



PetSmart

856 Ship Notice/Manifest

Version 4010

Production: ZZ/LB134932

Staging: ZZ/LB134932T

856 Ship Notice/Manifest

Functional Group = SH

Header

USER REQ	REQ DES.	MAX USE	POS NO.	SEGMENT ID	SEGMENT NAME
M	M	1	010	ST	Transaction Set Header
M	M	1	020	BSN	Beginning Segment for Ship Notice

Detail

USER REQ	REQ DES.	MAX USE	POS NO.	SEGMENT ID	SEGMENT NAME
LOOP HL (Shipment Loop) Max: 200000 Required					
				HL	Hierarchical Level
M	M	1	010		
M	O	12	120	TD5	Carrier Details (Routing Sequence/Transit Time)
O	O	>1	150	REF	Reference Identification
M	O	10	200	DTM	Date/Time Reference
LOOP N1 (Ship from must Max: 200 Required)					
				N1	Name
M	M	1	220		
M	O	2	230	N2	Additional Name Information
O	O	2	240	N3	Address Information
M	O	1	250	N4	Geographic Location
LOOP HL (Order Loop) Max: 200000 Required					
				HL	Hierarchical Level
M	M	1	010		
M	O	1	050	PRF	Purchase Order Reference
LOOP HL (Package Loop) Max: 200000 Required					
				HL	Hierarchical Level
M	M	1	010		
O	O	1	060	PO4	Item Physical Details
M	O	>1	190	MAN	Marks and Numbers
LOOP HL (Item Loop) Max: 200000 Required					

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856 (Version 4010)

M	M	1	010	HL	Hierarchical Level
M	O	1	020	LIN	Item Identification
M	O	1	030	SN1	Item Detail (Shipment)

Summary

USER	REQ	MAX	POS	SEGMENT ID	SEGMENT NAME
REQ	DES.	USE	NO.		
O	O	1	010	CTT	Transaction Totals
M	M	1	020	SE	Transaction Set Trailer

ST

ST Transaction Set Header

Position: 010
Loop:
Level: Header
User Req: Required
Max Use: 1

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	ST01	143	Transaction Set Identifier Code	ID	3/3
				856 Ship Notice/Manifest		
M	M	ST02	329	Transaction Set Control Number	AN	4/9
				Follow standard		

Notes: Example: ST*856*0001



BSN Beginning Segment for Ship Notice

Position: 020

Loop:

Level: Header

User Req: Required

Max Use: 1

Notes: Example: BSN*00*1234*20230607*1854

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	BSN01	353	Transaction Set Purpose Code 00 Original	ID	2/2
M	M	BSN02	396	Shipment Identification ID Assigned by the Vendor	AN	2/30
M	M	BSN03	373	Date YYYYMMDD	DT	8/8
M	M	BSN04	337	Time HHSS	TM	4/8

HL

HL Hierarchical Level

Position: 010
Loop: HL (Shipment Loop)
Level: Detail
User Req: Required
Max Use: 1
Notes: Example: HL*1**S

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	HL01	628	Hierarchical ID Number Follow standard	AN	1/12
M	M	HL03	735	Hierarchical Level Code	ID	1/2
				S Shipment		

TD5 Carrier Details (Routing Sequence/Transit Time)

Position: 120
Loop: HL (Shipment Loop)
Level: Detail
User Req: Required
Max Use: 12

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	O	TD502	66	Identification Code Qualifier 2 Standard Carrier Alpha Code (SCAC)	ID	1/2
M	O	TD503	67	Identification Code Carrier SCAC Code	AN	2/80
M	O	TD505	387	Routing	AN	1/35

Notes: Example: TD5**2*UPSN_CG**UPS

Class Code - This can be a free form field or if using the shipment code mappings will need to match the Custom Code that was setup. When sending the Custom Code, the corresponding

CarrierCode and Class Code will automatically get populated.

REF

REF Reference Identification

Position: 150
Loop: HL (Shipment Loop)
Level: Detail
User Req: Optional
Max Use: >1
Notes: Example: REF*CN*48974954974
 Can be populated up to 3 times.

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	REF01	128	Reference Identification Qualifier	ID	2/3
				CN / BM		
				CN Carrier's Reference Number (PRO/Invoice)		
				BM Bill of Lading Number		
				IA Internal Vendor Number		
M	O	REF02	127	Reference Identification	AN	1/30

DTM

DTM Date/Time Reference

Position: 200
Loop: HL (Shipment Loop)
Level: Detail
User Req: Required
Max Use: 10
Notes: Example: DTM*011*20230607

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	DTM01	374	Date/Time Qualifier 011 Shipped	ID	3/3
M	O	DTM02	373	Date YYYYMMDD	DT	8/8

N1

N1 Name

Position: 220
Loop: N1 (Ship from must be populated if not defaulted in the Portal)
Level: Detail
User Req: Required
Max Use: 1

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	N101	98	Entity Identifier Code	ID	2/3
				SF Ship From		
M	O	N102	93	Name	AN	1/60
				Ship from/to name		

Notes: Example: N1*Sf*Company Name
 *These fields are important if creating packing slips internally

N2

N2 Additional Name Information

Position: 230

Loop: N1 (Ship from must be populated if not defaulted in the Portal) **Level:**

Detail

User Req: Required

Max Use: 2

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	N201	93	Name	AN	1/60
					First Name	
O	O	N202		Name		93AN
1/60				Last Name		

N3 Address Information

Position: 240

Loop: N1 (Ship from must be populated if not defaulted in the Portal) **Level:**

Detail

User Req: Optional

Max Use: 2

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	N301	166	Address Information	AN	1/55
O	O	N302	166	Address Information	AN	1/55

N4

N4 Geographic Location

Position: 250

Loop: N1 (Ship from must be populated if not defaulted in the Portal)

Level: Detail

User Req: Required

Max Use: 1

Notes: Example: N4*Albany*NY*12210

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	O	N401	19	City Name Ship from city	AN	2/30
M	O	N402	156	State or Province Code Ship from state	ID	2/2
M	O	N403	116	Postal Code Ship from zip	ID	3/15
M	O	N404	26	Country Code	ID	2/3

HL Hierarchical Level

Position: 010
Loop: HL (Order Loop)
Level: Detail
User Req: Required
Max Use: 1
Notes: Example: HL*2*1*O

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	HL01	628	Hierarchical ID Number Follow standard	AN	1/12
M	O	HL02	734	Hierarchical Parent ID Number Follow standard	AN	1/12
M	M	HL03	735	Hierarchical Level Code O	ID	1/2

PRF Purchase Order Reference

PRF

Position: 050
Loop: HL (Order Loop)
Level: Detail
User Req: Required
Max Use: 1
Notes: Example: PRF*34543

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	PRF01	324	Purchase Order Number PO Number from Order	AN	1/22

HL Hierarchical Level

Position: 010
Loop: HL (Package Loop
)
Level: Detail
User Req: Required
Max Use: 1
Notes: Example: HL*3*2*P

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	HL01	628	Hierarchical ID Number Follow standard	AN	1/12
M	O	HL02	734	Hierarchical Parent ID Number Follow standard	AN	1/12
M	M	HL03	735	Hierarchical Level Code P P Pack	ID	1/2

PO4 **Item**
Physi

PO4

cal Details

Position: 060

Loop: HL (Package Loop

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Level: Detail

User Req: Optional

Max Use: 1

User Req	ReqRef. Des.	Data Element	Element	Name	Des.	Data Type	Min/Max Len.
O	O	PO410	82	Length		R	1/8
O	O	PO411	189	Width		R	1/8
O	O	PO412	65	Height		R	1/8
O	O	PO413	355	Unit or Basis for Measurement Code		ID	2/2



MAN Marks and Numbers

Position: 190

Loop: HL (Package Loop

)

Level: Detail

User Req: Required

Max Use: >1

Notes: Example: MAN*CP*1Z0000000000000000

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	MAN01	88	Marks and Numbers Qualifier CP Carrier-Assigned Package ID Number	ID	1/2
M	M	MAN02	87	Marks and Numbers	AN	1/48
O	O	MAN04	88	Marks and Numbers Qualifier	ID	1/2
O	O	MAN05	87	Marks and Numbers	AN	1/48

HL

HL Hierarchical Level

Position: 010
Loop: HL (Item Loop)
Level: Detail
User Req: Required
Max Use: 1

Notes: Example: HL*4*3*I

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	HL01	628	Hierarchical ID Number Follow standard	AN	1/12
M	O	HL02	734	Hierarchical Parent ID Number Follow standard	AN	1/12
M	M	HL03	735	Hierarchical Level Code I Item	ID	1/2



LIN Item Identification

Position: 020

Loop: HL (Item Loop)

Level: Detail

User Req: Required

Max Use: 1

Notes: Example: LIN*01*VN*1234*IN*123456*UP*123456789012

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	O	LIN01	350	Assigned Identification Line Number - Must match line number from the original PO	AN	1/20
M	M	LIN02	235	Product/Service ID Qualifier VN Vendor's (Seller's) Item Number	ID	2/2
M	M	LIN03	234	Product/Service ID	AN	1/48
O	O	LIN04	235	Product/Service ID Qualifier SK Stock Keeping Unit (SKU)	ID	2/2
O	O	LIN05	234	Product/Service ID	AN	1/48
O	O	LIN06	235	Product/Service ID Qualifier UP U.P.C. Consumer Package Code (1-5-5-1)	ID	2/2

O O LIN07 234 Product/Service ID AN 1/48

SN1 Item Detail (Shipment)

SN1

Position: 030
Loop: HL (Item Loop)
Level: Detail
User Req: Required
Max Use: 1
Notes: Example: SN1**2*EA**2*EA

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	SN102	382	Number of Units Shipped Number of units shipped	R	1/10
M	M	SN103	355	Unit or Basis for Measurement Code Code Name EA Each	ID	2/2



CTT Transaction Totals

Position: 010
Loop:
Level: Summary
User Req: Optional
Max Use: 1
Notes: Example: CTT*1

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	CTT01	354	Number of Line Items	N0	1/6

SE Transaction Set Trailer

Position: 020
Loop:
Level: Summary
User Req: Required
Max Use: 1

User Req	Req Des.	Ref. Data	Element Name	Des. Element	Data Type	Min/Max Len.
M	M	SE01	96	Number of Included Segments	N0	1/10
M	M	SE02	329	Transaction Set Control Number	AN	4/9