



FlexShopper

856 Ship Notice/Manifest

Version 4010

Advanced Ship Notice 856
X12 4010

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					
M	M	1	010	HL	Hierarchical Level
O	O	20	110	TD1	Carrier Details (Quantity and Weight)
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 Max: 200 Required					
M	M	1	220	N1	Name
O	O	2	230	N2	Additional Name Information
O	O	2	240	N3	Address Information
O	O	1	250	N4	Geographic Location
LOOP HL (Order Loop) Max: 200000 Required					
M	M	1	010	HL	Hierarchical Level
M	O	1	050	PRF	Purchase Order Reference
LOOP HL (Package Loop) Max: 200000 Required					
M	M	1	010	HL	Hierarchical Level
O	O	1	060	PO4	Item Physical Details
O	O	20	110	TD1	Carrier Details (Quantity and Weight)
M	O	>1	190	MAN	Marks and Numbers
LOOP HL (Item Loop) Max: 200000 Required					
M	M	1	010	HL	Hierarchical Level
M	O	1	020	LIN	Item Identification

M	O	1	030	SN1	Item Detail (Shipment)
O	O	200	070	PID	Product/Item Description

Summary

USER REQ	REQ DES.	MAX USE	POS NO.	SEGMENT ID	SEGMENT NAME
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**Notes:** Example: ST*856*0001

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		

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	AN	1/12
				Follow standard		
M	M	HL03	735	Hierarchical Level Code	ID	1/2
				S Shipment		

TD1**TD1 Carrier Details (Quantity and Weight)****Position:** 110**Loop:** HL (Shipment Loop)**Level:** Detail**User Req:** Optional**Max Use:** 20**Notes:** Example: TD1*****15*LB

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	O	TD107	81	Weight	R	1/10
				Weight of Shipment		
M	O	TD108	355	Unit or Basis for Measurement Code	ID	2/2
				LB Pound		

TD5

TD5 Carrier Details (Routing Sequence/Transit Time)

Position: 120**Loop:** HL (Shipment Loop)**Level:** Detail**User Req:** Required**Max Use:** 12**Notes:** Example: TD5**2*UPSN_CG**UPS

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 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.	AN	1/35

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		
M	O	REF02	127	Reference Identification	AN	1/30
				Based on the qualifier sent in the REF-01		

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	ID	3/3
				011 Shipped		
				067 Current Schedule Delivery		
M	O	DTM02	373	Date	DT	8/8
				YYYYMMDD		

N1

N1 Name

Position: 220
Loop: N1 (Shipment Loop)
Level: Detail
User Req: Required
Max Use: 1
Notes: Example: N1*SF*Company Name

*These fields are important if creating packing slips internally

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		

N2

N2 Additional Name Information

Position: 230**Loop:** N1 (Shipment Loop)**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	N201	93	Name	AN	1/60
				First Name		
O	O	N202	93	Name	AN	1/60
				Last Name		

N3**N3 Address Information****Position:** 240**Loop:** N1 (Shipment Loop)**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 (Shipment Loop)**Level:** Detail**User Req:** Optional**Max Use:** 1**Notes:** Example: N4*City*ST*12203

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

HL**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**PRF Purchase Order Reference****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

HL Hierarchical Level

Position: 010**Loop:** HL (Package Loop

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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	ID	1/2
				P Pack		

PO4**PO4 Item Physical Details****Position:** 060**Loop:** HL (Package Loop

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Level: Detail**User Req:** Optional**Max Use:** 1

User Req	Req Des.	Ref. Des.	Data Element	Element Name	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

TD1**TD1 Carrier Details (Quantity and Weight)****Position:** 110**Loop:** HL (Package Loop

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Level: Detail**User Req:** Optional**Max Use:** 20

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
O	O	TD101	103	Packaging Code	AN	3/5
O	O	TD107	81	Weight	R	1/10
O	O	TD108	355	Unit or Basis for Measurement Code	ID	2/2

MAN Marks and Numbers**Position:** 190**Loop:** HL (Package Loop

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Level: Detail**User Req:** Required**Max Use:** >1**Notes:** Example: MAN*CP*1Z000000000000000000

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

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	ID	1/2
				I Item		

LIN

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 IN Buyer's Item Number	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**SN1 Item Detail (Shipment)****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 EA	ID	2/2
O	O	SN104	646	Quantity Shipped to Date Number of units ordered	R	1/15
O	O	SN105	330	Quantity Ordered EA	R	1/15

PID**PID Product/Item Description****Position:** 070**Loop:** HL (Item Loop)**Level:** Detail**User Req:** Optional**Max Use:** 200**Notes:** Example: PID*F****Example Description

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	PID01	349	Item Description Type	ID	1/1
				F Free-form		
M	O	PID05	352	Description	AN	1/80
				Item description of what's being shipped		

CTT**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**SE Transaction Set Trailer****Position:** 020**Loop:****Level:** Summary**User Req:** Required**Max Use:** 1

User Req	Req Des.	Ref. Des.	Data Element	Element Name	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