

# 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 business requirements for the Consolidation of Goods In Container. Segments not required by standards, but required by AAFES, are marked "RECOMMENDED". All elements marked with "R" are required by AAFES and must always be received by AAFES. All elements marked "M" are mandatory by the standards. All unmarked elements may be received as necessary in their respective segments.*

## Heading:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
M	0100	ST	Transaction Set Header	M	1		
M	0200	B12	Beginning Segment for Consolidation of Goods In Container	M	1		
Rec	0300	M7	Seal Numbers	O	5		
Rec	0320	W09	Equipment and Temperature	O	1		
	0340	H3	Special Handling Instructions	O	6		
M	0400	V1	Vessel Identification	M	1		
Not Used	0500	V9	Event Detail	O	2		
Rec	0600	L3	Total Weight and Charges	O	1		
Not Used	0700	C3	Currency	O	1		
M	0800	R4	Port or Terminal	M	4		
Rec	0900	N9	Reference Identification	O	10		

## Detail:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
						999	
M	0100	MBL	Bill of Lading	M	1		
Not Used	0200	L3	Total Weight and Charges	O	1		
Not Used	0300	C3	Currency	O	1		
Not Used	0400	R4	Port or Terminal	O	4		
Not Used	0500	N9	Reference Identification	O	10		
						6	
Rec	0600	N1	Name	O	1		
Not Used	0700	N2	Additional Name Information	O	1		
Rec	0800	N3	Address Information	O	2		
Rec	0900	N4	Geographic Location	O	1		
						999	
M	1000	LIN	Item Identification	M	1		
M	1100	SN1	Item Detail (Shipment)	M	1		
Rec	1200	PRF	Purchase Order Reference	O	1		
M	1300	TD1	Carrier Details (Quantity and Weight)	M	1		

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			LOOP ID - H1		10
Not Used	1320	H1	Hazardous Material	O	1
Not Used	1340	H2	Additional Hazardous Material Description	O	10
Not Used	1400	G20	Item Packing Detail	O	1
Not Used	1420	MAN	Marks and Numbers	O	10
Not Used	1500	UIT	Unit Detail	O	1
Not Used	1600	N1	Name	O	1
Not Used	1700	L8	Line Item Subtotal	O	1
Not Used	1800	C3	Currency	O	1
Not Used	1900	R4	Port or Terminal	O	4
Not Used	2000	N9	Reference Identification	O	10
M	2100	SE	Transaction Set Trailer	M	1

**Segment:** **ST** **Transaction Set Header**  
**Position:** 0100  
**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).
- 2 The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition.

**Comments:**

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
M	ST01	143 <b>Transaction Set Identifier Code</b> Code uniquely identifying a Transaction Set 325 Consolidation of Goods In Container	M 1 ID 3/3
M	ST02	329 <b>Transaction Set Control Number</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M 1 AN 4/9

**Segment:** **B12** Beginning Segment for Consolidation of Goods In Container  
**Position:** 0200  
**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**

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

**Segment:** **M7 Seal Numbers**  
**Position:** 0300  
**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.	Data	Element	Name	Attributes	
M	M701	225	Seal Number Unique number on seal used to close a shipment	M	1 AN 2/15
	M702	225	Seal Number Unique number on seal used to close a shipment	O	1 AN 2/15

**Segment:** **W09** Equipment and Temperature  
**Position:** 0320  
**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**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	W0901	40	Equipment Description Code Code identifying type of equipment used for shipment Refer to 004030 Data Element Dictionary for acceptable code values.	M 1 ID 2/2

**Segment:** **H3** Special Handling Instructions  
**Position:** 0340  
**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**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u> H301	<u>Element</u> 152	<u>Special Handling Code</u> Code specifying special transportation handling instructions	X 1 ID 2/3

**Segment:** **V1** Vessel Identification  
**Position:** 0400  
**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**

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
R	V102	182	<b>Vessel Name</b> Name of ship as documented in "Lloyd's Register of Ships"	X 1 AN 2/28
	V103	26	<b>Country Code</b> Code identifying the country	O 1 ID 2/3
R	V104	55	<b>Flight/Voyage Number</b> Identifying designator for the particular flight or voyage on which the cargo travels	O 1 AN 2/10
R	V105	140	<b>Standard Carrier Alpha Code</b> Standard Carrier Alpha Code	O 1 ID 2/4
	V106	249	<b>Vessel Requirement Code</b> Code specifying options for satisfying vessel requirements Refer to 004030 Data Element Dictionary for acceptable code values.	O 1 ID 1/1

**Segment:** **L3 Total Weight and Charges**

**Position:** 0600

**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**

	<b>Ref.</b>	<b>Data</b>		<b>Attributes</b>
	<b><u>Des.</u></b>	<b><u>Element</u></b>	<b><u>Name</u></b>	
<b>R</b>	<b>L301</b>	<b>81</b>	<b>Weight</b> Numeric value of weight	<b>X 1 R 1/10</b>
<b>R</b>	<b>L302</b>	<b>187</b>	<b>Weight Qualifier</b> Code defining the type of weight	<b>X 1 ID 1/2</b>
<b>R</b>	<b>L311</b>	<b>80</b>	<b>Lading Quantity</b> Number of units (pieces) of the lading commodity	<b>O 1 N0 1/7</b>

**Segment:** **R4 Port or Terminal**  
**Position:** 0800  
**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**

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

**Segment:** **N9 Reference Identification**  
**Position:** 0900  
**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**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	N901	128	<b>Reference Identification Qualifier</b> 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	M 1 ID 2/3
R	N902	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X 1 AN 1/50

**Segment:** **MBL** Bill of Lading  
**Position:** 0100  
**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**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	MBL01	140	Standard Carrier Alpha Code Standard Carrier Alpha Code	M 1 ID 2/4
M	MBL02	598	Bill of Lading/Waybill Number Identification number assigned to the shipment by the carrier or consolidator	M 1 AN 1/25

- Segment:** **N1** Name  
**Position:** 0600  
**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.

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	N101	98	<b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual SF Ship From ST Ship To	M 1 ID 2/3
R	N102	93	<b>Name</b> Free-form name	X 1 AN 1/60
R	N103	66	<b>Identification Code Qualifier</b> 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	X 1 ID 1/2
R	N104	67	<b>Identification Code</b> Code identifying a party or other code	X 1 AN 2/80

**Segment:** **N3** Address Information  
**Position:** 0800  
**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**

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

**Segment:** **N4 Geographic Location**  
**Position:** 0900  
**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 Only one of N402 or N407 may be present.
- 2 If N406 is present, then N405 is required.
- 3 If N407 is present, then N404 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**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
R	N401	19	<b>City Name</b> Free-form text for city name	O 1 AN 2/30
	N402	156	<b>State or Province Code</b> Code (Standard State/Province) as defined by appropriate government agency	X 1 ID 2/2
R	N403	116	<b>Postal Code</b> Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O 1 ID 3/15
R	N404	26	<b>Country Code</b> Code identifying the country	X 1 ID 2/3

**Segment:** **LIN** **Item Identification**  
**Position:** 1000  
**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.

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	LIN02	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) EN EAN/UCC - 13 Data structure for the 13 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN) UK EAN/UCC - 14 Data structure for the 14 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN) UP UCC - 12 Data structure for the 12 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN). Also known as the Universal Product Code (U.P.C.)	M 1 ID 2/2
M	LIN03	234	<b>Product/Service ID</b> Identifying number for a product or service	M 1 AN 1/48

**Segment:** **SN1** Item Detail (Shipment)  
**Position:** 1100  
**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.

**Data Element Summary**

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

**Segment:** **PRF** Purchase Order Reference  
**Position:** 1200  
**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**

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

**Segment:** **TD1** Carrier Details (Quantity and Weight)  
**Position:** 1300  
**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**

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
R	TD101	103	<b>Packaging Code</b> 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 004030 Data Element Dictionary for acceptable code values.	O 1 AN 3/5
R	TD102	80	<b>Lading Quantity</b> Number of units (pieces) of the lading commodity	X 1 N0 1/7

**Segment:** **SE** Transaction Set Trailer  
**Position:** 2100  
**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**

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