



Federal Implementation Guideline for Electronic Data Interchange

**ASC X12 003060 Transaction Set 517G
Material Obligation Validation
(Government Furnished Material
Validation)**

Implementation Convention



U.S. DEPARTMENT OF COMMERCE
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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

Editor: Dr. Jean-Philippe Favreau

August 1998



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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.

National Institute of Standards and Technology Special Publication 881-73
Natl. Inst. Stand. Technol. Spec. Publ. 881-73, 21 pages (Aug. 1998)
CODEN: NSPUE2

U.S. GOVERNMENT PRINTING OFFICE
WASHINGTON: 1998

517 Material Obligation Validation

Functional Group ID=**MV**

Introduction:

This Draft Standard for Trial Use provides the format and establishes the data contents of the Material Obligation Validation Transaction Set (517) for use within the context of an Electronic Data Interchange (EDI) environment. The material obligation validation transaction set may be used to: (1) verify the continued need for open orders, (2) confirm open order quantities and order priority, (3) request reinstatement of erroneously cancelled open orders, and (4) validate Government Furnished Material (GFM) orders. The transaction set may convey a description of the material, the urgency of need associated with the transaction and quantity of required material. This transaction set is bi-directional between trading partners.

Notes:

- 1. Supply sources use this transaction set to request the validation of Government Furnished Material (GFM) requisitions received from a commercial contractor. Management Control Activities (MCAs) use this transaction set to respond to GFM validation requests.*
- 2. Use a single occurrence of this transaction set to exchange single or multiple GFM validations either between a single supply source and a single or multiple MCAs or between a single MCA and a single or multiple supply sources.*
- 3. Users operating under the Defense Logistics Management System (DLMS) must reference the Unit of Issue and Purchase Unit Conversion Table and Accounting Classification Appendix 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	BR	Beginning Segment for Material Management	M	1		
Not Used	030	G62	Date/Time	O	10		
LOOP ID - LM						10	
Not Used	040	LM	Code Source Information	O	1		
Not Used	050	LQ	Industry Code	M	100		
LOOP ID - N1						>1	
Must Use	060	N1	Name	O	1		
Not Used	070	N2	Additional Name Information	O	2		
Not Used	080	N3	Address Information	O	2		
Not Used	090	N4	Geographic Location	O	1		
Not Used	100	G61	Contact	O	5		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
LOOP ID - QTY						>1	
Must Use	010	QTY	Quantity	O	1		
Must Use	020	N9	Reference Identification	O	30		

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	030	AT	Financial Accounting	O	>1
Must Use	040	G62	Date/Time	O	30
Not Used	050	DD	Demand Detail	O	100
	060	GF	Furnished Goods and Services	O	1
LOOP ID - LM					10
	070	LM	Code Source Information	O	1
Must Use	080	LQ	Industry Code	M	100
LOOP ID - N1					>1
Must Use	090	N1	Name	O	1
Not Used	100	N2	Additional Name Information	O	2
Not Used	110	N3	Address Information	O	2
Not Used	120	N4	Geographic Location	O	1
Not Used	130	G61	Contact	O	5
Must Use	140	SE	Transaction Set Trailer	M	1

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

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 517 X12.230 Material Obligation Validation Transaction set for verifying the continued need for open orders. Can also be used to confirm open order quantities and request reinstatement of previously cancelled open orders	M ID 3/3
Must Use	ST02	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 <i>A unique number assigned by the originator of the transaction set, or the originator's application program.</i>	M AN 4/9

Segment: **BR** Beginning Segment for Material Management

Position: 020

Loop:

Level: Heading

Usage: Mandatory

Max Use: 1

Purpose: To indicate the beginning of a material management transaction and transmit identifying numbers and dates

- Syntax Notes:**
- 1 If BR05 is present, then BR04 is required.
 - 2 If either BR07 or BR08 is present, then the other is required.
 - 3 If either BR10 or BR11 is present, then the other is required.

- Semantic Notes:**
- 1 BR03 is the date of the transaction set preparation.
 - 2 BR09 is the time of the transaction set preparation

Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	BR01	353	Transaction Set Purpose Code Code identifying purpose of transaction set	M ID 2/2
			00 Original	
			77 Simulation Exercise	
			<i>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.</i>	
Must Use	BR02	640	Transaction Type Code Code specifying the type of transaction	M ID 2/2
			GA Government Furnished Material Inquiry Advice A response from a Material Control Activity (MCA) to a supply source validating the authority to process a requisition as Government Furnished Material under the terms of a stipulated contract	
			<i>Use to respond to a GFM validation inquiry.</i>	
			GI Government Furnished Material Inquiry A request from a supply source to a Material Control Activity (MCA) to validate that a requisition can be processed as Government Furnished Material under the terms of a stipulated contract	
			<i>Use to request the validation of GFM requisitions.</i>	
Must Use	BR03	373	Date Date (YYMMDD)	M DT 6/6
			<i>This date corresponds to the Universal Time Coordinate (UTC).</i>	
Not Used	BR04	67	Identification Code Code identifying a party or other code	X AN 2/20
Not Used	BR05	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67)	O ID 1/2
Not Used	BR06	306	Action Code Code indicating type of action	O ID 1/2
Not Used	BR07	128	Reference Identification Qualifier	X ID 2/3

			Code qualifying the Reference Identification	
Not Used	BR08	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
	BR09	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)	
			<i>1. Express the originating activity's time in UTC.</i>	
			<i>2. Express time in a four-position (HHMM) format.</i>	
Not Used	BR10	128	Reference Identification Qualifier	X ID 2/3
			Code qualifying the Reference Identification	
Not Used	BR11	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	

Segment: **N1** Name
Position: 060
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/N1/060 loop to identify the organization originating the transaction set.*

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 <i>Use one of codes Z4, Z5, or ZK.</i>	M ID 2/2
			Z4 Owing Inventory Control Point An inventory control organization responsible for management of a particular item	
			Z5 Management Control Activity Department of Defense organization that oversees contractor requests for government-owned material to be supplied for use in support of government contracts	
			ZK Reporter <i>Use to identify the organization accomplishing actions on behalf of the customer.</i>	
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
			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 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
Must Use	N106	98	Entity Identifier Code Code identifying an organizational entity, a physical location, or an individual FR Message From <i>Must use with the appropriate 1/N101/060 code to indicate that the organization cited in N104 is</i>	O ID 2/2

originating the transaction set.

Segment: QTY Quantity
Position: 010
Loop: QTY Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
Purpose: To specify quantity information
Syntax Notes:
Semantic Notes:
Comments:
Notes: *Must use this 2/QTY/010 loop to identify the individual GFM transactions and associated quantities.*

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	QTY01	673	Quantity Qualifier Code specifying the type of quantity	M ID 2/2
			38 Original Quantity <i>Use for validation inquiry transactions to identify the quantity cited in the requisition.</i>	
			QA Quantity Approved Quantity allowed by the company processing the claim <i>Use for validation advice transactions to identify the quantity validated and approved for issue.</i>	
			QC Quantity Disapproved <i>Use for validation advice transactions to disapprove the entire quantity cited in the GFM validation inquiry.</i>	
Must Use	QTY02	380	Quantity Numeric value of quantity <i>Express the quantity as a whole number with no decimal.</i>	M R 1/15
	QTY03	C001	Composite Unit of Measure To identify a composite unit of measure (See Figures Appendix for examples of use) <i>Use to identify the unit of issue for the material validated. DLMS and FEDSTRIP users see the Unit of Issue and Purchase Unit Conversion Table for Available codes.</i>	O
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	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 which a measurement has been taken	O ID 2/2
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: **N9** **Reference Identification**

Position: 020

Loop: QTY Optional (Must Use)

Level: Detail

Usage: Optional (Must Use)

Max Use: 30

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:

Notes: *Must use multiple repetitions to identify the material and transaction number associated with the transaction.*

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N901	128	Reference Identification Qualifier Code qualifying the Reference Identification <i>Use one of codes 1I, EQ, FQ, MF, NS, S6, WL, or XD to identify the material associated with the transaction. Must use the National Stock Number (NSN) when known.</i>	M ID 2/3
			1I Department of Defense Identification Code (DoDIC) Qualifies a code that uniquely identifies a type of explosive or ammunition <i>Use to identify ammunition items.</i>	
			EQ Equipment Number <i>Use to identify plant equipment.</i>	
			FQ Form Number <i>Use to identify the form stock number.</i>	
			MF Manufacturers Part Number <i>Use to identify nonstandard material.</i>	
			NS National Stock Number <i>Must use the NSN when known.</i>	
			S6 Stock Number <i>Use to identify the publication stock number.</i>	
			TN Transaction Reference Number <i>Must use to identify the transaction number for each transaction.</i>	
			WL Federal Supply Classification Code <i>Use to identify the FSC for nonstandard material when a part number is not available and material can only be ordered by description (e.g., non-NSN lumber products).</i>	
			XD Subsistence Identification Number Item identifier is a brand-name resale subsistence item <i>Use to identify subsistence items.</i>	
Must Use	N902	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	N903	369	Free-form Description	X AN 1/45

			Free-form descriptive text	
Not Used	N904	373	Date	O DT 6/6
			Date (YYMMDD)	
Not Used	N905	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	N906	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	
	N907	C040	Reference Identifier	O
			To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	
Must Use	C04001	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification	
			PG	Product Group
			<i>Use with N901 code WL to identify the material name or description.</i>	
			W7	Commercial and Government Entity (CAGE) Code
			Code that identifies a commercial contractor authorized to do business with the U.S. Government	
			<i>Use with N901 code MF to uniquely identify a manufacturer's part number.</i>	
			W8	Suffix
			Differentiates between partial actions taken on the original transaction	
			<i>Use with N901 code TN to identify the transaction number suffix.</i>	
Must Use	C04002	127	Reference Identification	M AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
Not Used	C04003	128	Reference Identification Qualifier	X ID 2/3
			Code qualifying the Reference Identification	
Not Used	C04004	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
Not Used	C04005	128	Reference Identification Qualifier	X ID 2/3
			Code qualifying the Reference Identification	
Not Used	C04006	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	

Segment: **AT** Financial Accounting
Position: 030
Loop: QTY Optional (Must Use)
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To transmit financial accounting data
Syntax Notes: 1 If AT10 is present, then AT01 is required.
Semantic Notes:
Comments: 1 AT09 identifies unique local activity financial accounting information.
Notes: 1. *Use multiple repetitions to identify the fund purpose code, appropriations, and/or fund codes for goods, services, and related adjustments.*
2. *DLMS users see the Accounting Classification Data Appendix for specific data entries for AT02, AT07 and AT09.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	AT01	1271	Industry Code Code indicating a code from a specific industry code list <i>Use any code except "CR" or "DR".</i>	X AN 1/30
	AT02	1282	Treasury Symbol Number Number identifying a department, fiscal year, treasury account number, and appropriation limit for a standard accounting classification coding structure <i>Use to identify the basic appropriation number.</i>	O AN 7/21
	AT03	1283	Budget Activity Number Number identifying an administrative subdivision of funds against which a transaction is to be charged for a standard accounting classification coding structure <i>Use to identify the fund code.</i>	O AN 1/16
Not Used	AT04	1284	Object Class Number Number identifying the nature of the goods or services acquired and a specific office or organization using resources for a standard accounting classification coding structure	O AN 3/12
Not Used	AT05	1285	Reimbursable Source Number Number identifying the source of an appropriation or fund reimbursement for a standard accounting classification coding structure	O AN 1/3
Not Used	AT06	1286	Transaction Reference Number Number identifying an original request for goods and services to the matching financial transaction for a standard accounting classification coding structure	O AN 4/20
	AT07	1287	Accountable Station Number Number identifying an office responsible for entering a financial transaction into the applicable accounting system for a standard accounting classification coding structure <i>Use AT07 to identify the Authorized Accounting Activity (AAA)/ Accounting Disbursing Station Number (ADSN)/Fiscal Station Number (FSN).</i>	O AN 3/8
Not Used	AT08	1288	Paying Station Number Number identifying an office responsible for making a payment or collection and the corresponding voucher number under which the action was taken for a standard accounting classification coding structure	O AN 8/14
	AT09	352	Description A free-form description to clarify the related data elements and their content <i>Cite the supplemental accounting classification data.</i>	O AN 1/80
Must Use	AT10	1270	Code List Qualifier Code	O ID 1/3

Code identifying a specific industry code list

FP

Fund Purpose

Segment: **G62** **Date/Time**
Position: 040
Loop: QTY Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
Max Use: 30
Purpose: To specify pertinent dates and times
Syntax Notes:

- 1 At least one of G6201 or G6203 is required.
- 2 If either G6201 or G6202 is present, then the other is required.
- 3 If either G6203 or G6204 is present, then the other is required.

Semantic Notes:
Comments:
Notes: *Must use this 2/G62/040 segment to identify dates associated with the inquiry and reply.*

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	G6201	432	Date Qualifier Code specifying type of date	X ID 2/2
			64 Must Respond By <i>Use to indicate the response due date.</i>	
			BB Transaction Control Date The date when a transaction was prepared <i>Use to indicate the GFM validation request date.</i>	
			BE Validated The date when material obligations were verified <i>Use to indicate the GFM response validation date.</i>	
Must Use	G6202	373	Date Date (YYMMDD)	X DT 6/6
Not Used	G6203	176	Time Qualifier Code specifying the reported time	X ID 1/2
Not Used	G6204	337	Time 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)	X TM 4/8
Not Used	G6205	623	Time Code 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	O ID 2/2
	G6206	624	Century The first two characters in the designation of the year (CCYY)	O N0 2/2

Segment: **GF** **Furnished Goods and Services**
Position: 060
Loop: QTY Optional (Must Use)
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify information related to furnished material, equipment, property, information, and services
Syntax Notes: 1 If either GF01 or GF02 is present, then the other is required.
2 If either GF05 or GF06 is present, then the other is required.
3 If either GF08 or GF09 is present, then the other is required.
Semantic Notes: 1 GF04 is the value of government-furnished property.
Comments:
Notes: 1. Use in validation inquiry transactions only.
2. Use either the Manufacturing Directive Number (MDN) or contract number (but not both) to identify the procurement source from which the commercial contractor is authorized to requisition material from DoD inventories.

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
GF01	128	Reference Identification Qualifier Code qualifying the Reference Identification W3 Manufacturing Directive Number Identifies the Management Control Activity and contract associated with government furnished material transactions	X ID 2/3
GF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
GF03	367	Contract Number Contract number	O AN 1/30
Not Used	GF04	782 Monetary Amount Monetary amount	O R 1/15
Not Used	GF05	128 Reference Identification Qualifier Code qualifying the Reference Identification	X ID 2/3
Not Used	GF06	127 Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
GF07	328	Release Number Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction Use to identify the call or order number, or the call or order number including the respective call or order modification number when using GF03.	O AN 1/30
Not Used	GF08	128 Reference Identification Qualifier Code qualifying the Reference Identification	X ID 2/3
Not Used	GF09	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: 070
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: *Must use the 2/LM/070 loop to identify coded information maintained in department or agency documentation.*

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	LM01	559	Agency Qualifier Code Code identifying the agency assigning the code values DF Department of Defense (DoD)	M ID 2/2
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: 080
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

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	LQ01	1270	Code List Qualifier Code Code identifying a specific industry code list <i>Use either Code 80 or 81 in validation advice transactions. Use only Code 81 in validation inquiry transactions.</i>	O ID 1/3
			0 Document Identification Code Codes that subclassify a transaction	
			78 Project Code Codes that relate a transaction to special programs, exercises, projects, operations, or other purposes	
			79 Priority Designator Code The priority of a transaction	
			80 Advice Code Instructions to transaction recipients when narratives cannot be transmitted	
			81 Status Code Informs appropriate recipients about the status of a transaction or excess report	
			A9 Supplementary Address Identifies the originating organization's unique logistics information	
			AK Distribution Code Code identifying activities eligible to receive additional status	
			DE Signal Code	
			DF Media and Status Code	
Must Use	LQ02	1271	Industry Code Code indicating a code from a specific industry code list	X AN 1/30

Segment: **N1** Name
Position: 090
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/N1/090 loop to identify the organization to receive the transaction set.*

Data Element Summary

	Ref.	Data		
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N101	98	Entity Identifier Code	M ID 2/2
			Code identifying an organizational entity, a physical location, or an individual	
			Z4	Owning Inventory Control Point
				An inventory control organization responsible for management of a particular item
			Z5	Management Control Activity
				Department of Defense organization that oversees contractor requests for government-owned material to be supplied for use in support of government contracts
			ZK	Reporter
				<i>Use to identify the organization accomplishing actions on behalf of the customer.</i>
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	
	N106	98	Entity Identifier Code	O ID 2/2
			Code identifying an organizational entity, a physical location, or an individual	
			TO	Message To
				<i>Must use with the appropriate 2/N101/090 code to indicate the organization cited in N104 is receiving the transaction.</i>

Segment: **SE** Transaction Set Trailer

Position: 140

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>
Must Use	SE01	96	Number of Included Segments Total number of segments included in a transaction set including ST and SE segments	M N0 1/10
Must Use	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 <i>Cite the same number as the one cited in ST02.</i>	M AN 4/9

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