

Hudson's Bay Company
INCORPORATED 2ND MAY 1670



**IMPLEMENTING EDI
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PURCHASE ORDER CHANGES**

Technical Requirements

Section 02

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Transaction Set Summary

HBC uses the VICS Spreadsheet Extended PO Model. The table below shows how HBC is applying this model for purchase order changes. 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 exception for Hbchome our **new** Big Ticket System.

These exceptions will be noted on the individual segments where required.

Segment ID	POS	Segment Name	Req't	HBC Usage
. Header Area				
. ST	010	Transaction Set header	M	1 occurrence
. BCH	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
. ITD	130	Terms of Sale	O	1 occurrence
. DTM	150	Date reference	O	2 occurrences
. TD5	240	Carrier details	O	1 occurrence
. N9	285	Reference Identification	O	1 occurrence
. MSG	290	Message Text	O	1000 occurrences
. N1	300	Name	O	2 occurrence
. N2	310	Address 1	O	not used
. N3	320	Address 2	O	not used
. N4	330	Geographic location	O	not used
. REF	340	Reference Numbers	O	not used
. Detail Area				
. POC	010	PO base data	M	100,000 occurrence
. CTP	040	Pricing information	O	4 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..

Segment ID	POS	Segment Name	Req	HBC Usage
. TC2	235	Commodity	O	not used
. N9	330	Reference Number	O	not used
. SLN	470	Subline Item Detail	O	1000 occurrences
. PID	480	Product/Item Description	O	not used
. TC2	285	Commodity	O	not used
. CTP	512	Pricing Information	O	4 occurrences
. P04	518	Item Physical Details	O	1 occurrence
. Summary Area				
. CTT	010	Transaction totals	M	1 occurrence
. SE	020	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	860	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



BCH Segment

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

Element	Value	Length	Comment
. BCH01	01 or 04	X(2)	cancel or change
. BCH02	SA or RE	X(2)	
. BCH03	PO#	9(11)	Regular Merchandise
		9(07)	Big Ticket Merchandise
. BCH04			not used
. BCH05			not used
. BCH06	Order-date	X(8)	original order date ccyymmdd ***
. BCH07			not used
. BCH08			not used
. BCH09			not used
. BCH10			not used
. BCH11	Request date	X(8)	ccyymmdd
. BCH12			not used
. BCH13			not used
. BCH14			not used
. BCH15			not used
. BCH16			not used

Note:

- The value of BCH02 is as follows:
 - . Value: 'RE' if the source of the order is HBC's automatic replenishment system.
 - . Value: '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 numbers.

Three segments are mandatory.

Segment 1 is mandatory.

Either segment 2 or 3 will be sent. If there's no event information for segment 2 then segment 3 will be sent with order type description.

Segment 3 will be sent with internal vendor number.

Element	Value	Length	Comment
. segment 1			
. REF01	DP	X(2)	
. REF02	Category Nbr	X(4)	
. REF03			not used
. 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	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
. CSH19			not used



SAC Segment

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

Element	Value	Length	Comment
. SAC01	A or C or N	X(1)	Allowance/Charge
. SAC02	Allowance/Charge Code	X(4)	G590 - Write off I570 - Warehouse C000 - Defective C320 - Fixture E800 - No Return Policy A400 - Markdown I170 - Trade G690 - Special E740 - New stores C300 - None of the above
. SAC03	VI	X(2)	
. SAC04	Allowance/Charge Code	X(10)	VICS Code
. SAC05	Allowance/Charge Amt	9(9v99)	
. SAC06	Allow./Charge Qualifier	X(1)	
. 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	Allowance/Charge 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	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	Ship-date	X(8)	ccyymmdd
. DTM03			not used
. DTM04			not used
. DTM05			not used
. DTM06			not used
. segment 2			
. DTM01	063	X(3)	'Do Not Deliver After'
. DTM02	Cancel-date	X(8)	ccyymmdd
. DTM03			not used
. DTM04			not used
. DTM05			not used
. DTM06			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
. N904			not used
. N903			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

* Note 1:

Banner / Chain indication examples:

ZELLERS HBC PO
BAY PO
HOME OUTFITTERS PO
HBC DIRECT PO

* Note 2:

Does not apply to Hbc Home Big Ticket Orders



N1 Segment

Purpose: Two N1 segments may be transmitted.

The first will identify the **original** Ship-To location for the order. The location code will be an alphanumeric HBC's 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.

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)	
. N105			not used
. N106			not used

Note: If location codes in the SDQ segment are also the ship to location, then the N1 segment will be omitted. Only approved direct-to-store vendors will be accepted.

. 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 OC Segment

Purpose: To specify changes to a line item.

1 occurrence for each line item.

Element	Value	Length	Comment
. POC01	Assigned Id nbr	9(11)	
. POC02	Chg. Type	X(2)	'AI', 'DI', 'PC' 'QD', 'QI', 'CE'
. POC03	Order Qty	9(7)	
. POC04	Adjustment Qty	9(7)	
. POC05	Cost Descriptor unit of measure	X(2)	e.g. ea, dz, ca (multisku case pack)
. POC06			not used
. POC07			not used
. POC08	UPC Id	X(2)	EN or UP
. POC09	UPC #	X(13)	*** Note 1
. POC10	IT	X(2)	
. POC11	Vendor-Style	X(20)	
. POC12	IN	X(2)	
. POC13	HBC SKU#	X(8)	
. POC14	BO	X(2)	
. POC15	Vendor-Colour	X(10)	'N/A' if not applicable
. POC16	IZ	X(2)	
. POC17	Vendor-Size	X(10)	'N/A' if not applicable
. POC18			not used
. POC19			not used
. POC20			not used
. POC21			not used
. POC22			not used
. POC23			not used
. POC24			not used
. POC25			not used
. POC26			not used
. POC27			not used

Note 1: Big Ticket may not have upc or ean code, zeros will be sent



CTP Segment

Purpose: To specify unit cost and retail pricing information.

Normally there will be 2 occurrences of this segment.

Note: Big Ticket sends only unit cost in segment 1

Where the segment is used to communicate pricing changes, there may be up to 4 occurrence for each line item. The first occurrence of unit price will be the old price. The second occurrence will be the new unit price. The first occurrence of retail price will be the old retail. The second occurrence will be the new retail.

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-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



PID Segment

Purpose: To provide **Big Ticket** 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)	X12 Code
. 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			not used
. SAC14			not used
. SAC15	Ticket or Hanger Desc	X(15)	
. SAC15	Allowance/Charge Desc	X(15)	**Note only for Big Ticket**
. SAC16			not used



SDQ Segment

Purpose: To specify pre-distribution quantities and locations.

HBC specifies up to 10 locations and quantities 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)	** 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** 4 characters in length.



SLN Segment

Purpose: To specify basic and most frequently used purchase subline item data for Prepack.
Not used in **Big Ticket**.

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.

Normally there would be **2** occurrences for each subline item.

Where the segment is used to communicate pricing changes, there may be up to **4** occurrence for each sub line item. The first occurrence of unit price will be the old price. The second occurrence will be the new unit price. The first occurrence of retail price will be the old retail. The second occurrence will be the new retail.

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
. CPT10			not used
. CTP11			not used
. segment 2			
. CTP01			not used
. CTP02	RES	X(3)	
. CTP03	Retail Price	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

Note:

The option to change price at the subline will be available in the future.



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



CTT Segment

Purpose: To provide a hash total.

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