivery Requested			
		100 No Shipping Schedule Established as of			
SCH06	**373**	**Date**	M	DT	8/8

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Segment: **CTT** Transaction Totals
Position: 010
Loop: CTT Mandatory
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To transmit a hash total for a specific element in the transaction set

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
CTT01	354	Number of Line Items	M	N0	1/6

Total number of line items (P01 segments) in the transaction set

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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)	

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
SE01	**96**	**Number of Included Segments**	**M**	**N0**	**1/10**
		Total number of segments included in a transaction set including ST and SE segments			
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			