

**Hudson's Bay Company**  
INCORPORATED 2<sup>ND</sup> MAY 1670



# **IMPLEMENTING EDI 850 - Version 4010 PURCHASE ORDERS**

**Technical Requirements**  
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## Transaction Set Summary

HBC uses the VICS Spreadsheet Purchase Order model. The table below summarizes how HBC is applying this model for purchase orders. Individual descriptions of each segment used follows.

HBC consists of 4 banners The Bay, Zellers, Home Outfitters and Hbchome. All 4 use common maps with a few exceptions for Hbchome our **new** Big Ticket System. These exceptions will be noted on the individual segments where required.

Segment ID	POS	Segment Name	VICS Reqt	HBC Usage
. Header Area				
. ST	010	Transaction Set header	M	1 occurrence
. BEG	020	Begin PO segment	M	1 occurrence
. CUR	040	Currency	O	1 occurrence
. REF	050	Reference #'s	O	3 occurrences
. PER	060	Admin. contact	O	not used
. TAX	070	Tax Reference	O	not used
. FOB	080	FOB instruction	O	1 occurrence
. CSH	110	Header Sale	O	1 occurrence
. SAC	120	Services & Allowances	O	25 occurrences max.
. ITD	130	Terms of Sale	O	1 occurrence
. DTM	150	Date reference	O	2 occurrences
. TD5	240	Carrier details	O	1 occurrence
. N9	295	Reference Identification	O	1 occurrence
. MSG	300	Message Text	O	1000 occurrences
. N1	310	Name	O	2 occurrence
. N2	320	Address 1	O	not used
. N3	330	Address 2	O	not used
. N4	340	Geographic location	O	not used
. REF	350	Reference Numbers	O	not used
. Detail Area				
. PO1	010	PO base data	M	100,000 occurrence
. CTP	040	Pricing information	O	2 occurrences
. MEA	049	Measurements	O	not used
. PID	050	Production description	O	1 - 5 occurrences
. MEA	060	Measurements	O	not used
. PO4	090	Item details	O	1 occurrence
. SAC	130	Services & Allowances	O	6 occurrences
. SDQ	190	Destination Qty	O	500 occurrences



**Transaction Set Summary cont..**

<u>Segment ID</u>	<u>VICS</u>	<u>Segment Name</u>	<u>HBC</u>	<u>Usage</u>
. TC2	<b>235</b>	Commodity	O	not used
. N9	<b>330</b>	Reference Number	O	not used
. N1	<b>350</b>	Name	O	not used
. N2	<b>360</b>	Address 1	O	not used
. N3	<b>370</b>	Address 2	O	not used
. N4	<b>380</b>	Geographic location	O	not used
. PER	<b>400</b>	Admin. Contact	O	not used
. SLN	470	Subline Item Detail	O	1000 occurrences
. PID	<b>490</b>	Product/Item Description	O	not used
. TC2	<b>505</b>	Commodity	O	not used
. CTP	512	Pricing Information	O	2 occurrence
. P04	518	Item Physical Details	O	1 occurrence
. Summary Area				
. CTT	<b>010</b>	Transaction totals	M	1 occurrence
. SE	<b>030</b>	Transaction Set trailer	M	1 occurrence



## Transaction Set Requirements

### ST Segment

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

Element	Value	Length	Comment
. ST01	850	X(3)	
. ST02	control #	X(9)	

### SE Segment

Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments.

Element	Value	Length	Comment
. SE01	# of segments included	9(6)	
. SE02	control #	X(9)	same as ST02



## BEG Segment

Purpose: To indicate the beginning of the purchase order and transmit identifying numbers and dates.

Element	Value	Length	Comment
. BEG01	00 or 06	X(2)	'00' original '06' confirmation
. BEG02	SA or RE	X(2)	* see note 1
. BEG03	PO#	9(11)	Regular Merchandise
		9(07)	Big Ticket
. BEG04			not used
. BEG05	order-date	X(8)	ccyymmdd format
. BEG06			not used
. BEG07			not used
. BEG08			not used
. BEG09			not used.
. BEG10			not used.
. BEG11			not used.
. BEG12			not used.

.Note 1:

The value of BEG02 is as follows:

'RE' if the source of the order is 'automatic replenishment'

'SA' if the source of the order is the Merchandise Services Office.



### CUR Segment

Purpose: To specify the currency of monetary values used in this order.

Element	Value	Length	Comment
. CUR01	BY	X(2)	
. CUR02	ISO Currency Code	X(3)	
. CUR03			not used
. CUR04			not used
. CUR05			not used
. CUR06			not used
. CUR07			not used
. CUR08			not used
. CUR09			not used
. CUR10			not used
. CUR11			not used
. CUR12			not used
. CUR13			not used
. CUR14			not used
. CUR15			not used
. CUR16			not used
. CUR17			not used
. CUR18			not used
. CUR19			not used
. CUR20			not used
. CUR21			not used



## REF Segment

Purpose: To transmit important order level identifying number information.

**Three** segments are mandatory.

Segment 1 is mandatory.

Segment 2 will be sent with **event** information. In the case of no **event**, then **order type description** will be sent.

Segment 3 will be sent with vendor info

Element	Value	Length	Comment
. segment 1			
. REF01	DP	X(2)	
. REF02	Category Nbr	X(4)	
. REF03	Division	X(20)	
. REF04			not used
. segment 2			
. REF01	PD	X(2)	
. REF02	Event Nbr	X(5)	
. REF03	Event Name	X(30)	
. REF04			not used

## OR

. segment 2			
. REF01	MR	X(2)	
. REF02	Order Type Code	X(2)	
. REF03	Order Type Desc	X(15)	
. REF04			not used
. segment 3			
. REF01	IA	X(2)	
. REF02	Internal Vendor #	X(6)	
. REF03			not used
. REF04			not used





## FOB Segment

Purpose: To communicate F.O.B. related instructions.

Element	Value	Length	Comment
. FOB01	Payment Method	X(2)	
. FOB02	Location Qualifier	X(2)	
. FOB03	Location Description	X(80)	
. FOB04			not used
. FOB05			not used
. FOB06			not used
. FOB07			not used
. FOB08			not used
. FOB09			not used



### CSH Segment

Purpose: To indicate that back orders are allowed for this PO only.

Element	Value	Length	Comment
. CSH01	Y or Space	X(1)	Back Orders Allowed
. CSH02			not used
. CSH03			not used
. CSH04			not used
. CSH05			not used
. CSH06			not used
. CSH07			not used
. CSH08			not used
. CSH09			not used
. CSH10			not used



### SAC Segment

Purpose: To convey information relative to services required, allowances and charges.

Element	Value	Length	Comment
. SAC01	A or C	X(1)	Allowance/Charge
. SAC02	Allowance/Charge Code	X(4)	<b>G590 - Write off</b> <b>I570 - Warehouse</b> <b>C000 - Defective</b> <b>C320 - Fixture</b> <b>E800 - No Return Policy</b> <b>A400 - Markdown</b> <b>I170 - Trade</b> <b>G690 - Special</b> <b>E740 - New stores</b> <b>C300 - None of the above</b>
. SAC03	VICS Agency Code		
. SAC04	VICS Service Code		
. SAC05	Allowance/Charge Amt	9(9v99)	
. SAC06	Allow./Charge Qualifier	X(2)	
. SAC07	Allow./Charge Percent	9(2)v99	
. SAC08			not used
. SAC09			not used
. SAC10			not used
. SAC11			not used
. SAC12	'02' Off Invoice	X(2)	Allowance or Charge Method code
. SAC13	New Store Code	X(6)	
. SAC14			not used
. SAC15	Discount/Allow. Desc.	X(15)	
. SAC16			not used



**ITD Segment**

Purpose: To specify terms of sale (Payment Terms).

Element	Value	Length	Comment
. ITD01	Payment Terms Type Code	X(2)	'02' if contains 'FF day' '08' if includes 'discount days' '01' if only includes 'net days'
. ITD02	2	X(1)	
. ITD03	Discount-%	99v99	
. ITD04		X(8)	not used
. ITD05	Discount-Days	9(3)	
. ITD06			not used
. ITD07	Discount-Net-Days	9(3)	
. ITD08			not used
. ITD09			not used
. ITD10			not used
. ITD11			not used
. ITD12			not used
. ITD13	Day of Month FF	9(2)	
. ITD14			not used
. ITD15			not used

Note: 'FF' First Following



**DTM Segment**

Purpose: To communicate critical shipping and order cancellation dates.

2 segments are used.

Element	Value	Length	Comment
. segment 1			
. DTM01	064	X(3)	'Do Not Deliver Before'
. DTM02	Not Before Date	X(8)	ccyymmdd format
. DTM03			not used
. DTM04			not used
. DTM05			not used
. DTM06			not used
. DTM07			not used
. segment 2			
. DTM01	063	X(3)	'Do Not Deliver After'
. DTM02	Not After Date	X(8)	ccyymmdd format
. DTM03			not used
. DTM04			not used
. DTM05			not used
. DTM06			not used
. DTM07			not used



### TD5 Segment

Purpose: To identify all relevant carriers.

Element	Value	Length	Comment
. TD501	Routing Sequence	X(1)	
. TD502	Carrier Id. Qualifier	X(2)	
. TD503	Carrier Name/Code	X(17)	
. TD504			not used
. TD505			not used
. TD506			not used
. TD507			not used
. TD508			not used
. TD509			not used
. TD510			not used
. TD511			not used
. TD512			not used
. TD513			not used
. TD514			not used
. TD515			not used



### N9 Segment

Purpose: To transmit identifying information as specified by the Reference Identification.

Element	Value	Length	Comment
. N901	AH	X(2)	
. N902	PO#	9(11)	Regular Merchandise
		9(07)	Big Ticket Merchandise
. N903			not used
. N904			not used
. N905			not used
. N906			not used
. N907			not used



## MSG Segment

Purpose: To transmit order information in free format.

Element	Value	Length	Comment
. MSG01	Free Format Text	X(264)	
. MSG02			not used
. MSG03			not used





## N1 Segment

Purpose: Two N1 segments may be transmitted.

The first will identify the Ship-To location for the order.

The location code will be a numeric HBC warehouse or store code.

All 'values' contained in the N1 segment identify the warehouse or store that merchandise is shipped to depending on the geographical location of the vendor.

Shipping Documents (Packing slips/Invoices) do not change with the implementation of EDI 850 Purchase Order .

A second N1 segment will identify the Consolidator.

Element	Value	Length	Comment
. segment 1			
. N101	ST	X(2)	Ship To Code
. N102		X(26)	not used
. N103	92	X(2)	
. N104	location code	X(4)	* see note 1
. N105			not used
. N106			not used
. segment 2			
. N101	CS	X(2)	Consolidator Code
. N102	Consolidator Name	X(15)	
. N103		X(2)	not used
. N104		X(4)	not used
. N105			not used
. N106			not used

\* Note 1:

**All Banners** ship-to locations (DC's) are 4 digit codes.

Please note that Zellers locations are in the form 0 + 3 characters.

'9999' will be in ship to location when the order is 'direct to store'



**P O1 Segment**

Purpose: To specify basic and most frequently used purchase order line item data.

1 occurrence for each line item.

Element	Value	Length	Comment
. PO101	Assigned Id nbr	9(11)	
. PO102	Total-Item-Qty	9(7)	
. PO103	Cost-Descriptor	X(2)	e.g. EA., DZ..
. PO104			not used
. PO105			not used
. PO106	UP or EN	X(2)	UPC or EAN Qualifier ** Note 1
. PO107	UPC or EAN #	9(13)	
. PO108	IT	X(2)	
. PO109	Vendor-Style	X(20)	
. PO110	IN	X(2)	
. PO111	HBC SKU#	X(8)	
. PO112	BO	X(2)	
. PO113	Vendor-Colour	X(10)	'N/A' if not applicable
. PO114	IZ	X(2)	
. PO115	Vendor-Size	X(10)	'N/A' if not applicable
. PO116			not used
. PO117			not used
. PO118			not used
. PO119			not used
. PO120			not used
. PO121			not used
. PO122			not used
. PO123			not used
. PO124			not used
. PO125			not used

**Note 1:** Big Ticket optional, may not have upc or ean code, will be zero filled



### CTP Segment

Purpose: To specify unit cost and retail pricing information.

Normally there will be 2 occurrences for each line item.

*Note: Big Ticket only 1 occurrence for unit cost in segment 1*

Element	Value	Length	Comment
. segment 1			
. CTP01			not used
. CTP02	UCP	X(3)	
. CTP03	Unit Cost Price	9(9)v99	
. CTP04			not used
. CTP05			not used
. CTP06			not used
. CTP07			not used
. CTP08			not used
. CTP09			not used
. CTP10			not used
. CTP11			not used
. segment 2			
. CTP01			not used
. CTP02	RES	X(3)	
. CTP03	Retail-Amount	9(9)v99	
. CTP04			not used
. CTP05			not used
. CTP06			not used
. CTP07			not used
. CTP08			not used
. CTP09			not used
. CPT10			not used
. CTP11			not used



### PID Segment

Purpose: To provide **Big Ticket (only)** product / item description information.

1 – 5 occurrences for each line item.

Where applicable the description will have a short identifier followed by the description.

i.e. 'model'

Element	Value	Length	Comment
. PID01	Item Description Type	X(01)	'F' Free Form
. PID02			not used
. PID03			not used
. PID04			not used
. PID05	Description	X(80)	
. PID06			not used
. PID07			not used
. PID08			not used
. PID09			not used



### PO4 Segment

Purpose: To specify inner pack information.

1 occurrence for each line item.

Element	Value	Length	Comment
. PO401	Buy Pack Qty	9(5)	
. PO402			not used
. PO403			not used
. PO404			not used
. PO405			not used
. PO406			not used
. PO407			not used
. PO408			not used
. PO409			not used
. PO410			not used
. PO411			not used
. PO412			not used
. PO413			not used
. PO414	Size of Inner Pack	9(4)	
. PO415			not used
. PO416			not used
. PO417			not used
. PO418			not used



### SAC Segment

Purpose: To convey information relative to services required, order allowances and charges.

Element	Value	Length	Comment
. SAC01	A or C or N	X(1)	Allowance/Charge
. SAC02	Allowance/Charge Cde	X(4)	
. SAC03	VI	X(2)	
. SAC04	Allowance/Charge Cde	X(8)	VICS Code
. SAC05	Allow. or Charge Amt	9(9)v99	
. SAC06	VICS Percent Qual	X(1)	
. SAC07	Allow. or Charge Pct	9(2)v99	
. SAC08			not used
. SAC09			not used
. SAC10			not used
. SAC11			not used
. SAC12			not used
. SAC13	Reference Nbr	X(6)	
. SAC14			not used
. SAC15	Ticket or Hanger Desc	X(15)	
. SAC15	Big Ticket Desc	X(15)	<b>** Note for Big Ticket only**</b>
. SAC16			not used



### SDQ Segment

Purpose: To specify pre-distribution quantities and locations.

As many as 10 locations and quantities may appear on each SDQ segment.

The Store-ID will be an alphanumeric HBC store code. It will be followed by the corresponding order quantity.

Element	Value	Length	Comment
.SDQ01	Cost-Descriptor	X(2)	eg. EA, DZ ..
.SDQ02	92	X(2)	
.SDQ03	Store-ID	X(6)	* see note 1
.SDQ04	Store-Qty	9(7)	
.SDQ05	Store-ID	X(6)	
.SDQ06	Store-Qty	9(7)	
.SDQ07	Store-ID	X(6)	
.SDQ08	Store-Qty	9(7)	
.SDQ09	Store-ID	X(6)	
.SDQ10	Store-Qty	9(7)	
.SDQ11	Store-ID	X(6)	
.SDQ12	Store-Qty	9(7)	
.SDQ13	Store-ID	X(6)	
.SDQ14	Store-Qty	9(7)	
.SDQ15	Store-ID	X(6)	
.SDQ16	Store-Qty	9(7)	
.SDQ17	Store-ID	X(6)	
.SDQ18	Store-Qty	9(7)	
.SDQ19	Store-ID	X(6)	
.SDQ20	Store-Qty	9(7)	
.SDQ21	Store-ID	X(6)	
.SDQ22	Store-Qty	9(7)	
.SDQ23			not used

- Note 1:

**Bay / H.O. / Zellers** store codes are 6 characters in length, **Hbhome** is 4 characters in length.



## SLN Segment

Purpose: To specify basic and most frequently used purchase subline item data for **Prepack**.

**Big Ticket** will not have subline items.

1 occurrence for each subline item.

Element	Value	Length	Comment
. SLN01	Assigned Id nbr	9(6)	
. SLN02			not used
. SLN03	Relationship Code	X(1)	'I' included
. SLN04	Total-Item-Qty	9(7)	
. SLN05	Cost-Descriptor	X(2)	e.g. EA., DZ..
. SLN06			not used
. SLN07			not used
. SLN08			not used
. SLN09	UP or EN	X(2)	UPC or EAN Qualifier
. SLN10	UPC or EAN #	9(13)	
. SLN11	IT	X(2)	
. SLN12	Vendor-Style	X(20)	
. SLN13	IN	X(2)	
. SLN14	HBC SKU#	X(8)	
. SLN15	BO	X(2)	
. SLN16	Vendor-Colour	X(10)	'N/A' if not applicable
. SLN17	IZ	X(2)	
. SLN18	Vendor-Size	X(10)	'N/A' if not applicable
. SLN19			not used
. SLN20			not used
. SLN21			not used
. SLN22			not used
. SLN23			not used
. SLN24			not used
. SLN25			not used
. SLN26			not used
. SLN27			not used
. SLN28			not used





### CTP Segment

Purpose: To specify retail and unit cost pricing information at the subline item.  
2 occurrences for each subline item.

Element	Value	Length	Comment
. <b>segment 1</b>			not used
. CTP01			not used
. CTP02	RES	X(3)	
. CTP03	Retail-Price	9(9)v99	**Note 1
. CTP04			not used
. CTP05			not used
. CTP06			not used
. CTP07			not used
. CTP08			not used
. CTP09			not used
. CPT10			not used
. CTP11			not used
. <b>segment 2</b>			not used
. CTP01			not used
. CTP02	UCP	X(3)	
. CTP03	Unit Cost-Amount	9(9)v99	
. CTP04			not used
. CTP05			not used
. CTP06			not used
. CTP07			not used
. CTP08			not used
. CTP09			not used
. CPT10			not used
. CTP11			not used



## PO4 Segment

Purpose: To specify inner pack information.

1 occurrence for each subline line item.

Element	Value	Length	Comment
. PO401	Inner Pack Qty	9(4)	
. PO402			not used
. PO403			not used
. PO404			not used
. PO405			not used
. PO406			not used
. PO407			not used
. PO408			not used
. PO409			not used
. PO410			not used
. PO411			not used
. PO412			not used
. PO413			not used
. PO414			not used
. PO415			not used
. PO416			not used
. PO417			not used
. PO418			not used



### CTT Segment

Purpose: To provide a hash total.

Element	Value	Length	Comment
. CTT01	# of PO1 segments	9(6)	
. CTT02			not used
. CTT03			not used
. CTT04			not used
. CTT05			not used
. CTT06			not used
. CTT07			not used