



Harry and David

856 Ship Notice/Manifest

Version 4010

856 Shipment
Version X12 4010

Production ISA / GS ID: ZZ*131454LB
Test ISA / GS ID: ZZ*131454LBT

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
O	O	10	040	DTM	Date/Time Reference

Detail

USER REQ	REQ DES.	MAX USE	POS NO.	SEGMENT ID	SEGMENT NAME
LOOP HL (Shipment Level) 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)
M	O	10	200	DTM	Date/Time Reference
LOOP N1 Max: 200 Required					
M	M	1	220	N1	Name
M	O	2	240	N3	Address Information
M	O	1	250	N4	Geographic Location
LOOP HL (Order Level) Max: 200000 Required					
M	M	1	010	HL	Hierarchical Level
M	O	1	050	PRF	Purchase Order Reference
LOOP HL (Package Level) Max: 200000 Required					
M	M	1	010	HL	Hierarchical Level
M	O	>1	190	MAN	Marks and Numbers
LOOP HL (Item Level) 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)
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Summary

USER REQ	REQ DES.	MAX USE	POS NO.	SEGMENT ID	SEGMENT NAME
M	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
M	M	ST02	329	Transaction Set Control Number	AN	4/9

BSN Beginning Segment for Ship Notice**Position:** 020**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	BSN01	353	Transaction Set Purpose Code 00 Original	ID	2/2
M	M	BSN02	396	Shipment Identification	AN	2/30
M	M	BSN03	373	Date YYYYMMDD	DT	8/8
M	M	BSN04	337	Time HHMM	TM	4/8
O	O	BSN05	1005	Hierarchical Structure Code 0001	ID	4/4

DTM Date/Time Reference

Position: 040
Loop:
Level: Header
User Req: Optional
Max Use: 10

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

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

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

TD1**TD1 Carrier Details (Quantity and Weight)****Position:** 110**Loop:** HL (Shipment Level)**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	TD102	80	Lading Quantity	N0	1/7
O	O	TD106	187	Weight Qualifier	ID	1/2
O	O	TD107	81	Weight	R	1/10
O	O	TD108	355	Unit or Basis for Measurement Code	ID	2/2

TD5 Carrier Details (Routing Sequence/Transit Time)**Position:** 120**Loop:** HL (Shipment Level)**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	ID	1/2
				2 Standard Carrier Alpha Code (SCAC)		
M	O	TD505	387	Routing	AN	1/35
				SCAC		

DTM Date/Time Reference

Position: 200
Loop: HL (Shipment Level)
Level: Detail
User Req: Required
Max Use: 10

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		
M	O	DTM02	373	Date	DT	8/8
				YYYYMMDD		

N1**N1 Name****Position:** 220**Loop:** N1 (Shipment Level)**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
				Both ST and SF are Required		
				ST Ship To		
				SF Ship From		
M	O	N102	93	Name	AN	1/60

N3**N3 Address Information****Position:** 240**Loop:** N1 (Shipment Level)**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	N301	166	Address Information	AN	1/55

N4**N4 Geographic Location****Position:** 250**Loop:** N1 (Shipment Level)**Level:** Detail**User Req:** Required**Max Use:** 1

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

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

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

PRF

PRF Purchase Order Reference

Position: 050
Loop: HL (Order Level)
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	PRF01	324	Purchase Order Number PO Number from Order	AN	1/22

HL**HL Hierarchical Level****Position:** 010**Loop:** HL (Package Level)**Level:** Detail**User Req:** Required**Max Use:** 1**Notes:** Package Level

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

MAN Marks and Numbers**Position:** 190**Loop:** HL (Package Level)**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	MAN01	88	Marks and Numbers Qualifier	ID	1/2
				CP Carrier-Assigned Package ID Number		
M	M	MAN02	87	Marks and Numbers	AN	1/48
				Tracking Number		

HL**HL Hierarchical Level****Position:** 010**Loop:** HL (Item Level)**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	HL01	628	Hierarchical ID Number Assigned to Hierarchical Level	AN	1/12
O	O	HL02	734	Hierarchical Parent ID Number Assigned to HL Group	AN	1/12
M	M	HL03	735	Hierarchical Level Code I	ID	1/2

LIN

LIN Item Identification

Position: 020
Loop: HL (Item Level)
Level: Detail
User Req: Required
Max Use: 1

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
O	O	LIN01	350	Assigned Identification Line Number	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 SKU Being Shipped	AN	1/48

SN1**SN1 Item Detail (Shipment)****Position:** 030**Loop:** HL (Item Level)**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	SN102	382	Number of Units Shipped	R	1/10
M	M	SN103	355	Unit or Basis for Measurement Code	ID	2/2
O	O	SN105	330	Quantity Ordered	R	1/15
O	O	SN106	355	Unit or Basis for Measurement Code	ID	2/2
O	O	SN108	668	Line Item Status Code	ID	2/2
				AC Item Accepted and Shipped		

CTT**CTT Transaction Totals****Position:** 010**Loop:****Level:** Summary**User Req:** Required**Max Use:** 1

User Req	Req	Ref.	Data	Element Name	Data Type	Min/Max
Des.	Des.	Des.	Element			Len.
O						

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

User Req	Req	Ref.	Data	Element Name	Data Type	Min/Max
	Des.	Des.	Element			Len.
