325 Consolidation of Goods In Container

Functional Group ID=SO

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data content of the Consolidation of Goods in Container Transaction Set (325) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set is used to provide information on the goods loaded into a container. It is sent by a consolidator to the deconsolidator or to the consignee.

Notes:

This document identifies the AAFES requirements when receiving the 325, Consolidation of Goods in Container. All elements/segments marked "R" are required by AAFES application systems. Those marked ">>" are mandatory by the standards. All unmarked elements may be received as necessary in their respective segments.

Heading:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
3	010	ST	Transaction Set Header	M	1		
4	020	B12	Beginning Segment for Consolidation of Goods In Container	M	1		
5	030	M7	Seal Numbers	O	5		
6	032	W09	Equipment and Temperature	O	1		
7	034	H3	Special Handling Instructions	O	6		
8	040	V1	Vessel Identification	M	1		
Not Used	050	V9	Event Detail	O	2		
9	060	L3	Total Weight and Charges	O	1		
Not Used	070	C3	Currency	O	1		
10	080	R4	Port or Terminal	M	4		
11	090	N9	Reference Identification	O	10		

Detail:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - MBL			999	
12	010	MBL	Bill of Lading	M	1		
Not Used	020	L3	Total Weight and Charges	O	1		
Not Used	030	C3	Currency	O	1		
Not Used	040	R4	Port or Terminal	O	4		
Not Used	050	N9	Reference Identification	O	10		
			LOOP ID - N1			6	
13	060	N1	Name	O	1		
Not Used	070	N2	Additional Name Information	O	1		
14	080	N3	Address Information	O	2		
15	090	N4	Geographic Location	O	1		
			LOOP ID - LIN			999	
16	100	LIN	Item Identification	M	1		
17	110	SN1	Item Detail (Shipment)	M	1		
18	120	PRF	Purchase Order Reference	O	1		
19	130	TD1	Carrier Details (Quantity and Weight)	M	1		

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						LOOP ID - H1		10	
Not Used	132	H1	Hazardous Material	O	1				
Not Used	134	H2	Additional Hazardous Material Description	O	10				
Not Used	140	G20	Item Packing Detail	O	1				
Not Used	142	MAN	Marks and Numbers	O	10				
Not Used	150	UIT	Unit Detail	O	1				
Not Used	160	N1	Name	O	1				
Not Used	170	L8	Line Item Subtotal	O	1				
Not Used	180	C3	Currency	O	1				
Not Used	190	R4	Port or Terminal	O	4				
Not Used	200	N9	Reference Identification	O	10				
20	210	SE	Transaction Set Trailer	M	1				

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Segment:	**ST** Transaction Set Header	
Position:	010	
Loop:		
Level:	Heading	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To indicate the start of a transaction set and to assign a control number	
Syntax Notes:		
Semantic Notes:	1	The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
>>	ST01	143	**Transaction Set Identifier Code**	**M ID 3/3**
			Code uniquely identifying a Transaction Set	
		325	**Consolidation of Goods in Container**	
>>	ST02	329	**Transaction Set Control Number**	**M AN 4/9**
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	

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Segment:	**B12** Beginning Segment for Consolidation of Goods In Container	
Position:	020	
Loop:		
Level:	Heading	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To specify the beginning of the Consolidation of Goods in Container Transaction Set	
Syntax Notes:		
Semantic Notes:		
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
>>	**B1201**	**206**	**Equipment Initial**	**M** **AN 1/4**
			Prefix or alphabetic part of an equipment unit's identifying number	
>>	**B1202**	**207**	**Equipment Number**	**M** **AN 1/10**
			Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)	
>>	**B1203**	**24**	**Equipment Type**	**M** **ID 4/4**
			Code identifying equipment type	

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Segment:	**M7** Seal Numbers
Position:	030
Loop:	
Level:	Heading
Usage:	Optional (Recommended)
Max Use:	5
Purpose:	To record seal numbers used and the organization that applied the seals
Syntax Notes:	
Semantic Notes:	
Comments:	1 M705 indicates the name of the organization which applied the seal(s).
Notes:	**AAFES will accept one M7 segment.**

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
>>	**M701**	**225**	**Seal Number**	**M**	**AN 2/15**
			Unique number on seal used to close a shipment		
	M702	**225**	**Seal Number**	**O**	**AN 2/15**
			Unique number on seal used to close a shipment		

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Segment:	**W09** Equipment and Temperature	
Position:	032	
Loop:		
Level:	Heading	
Usage:	Optional (Recommended)	
Max Use:	1	
Purpose:	To relate equipment type and required temperatures	
Syntax Notes:	1	If either W0902 or W0903 is present, then the other is required.
	2	If either W0904 or W0905 is present, then the other is required.
Semantic Notes:	1	W0902 is the minimum allowable temperature condition for shipment; (the qualifying temperature scale is specified in W0903).
	2	W0904 is the maximum allowable temperature condition for shipment; (the qualifying temperature scale is specified in W0905).
	3	W0906 is used to describe the environment required within an ocean-type, refrigerated container when other than normal air is required.
	4	W0908 is the humidity percentage.
	5	W0909 is the number of air exchanges per hour.
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
>>	**W0901**	**40**	**Equipment Description Code**	**M ID 2/2**

Code identifying type of equipment used for shipment

Refer to 004010 Data Element Dictionary for acceptable code values.

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Segment:	**H3** **Special Handling Instructions**
Position:	034
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	6
Purpose:	To specify special handling instructions in coded or free-form format
Syntax Notes:	1 Only one of H301 or H302 may be present.
Semantic Notes:	
Comments:	
Notes:	**AAFES will accept one H3 segment.**

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
H301	**152**	**Special Handling Code**	**X ID 2/3**
		Code specifying special transportation handling instructions	
		Refer to 004010 Data Element Dictionary for acceptable code values.	

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	Segment:	**V1** Vessel Identification
	Position:	040
	Loop:	
	Level:	Heading
	Usage:	Mandatory
	Max Use:	1
	Purpose:	To provide vessel details and voyage number
	Syntax Notes:	1 At least one of V101 or V102 is required.
		2 If V108 is present, then V101 is required.
	Semantic Notes:	1 V103 is the code identifying the country in which the ship (vessel) is registered.
		2 V105 identifies the ocean carrier.
	Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
R	V102	182	**Vessel Name**	X	**AN 2/28**
			Name of ship as documented in "Lloyd's Register of Ships"		
	V103	26	**Country Code**	O	**ID 2/3**
			Code identifying the country		
R	V104	55	**Flight/Voyage Number**	O	**AN 2/10**
			Identifying designator for the particular flight or voyage on which the cargo travels		
R	V105	140	**Standard Carrier Alpha Code**	O	**ID 2/4**
			Standard Carrier Alpha Code		
	V106	249	**Vessel Requirement Code**	O	**ID 1/1**
			Code specifying options for satisfying vessel requirements		
			Refer to 004010 Data Element Dictionary for acceptable code values.		

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Segment:	**L3** Total Weight and Charges
Position:	060
Loop:	
Level:	Heading
Usage:	Optional (Recommended)
Max Use:	1
Purpose:	To specify the total shipment in terms of weight, volume, rates, charges, advances, and prepaid amounts applicable to one or more line items
Syntax Notes:	1 If either L301 or L302 is present, then the other is required.
	2 If either L303 or L304 is present, then the other is required.
	3 If either L309 or L310 is present, then the other is required.
	4 If L312 is present, then L301 is required.
	5 If either L314 or L315 is present, then the other is required.
Semantic Notes:	1 L305 is the total charges.
Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
R	L301	81	**Weight**	**X R 1/10**
			Numeric value of weight	
R	L302	187	**Weight Qualifier**	**X ID 1/2**
			Code defining the type of weight	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
R	L311	80	**Lading Quantity**	**O N0 1/7**
			Number of units (pieces) of the lading commodity	

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Segment:	**R4** Port or Terminal
Position:	080
Loop:	
Level:	Heading
Usage:	Mandatory
Max Use:	4
Purpose:	Contractual or operational port or point relevant to the movement of the cargo
Syntax Notes:	1 If either R402 or R403 is present, then the other is required.
Semantic Notes:	
Comments:	1 R4 is required for each port to be identified.
Notes:	**AAFES will accept two R4 segments.**

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
>>	**R401**	**115**	**Port or Terminal Function Code**	**M ID 1/1**
			Code defining function performed at the port or terminal with respect to a shipment	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
R	**R404**	**114**	**Port Name**	**O AN 2/24**
			Free-form name for the place at which an offshore carrier originates or terminates (by transshipment or otherwise) its actual ocean carriage of property	
R	**R405**	**26**	**Country Code**	**O ID 2/3**
			Code identifying the country	

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Segment:	**N9** Reference Identification
Position:	090
Loop:	
Level:	Heading
Usage:	Optional (Recommended)
Max Use:	10
Purpose:	To transmit identifying information as specified by the Reference Identification Qualifier
Syntax Notes:	1 At least one of N902 or N903 is required.
	2 If N906 is present, then N905 is required.
	3 If either C04003 or C04004 is present, then the other is required.
	4 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 N906 reflects the time zone which the time reflects.
	2 N907 contains data relating to the value cited in N902.
Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
>>	N901	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification	
		SI	**Shipper's Identifying Number for Shipment (SID)**	
			A unique number (to the shipper) assigned by the shipper to identify the shipment	
R	N902	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	

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Segment:	**MBL** Bill of Lading
Position:	010
Loop:	MBL Mandatory
Level:	Detail
Usage:	Mandatory
Max Use:	1
Purpose:	To specify a bill of lading number and associated information
Syntax Notes:	
Semantic Notes:	1 If MBL04 is "Y", then issuer is an automated manifest system (AMS) participant. If "N", then issuer is not an AMS participant.
Comments:	
Notes:	**AAFES will accept one MBL loop.**

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
>>	**MBL01**	**140**	**Standard Carrier Alpha Code** Standard Carrier Alpha Code	**M ID 2/4**
>>	**MBL02**	**598**	**Bill of Lading/Waybill Number** Identification number assigned to the shipment by the carrier or consolidator	**M AN 1/12**

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Segment:	**N1** Name	
Position:	060	
Loop:	N1	Optional (Recommended)
Level:	Detail	
Usage:	Optional (Recommended)	
Max Use:	1	
Purpose:	To identify a party by type of organization, name, and code	
Syntax Notes:	1	At least one of N102 or N103 is required.
	2	If either N103 or N104 is present, then the other is required.
Semantic Notes:		
Comments:	1	This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
	2	N105 and N106 further define the type of entity in N101.
Notes:	**AAFES requires two N1 loops: SF and ST**	

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
>>	N101	98	**Entity Identifier Code**	**M**	**ID 2/3**
			Code identifying an organizational entity, a physical location, property or an individual		
			SF	**Ship From**	
			ST	**Ship To**	
R	N102	93	**Name**	**X**	**AN 1/60**
			Free-form name		
R	N103	66	**Identification Code Qualifier**	**X**	**ID 1/2**
			Code designating the system/method of code structure used for Identification Code (67)		
			9	**D-U-N-S+4, D-U-N-S Number with Four Character Suffix**	
R	N104	67	**Identification Code**	**X**	**AN 2/80**
			Code identifying a party or other code		

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	Segment:	**N3** Address Information
	Position:	080
	Loop:	N1 Optional (Recommended)
	Level:	Detail
	Usage:	Optional (Recommended)
	Max Use:	2
	Purpose:	To specify the location of the named party
	Syntax Notes:	
	Semantic Notes:	
	Comments:	

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
>> N301	166	**Address Information** Address information	M AN 1/55
N302	166	**Address Information** Address information	O AN 1/55

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	Segment:	**N4** Geographic Location
	Position:	090
	Loop:	N1 Optional (Recommended)
	Level:	Detail
	Usage:	Optional (Recommended)
	Max Use:	1
	Purpose:	To specify the geographic place of the named party
	Syntax Notes:	1 If N406 is present, then N405 is required.
	Semantic Notes:	
	Comments:	1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
		2 N402 is required only if city name (N401) is in the U.S. or Canada.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
R	**N401**	**19**	**City Name**	**O**	**AN 2/30**
			Free-form text for city name		
	N402	**156**	**State or Province Code**	**O**	**ID 2/2**
			Code (Standard State/Province) as defined by appropriate government agency		
R	**N403**	**116**	**Postal Code**	**O**	**ID 3/15**
			Code defining international postal zone code excluding punctuation and blanks (zip code for United States)		
R	**N404**	**26**	**Country Code**	**O**	**ID 2/3**
			Code identifying the country		

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Segment:	**LIN** Item Identification	
Position:	100	
Loop:	LIN	Mandatory
Level:	Detail	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To specify basic item identification data	

Syntax Notes:	1	If either LIN04 or LIN05 is present, then the other is required.
	2	If either LIN06 or LIN07 is present, then the other is required.
	3	If either LIN08 or LIN09 is present, then the other is required.
	4	If either LIN10 or LIN11 is present, then the other is required.
	5	If either LIN12 or LIN13 is present, then the other is required.
	6	If either LIN14 or LIN15 is present, then the other is required.
	7	If either LIN16 or LIN17 is present, then the other is required.
	8	If either LIN18 or LIN19 is present, then the other is required.
	9	If either LIN20 or LIN21 is present, then the other is required.
	10	If either LIN22 or LIN23 is present, then the other is required.
	11	If either LIN24 or LIN25 is present, then the other is required.
	12	If either LIN26 or LIN27 is present, then the other is required.
	13	If either LIN28 or LIN29 is present, then the other is required.
	14	If either LIN30 or LIN31 is present, then the other is required.
Semantic Notes:	1	LIN01 is the line item identification
Comments:	1	See the Data Dictionary for a complete list of IDs.
	2	LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.
Notes:	**d**	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
>>	**LIN02**	**235**	**Product/Service ID Qualifier**	**M ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
			EN **European Article Number (EAN) (2-5-5-1)**	
			UP **U.P.C. Consumer Package Code (1-5-5-1)**	
>>	**LIN03**	**234**	**Product/Service ID**	**M AN 1/48**
			Identifying number for a product or service	

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Segment:	**SN1** Item Detail (Shipment)
Position:	110
Loop:	LIN Mandatory
Level:	Detail
Usage:	Mandatory
Max Use:	1
Purpose:	To specify line-item detail relative to shipment
Syntax Notes:	1 If either SN105 or SN106 is present, then the other is required.
Semantic Notes:	1 SN101 is the ship notice line-item identification.
Comments:	1 SN103 defines the unit of measurement for both SN102 and SN104.
Notes:	.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
	SN101	350	Assigned Identification	O	AN 1/20
			Alphanumeric characters assigned for differentiation within a transaction set		
>>	SN102	382	Number of Units Shipped	M	R 1/10
			Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set		
>>	SN103	355	Unit or Basis for Measurement Code	M	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			Refer to 004010 Data Element Dictionary for acceptable code values.		

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	Segment:	**PRF** Purchase Order Reference
	Position:	120
	Loop:	LIN Mandatory
	Level:	Detail
	Usage:	Optional (Recommended)
	Max Use:	1
	Purpose:	To provide reference to a specific purchase order
	Syntax Notes:	
	Semantic Notes:	**1** PRF04 is the date assigned by the purchaser to purchase order.
	Comments:	

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
>> PRF01	324	**Purchase Order Number**	M AN 1/22
		Identifying number for Purchase Order assigned by the orderer/purchaser	

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Segment:	**TD1** Carrier Details (Quantity and Weight)	
Position:	130	
Loop:	LIN Mandatory	
Level:	Detail	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To specify the transportation details relative to commodity, weight, and quantity	
Syntax Notes:	1	If TD101 is present, then TD102 is required.
	2	If TD103 is present, then TD104 is required.
	3	If TD106 is present, then TD107 is required.
	4	If either TD107 or TD108 is present, then the other is required.
	5	If either TD109 or TD110 is present, then the other is required.
Semantic Notes:		
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
R	TD101	103	**Packaging Code**	O AN 3/5
			Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging Material; if the Data Element is used, then Part 1 is always required Refer to 004010 Data Element Dictionary for acceptable code values.	
R	TD102	80	**Lading Quantity**	X N0 1/7
			Number of units (pieces) of the lading commodity	

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Segment:	**SE** Transaction Set Trailer
Position:	210
Loop:	
Level:	Detail
Usage:	Mandatory
Max Use:	1
Purpose:	To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)
Syntax Notes:	
Semantic Notes:	
Comments:	**1** SE is the last segment of each transaction set.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
>>	SE01	96	**Number of Included Segments** Total number of segments included in a transaction set including ST and SE segments	M N0 1/10
>>	SE02	329	**Transaction Set Control Number** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M AN 4/9