



ITA Group

856 Ship Notice/Manifest

Version 4010

Stage EDI ID: ZZ*LB134450
 Production EDI ID: ZZ*LB134450

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					
O	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
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)

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 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
				Unique Control Number		

BSN Beginning Segment for Ship Notice

Position: 020
Loop:
Level: Header
User Req: Required
Max Use: 1
Notes: Example: BSN*00*1234*20240226*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
O	O	BSN05	1005	Hierarchical Structure Code 0001 Shipment, Order, Packaging, Item 0002 Shipment, Order, Item, Packaging	ID	4/4

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 S Shipment	ID	1/2

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 Carrier Details (Routing Sequence/Transit Time)

Position: 120
Loop: HL (Shipment Loop)
Level: Detail
User Req: Required
Max Use: 12
Notes: Example: TD5*B*2*UNSP**UPSN-CG~

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
O	O	TD501	133	Routing Sequence Code	ID	1/2
				B Origin/Delivery Carrier (Any Mode)		
M	O	TD502	66	Identification Code Qualifier	ID	1/2
				2 Standard Carrier Alpha Code (SCAC)		
M	O	TD503	67	Identification Code	AN	2/80
				Carrier Code		
M	O	TD505	387	Routing	AN	1/35
				SCAC (Class Code)		

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 CN / BM CN Carrier's Reference Number (PRO/Invoice) BM Bill of Lading Number	ID	2/3
M	O	REF02	127	Reference Identification Based on the qualifier sent in the REF-01	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
 *Note that ship date is required, but Scheduled Delivery Date is Optional

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: Optional
Max Use: 1
Notes: Example: N1*SF*Company Name

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 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 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

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
)
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		



MAN Marks and Numbers

Position: 190
Loop: HL (Package Loop
)
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 CP Carrier-Assigned Package ID Number	ID	1/2
M	M	MAN02	87	Marks and Numbers Tracking Number / Container Code based on qualifier	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	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 Vendor SKU VN Vendor's (Seller's) Item Number	ID	2/2
M	M	LIN03	234	Product/Service ID Vendor SKU	AN	1/48
M	O	LIN04	235	Product/Service ID Qualifier ITA Group SKU IN Buyer's Item Number	ID	2/2
M	O	LIN05	234	Product/Service ID ITA Group SKU	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

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. 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