Federal Implementation Guideline for Electronic Data Interchange

ASC X12 003060 Transaction Set 846F Inventory Inquiry/Advice (Ammo Freeze/Unfreeze)

Implementation Convention

NIST

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[1]At Boulder, CO 80303.
[2]Some elements at Boulder, CO.

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Electronic Commerce Acquisition Program Management Office
Standard Management Committee - Secretariat
National Institute of Standards and Technology
Gaithersburg, MD 20899-0001

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Reports on Information Technology

The National Institute of Standards and Technology (NIST)'s Information Technology Laboratory (ITL) develops standards and guidelines, provides technical assistance, and conducts research for computers and resources. As part of the overall federal effort to establish a single face to industry for conducting electronic commerce, ITL has been designated as the organization responsible for coordinating the development of Federal Implementation Conventions (ICs) for Electronic Data Interchange (EDI). ICs are defined by functional-area experts who create and select options from standard EDI Transaction Sets to yield the implementations to be used for practical EDI. These ICs are made available to federal agencies and industry by electronic means and this Special Publication Series.

846 Inventory Inquiry/Advice

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Inventory Inquiry/Advice Transaction Set (846) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used in the following ways: (1) for a seller of goods and services to provide inventory information to a prospective purchaser, with no obligation to the purchaser to acquire these goods or services; (2) for a representative of a seller of goods and services to supply inventory information to that seller; (3) for one location to supply another location with inventory information; and (4) for an inquiry as to the availability of inventory with no obligation on the seller of goods and services to reserve that inventory.

Notes:

1. The Single Manager for Conventional Ammunition (SMCA) uses this transaction set to advise storage organizations of freeze or unfreeze actions on conventional ammunition.

2. Use a single occurrence of this transaction set to exchange transactions between the SMCA and a single or multiple storage organizations. Use one occurrence of this transaction set to transmit a single or multiple transactions.

3. Users operating under the Defense Logistics Management System (DLMS) must reference the Unit of Issue and Purchase Unit Conversion Table which can be found on the National Institute of Standards and Technology (NIST) World Wide Web Site.

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BIA	Beginning Segment for Inventory Inquiry/Advice	M	1		
Not Used	040	CUR	Currency	O	1		
Not Used	050	DTM	Date/Time Reference	O	10		
Not Used	060	REF	Reference Identification	O	12		
Not Used	070	PER	Administrative Communications Contact	O	3		
Not Used	075	MEA	Measurements	O	20		
			LOOP ID - N1			5	
Must Use	080	N1	Name	O	1		
Not Used	090	N2	Additional Name Information	O	2		
Not Used	100	N3	Address Information	O	2		
Not Used	110	N4	Geographic Location	O	1		
Not Used	120	REF	Reference Identification	O	12		
Not Used	130	PER	Administrative Communications Contact	O	3		
			LOOP ID - LM			10	
Must Use	140	LM	Code Source Information	O	1		
Must Use	150	LQ	Industry Code	M	100		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - LIN			10000	
Must Use	010	LIN	Item Identification	M	I		
Not Used	030	PID	Product/Item Description	O	200		
Not Used	040	MEA	Measurements	O	40		
Not Used	050	PKG	Marking, Packaging, Loading	O	25		
	100	DTM	Date/Time Reference	O	10		
Not Used	110	CTP	Pricing Information	O	25		
Not Used	120	CUR	Currency	O	1		
Not Used	130	SAC	Service, Promotion, Allowance, or Charge Information	O	25		
Must Use	140	REF	Reference Identification	O	>1		
Not Used	150	PER	Administrative Communications Contact	O	3		
Not Used	220	SDQ	Destination Quantity	O	500		
Not Used	230	MAN	Marks and Numbers	O	1		
Not Used	235	UIT	Unit Detail	O	5		
Not Used	240	CS	Contract Summary	O	1		
Not Used	250	DD	Demand Detail	O	>1		
Not Used	255	G53	Maintenance Type	O	I		
Not Used	256	PCT	Percent Amounts	O	>1		
Not Used	257	LDT	Lead Time	O	12		
			LOOP ID - LM			10	
	260	LM	Code Source Information	O	1		
Must Use	270	LQ	Industry Code	M	100		
			LOOP ID - SLN			1000	
Not Used	280	SLN	Subline Item Detail	O	I		
Not Used	290	PID	Product/Item Description	O	200		
Not Used	300	MEA	Measurements	O	40		
Not Used	310	PKG	Marking, Packaging, Loading	O	25		
			LOOP ID - MAN			100	
Not Used	312	MAN	Marks and Numbers	O	1		
Not Used	314	MEA	Measurements	O	40		
			LOOP ID - QTY			99	
	320	QTY	Quantity	O	I		
Not Used	330	UIT	Unit Detail	O	12		
Not Used	340	MEA	Measurements	O	25		
Not Used	350	LDT	Lead Time	O	12		
Not Used	355	DTM	Date/Time Reference	O	10		
			LOOP ID - SCH			25	
Not Used	360	SCH	Line Item Schedule	O	1		
Not Used	370	MEA	Measurements	O	25		
			LOOP ID - LM			>1	
	375	LM	Code Source Information	O	I		
Must Use	376	LQ	Industry Code	M	100		
	380	LS	Loop Header	O	1		
			LOOP ID - REF			>1	
	390	REF	Reference Identification	O	1		n1

	400	DTM	Date/Time Reference	O	>1		
	410	N1	Name	O	1		
			LOOP ID - LM			10	
Not Used	420	LM	Code Source Information	O	1		
Not Used	430	LQ	Industry Code	M	100		
	440	LE	Loop Trailer	O	1		
			LOOP ID - N1			200	
Must Use	450	N1	Name	O	1		
Not Used	460	N2	Additional Name Information	O	2		
Not Used	470	N3	Address Information	O	2		
Not Used	480	N4	Geographic Location	O	1		
Not Used	490	REF	Reference Identification	O	12		
Not Used	500	PER	Administrative Communications Contact	O	3		

Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Not Used	010	CTT	Transaction Totals	O	1		n2
Must Use	020	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. The REF loop conveys serial number, lot number, and inventory data.
2. Number of line items (CTT01) is the accumulation of number of LIN segments. If used, hash total (CTT02) is the sum of the values of the quantities (QTY02) of each QTY segment.

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) 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
Must Use	ST01	143	**Transaction Set Identifier Code**	M ID 3/3
			Code uniquely identifying a Transaction Set	
			846 X12.28 Inventory Inquiry/Advice	
Must Use	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	
			A unique number assigned by the originator of the transaction set, or the originator's application program.	

Segment:	**BIA** Beginning Segment for Inventory Inquiry/Advice			
Position:	020			
Loop:				
Level:	Heading			
Usage:	Mandatory			
Max Use:	1			
Purpose:	To indicate the beginning of an Inventory Inquiry/Advice Transaction Set			
Syntax Notes:				
Semantic Notes:	1 BIA03 identifies the number of the inquiry/advice that is transferred.			
	2 BIA04 identifies the date of the inquiry/advice that is transferred.			
	3 BIA05 identifies the time of the inquiry/advice that is transferred.			
Comments:				

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	BIA01	353	**Transaction Set Purpose Code** Code identifying purpose of transaction set	M ID 2/2

	00	Original
	77	Simulation Exercise

Use to identify a simulated mobilization exercise transaction set. Activities initiating simulated mobilization exercises must ensure complete coordination with all activities involved. All transaction set recipients must use extreme caution to ensure that individual transactions do not process as action documents which affect accountable records.

	Ref. Des.	Data Element	Name	Attributes
Must Use	BIA02	755	**Report Type Code** Code indicating the title or contents of a document, report or supporting item	M ID 2/2

	ZB	Conventional Ammunition Suspension Report

An action that suspends or freezes continued use of a specified quantity of conventional ammunition
Use to identify a conventional ammunition freeze/unfreeze transaction.

	Ref. Des.	Data Element	Name	Attributes
Must Use	BIA03	127	**Reference Identification**	M AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier
Use Code "Z" for this data element to satisfy mandatory X12 syntax requirements.

	Ref. Des.	Data Element	Name	Attributes
Must Use	BIA04	373	**Date** Date (YYMMDD)	M DT 6/6

This is the date of transaction set preparation. This date corresponds to the Universal Time Coordinate (UTC).

	Ref. Des.	Data Element	Name	Attributes
Must Use	BIA05	337	**Time**	O TM 4/8

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)
1. Express the originating activity's time of transaction set preparation in UTC.

2. Express time in a four-position (HHMM) format.

	Ref. Des.	Data Element	Name	Attributes
Not Used	BIA06	306	**Action Code** Code indicating type of action	O ID 1/2

Segment:	**N1** Name	
Position:	080	
Loop:	N1 Optional (Must Use)	
Level:	Heading	
Usage:	Optional (Must Use)	
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:	*Must use this 1/N1/080 loop to identify SMCA originating the transaction set.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	N101	98	**Entity Identifier Code**	M ID 2/2
			Code identifying an organizational entity, a physical location, or an individual	
			KA Item Manager	
			The address of the person responsible for the management of an item of supply	
			Must use to identify the SMCA.	
Not Used	N102	93	**Name**	X AN 1/35
			Free-form name	
Must Use	N103	66	**Identification Code Qualifier**	X ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)	
			1 D-U-N-S Number, Dun & Bradstreet	
			9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix	
			10 Department of Defense Activity Address Code (DODAAC)	
			M4 Department of Defense Routing Identifier Code (RIC)	
			An integral and predetermined participant in an established logistical system performing general logistic control, distribution, and storage functions	
Must Use	N104	67	**Identification Code**	X AN 2/20
			Code identifying a party or other code	
Not Used	N105	706	**Entity Relationship Code**	O ID 2/2
			Code describing entity relationship	
Must Use	N106	98	**Entity Identifier Code**	O ID 2/2
			Code identifying an organizational entity, a physical location, or an individual	
			FR Message From	
			Must use to indicate the organization cited in N104 is originating the transaction set.	

Segment:	**LM** Code Source Information	
Position:	140	
Loop:	LM Optional (Must Use)	
Level:	Heading	
Usage:	Optional (Must Use)	
Max Use:	1	
Purpose:	To transmit standard code list identification information	
Syntax Notes:		
Semantic Notes:		
Comments:	1 LM02 identifies the applicable industry code list source information.	
Notes:	*Must use this 1/LM/140 loop to identify coded information maintained in department or agency documentation.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	LM01	559	Agency Qualifier Code Code identifying the agency assigning the code values	M ID 2/2
			DF Department of Defense (DoD)	
Not Used	LM02	822	Source Subqualifier A reference that indicates the table or text maintained by the Source Qualifier	O AN 1/15

Segment:	**LQ** Industry Code	
Position:	150	
Loop:	LM Optional (Must Use)	
Level:	Heading	
Usage:	Mandatory	
Max Use:	100	
Purpose:	Code to transmit standard industry codes	
Syntax Notes:	1 If LQ01 is present, then LQ02 is required.	
Semantic Notes:		
Comments:		
Notes:	*Use to identify codes, as appropriate, consistent with management information requirements.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	LQ01	1270	**Code List Qualifier Code**	O ID 1/3
			Code identifying a specific industry code list	
		0	Document Identification Code	
			Codes that subclassify a transaction	
Must Use	LQ02	1271	**Industry Code**	X AN 1/30
			Code indicating a code from a specific industry code list	

Segment:	**LIN** Item Identification	
Position:	010	
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:	*Must use the 2/LIN/010 loop to identify the material, transaction number, and inventory information associated with the freeze/unfreeze action.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Not Used	LIN01	350	Assigned Identification	O	AN 1/20
			Alphanumeric characters assigned for differentiation within a transaction set		
Must Use	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)		
			Use only one of codes A2, FS or MG to identify the ammunition item.		

             A2   Department of Defense Identification Code (DoDIC)

                                     Qualifies a code that uniquely identifies a type of explosive or ammunition

                                     Use to identify ammunition items.

             FS   National Stock Number

             MG   Manufacturer's Part Number

                                     Use to identify the ammunition manufacturer's part number when no DoDIC is assigned.

	Ref. Des.	Data Element	Name	Attributes	
Must Use	LIN03	234	Product/Service ID	M	AN 1/40
			Identifying number for a product or service		
	LIN04	235	Product/Service ID Qualifier	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		

             ZB   Commercial and Government Entity (CAGE) Code

                                     A code that identifies a commercial contractor authorized to do business with the U.S. government

                                     Use with LIN02 code MG to uniquely identify the ammunition manufacturer's part number.

	LIN05	234	**Product/Service ID**	X	AN 1/40
			Identifying number for a product or service		
Not Used	LIN06	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	LIN07	234	**Product/Service ID**	X	AN 1/40
			Identifying number for a product or service		
Not Used	LIN08	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	LIN09	234	**Product/Service ID**	X	AN 1/40
			Identifying number for a product or service		
Not Used	LIN10	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	LIN11	234	**Product/Service ID**	X	AN 1/40
			Identifying number for a product or service		
Not Used	LIN12	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	LIN13	234	**Product/Service ID**	X	AN 1/40
			Identifying number for a product or service		
Not Used	LIN14	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	LIN15	234	**Product/Service ID**	X	AN 1/40
			Identifying number for a product or service		
Not Used	LIN16	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	LIN17	234	**Product/Service ID**	X	AN 1/40
			Identifying number for a product or service		
Not Used	LIN18	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	LIN19	234	**Product/Service ID**	X	AN 1/40
			Identifying number for a product or service		
Not Used	LIN20	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	LIN21	234	**Product/Service ID**	X	AN 1/40
			Identifying number for a product or service		
Not Used	LIN22	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	LIN23	234	**Product/Service ID**	X	AN 1/40
			Identifying number for a product or service		
Not Used	LIN24	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	LIN25	234	**Product/Service ID**	X	AN 1/40
			Identifying number for a product or service		
Not Used	LIN26	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	LIN27	234	**Product/Service ID**	X	AN 1/40

			Identifying number for a product or service		
Not Used	**LIN28**	**235**	**Product/Service ID Qualifier** Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	**LIN29**	**234**	**Product/Service ID** Identifying number for a product or service	X	AN 1/40
Not Used	**LIN30**	**235**	**Product/Service ID Qualifier** Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	**LIN31**	**234**	**Product/Service ID** Identifying number for a product or service	X	AN 1/40

Segment:	**DTM** Date/Time Reference	
Position:	100	
Loop:	LIN Mandatory	
Level:	Detail	
Usage:	Optional	
Max Use:	10	
Purpose:	To specify pertinent dates and times	
Syntax Notes:	1 At least one of DTM02 DTM03 or DTM06 is required.	
	2 If either DTM06 or DTM07 is present, then the other is required.	
Semantic Notes:		
Comments:		
Notes:	*Must use 2/DTM/100 to identify dates associated with the transaction.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	DTM01	374	**Date/Time Qualifier**	M ID 3/3
			Code specifying type of date or time, or both date and time	
			168 Release	
			Use to identify the effective date ammunition is released from suspension.	
			600 As Of	
			Use to identify the effective date ammunition is to be suspended from use or issue.	
Must Use	DTM02	373	**Date**	X DT 6/6
			Date (YYMMDD)	
Not Used	DTM03	337	**Time**	X TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
Not Used	DTM04	623	**Time Code**	O ID 2/2
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	
	DTM05	624	**Century**	O N0 2/2
			The first two characters in the designation of the year (CCYY)	
Not Used	DTM06	1250	**Date Time Period Format Qualifier**	X ID 2/3
			Code indicating the date format, time format, or date and time format	
Not Used	DTM07	1251	**Date Time Period**	X AN 1/35
			Expression of a date, a time, or range of dates, times or dates and times	

Segment:	**REF** Reference Identification		
Position:	140		
Loop:	LIN Mandatory		
Level:	Detail		
Usage:	Optional (Must Use)		
Max Use:	>1		
Purpose:	To specify identifying information		
Syntax Notes:	1	At least one of REF02 or REF03 is required.	
	2	If either C04003 or C04004 is present, then the other is required.	
	3	If either C04005 or C04006 is present, then the other is required.	
Semantic Notes:	1	REF04 contains data relating to the value cited in REF02.	
Comments:			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	REF01	128	**Reference Identification Qualifier** Code qualifying the Reference Identification	M ID 2/3
			TN Transaction Reference Number *Must use to identify the transaction number assigned to the transaction.*	
Must Use	REF02	127	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
Not Used	REF03	352	**Description** A free-form description to clarify the related data elements and their content	X AN 1/80
Not Used	REF04	C040	**Reference Identifier** To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O
Not Used	C04001	128	**Reference Identification Qualifier** Code qualifying the Reference Identification	M ID 2/3
Not Used	C04002	127	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M AN 1/30
Not Used	C04003	128	**Reference Identification Qualifier** Code qualifying the Reference Identification	X ID 2/3
Not Used	C04004	127	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
Not Used	C04005	128	**Reference Identification Qualifier** Code qualifying the Reference Identification	X ID 2/3
Not Used	C04006	127	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30

Segment:	**LM** Code Source Information	
Position:	260	
Loop:	LM	Optional
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To transmit standard code list identification information	
Syntax Notes:		
Semantic Notes:		
Comments:	1	LM02 identifies the applicable industry code list source information.
Notes:	*Use this 2/LM/260 loop to identify coded information in department or agency documentation.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	LM01	559	Agency Qualifier Code	M ID 2/2
			Code identifying the agency assigning the code values	
			DF Department of Defense (DoD)	
Not Used	LM02	822	Source Subqualifier	O AN 1/15
			A reference that indicates the table or text maintained by the Source Qualifier	

Segment:	**LQ** Industry Code		
Position:	270		
Loop:	LM	Optional	
Level:	Detail		
Usage:	Mandatory		
Max Use:	100		
Purpose:	Code to transmit standard industry codes		
Syntax Notes:	1 If LQ01 is present, then LQ02 is required.		
Semantic Notes:			
Comments:			
Notes:	*Use to identify codes, as appropriate, consistent with management information requirements.*		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**LQ01**	1270	**Code List Qualifier Code**	O ID 1/3
			Code identifying a specific industry code list	

> 84   Management Code
>
> Supplemental information not covered by the transaction coding structure
>
> *Use to identify supplemental management information associated with the freeze/unfreeze action.*

	Ref. Des.	Data Element	Name	Attributes
Must Use	**LQ02**	1271	**Industry Code**	X AN 1/30
			Code indicating a code from a specific industry code list	

Segment:	**QTY** Quantity	
Position:	320	
Loop:	QTY	Optional
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify quantity information	
Syntax Notes:		
Semantic Notes:		
Comments:		
Notes:	*1. Use multiple iterations of the 2/QTY/320 loop to stratify quantity by material classification.*	
	2. Use the 2/REF/390 loop as needed to identify Unique Item Tracking (UIT) information related to inventory quantities.	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	QTY01	673	**Quantity Qualifier** Code specifying the type of quantity	M ID 2/2
			01 Discrete Quantity	
			Use to identify the quantity suspended or released from suspension.	
Must Use	QTY02	380	**Quantity** Numeric value of quantity	M R 1/15
			Express as a whole number with no decimals.	
	QTY03	C001	**Composite Unit of Measure**	O
			To identify a composite unit of measure (See Figures Appendix for examples of use)	
Must Use	C00101	355	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken *DLMS users see the Unit of Issue and Purchase Unit Conversion Table for applicable codes.*	M ID 2/2
Not Used	C00102	1018	**Exponent** Power to which a unit is raised	O R 1/15
Not Used	C00103	649	**Multiplier** Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00104	355	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00105	1018	**Exponent** Power to which a unit is raised	O R 1/15
Not Used	C00106	649	**Multiplier** Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00107	355	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00108	1018	**Exponent** Power to which a unit is raised	O R 1/15
Not Used	C00109	649	**Multiplier** Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00110	355	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in	O ID 2/2

which a measurement has been taken

Not Used	C00111	1018	**Exponent** Power to which a unit is raised	O	R 1/15
Not Used	C00112	649	**Multiplier** Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00113	355	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
Not Used	C00114	1018	**Exponent** Power to which a unit is raised	O	R 1/15
Not Used	C00115	649	**Multiplier** Value to be used as a multiplier to obtain a new value	O	R 1/10

Segment:	**LM** Code Source Information
Position:	375
Loop:	LM Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To transmit standard code list identification information
Syntax Notes:	
Semantic Notes:	
Comments:	1 LM02 identifies the applicable industry code list source information.
Notes:	*Use the 2/LM/375 loop to identify coded information maintained in department or agency documentation.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	LM01	559	**Agency Qualifier Code**	**M**	**ID 2/2**
			Code identifying the agency assigning the code values		
			DF Department of Defense (DoD)		
Not Used	LM02	822	**Source Subqualifier**	**O**	**AN 1/15**
			A reference that indicates the table or text maintained by the Source Qualifier		

Segment:	**LQ** Industry Code				
Position:	376				
Loop:	LM	Optional			
Level:	Detail				
Usage:	Mandatory				
Max Use:	100				
Purpose:	Code to transmit standard industry codes				
Syntax Notes:	1	If LQ01 is present, then LQ02 is required.			
Semantic Notes:					
Comments:					
Notes:	*Use to identify codes, as appropriate, consistent with management information requirements.*				

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	**LQ01**	**1270**	**Code List Qualifier Code**		**O ID 1/3**
			Code identifying a specific industry code list		
			Use one of codes 99 or A1 (but not both).		
			83	Supply Condition Code	
				Classifies material by readiness for issue and use, describes actions underway to change the status of material, or identifies material as excess or not serviceable	
				Use to identify supply condition of the material.	
			99	Purpose Code	
				Codes that inform the material owner why an inventory balance is being reserved	
			A1	Ownership Code	
				Items included in the inventory records of an organization that is not the owner of the items	
Must Use	**LQ02**	**1271**	**Industry Code**		**X AN 1/30**
			Code indicating a code from a specific industry code list		

Segment:	**LS** Loop Header	
Position:	380	
Loop:	QTY	Optional
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To indicate that the next segment begins a loop	
Syntax Notes:		
Semantic Notes:	1	One loop may be nested contained within another loop, provided the inner nested loop terminates before the outer loop. When specified by the standard setting body as mandatory, this segment in combination with "LE", must be used. It is not to be used if not specifically set forth for use. The loop identifier in the loop header and trailer must be identical. The value for the identifier is the loop ID of the required loop segment. The loop ID number is given on the transaction set diagram in the appropriate ASC X12 version/release.
Comments:	1	See Figures Appendix for an explanation of the use of the LS and LE segments.
Notes:		*Use as needed in each 2/QTY/320 loop to prevent a syntax error in the use of the 2/REF/390 loop.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	LS01	447	Loop Identifier Code	M AN 1/4
			The loop ID number given on the transaction set diagram is the value for this data element in segments LS and LE	
			Cite REF to indicate the 2/REF/390 loop.	

Segment:	**REF** Reference Identification	
Position:	390	
Loop:	REF Optional	
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify identifying information	
Syntax Notes:	1 At least one of REF02 or REF03 is required.	
	2 If either C04003 or C04004 is present, then the other is required.	
	3 If either C04005 or C04006 is present, then the other is required.	
Semantic Notes:	1 REF04 contains data relating to the value cited in REF02.	
Comments:		
Notes:	*Use the 2/REF/390 loop to provide unique item tracking (UIT) information when inventories are segregated in this manner.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	REF01	128	**Reference Identification Qualifier** Code qualifying the Reference Identification	M ID 2/3
			BT Batch Number	
			Use to identify manufacturer's batch number or other number identifying the production run.	
			LT Lot Number	
			Use to identify the manufacturer's lot number.	
			SE Serial Number	
			Use to identify a unique item identifier.	
Must Use	REF02	127	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
Not Used	REF03	352	**Description** A free-form description to clarify the related data elements and their content	X AN 1/80
Not Used	REF04	C040	**Reference Identifier** To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O
Not Used	C04001	128	**Reference Identification Qualifier** Code qualifying the Reference Identification	M ID 2/3
Not Used	C04002	127	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M AN 1/30
Not Used	C04003	128	**Reference Identification Qualifier** Code qualifying the Reference Identification	X ID 2/3
Not Used	C04004	127	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
Not Used	C04005	128	**Reference Identification Qualifier** Code qualifying the Reference Identification	X ID 2/3
Not Used	C04006	127	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30

Segment:	**DTM** Date/Time Reference	
Position:	400	
Loop:	REF Optional	
Level:	Detail	
Usage:	Optional	
Max Use:	>1	
Purpose:	To specify pertinent dates and times	
Syntax Notes:	1 At least one of DTM02 DTM03 or DTM06 is required.	
	2 If either DTM06 or DTM07 is present, then the other is required.	
Semantic Notes:		
Comments:		
Notes:	*Use multiple repetitions as needed to identify dates related to the UIT.*	

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	DTM01	374	**Date/Time Qualifier**		M ID 3/3
			Code specifying type of date or time, or both date and time		
			094	Manufacture	
				Use to identify the date of manufacture of the material identified.	
			511	Shelf Life Expiration	
				Use to identify the shelf life expiration date.	
Must Use	DTM02	373	**Date**		X DT 6/6
			Date (YYMMDD)		
Not Used	DTM03	337	**Time**		X TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		
Not Used	DTM04	623	**Time Code**		O ID 2/2
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow		
	DTM05	624	**Century**		O N0 2/2
			The first two characters in the designation of the year (CCYY)		
Not Used	DTM06	1250	**Date Time Period Format Qualifier**		X ID 2/3
			Code indicating the date format, time format, or date and time format		
Not Used	DTM07	1251	**Date Time Period**		X AN 1/35
			Expression of a date, a time, or range of dates, times or dates and times		

Segment:	**N1** Name	
Position:	410	
Loop:	REF	Optional
Level:	Detail	
Usage:	Optional	
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:	*Use to identify the manufacturer of the UIT item.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	N101	98	**Entity Identifier Code** Code identifying an organizational entity, a physical location, or an individual	M ID 2/2
			MF Manufacturer of Goods	
Not Used	N102	93	**Name** Free-form name	X AN 1/35
Must Use	N103	66	**Identification Code Qualifier** Code designating the system/method of code structure used for Identification Code (67)	X ID 1/2
			33 Commercial and Government Entity (CAGE)	
Must Use	N104	67	**Identification Code** Code identifying a party or other code	X AN 2/20
Not Used	N105	706	**Entity Relationship Code** Code describing entity relationship	O ID 2/2
Not Used	N106	98	**Entity Identifier Code** Code identifying an organizational entity, a physical location, or an individual	O ID 2/2

Segment:	**LE** **Loop Trailer**
Position:	440
Loop:	QTY Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To indicate that the loop immediately preceding this segment is complete
Syntax Notes:	

Semantic Notes: 1   One loop may be nested contained within another loop, provided the inner nested loop terminates before the other loop. When specified by the standards setting body as mandatory, this segment in combination with "LS", must be used. It is not to be used if not specifically set forth for use. The loop identifier in the loop header and trailer must be identical. The value for the identifier is the loop ID of the required loop beginning segment. The loop ID number is given on the transaction set diagram in the appropriate ASC X12 version/release.

Comments: 1   See Figures Appendix for an explanation of the use of the LE and LS segments.

Notes: *Use in each 2/QTY/320 loop to terminate any 2/REF/390 loop iterations.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	LE01	447	**Loop Identifier Code**	M AN 1/4

The loop ID number given on the transaction set diagram is the value for this data element in segments LS and LE
Repeat the content of 2/LS/380.

Segment:	**N1** Name		
Position:	450		
Loop:	N1	Optional (Must Use)	
Level:	Detail		
Usage:	Optional (Must Use)		
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:	*Must use this 2/N1/450 loop to identify the organization to receive the transaction.*		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	N101	98	**Entity Identifier Code**	M ID 2/2
			Code identifying an organizational entity, a physical location, or an individual	
			SB Storage Area	
			Must use to indicate the storage organization.	
Not Used	N102	93	**Name**	X AN 1/35
			Free-form name	
Must Use	N103	66	**Identification Code Qualifier**	X ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)	
			1 D-U-N-S Number, Dun & Bradstreet	
			9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix	
			10 Department of Defense Activity Address Code (DODAAC)	
			M4 Department of Defense Routing Identifier Code (RIC)	
			An integral and predetermined participant in an established logistical system performing general logistic control, distribution, and storage functions	
Must Use	N104	67	**Identification Code**	X AN 2/20
			Code identifying a party or other code	
Not Used	N105	706	**Entity Relationship Code**	O ID 2/2
			Code describing entity relationship	
Must Use	N106	98	**Entity Identifier Code**	O ID 2/2
			Code identifying an organizational entity, a physical location, or an individual	
			TO Message To	
			Must use to indicate that the organization cited in N104 is receiving the transaction.	

	Segment:	**SE** **Transaction Set Trailer**
	Position:	020
	Loop:	
	Level:	Summary
	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
Must Use	SE01	96	**Number of Included Segments**	M N0 1/10
			Total number of segments included in a transaction set including ST and SE segments	
Must Use	SE02	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	
			Cite the same number as the one cited in ST02	

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