

Hudson's Bay Company
INCORPORATED 2ND MAY 1670



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Technical Requirements
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Transaction Set Summary

The table below provides a summary of Hbc's requirements for the Ship Notice transaction.

HBC consists of 4 banners The Bay, Zellers, Home Outfitters and Hbc Home. All 4 use common maps with a few exceptions for Hbc Home 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 Information				
. ST	010	Transaction Set header	M	1 occurrence
. BSN	020	Begin ASN segment	M	1 occurrence
. Shipment Information				
. HL	010	Hierarchical Level	M	1 occurrence
. TD1	110	Carrier Details (Qty & Wt)	O	not used
. TD5	120	Carrier Details (Routing)	O	not used
. TD3	130	Carrier Details (Equipment)	O	1 occurrence
. REF	150	Reference Numbers	M	3 occurrences max.
. PER	151	Contact	O	not used
. DTM	200	Date Reference	O	1 occurrence
. FOB	210	FOB Instructions	O	not used
. N1	220	Name	M	1 occurrence
. N2	230	Address 1	O	not used
. N3	240	Address 2	O	not used
. N4	250	Geographic location	O	not used
. Order Information				
. HL	010	Hierarchical Level	M	1 occurrence
. PRF	050	PO Reference	M	1 occurrence
. TD1	110	Carrier Details (Qty & Wt)	O	multiple occurrences
. TD5	120	Carrier Details (Routing)	O	1 occurrence
. REF	150	Reference Numbers	O	1 occurrence
. N1	220	Name	M	1 occurrence
. N2	230	Address 1	O	not used
. N3	240	Address 2	O	not used
. N4	250	Geographic location	O	not used



. CUR 310 Currency

0 not used



Segment ID	POS	Segment Name	VICS Reqd	HBC Usage
. Tare Information (Optional)				
. HL	010	Hierarchical Level	M	1 occurrence
. MAN	190	Marks & Numbers	M	1 occurrence
Pack Information (Optional)				
. HL	010	Hierarchical Level	M	1 occurrence
. LIN	020	Item Identification	O	1 occurrence
. SN1	030	Item Detail (shipment)	O	1 occurrence
. PKG	100	Marking, Packaging, Loading	O	1 occurrence
. MAN	190	Marks & Numbers	M	1 occurrence
.Subpack Information				
. HL	010	Hierarchical Level	M	not used
. PKG	100	Marking, Packaging, Loading	O	not used
. MAN	190	Marks & Numbers	O	not used
Item Information				
. HL	010	Hierarchical Level	M	1 occurrence
. LIN	020	Item Identification	M	1 occurrence/HL
. SN1	030	Item Detail (Shipment)	M	1 occurrence
. SLN	040	Subline Item Detail	O	multiple occurrences
. PRF	050	PO Reference	O	not used
. PO4	060	Item Physical Details	O	1 occurrence
. PID	070	Product/Item Description	O	not used
. MEA	080	Measurements	O	not used
. PKG	100	Marking, Packaging, Loading	O	not used
. TD1	110	Carrier Details (Qty & Wt)	O	not used
. TD5	120	Carrier Details (Routing)	O	not used
. TD4	140	Carrier Details (Handling)	O	not used
. DTM	200	Date Reference	O	not used
. SAC	320	Services & Allowances	O	not used
. 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	856	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



BSN Segment

Purpose: To indicate the beginning of the shipment notice and provide identifying numbers and dates.

Element	Value	Length	Comment
. BSN01	00	X(2)	
. BSN02	Shipment Id. Number	X(10)	.
. BSN03	Date	9(8)	ccyymmdd
. BSN04	Time	9(4)	hhmm
. BSN05	0001	X(4)	Pick & Pack Structure
. BSN06			not used
. BSN07			not used

NOTE: The shipment ID number should not begin with an "A", "C", "D" or "Z" as they have special meanings in our accounts payable dept.



HL Segment (Shipment Level)

Purpose: To identify the beginning of the **Shipment** level of the Shipment Notice.

Element	Value	Length	Comment
. HL01	Hierarchial Id	X(12)	**Note
. HL02	Parent Id		not used
. HL03	S	X(1)	
. HL04			not used

Note:

Value assigned for the first HL segment will be '1' and is incremented by one, for each subsequent HL segment, within the transaction set.



TD3 Segment

Purpose: To provide Carrier equipment information.

Element	Value	Length	Comment
. TD301	TL	X(2)	
. TD302			not used
. TD303	Trailer Number	X(10)	
. TD304			not used
. TD305			not used
. TD306			not used
. TD307			not used
. TD308			not used
. TD309			not used
. TD310			not used



REF Segment

Purpose: Three occurrences of this segment may be used. The 1st occurrence is **mandatory** and is used to convey the Bill of Lading number. Where a Master Bill of Lading exists, a second REF segment must be sent to convey this information.

For Big Ticket vendors a 3rd Ref segment is optional in VICS, though required by Hbc making this either the 2nd or 3rd Ref segment

Element	Value	Length	Comment
. segment 1			
. REF01	BM	X(2)	
. REF02	Bill of Lading	X(20)	
. REF03			not used
. REF04			not used
. segment 2			
. REF01	MB	X(2)	
. REF02	Master Bill of Lading	X(20)	
. REF03			not used
. REF04			not used

* Master Bill of Lading is mandatory if multiple ASN's and Bill of Ladings are being used on a single truck.

* There can only be one Master Bill per truck.

* One ASN can not reference more than one truck or Bill of Lading

Big Ticket vendors only

. segment 3			
. REF01	AO	X(2)	
. REF02	Appointment Number	X(10)	
. REF03			not used
. REF04			not used



DTM Segment

Purpose: To communicate the date of the shipment.

Element	Value	Length	Comment
. DTM01	011	X(3)	
. DTM02	Date Shipped	X(8)	ccyymmdd format
. DTM03			not used
. DTM04			not used
. DTM05			not used
. DTM06			not used



N1 Segment

Purpose: To identify the Vendor's ship-to location.

Element	Value	Length	Comment
. N101	ST	X(2)	
. N102			not used
. N103	92	X(2)	
. N104	Ship-To Location	9(4)	* see note
. N105			not used
. N106			not used

Note:

Ship-to locations are 4 digits.

9999 for ship to location when direct to store



HL Segment (Order Level)

Purpose: To identify the beginning of the **Order** level of the Shipment Notice.

Element	Value	Length	Comment
. HL01	Hierarchial Id	X(12)	**Note
. HL02	Parent Id	X(12)	
. HL03	O	X(1)	
. HL04			not used

Note:

Value assigned for the first HL segment will be '1' and is incremented by one, for each subsequent HL segment, within the transaction set.



PRF Segment

Purpose: To reference the purchase order.

Element	Value	Length	Comment
. PRF01	PO Number	X(11)	
. PRF01	PO Number	X(07)	Big Ticket only
. PRF02			not used
. PRF03			not used
. PRF04			not used
. PRF05			not used
. PRF06			not used
. PRF07			not used



TD1 Segment

Purpose: To specify type and number of shipping containers in the order.

Element	Value	Length	Comment
. TD101	Packaging Code	X(5)	e.g. PLT94
. TD102	Lading Qty	9(7)	
. TD103			not used
. TD104			not used
. TD105			not used
. TD106			not used
. TD107			not used
. TD108			not used
. TD109			not used
. TD1010			not used



TD5 Segment

Purpose: To provide Carrier routing information.

Element	Value	Length	Comment
. TD501			not used
. TD502			not used
. TD503			not used
. TD504			not used
. TD505			not used
. TD506	Shipment/Order Status	X(2)	
. 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



REF Segment

Purpose: This segment may be used to provide the Vendor's internal shipping document number.

Element	Value	Length	Comment
. segment 1			
. REF01	VN	X(2)	
. REF02	Vendor Order Nbr	X(10)	* see note
. REF03			not used
. REF04			not used

* Note: Must be a unique non-recurring number.



N1 Segment

Purpose: To identify Hbc store/DC location that will ultimately receive the goods .

Element	Value	Length	Comment
. N101	BY	X(2)	
. N102			not used
. N103	92	X(2)	
. N104	Store Location	X(6)	* see Note
. N105			not used
. N106			not used

* Note: The size of the store code may vary. The maximum size is 6 characters.

Bay/H.O locations are 5 alphanumeric characters, **Hbc Home** has 4 alphanumeric characters and **Zellers** locations are 6 alphanumeric characters.



HL Segment (Tare/Pallet Level) Optional

Purpose: To identify the beginning of the **Tare (i.e. Pallet)** level of the Shipment Notice:

If this level of packaging is **not** being used, then this level may be excluded from the transaction.

Element	Value	Length	Comment
. HL01	Hierarchial Id	X(12)	**Note
. HL02	Parent Id	X(12)	
. HL03	T	X(1)	
. HL04			not used

Note:

Value assigned for the first HL segment will be '1' and is incremented by one, for each subsequent HL segment, within the transaction set.



MAN Segment

Purpose: This segment is used to provide specific marks and numbers for shipping containers at the Tare level.

Element	Value	Length	Comment
. MAN01	GM	X(2)	UCC/EAN-128 Container Code
. MAN02	Container Number	X(20)	
. MAN03			not used
. MAN04			not used
. MAN05			not used
. MAN06			not used



HL Segment (Pack) Optional

Purpose: To identify the beginning of the **Pack** level of the Shipment Notice.

Notice:

If this level of packaging is **not** being used, then this level may be excluded from the transaction, but the Tare level **must** be used.

Element	Value	Length	Comment
. HL01	Hierarchial Id	X(12)	**Note
. HL02	Parent Id	X(12)	
. HL03	P	X(1)	
. HL04			not used

Note:

Value assigned for the first HL segment will be '1' and is incremented by one, for each subsequent HL segment, within the transaction set.



LIN Segment

Purpose: To specify at the Pack Level the U.P.C./EAN Case Code.
This indicates there are Prepacks.

Element	Value	Length	Comment
. LIN01			not used
. LIN02	UA	X(2)	U.P.C. / EAN case code
. LIN03	UPC or EAN Case Code	X(12)	
. LIN04			not used
. LIN05			not used
. LIN06			not used
. LIN07			not used
. LIN08			not used
. LIN09			not used
. LIN10			not used
. LIN11			not used
. LIN12			not used
. LIN13			not used
. LIN14			not used
. LIN15			not used
. LIN16			not used
. LIN17			not used
. LIN18			not used
. LIN19			not used
. LIN20			not used
. LIN21			not used
. LIN22			not used
. LIN23			not used
. LIN24			not used
. LIN25			not used
. LIN26			not used
. LIN27			not used
. LIN28			not used
. LIN29			not used
. LIN30			not used
. LIN31			not used



SN1 Segment

Purpose: To specify at the pack level the number of cases identified by the U.P.C. /EAN Case Code, in the previous LIN segment.
This indicates there are Prepacks.

Element	Value	Length	Comment
. SN101			not used
. SN102	Units Shipped	9(7)	
. SN103	Unit of Measure	X(2)	CA
. SN104			not used
. SN105			not used
. SN106			not used
. SN107			not used
. SN108			not used



PKG Segment

Purpose: To describe packaging requirements.

Element	Value	Length	Comment
. PKG01	S	X(1)	
. PKG02			not used
. PKG03	VI	X(2)	VICS Code List
. PKG04	Description Code	X(3)	e.g. P06
. PKG05			not used
. PKG06			not used



MAN Segment

Purpose: This segment is used to provide specific marks and numbers for shipping container at the Pack level.

Element	Value	Length	Comment
. MAN01	GM	X(2)	UCC/EAN-128 Container Code
. MAN02	Container Number	X(20)	
. MAN03			not used
. MAN04			not used
. MAN05			not used
. MAN06			not used



HL Segment (Item Level)

Purpose: To identify the beginning of the **Item** level of the Shipment Notice.

Element	Value	Length	Comment
. HL01	Hierarchical Id	X(12)	**Note
. HL02	Parent Id	X(12)	
. HL03	I	X(1)	
. HL04			not used

Note:

Value assigned for the first HL segment will be '1' and is incremented by one, for each subsequent HL segment, within the transaction set.



LIN Segment

Purpose: To specify basic item identification data. One occurrence for each line item. Where the UPC number is not available, then style, colour, and size must be provided.

Element	Value	Length	Comment
. LIN01	Assigned Id nbr	9(11)	
. LIN02	UP or EN	X(2)	UPC or EAN Qualifier
. LIN03	UPC or EAN #	9(13)	*** Note 1
. LIN04	IN	X(2)	
. LIN05	Bay or Zellers SKU #	9(8)	
. LIN06	IT	X(2)	
. LIN07	Vendor Style	X(20)	
. LIN08	BO	X(2)	
. LIN09	Vendor Colour	X(10)	
. LIN10	IZ	X(2)	
. LIN11	Vendor Size	X(10)	
. LIN12			not used
. LIN13			not used
. LIN14			not used
. LIN15			not used
. LIN16			not used
. LIN17			not used
. LIN18			not used
. LIN19			not used
. LIN20			not used
. LIN21			not used
. LIN22			not used
. LIN23			not used
. LIN24			not used
. LIN25			not used
. LIN26			not used
. LIN27			not used
. LIN28			not used
. LIN29			not used
. LIN30			not used
. LIN31			not used

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



SN1 Segment

Purpose: To specify item detail relative to the shipment. One occurrence for each line item.

Element	Value	Length	Comment
. SN101			not used
. SN102	Units Shipped	9(7)	
. SN103	Unit of Measure	X(2)	e.g. EA
. SN104			not used
. SN105			not used
. SN106			not used
. SN107			not used
. SN108			not used



SLN Segment

Purpose: To specify the SKU contents of an assortment.

Element	Value	Length	Comment
. SLN01	Assigned Id Nbr	9(11)	
. SLN02			not used
. SLN03	Configuration Code	X(1)	
. SLN04	Sub-Item Qty	9(7)	
. SLN05	Unit of Measure Cde	X(2)	e.g. DZ
. SLN06	Unit Price	9(9)v99	
. SLN07	Basis of Unit Price	X(2)	
. SLN08			not used
. SLN09	UP or EN	X(2)	
. SLN10	UPC or EAN #	9(13)	
. SLN11	IT	X(2)	
. SLN12	Vendor Style	X(20)	
. SLN13	BO	X(2)	
. SLN14	Vendor Colour	X(10)	
. SLN15	IZ	X(2)	
. SLN16	Vendor Size	X(10)	
. SLN17	IN	X(2)	
. SLN18	Bay or Zellers SKU #	9(8)	Prepack
. 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



PO4 Segment

Purpose: To specify the physical qualities of an item, if different from the PO. One 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



CTT Segment

Purpose: To provide a hash total.

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