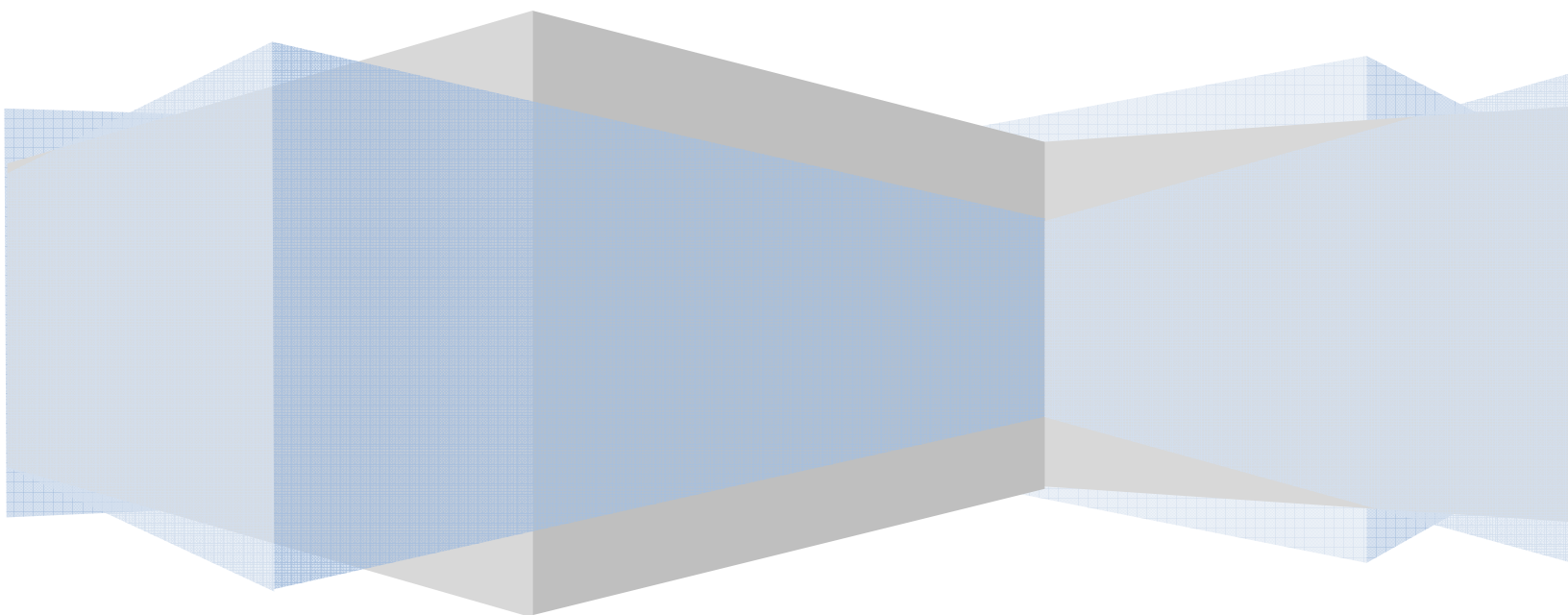




EDI 856 | Advance Ship Notice (ASN)

X12 version 5010



856 Ship Notice/Manifest

TABLE 1

USER REQ	REQ. DES.	MAX USE	POS NO.	SEGMENT ID	SEGMENT NAME
	M	1	100	ST	Transaction Set Header
Must Use	M	1	200	BSN	Beginning Segment for Ship Notice

TABLE 2

USER REQ	REQ. DES.	MAX USE	POS NO.	SEGMENT ID	SEGMENT NAME
				LOOP ID - HL_SHIP MAX: 200000	
	M	1	100	HL	Hierarchical Level
Must Use	O	20	1100	TD1	Carrier Details (Quantity and Weight)
Must Use	O	12	1200	TD5	Carrier Details (Routing Sequence/Transit Time)
Must Use	O	>1	1500	REF	Reference Identification
				LOOP ID - DTM_SHIPPED MAX: >1	
Must Use	O	1	1800	DTM	Date/Time Reference
				LOOP ID - DTM_DELIVER MAX: >1	
Must Use	O	1	1800	DTM	Date/Time Reference
				LOOP ID - N1_SHIP_FROM MAX: 200	
Must Use	O	1	2200	N1	Name
	O	2	2300	N2	Additional Name Information
	O	2	2400	N3	Address Information
	O	1	2500	N4	Geographic Location
				LOOP ID - N1_SHIP_TO MAX: 200	
Recomm.	O	1	2200	N1	Name
	O	2	2300	N2	Additional Name Information
	O	2	2400	N3	Address Information
	O	1	2500	N4	Geographic Location
				LOOP ID - HL_ORDER MAX: 200000	
	M	1	100	HL	Hierarchical Level
Must Use	O	1	500	PRF	Purchase Order Reference
Must Use	O	>1	1500	REF	Reference Identification
Must Use	O	>1	1500	REF	Reference Identification
				LOOP ID - HL_PACK MAX: 200000	
	M	1	100	HL	Hierarchical Level
	O	>1	1900	MAN	Marks and Numbers

USER REQ	REQ. DES.	MAX USE	POS NO.	SEGMENT ID	SEGMENT NAME
Must Use	M	1	100	HL	Hierarchical Level
	O	1	200	LIN	Item Identification
	O	>1	300	SN1	Item Detail (Shipment)

TABLE 3

USER REQ	REQ. DES.	MAX USE	POS NO.	SEGMENT ID	SEGMENT NAME
	O	1	100	CTT	Transaction Totals
	M	1	200	SE	Transaction Set Trailer

ST ° Transaction Set Header

ST

User Req: USED
Table/Area: 1
Loop: N/A
Loop Section: N/A
Position: 0100
Max Use: 1

Data Element Summary

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
	M	ST01	143	Transaction Set Identifier Code	ID	3	3
				856 Ship Notice/Manifest			
	M	ST02	329	Transaction Set Control Number	AN	4	9
Not Used	O	ST03	1705	Implementation Convention Reference	AN	1	35

BSN**BSN ° Beginning Segment for Ship Notice**

User Req: MUST USE
Table/Area: 1
Loop: N/A
Loop Section: N/A
Position: 0200
Max Use: 1

Data Element Summary

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
	M	BSN01	353	Transaction Set Purpose Code	ID	2	2
				00 Original			
	M	BSN02	396	Shipment Identification	AN	2	30
	M	BSN03	373	Date	DT	8	8
	M	BSN04	337	Time	TM	4	8
	O	BSN05	1005	Hierarchical Structure Code	ID	4	4
				0001 Shipment, Order, Packaging, Item			
Not Used	C	BSN06	640	Transaction Type Code	ID	2	2
Not Used	O	BSN07	641	Status Reason Code	ID	3	3

Syntax Notes: If 07 is present, then 06 is required.

HL ° Hierarchical Level

HL

User Req: USED
Table/Area: 2
Loop: HL_SHIP
Loop Section: HL
Position: 0100
Max Use: 1

Data Element Summary

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
	M	HL01	628	Hierarchical ID Number	AN	1	12
Not Used	O	HL02	734	Hierarchical Parent ID Number	AN	1	12
	M	HL03	735	Hierarchical Level Code	ID	1	2
				S Shipment			
Not Used	O	HL04	736	Hierarchical Child Code	ID	1	1

TD1**TD1 ° Carrier Details (Quantity and Weight)**

User Req: MUST USE
Table/Area: 2
Loop: HL_SHIP
Loop Section: HL
Position: 1100
Max Use: 20

Data Element Summary

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
Must Use	O	TD101	103	Packaging Code	AN	3	5
				CTN			
Must Use	C	TD102	80	Lading Quantity	N0	1	7
Not Used	O	TD103	23	Commodity Code Qualifier	ID	1	1
Not Used	C	TD104	22	Commodity Code	AN	1	30
Not Used	O	TD105	79	Lading Description	AN	1	50
Must Use	O	TD106	187	Weight Qualifier	ID	1	2
				G			
Must Use	C	TD107	81	Weight	R	1	10
Must Use	C	TD108	355	Unit or Basis for Measurement Code	ID	2	2
				LB			
				KG			
Not Used	C	TD109	183	Volume	R	1	8
Not Used	C	TD110	355	Unit or Basis for Measurement Code	ID	2	2

Syntax Notes: If 01 is present, then 02 is required.
 If 03 is present, then 04 is required.
 If 06 is present, then 07 is required.
 If any of 07 or 08 are present, then all are required.
 If any of 09 or 10 are present, then all are required.

TD5**TD5 ° Carrier Details (Routing Sequence/Transit Time)**

User Req: MUST USE
Table/Area: 2
Loop: HL_SHIP
Loop Section: HL
Position: 1200
Max Use: 12

Data Element Summary

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
Not Used	O	TD501	133	Routing Sequence Code	ID	1	2
	C	TD502	66	Identification Code Qualifier	ID	1	2
				2 Standard Carrier Alpha Code (SCAC)			
Must Use	C	TD503	67	Identification Code Carrier SCAC	AN	2	80
Not Used	C	TD504	91	Transportation Method/Type Code	ID	1	2
Must Use	C	TD505	387	Routing Carrier Name	AN	1	35
Not Used	C	TD506	368	Shipment/Order Status Code	ID	2	2
Not Used	O	TD507	309	Location Qualifier	ID	1	2
Not Used	C	TD508	310	Location Identifier	AN	1	30
Not Used	O	TD509	731	Transit Direction Code	ID	2	2
Not Used	O	TD510	732	Transit Time Direction Qualifier	ID	2	2
Not Used	C	TD511	733	Transit Time	R	1	4
	C	TD512	284	Service Level Code	ID	2	2
Not Used	C	TD513	284	Service Level Code	ID	2	2
Not Used	O	TD514	284	Service Level Code	ID	2	2
Not Used	O	TD515	26	Country Code	ID	2	3

Syntax Notes: At least one of 02, 04, 05, 06 and 12 is required.

If 02 is present, then 03 is required.

If 07 is present, then 08 is required.

If 10 is present, then 11 is required.

If 13 is present, then 12 is required.

If 14 is present, then 13 is required.

If 15 is present, then 12 is required.

REF**REF ° Reference Identification**

User Req: MUST USE
Table/Area: 2
Loop: HL_SHIP
Loop Section: HL
Position: 1500
Max Use: >1

Data Element Summary

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
Must Use	M	REF01	128	Reference Identification Qualifier	ID	2	3
				CN	Carrier's Reference Number (PRO/Invoice)		
Must Use	C	REF02	127	Reference Identification	AN	1	50
				Small package tracking number.			
Not Used	C	REF03	352	Description	AN	1	80
Not Used	O	REF04	C040	Reference Identifier			

Syntax Notes: At least one of 02 and 03 is required.

DTM**DTM ° Date/Time Reference**

User Req: MUST USE
Table/Area: 2
Loop: DTM_SHIPPED
Loop Section: HL;DTM
Position: 1800
Max Use: 1

Data Element Summary

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
Must Use	M	DTM01	374	Date/Time Qualifier	ID	3	3
				011 Shipped			
Must Use	C	DTM02	373	Date	DT	8	8
	C	DTM03	337	Time	TM	4	8
	O	DTM04	623	Time Code	ID	2	2
	C	DTM05	1250	Date Time Period Format Qualifier	ID	2	3
	C	DTM06	1251	Date Time Period	AN	1	35

Syntax Notes: At least one of 02, 03 and 05 is required.
 If 04 is present, then 03 is required.
 If any of 05 or 06 are present, then all are required.

DTM**DTM ° Date/Time Reference**

User Req: MUST USE
Table/Area: 2
Loop: DTM_DELIVERY
Loop Section: HL;DTM
Position: 1800
Max Use: 1

Data Element Summary

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
Must Use	M	DTM01	374	Date/Time Qualifier	ID	3	3
				067 Current Schedule Delivery			
Must Use	C	DTM02	373	Date	DT	8	8
	C	DTM03	337	Time	TM	4	8
	O	DTM04	623	Time Code	ID	2	2
	C	DTM05	1250	Date Time Period Format Qualifier	ID	2	3
	C	DTM06	1251	Date Time Period	AN	1	35

Syntax Notes: At least one of 02, 03 and 05 is required.
 If 04 is present, then 03 is required.
 If any of 05 or 06 are present, then all are required.

N1**N1 ° Name**

User Req: MUST USE
Table/Area: 2
Loop: N1_SHIP_FROM
Loop Section: HL;N1
Position: 2200
Max Use: 1

Data Element Summary

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
Must Use	M	N101	98	Entity Identifier Code	ID	2	3
				SF Ship From			
	C	N102	93	Name	AN	1	60
Must Use	C	N103	66	Identification Code Qualifier	ID	1	2
				91 Spring PortalApp Location ID.			
				92 Spring PortalApp Location CODE.			
Must Use	C	N104	67	Identification Code	AN	2	80
Not Used	O	N105	706	Entity Relationship Code	ID	2	2
Not Used	O	N106	98	Entity Identifier Code	ID	2	3

Syntax Notes: At least one of 02 and 03 is required.
 If any of 03 or 04 are present, then all are required.

92 - Spring PortalApp Location CODE is editable on PortalApp location setup page. You may set this up to match your internal location codes.

N2 ° Additional Name Information

N2

User Req: USED
Table/Area: 2
Loop: N1_SHIP_FROM
Loop Section: HL;N1
Position: 2300
Max Use: 2

Data Element Summary

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

N3 ° Address Information

N3

User Req: USED
Table/Area: 2
Loop: N1_SHIP_FROM
Loop Section: HL;N1
Position: 2400
Max Use: 2

Data Element Summary

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

N4**N4 ° Geographic Location**

User Req: USED
Table/Area: 2
Loop: N1_SHIP_FROM
Loop Section: HL;N1
Position: 2500
Max Use: 1

Data Element Summary

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
	O	N401	19	City Name	AN	2	30
	C	N402	156	State or Province Code	ID	2	2
	O	N403	116	Postal Code	ID	3	15
	C	N404	26	Country Code	ID	2	3
Not Used	C	N405	309	Location Qualifier	ID	1	2
Not Used	O	N406	310	Location Identifier	AN	1	30
Not Used	C	N407	1715	Country Subdivision Code	ID	1	3

Syntax Notes: Only one of 02 or 07 may be present.
 If 06 is present, then 05 is required.
 If 07 is present, then 04 is required.

N1**N1 ° Name**

User Req: RECOMMENDED
Table/Area: 2
Loop: N1_SHIP_TO
Loop Section: HL;N1
Position: 2200
Max Use: 1

Data Element Summary

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
Must Use	M	N101	98	Entity Identifier Code	ID	2	3
				ST Ship To			
	C	N102	93	Name	AN	1	60
Must Use	C	N103	66	Identification Code Qualifier	ID	1	2
				91 Spring PortalApp Location ID.			
Must Use	C	N104	67	Identification Code	AN	2	80
				TP Loc ID as provided in the PO.			
Not Used	O	N105	706	Entity Relationship Code	ID	2	2
Not Used	O	N106	98	Entity Identifier Code	ID	2	3

Syntax Notes: At least one of 02 and 03 is required.
 If any of 03 or 04 are present, then all are required.

N2 ° Additional Name Information

N2

User Req: USED
Table/Area: 2
Loop: N1_SHIP_TO
Loop Section: HL;N1
Position: 2300
Max Use: 2

Data Element Summary

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

N3 ° Address Information

N3

User Req: USED
Table/Area: 2
Loop: N1_SHIP_TO
Loop Section: HL;N1
Position: 2400
Max Use: 2

Data Element Summary

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

N4**N4 ° Geographic Location**

User Req: USED
Table/Area: 2
Loop: N1_SHIP_TO
Loop Section: HL;N1
Position: 2500
Max Use: 1

Data Element Summary

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
	O	N401	19	City Name	AN	2	30
	C	N402	156	State or Province Code	ID	2	2
	O	N403	116	Postal Code	ID	3	15
	C	N404	26	Country Code	ID	2	3
Not Used	C	N405	309	Location Qualifier	ID	1	2
Not Used	O	N406	310	Location Identifier	AN	1	30
Not Used	C	N407	1715	Country Subdivision Code	ID	1	3

Syntax Notes: Only one of 02 or 07 may be present.
 If 06 is present, then 05 is required.
 If 07 is present, then 04 is required.

HL ° Hierarchical Level

HL

User Req: USED
Table/Area: 2
Loop: HL_ORDER
Loop Section: HL
Position: 0100
Max Use: 1

Data Element Summary

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
	M	HL01	628	Hierarchical ID Number	AN	1	12
Must Use	O	HL02	734	Hierarchical Parent ID Number	AN	1	12
	M	HL03	735	Hierarchical Level Code	ID	1	2
				OOrder			
Not Used	O	HL04	736	Hierarchical Child Code	ID	1	1

PRF**PRF ° Purchase Order Reference**

User Req: MUST USE
Table/Area: 2
Loop: HL_ORDER
Loop Section: HL
Position: 0500
Max Use: 1

Data Element Summary

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
Must Use	M	PRF01	324	Purchase Order Number	AN	1	22
Not Used	O	PRF02	328	Release Number	AN	1	30
Not Used	O	PRF03	327	Change Order Sequence Number	AN	1	8
Not Used	O	PRF04	373	Date	DT	8	8
Not Used	O	PRF05	350	Assigned Identification	AN	1	20
Not Used	O	PRF06	367	Contract Number	AN	1	30
Not Used	O	PRF07	92	Purchase Order Type Code	ID	2	2

REF**REF ° Reference Identification**

User Req: MUST USE
Table/Area: 2
Loop: HL_ORDER
Loop Section: HL
Position: 1500
Max Use: >1

Data Element Summary

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
Must Use	M	REF01	128	Reference Identification Qualifier	ID	2	3
				IA Internal Vendor Number			
Must Use	C	REF02	127	Reference Identification	AN	1	50
				Vendor's TP ID as provided on initial PO.			
Not Used	C	REF03	352	Description	AN	1	80
Not Used	O	REF04	C040	Reference Identifier			

Syntax Notes: At least one of 02 and 03 is required.

REF**REF ° Reference Identification**

User Req: MUST USE
Table/Area: 2
Loop: HL_ORDER
Loop Section: HL
Position: 1500
Max Use: >1

Data Element Summary

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
Must Use	M	REF01	128	Reference Identification Qualifier	ID	2	3
				CO Customer Order Number			
Must Use	C	REF02	127	Reference Identification	AN	1	50
				PO ID as provided on initial PO.			
Not Used	C	REF03	352	Description	AN	1	80
Not Used	O	REF04	C040	Reference Identifier			

Syntax Notes: At least one of 02 and 03 is required.

HL ° Hierarchical Level

HL

User Req: USED
Table/Area: 2
Loop: HL_PACK
Loop Section: HL
Position: 0100
Max Use: 1

Data Element Summary

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
	M	HL01	628	Hierarchical ID Number	AN	1	12
Must Use	O	HL02	734	Hierarchical Parent ID Number	AN	1	12
	M	HL03	735	Hierarchical Level Code	ID	1	2
				P	Pack		
Not Used	O	HL04	736	Hierarchical Child Code	ID	1	1

MAN**MAN ° Marks and Numbers**

User Req: USED
Table/Area: 2
Loop: HL_PACK
Loop Section: HL
Position: 1900
Max Use: >1

Data Element Summary

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
	M	MAN01	88	Marks and Numbers Qualifier	ID	1	2
	M	MAN02	87	Marks and Numbers	AN	1	48
Not Used	O	MAN03	87	Marks and Numbers	AN	1	48
Not Used	C	MAN04	88	Marks and Numbers Qualifier	ID	1	2
Not Used	C	MAN05	87	Marks and Numbers	AN	1	48
Not Used	O	MAN06	87	Marks and Numbers	AN	1	48

Syntax Notes: If any of 04 or 05 are present, then all are required.
 If 06 is present, then 05 is required.

HL ° Hierarchical Level

HL

User Req: USED
Table/Area: 2
Loop: HL_ITEM
Loop Section: HL
Position: 0100
Max Use: 1

Data Element Summary

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
	M	HL01	628	Hierarchical ID Number	AN	1	12
Must Use	O	HL02	734	Hierarchical Parent ID Number	AN	1	12
	M	HL03	735	Hierarchical Level Code	ID	1	2
				IItem			
Not Used	O	HL04	736	Hierarchical Child Code	ID	1	1

LIN**LIN ° Item Identification**

User Req: MUST USE
Table/Area: 2
Loop: HL_ITEM
Loop Section: HL
Position: 0200
Max Use: 1

Data Element Summary

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.							
	O	LIN01	350	Assigned Identification		AN	1	20						
Recomm.	M	LIN02	235	Product/Service ID Qualifier		ID	2	2						
				<table><tr><td>UP</td><td>U.P.C.</td></tr><tr><td>UK</td><td>GTIN</td></tr><tr><td>EN</td><td>European Article Number (EAN)</td></tr></table>		UP	U.P.C.	UK	GTIN	EN	European Article Number (EAN)			
UP	U.P.C.													
UK	GTIN													
EN	European Article Number (EAN)													
Recomm.	M	LIN03	234	Product/Service ID		AN	1	48						
				UP - 12 digit UPC code EN - 13 digit EAN UK - 14 digit GTIN										
	C	LIN04	235	Product/Service ID Qualifier		ID	2	2						
				<table><tr><td>VN</td><td>Vendor's (Seller's) Item Number</td></tr></table>		VN	Vendor's (Seller's) Item Number							
VN	Vendor's (Seller's) Item Number													
	C	LIN05	234	Product/Service ID		AN	1	48						
				Vendor SKU as defined in the Spring Systems PortalApp catalog.										
	C	LIN06	235	Product/Service ID Qualifier		ID	2	2						
				<table><tr><td>IN</td><td>Shopify Item number.</td></tr></table>		IN	Shopify Item number.							
IN	Shopify Item number.													
	C	LIN07	234	Product/Service ID		AN	1	48						
				Shopify Item number.										
	C	LIN08	235	Product/Service ID Qualifier		ID	2	2						
				<table><tr><td>IT</td><td>Spring PortalApp Item ID.</td></tr></table>		IT	Spring PortalApp Item ID.							
IT	Spring PortalApp Item ID.													
	C	LIN09	234	Product/Service ID		AN	1	48						
				PortalApp Item ID.										
	C	LIN10	235	Product/Service ID Qualifier		ID	2	2						
				<table><tr><td>ID</td><td>PO Item ID.</td></tr></table>		ID	PO Item ID.							
ID	PO Item ID.													
	C	LIN11	234	Product/Service ID		AN	1	48						
				PO Item ID as provided in PO.										
Not Used	C	LIN12	235	Product/Service ID Qualifier		ID	2	2						
Not Used	C	LIN13	234	Product/Service ID		AN	1	48						
Not Used	C	LIN14	235	Product/Service ID Qualifier		ID	2	2						
Not Used	C	LIN15	234	Product/Service ID		AN	1	48						

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
Not Used	C	LIN16	235	Product/Service ID Qualifier	ID	2	2
Not Used	C	LIN17	234	Product/Service ID	AN	1	48
Not Used	C	LIN18	235	Product/Service ID Qualifier	ID	2	2
Not Used	C	LIN19	234	Product/Service ID	AN	1	48
Not Used	C	LIN20	235	Product/Service ID Qualifier	ID	2	2
Not Used	C	LIN21	234	Product/Service ID	AN	1	48
Not Used	C	LIN22	235	Product/Service ID Qualifier	ID	2	2
Not Used	C	LIN23	234	Product/Service ID	AN	1	48
Not Used	C	LIN24	235	Product/Service ID Qualifier	ID	2	2
Not Used	C	LIN25	234	Product/Service ID	AN	1	48
Not Used	C	LIN26	235	Product/Service ID Qualifier	ID	2	2
Not Used	C	LIN27	234	Product/Service ID	AN	1	48
Not Used	C	LIN28	235	Product/Service ID Qualifier	ID	2	2
Not Used	C	LIN29	234	Product/Service ID	AN	1	48
Not Used	C	LIN30	235	Product/Service ID Qualifier	ID	2	2
Not Used	C	LIN31	234	Product/Service ID	AN	1	48

Syntax Notes: If any of 04 or 05 are present, then all are required.
If any of 06 or 07 are present, then all are required.
If any of 08 or 09 are present, then all are required.
If any of 10 or 11 are present, then all are required.
If any of 12 or 13 are present, then all are required.
If any of 14 or 15 are present, then all are required.
If any of 16 or 17 are present, then all are required.
If any of 18 or 19 are present, then all are required.
If any of 20 or 21 are present, then all are required.
If any of 22 or 23 are present, then all are required.
If any of 24 or 25 are present, then all are required.
If any of 26 or 27 are present, then all are required.
If any of 28 or 29 are present, then all are required.
If any of 30 or 31 are present, then all are required.

Items must be identified by at least one of the element pairs in this segment.
PO LINE ITEM ID (IT) is absolutely unique, but specific to each PO.
PortalApp Item ID is also unique per item.
UPC (UP, EA, UK) and/or VN is also a unique identifier for a purchase order line.
Shopify ID (IN) can be provided but is optional.

*Recommened approach is to use UPC only to identify each shipped item (LIN03,04 only).

SN1**SN1 ° Item Detail (Shipment)**

User Req: MUST USE
Table/Area: 2
Loop: HL_ITEM
Loop Section: HL
Position: 0300
Max Use: >1

Data Element Summary

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
	O	SN101	350	Assigned Identification	AN	1	20
Must Use	M	SN102	382	Number of Units Shipped	R	1	10
Must Use	M	SN103	355	Unit or Basis for Measurement Code	ID	2	2
				EA Each			
	O	SN104	646	Quantity Shipped to Date	R	1	15
	C	SN105	380	Quantity	R	1	15
	C	SN106	355	Unit or Basis for Measurement Code	ID	2	2
	O	SN107	728	Returnable Container Load Make-Up Code	ID	1	2
	O	SN108	668	Line Item Status Code	ID	2	2

Syntax Notes: If any of 05 or 06 are present, then all are required.

CTT**CTT ° Transaction Totals**

User Req: USED
Table/Area: 3
Loop: N/A
Loop Section: N/A
Position: 0100
Max Use: 1

Data Element Summary

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
	M	CTT01	354	Number of Line Items	N0	1	6
Not Used	O	CTT02	347	Hash Total	R	1	10
Not Used	C	CTT03	81	Weight	R	1	10
Not Used	C	CTT04	355	Unit or Basis for Measurement Code	ID	2	2
Not Used	C	CTT05	183	Volume	R	1	8
Not Used	C	CTT06	355	Unit or Basis for Measurement Code	ID	2	2
Not Used	O	CTT07	352	Description	AN	1	80

Syntax Notes: If any of 03 or 04 are present, then all are required.
 If any of 05 or 06 are present, then all are required.

SE ° Transaction Set Trailer

SE

User Req: USED
Table/Area: 3
Loop: N/A
Loop Section: N/A
Position: 0200
Max Use: 1

Data Element Summary

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