



AmeriCold

L O G I S T I C S

856 ADVANCE SHIP NOTICE

Functional Group ID = SH
Version/Release = 004010UCS

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Warehouse Shipping Advice Transaction Set (856) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to list the contents of a shipment of goods as well as additional information relating to the shipment, such as order information, product description, physical characteristics, type of packaging, marking, carrier information, and configuration of goods within the transportation equipment. The transaction set enables the sender to describe the contents and configuration of a shipment in various levels of detail and provides an ordered flexibility to convey information.

The sender of this transaction is the organization responsible for detailing and communicating the contents of a shipment, of shipments, to one or more receivers of the transaction set. The receiver of this transaction set can be any organization having an interest in the contents of a shipment or information about the contents of a shipment.

HEADER:

	Seg. ID	Name	Req. Des.	Max. Use	Loop Repeat	Notes and Comments
Must Use	ST	Transaction Set Header	M	1		
Must Use	BSN	Beginning Segment for Ship Notice	M	1		

DETAIL - SHIPMENT:

	Seg. ID	Name	Req. Des.	Max. Use	Loop Repeat	Notes and Comments
		Loop ID - HL			200000	
Must Use	HL	Hierarchical Level	M	1		
	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
	TD3	Carrier Details (Equipment)	O	12		
	REF	Reference Identification	O	>1		
	DTM	Date/Time Reference	O	10		
		Loop ID - HL/N1			100	
	N1	Name	O	1		

DETAIL - ORDER:

	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max. Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
		Loop ID - HL			200000	
Must Use	HL	Hierarchical Level	M	1		
	PRF	Purchase Order Reference	O	1		

DETAIL - TARE:

	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max. Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
		Loop ID - HL			200000	
Must Use	HL	Hierarchical Level	M	1		
	MAN	Marks and Numbers	O	>1		

DETAIL - ITEM:

	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max. Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
		Loop ID - HL			200000	
Must Use	HL	Hierarchical Level	M	1		
	LIN	Item Identification	O	1		
	SN1	Item Detail - Shipment	O	1		

SUMMARY:

	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max. Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
	CTT	Transaction Totals	O	1		
Must Use	SE	Transaction Set Trailer	M	1		

Segment: ST Transaction Set Header
Position: 010
Loop:
Level: Header
Usage: Mandatory
Max Use: 1

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
>>>	ST01	143	Transaction Set Identifier Code	M-ID-03/03
>>>	ST02	329	Transaction Set Control Number Same number as used in the SE02	M-AN-04/09

Segment: BSN Beginning Segment for Ship Notice
Position: 020
Loop:
Level: Header
Usage: Mandatory
Max Use: 1

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
>>>	BSN01	353	Transaction Set Purpose Code 00 = Original 01 = Cancellation 04 = Change 05 = Replace	M-ID-02/02
>>>	BSN02	396	Shipment ID Shipment ID number	M-AN-02/30
>>>	BSN03	373	Date Transaction date Formatted as "CCYYMMDD"	M-DT-08/08
>>>	BSN04	374	Time Transaction time	M-TM-04/08

Segment: HL Hierarchical Level - Shipment
Position: 010
Loop: HL
Level: Detail - Shipment
Usage: Mandatory
Max Use: 1

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
>>>	HL01	628	Hierarchical ID Number Value increments with occurrence	M-AN-01/12
	HL03	735	Hierarchical Level Code S = Shipment level	M-ID-01/02

Segment: TD5 Carrier Detail – Routing Sequence/Transit Time
Position: 040
Loop: HL
Level: Detail - Shipment
Usage: Optional
Max Use: 12

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
TD502	66	ID Code Qualifier 2 = Carrier SCAC (If used, elements TD504, TD505, & TD506 must also be used)	C-ID-01/02
TD503	67	ID Code Carrier SCAC (If used, elements TD502 must also be used)	C-AN-02/80
TD504	91	Transportation Method Code M = Motor Carrier R = Rail (If used, elements TD502, TD505, & TD506 must also be used)	C-ID-01/02
TD505	732	Routing Carrier name (If used, elements TD502, TD504, & TD506 must also be used)	C-AN-01/35
TD506	368	Ship/Order Status Code CC = Shipped complete CE = Shipment includes extra items to meet price break EC = Equipment cut	C-ID-02/02

Segment: TD3 Carrier Details - Equipment
Position: 050
Loop: HL
Level: Detail - Shipment
Usage: Optional
Max Use: 12

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
>>>	TD301	40	Equipment Description Code RR = Rail Car TL = Trailer	M-ID-02/02
	TD302	206	Equipment Initial Trailer initial (If used, element TD303 must also be used)	C-AN-01/04
	TD303	207	Equipment Number Rail car or trailer number (If used, element TD302 must also be used)	C-AN-01/10

Segment: REF Reference Identification
Position: 060
Loop: HL
Level: Detail - Shipment
Usage: Optional
Max Use: >1

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
>>>	REF01	128	Reference Identification Qualifier BM = Bill of lading number	M-ID-02/03
>>>	REF02	127	Reference Identification Number Bill of lading	M-AN-01/30

Segment: DTM Date/Time Reference
Position: 090
Loop: HL
Level: Detail - Shipment
Usage: Optional
Max Use: 10

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
>>>	DTM01	374	Date/Time Qualifier 011 = Shipped	M-ID-03/03
>>>	DTM02	373	Date Ship date Formatted as "CCYYMMDD"	M-DT-08/08

Segment: N1 Name – Ship From
Position: 100
Loop: HL/N1
Level: Detail - Shipment
Usage: Optional
Max Use: 1

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
>>>	N101	98	Entity Identifier Code SF = Ship from	M-ID-02/03
	N102	93	Name Ship from name (If used, element N103 must also be used)	C-AN-01/60
	N103	66	ID Code Qualifier 9 or 09 = Duns number + 4-digit suffix (If used, element N104 must also be used)	C-ID-01/02
	N104	67	ID Code Ship from duns number + 4-digit suffix (If used, element N103 must also be used)	C-AN-02/80

Segment: N1 Name – Ship To
Position: 100
Loop: HL
Level: Detail - Shipment
Usage: Optional
Max Use: 1

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
>>>	N101	98	Entity Identifier Code ST = Ship to	M-ID-02/03
	N102	93	Name Ship to name (If used, element N103 must also be used)	C-AN-01/60
	N103	66	ID Code Qualifier 9 or 09 = Duns number + 4-digit suffix (If used, element N104 must also be used)	C-ID-01/02
	N104	67	ID Code AmeriCold Duns Number (058149378) + 4-digit suffix that specifies which warehouse is being used. (If used, element N103 must also be used)	C-AN-02/80

Segment: HL Hierarchical Level - Order
Position: 010
Loop: HL
Level: Detail - Order
Usage: Mandatory
Max Use: 1

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
>>>	HL01	628	Hierarchical ID Number Value increments with occurrence	M-AN-01/12
	HL02	734	Hierarchical Parent ID Parent level	O-AN-01/12
>>>	HL03	735	Hierarchical Level Code O = Order level	M-ID-01/02

Segment: **PRF** Purchase Order Reference
Position: 020
Loop: HL
Level: Detail - Order
Usage: Optional
Max Use: 1

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
>>>	PRF01	324	Purchase Order Number BM = Bill of lading	M-AN-01/22

Segment: HL Hierarchical Level - Tare
Position: 010
Loop: HL
Level: Detail - Tare
Usage: Mandatory
Max Use: 1

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
>>>	HL01	628	Hierarchical ID Number Value increments with occurrence	M-AN-01/12
	HL02	734	Hierarchical Parent ID Parent level	O-AN-01/12
>>>	HL03	735	Hierarchical Level Code T = Tare level	M-ID-01/02

Segment: MAN Marks and Numbers
Position: 020
Loop: HL
Level: Detail - Tare
Usage: Optional
Max Use: >1

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
>>>	MAN01	88	Marks and Numbers Qualifier GM = SSCC-18 and application identifier	M-ID-01/02
>>>	MAN02	87	Marks and Numbers Pallet serial number	M-AN-01/48

Segment: HL Hierarchical Level - Item
Position: 010
Loop: HL
Level: Detail - Item
Usage: Mandatory
Max Use: 1

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
>>>	HL01	628	Hierarchical ID Number Value increments with occurrence	M-AN-01/12
	HL02	734	Hierarchical Parent ID Parent level	O-AN-01/12
>>>	HL03	735	Hierarchical Level Code I = Item level	M-ID-01/02

Segment: LIN Item Identification
Position: 020
Loop: HL
Level: Detail - Item
Usage: Optional
Max Use: 1

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
>>>	LIN02	235	Product/Service ID Qualifier VN = Vendor's item number	M-ID-02/02
>>>	LIN03	234	Product/Service ID Vendor's item number	M-AN-01/48
	LIN04	235	Product/Service ID Qualifier UA = UPC/EAN case code (If used, element LIN05 must also be used)	C-ID-02/02
	LIN05	234	Product/Service ID UPC/EAN case code (If used, element LIN04 must also be used)	C-AN-01/48
	LIN06	235	Product/Service ID Qualifier PJ = Production date code (If used, element LIN07 must also be used)	C-ID-02/02
	LIN07	234	Product/Service ID Production date code (If used, element LIN06 must also be used)	C-AN-01/48

Segment: SN1 Item Detail
Position: 030
Loop: HL
Level: Detail - Item
Usage: Optional
Max Use: 1

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
>>>	SN102	382	Number of Units Shipped Quantity shipped for line	M-RO-01/10
>>>	SN103	355	Unit/Basis Measurement Code CA = Cases	M-ID-02/02

Segment: CTT Transaction Totals
Position: 010
Loop:
Level: Summary
Usage: Optional
Max Use: 1

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
>>>	CTT01	354	Number of Line Items Total	M-NO-01/06

Segment: SE Transaction Set Trailer
Position: 020
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
>>>	SE01	96	Number of Included Segments	M-NO-01/10
>>>	SE02	329	Transaction Set Control Number Same number as used in the ST02	M-AN-04/09