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NIST PUBLICATIONS

NIST Special Publication 881-70

Federal Implementation Guideline for Electronic Data Interchange

ASC X12 003060 Transaction Set 511R Requisition

Implementation Convention

U.S. DEPARTMENT OF COMMERCE
Technology Administration
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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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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.

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511 Requisition

Functional Group ID=RN

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Requisition Transaction Set (511) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to requisition needed material and equipment from a supply distribution system for immediate consumption or stockage against projected requirements. The originator can also use this transaction set to inquire about the status of, amend, or terminate the original requisition. This transaction set may be used to convey a description and quantity of the required material, delivery and billing information, and other logistics information necessary to evaluate and meet the material needs of the originator. This transaction set is not used to establish a contractual relationship between trading partners, and may precede the use of a purchase order.

Notes:

1. Organizations use this transaction set to order items of supply, to refer transactions to another supply source for processing, and to transmit misrouted transactions between supply sources.

2. Requisitions for material to be provided as Government Furnished Material (GFM) to commercial contractors, requisitions for excess government owned plant property, and requisitions from foreign governments for material to be provided in support of Security Assistance (SA) contain distinguishing requirements which do not apply to non-GFM or non-SA requisitions.

3. Use a single occurrence of this transaction set to transmit single or multiple requisitions to one or more supply sources.

4. A single transaction set may contain a combination of requisitions for standard and nonstandard material.

5. Users operating under the Defense Logistics Management System (DLMS) must reference the Unit of Issue and Purchase Unit Conversion Table and the 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		
Not Used	040	NTE	Note/Special Instruction	O	10		
			LOOP ID - LM			50	
Not Used	050	LM	Code Source Information	O	1		n1
Not Used	060	LQ	Industry Code	M	100		
			LOOP ID - N1			20	
Must Use	070	N1	Name	M	1		n2
Not Used	080	N2	Additional Name Information	O	2		
Not Used	090	N3	Address Information	O	2		
Not Used	100	N4	Geographic Location	O	1		
	110	G61	Contact	O	5		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - LX			>1	
Must Use	010	LX	Assigned Number	O	1		
Must Use	020	N9	Reference Identification	M	>1		
Must Use	030	PO1	Baseline Item Data	O	>1		
	040	AT	Financial Accounting	O	>1		
Not Used	050	PWK	Paperwork	O	1		
	060	DD	Demand Detail	O	100		
	070	GF	Furnished Goods and Services	O	1		
	080	G62	Date/Time	O	20		
Not Used	090	MAN	Marks and Numbers	O	5		
	100	LIN	Item Identification	O	>1		
	105	MEA	Measurements	O	>1		
	110	G69	Line Item Detail - Description	O	>1		
	120	NTE	Note/Special Instruction	O	>1		
			LOOP ID - LM			50	
Must Use	130	LM	Code Source Information	O	1		
Must Use	140	LQ	Industry Code	M	100		
			LOOP ID - QTY			>1	
Not Used	150	QTY	Quantity	O	1		n3
			LOOP ID - LM			50	
Not Used	160	LM	Code Source Information	O	1		
Not Used	170	LQ	Industry Code	M	100		
			LOOP ID - N1			I00	
Must Use	180	N1	Name	O	1		n4
	190	N2	Additional Name Information	O	2		
	200	N3	Address Information	O	2		
	210	N4	Geographic Location	O	1		
Not Used	215	G61	Contact	O	5		
			LOOP ID - REF			>1	
	220	REF	Reference Identification	O	1		n5
Not Used	230	G62	Date/Time	O	10		
	240	N9	Reference Identification	O	>1		
	250	N1	Name	O	1		
Not Used	260	R4	Port	O	1		
			LOOP ID - LM			50	
Not Used	270	LM	Code Source Information	O	1		
Not Used	280	LQ	Industry Code	M	100		
Must Use	290	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. The LM loop identifies logistic data common to the entire transaction set.
2. The N1 loop identifies name and or address information common to the entire transaction set.
3. Each iteration of the QTY loop qualifies a portion of the total quanity ordered with particular logistics information codes.

4. The N1 loop identifies the name and address information unique to each use of the LX loop.
5. The REF loop conveys serial and lot number inventory data.

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** Code uniquely identifying a Transaction Set 511 X12.225 Requisition Transaction set for ordering equipment and material from a supply distribution system; this can also be used to inquire about, amend, or terminate the original order	**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 ***A unique number assigned by the originator of the transaction set, or the originator's application program.***	**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

	Ref. Des.	Data Element	Name	Attributes
Must Use	**BR01**	**353**	**Transaction Set Purpose Code** Code identifying purpose of transaction set 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 trausaction set recipients must use extreme caution to ensure that individual transactions do not process as action documents which affect accountable records.***	**M ID 2/2**
Must Use	**BR02**	**640**	**Transaction Type Code** Code specifying the type of transaction A0 Requisition A request for equipment or material ***Use to indicate the transaction set contains oue or more requisitious.*** BM Requisition Passing Order An order passing an erroneously routed requisition to the appropriate source of supply ***Use to indicate the transaction set contains one or more passing orders.*** BN Requisition Referral Order An order forwarding a requisition to another source of supply when the original source cannot provide the requested material ***Use to iudicate the transaction set coutains oue or more referral orders.***	**M ID 2/2**
Must Use	**BR03**	**373**	**Date** Date (YYMMDD) ***This date corresponds to the Universal Time Coordinate (UTC).***	**M DT 6/6**
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** Code qualifying the Reference Identification	**X**	**ID 2/3**
Not Used	**BR08**	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	**X**	**AN 1/30**
Must Use	**BR09**	**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) ***1. Express the originating activity's time in UTC.*** ***2. Express time in a four-position (HHMM) format.***	**O**	**TM 4/8**
Not Used	**BR10**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification	**X**	**ID 2/3**
Not Used	**BR11**	**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: **N1** **Name**
Position: 070
Loop: N1 Mandatory
Level: Heading
Usage: Mandatory
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/N1/070 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 ***Use only one of codes OB or ZL.*** OB — Ordered By ***Use in requisitions to identify the requisitioner.*** ZL — Party Passing the Transaction The party forwarding a transaction ***Use in passing orders and referral orders to identify the organization forwarding the transaction for further processing.***	**M ID 2/2**
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) 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) A2 — Military Assistance Program Address Code (MAPAC) Contained in the Military Assistance Program Address Directory (MAPAD); represents the location of an entity ***Use to indicate the Security Assistance (SA) structured address data. Interpretation of this data may require additional codes cited elsewhere in the transaction.*** 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	**X ID 1/2**
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**	**O ID 2/2**

Code identifying an organizational entity, a physical location, or an individual

FR	Message From ***Must use with the appropriate 1/N101/070 code to indicate the organization cited in N104 is originating the transaction set.***

Segment: **G61** **Contact**
Position: 110
Loop: N1 Mandatory
Level: Heading
Usage: Optional
Max Use: 5
Purpose: To identify a person or office to whom communications should be directed
Syntax Notes: 1 If either G6103 or G6104 is present, then the other is required.
Semantic Notes:
Comments: 1 G6103 qualifies G6104.
Notes: ***1. Use under exceptional circumstances when requiring direct communication with the party originating the transaction set.***

2. Use multiple repetitions to identify multiple points of contact or communication numbers. When using multiple repetitions to identify different communication numbers for a single point of contact, repeat the name cited in G6102.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**G6101**	**366**	**Contact Function Code** Code identifying the major duty or responsibility of the person or group named AA Authorized Representative ***Use to identify the individual who authorized the requisition.*** IC Information Contact ***Use to identify the point of contact.***	**M ID 2/2**
Must Use	**G6102**	**93**	**Name** Free-form name ***Provide the last name, first name, middle initial and rate/rank/title, as required, of the individual named as point of contact. Include blank spaces between name components and periods after initials. Do not include NMN or NMI when a middle initial is not available.***	**M AN 1/35**
Must Use	**G6103**	**365**	**Communication Number Qualifier** Code identifying the type of communication number ***1. Use to identify the preferred method of communication in the first repetition. Use additional repetitions when identifying alternate communication methods.*** ***2. Do not include blank spaces, dashes or parentheses between numbers.*** AU Defense Switched Network Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON) ***Use to identify the DSN telephone number.*** EM Electronic Mail EX Telephone Extension ***Use immediately following codes AU, IT or TE to identify a telephone extension.*** FX Facsimile ***Use to identify the facsimile (FAX) telephone number.*** IT International Telephone ***Include country and city code.*** TE Telephone	**X ID 2/2**

				Use to identify the commercial telephone number. Include the area code and number.		
			TL	Telex		
			TX	TWX		
Must Use	**G6104**	**364**	**Communication Number**		**X**	**AN 1/80**
			Complete communications number including country or area code when applicable			
	G6105	**443**	**Contact Inquiry Reference**		**O**	**AN 1/20**
			Additional reference number or description to clarify a contact number			
			Use to indicate the office symbol or activity code for the party identified.			

Segment: **LX** **Assigned Number**
Position: 010
Loop: LX Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
Purpose: To reference a line number in a transaction set
Syntax Notes:
Semantic Notes:
Comments:
Notes: ***Use as a counter to identify the number of 2/LX/010 loop iterations in the transaction set.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**LX01**	**554**	**Assigned Number** Number assigned for differentiation within a transaction set ***In the first 2/LX/010 loop iteration, cite numeric 1. In each subsequent loop iteration, increase incrementally by 1.***	**M N0 1/6**

Segment: **N9** **Reference Identification**
Position: 020
Loop: LX Optional (Must Use)
Level: Detail
Usage: Mandatory
Max Use: >1
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:

1. Use to identify the transaction number. The transaction number defines each requisition included in the transaction set. The composition of each transaction number within the 511 transaction set is as follows: (1) the DoDAAC (or Security Assistance (SA) identification data), (2) a four position date consisting of the last digit of the calendar year and the ordinal day of the calendar year, and (3) the requisition serial number.

2. For Military Assistance Program/Grant Aid (MAP/GA) transactions, the SA identification data is a six position number consisting of Service Assignment Code in the first position, Country or International Organization Code in the second and third positions, Customer-Within-Country Code in the fourth position, zero in the fifth position, and Type of Assistance and Financing Code in the sixth position.

3. For Foreign Military Sales (FMS) transactions, the SA identification data is a six position number consisting of Service Assignment Code in the first position, Country or International Organization Code in the second and third positions, Customer-Within-Country Code in the fourth position, Delivery Terms Code in the fifth position, and Type of Assistance and Financing Code in the sixth position. For Canada only, identify the customer-within-country with a two position code in the fourth and fifth positions.

4. Use additional repetitions to identify ancillary information related to the requisition.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**N901**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification	**M ID 2/3**
			3H — Case Number ***Use to identify the case number of unique excess plant property. This number, in conjunction with the Schedule Reference Number and Line Item Control Number in N907, establishes a digital reference number to completely identify the excess plant property. Use only when requisitioning excess plant property from the Defense Contract Management Command (DCMC).***	
			TN — Transaction Reference Number ***Must use to identify the transaction number of the requisition.***	
			W6 — Federal Supply Schedule Number Identifies an item with a two-digit group number, two-digit part number, and one-character section letter	

			WO	Work Order Number Number assigned for work including material and labor beyond normal work required to fulfill a service order ***Use to identify a maintenance work order number.***	
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** Free-form descriptive text	**X**	**AN 1/45**
Not Used	**N904**	**373**	**Date** Date (YYMMDD)	**O**	**DT 6/6**
Not Used	**N905**	**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	**N906**	**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**
	N907	**C040**	**Reference Identifier** To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	**O**	
Must Use	**C04001**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification	**M**	**ID 2/3**
			43	Supporting Document Number Supports or clarifies information and values represented in a document ***Use N901 code TN to identify the Special Program Requirement (SPR) transaction number and establish an audit trail between the draw-down requisition and the original SPR against which the requirement was established.***	
			72	Schedule Reference Number Identifies a number for a program schedule (for example, a logic type of network) or working schedule to complete a specific task or set of tasks ***Use with N901 code 3H to identify the excess plant property reference number.***	
			IX	Item Number ***Use with N901 code W6 to indicate the Federal Supply Schedule Special Item Number.***	
			SS	Split Shipment Number	
			W1	Defense Turn-In Document Number Identifies material submitted for reutilization and marketing ***Use with N901 code TN to identify the transaction number under which material was shipped to a Defense Reutilization and Marketing Office (DRMO). Use only when requisitioning material from the Defense Reutilization and Marketing Service (DRMS).***	
			W8	Suffix Differentiates between partial actions taken on the original transaction ***Use with N901 code TN to identify the transaction***	

			number suffix. Use is limited to a requisition referred to another supply source for a quantity less than the original requisitioned quantity.		
Must Use	**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**
	C04003	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification FJ — Line Item Control Number A unique number assigned to each charge line used for tracking purposes ***Use with N901 code 3H to identify the excess plant property reference number.*** SS — Split Shipment Number ***Use with N907-1 code W1 to identify the Disposal Turn-In Document (DTID) transaction number suffix.***	**X**	**ID 2/3**
	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**
	C04005	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification	**X**	**ID 2/3**
	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: **PO1** **Baseline Item Data**
Position: 030
Loop: LX Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
Max Use: >1
Purpose: To specify basic and most frequently used line item data
Syntax Notes:
1 If PO103 is present, then PO102 is required.
2 If PO105 is present, then PO104 is required.
3 If either PO106 or PO107 is present, then the other is required.
4 If either PO108 or PO109 is present, then the other is required.
5 If either PO110 or PO111 is present, then the other is required.
6 If either PO112 or PO113 is present, then the other is required.
7 If either PO114 or PO115 is present, then the other is required.
8 If either PO116 or PO117 is present, then the other is required.
9 If either PO118 or PO119 is present, then the other is required.
10 If either PO120 or PO121 is present, then the other is required.
11 If either PO122 or PO123 is present, then the other is required.
12 If either PO124 or PO125 is present, then the other is required.

Semantic Notes:
Comments:
1 See the Data Element Dictionary for a complete list of IDs.
2 PO101 is the line item identification.
3 PO106 through PO125 provide for ten different product/service IDs per each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Notes: ***Must use this 2/PO1/030 segment to identify the material and other information required to process the requisition.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Not Used	PO101	350	**Assigned Identification** Alphanumeric characters assigned for differentiation within a transaction set	O AN 1/20
Must Use	PO102	330	**Quantity Ordered** Quantity ordered ***1. Must use to identify the requisitioned quantity.*** ***2. Express as a whole number with no decimal.***	X R 1/9
Must Use	PO103	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 ***Use to identify the unit of issue for the material requisitioned. DLMS users see the DLMS Unit of Issue and Purchase Unit Conversion Table for available codes.***	O ID 2/2
	PO104	212	**Unit Price** Price per unit of product, service, commodity, etc. ***Use for nonstandard and nonreimbursable material. For nonstandard material, express the estimated dollar amount in whole dollars. Do not include decimals or cents. For nonreimbursable material, indicate 0 dollars.***	X R 1/17
	PO105	639	**Basis of Unit Price Code** Code identifying the type of unit price for an item ***Use for nonstandard and nonreimbursable material. For nonstandard material, use to identify an estimated unit price.*** ES Estimated ***Use to indicate an estimated unit price for the nonstandard material.*** NC No Charge	O ID 2/2

Use to indicate nonreimbursable material.

Must Use	**PO106**	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Use only one of codes A1, A2, A4, FB, FS, FT, MG, or YP to identify the material requisitioned. Must use the National Stock Number (NSN) when known, except, when appropriate, for brand name subsistence items identified by a Subsistence Identification Number.

A1	Plant Equipment Number Item identifier is a plant equipment number ***Use to identify plant equipment.***
A2	Department of Defense Identification Code (DoDIC) Qualifies a code that uniquely identifies a type of explosive or ammunition ***Use to identify ammunition items.***
A4	Subsistence Identification Number Item identifier is a brand-name resale subsistence item ***Use to identify subsistence items.***
FB	Form Number ***Use to identify the form stock number.***
FS	National Stock Number
FT	Federal Supply Classification ***Use to identify the FSC of the nonstandard material when a part number is not available and material can only be ordered by description (e.g., non-NSN lumber products).***
MG	Manufacturer's Part Number ***Use to identify nonstandard material.***
YP	Publication Number ***Use to identify the publication stock number.***

Must Use	**PO107**	**234**	**Product/Service ID**	**X**	**AN 1/40**

Identifying number for a product or service

	PO108	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

1. Use only one of codes CN or ZB to fully identify the material.

2. Use PO110 and PO111 when both one of CN or ZB and JP is needed.

CN	Commodity Name ***Use only with PO106 code FT to identify the material name or description.***
JP	Package Type Code Packaging method used for manufacturer product ***Must use to indicate Outside Continental United States (OCONUS) shipment. When used, the paired data element 234 will cite 1 indicating that packaging must meet OCONUS specifications.***
ZB	Commercial and Government Entity (CAGE) Code A code that identifies a commercial contractor authorized to do business with the U.S. government ***Use only with PO106 code MG to identify a manufacturer's part number.***

	PO109	**234**	**Product/Service ID**	**X**	**AN 1/40**

			Identifying number for a product or service		
	PO110	**235**	**Product/Service ID Qualifier** Code identifying the type/source of the descriptive number used in Product/Service ID (234)	**X**	**ID 2/2**
	PO111	**234**	**Product/Service ID** Identifying number for a product or service	**X**	**AN 1/40**
Not Used	**PO112**	**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	**PO113**	**234**	**Product/Service ID** Identifying number for a product or service	**X**	**AN 1/40**
Not Used	**PO114**	**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	**PO115**	**234**	**Product/Service ID** Identifying number for a product or service	**X**	**AN 1/40**
Not Used	**PO116**	**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	**PO117**	**234**	**Product/Service ID** Identifying number for a product or service	**X**	**AN 1/40**
Not Used	**PO118**	**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	**PO119**	**234**	**Product/Service ID** Identifying number for a product or service	**X**	**AN 1/40**
Not Used	**PO120**	**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	**PO121**	**234**	**Product/Service ID** Identifying number for a product or service	**X**	**AN 1/40**
Not Used	**PO122**	**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	**PO123**	**234**	**Product/Service ID** Identifying number for a product or service	**X**	**AN 1/40**
Not Used	**PO124**	**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	**PO125**	**234**	**Product/Service ID** Identifying number for a product or service	**X**	**AN 1/40**

Segment: **AT** **Financial Accounting**
Position: 040
Loop: LX 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 code for goods, services, and related adjustments.***

2. DLMS users see the Accounting Classification Appendix 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 ***Use any code except "CR" or "DR".***	**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 ***Use to identify the basic appropriation number.***	**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 ***Use to identify the fund code.***	**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 ***Use AT07 to identify the Authorized Accounting Activity (AAA)/Accounting Disbursing Station Number (ADSN)/Fiscal Station Number (FSN).***	**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 ***Cite supplemental accounting classification data.***	**O**	**AN 1/80**
Must Use	**AT10**	**1270**	**Code List Qualifier Code** Code identifying a specific industry code list	**O**	**ID 1/3**

FP	Fund Purpose

Segment: **DD** **Demand Detail**
Position: 060
Loop: LX Optional (Must Use)
Level: Detail
Usage: Optional
Max Use: 100
Purpose: To describe the type of demand and the intended use of material
Syntax Notes:
1 If DD02 is present, then DD01 is required.
2 If any of DD03 DD04 or DD05 is present, then all are required.
3 If DD06 is present, then DD05 is required.
4 If DD10 is present, then DD09 is required.
Semantic Notes:
1 DD08 transmits the stock level indicator. A "Y" indicates that the material is normally carried in stock; an "N" indicates that the material is not normally stocked.
Comments:
Notes:

1. Use to convey the demand code associated with the requisition and, as appropriate, to identify the applicable weapon system for which the item is being requisitioned.

2. As an option, use multiple repetitions to stratify the quantity requisitioned by weapon system and associated demand code. The total quantity identified in all repetitions must equal the quantity in PO102.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**DD01**	**1271**	**Industry Code** Code indicating a code from a specific industry code list	**X AN 1/30**
Must Use	**DD02**	**1270**	**Code List Qualifier Code** Code identifying a specific industry code list 74 Demand Code Identifies whether or not a material demand is recurring	**O ID 1/3**
	DD03	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification W2 Weapon System Number Identifies a weapon system ***Use to identify the applicable weapon system designator code.***	**X ID 2/3**
	DD04	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	**X AN 1/30**
	DD05	**1271**	**Industry Code** Code indicating a code from a specific industry code list ***Use to identify the Service associated with the weapon system for which this demand is reported.***	**X AN 1/30**
	DD06	**1270**	**Code List Qualifier Code** Code identifying a specific industry code list 71 Service and Agency Code Military services, defense agencies, and certain civilian agencies of the United States Government ***Use to identify the Service/Agency code associated with the stratified demand data.***	**O ID 1/3**
	DD07	**380**	**Quantity** Numeric value of quantity ***Use to identify the quantity associated with the weapon system and associated demand code.***	**O R 1/15**

DD08	**1073**	**Yes/No Condition or Response Code**	**O**	**ID 1/1**
		Code indicating a Yes or No condition or response		
		N No		
		Y Yes		
DD09	**1271**	**Industry Code**	**X**	**AN 1/30**
		Code indicating a code from a specific industry code list		
DD10	**1270**	**Code List Qualifier Code**	**O**	**ID 1/3**
		Code identifying a specific industry code list		
		98 Reason for Requisitioning Code		
		Explains why material is needed		

Segment: **GF** **Furnished Goods and Services**
Position: 070
Loop: LX 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 all GFM-related transactions.

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. Des.	Data Element	Name	Attributes
	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, as applicable, 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: **G62** **Date/Time**
Position: 080
Loop: LX Optional (Must Use)
Level: Detail
Usage: Optional
Max Use: 20
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: ***Use multiple repetitions to identify unique dates or delivery periods associated with the requisitioner's requirements.***

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	G6201	432	**Date Qualifier**		X ID 2/2
			Code specifying type of date		
			53	Deliver Not Before Date ***Use to identify the earliest acceptable delivery date for the material requisitioned. For conventional ammunition requirements, it defines the earliest acceptable delivery date for the required delivery period.***	
			54	Deliver No Later Than Date ***Use to identify the latest acceptable delivery date for the material requisitioned. For conventional ammunition requirements, it defines the latest acceptable delivery date for the required delivery period.***	
			85	Date Issued ***Use only when requisitioning nonstandard material. Cite the effective date of the drawing number (when only using code PT) or the drawing revision number (when using code DR with code PT) identified in 2/LIN01/100.***	
			BC	Publication Date The date when a document was published ***Use only when requisitioning nonstandard material to cite the manufacturer's catalog publication date when a catalog is identified in the 2/LIN/100 segment.***	
			BD	Required By The date when material is required to be on a site available for use ***For FMS and MAP/GA requirements, use to identify the required availability date. For all other uses, it is the required delivery date.***	
			LD	Last Demand The date when the last request for material was recorded ***Use when transmitting misrouted requisition or when referring a requisition to another supply source to identify the date of receipt of the requisition as recorded by the initial supply source in the supply***	

			distribution system; otherwise, do not use.		
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: **LIN** **Item Identification**
Position: 100
Loop: LX Optional (Must Use)
Level: Detail
Usage: Optional
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: ***1. Use to provide a detailed description of the nonstandard material identified in PO106 with code FT or MG. Use with the MEA, G62 (2/LX/010 loop, position 080), N1 (2/N1/180 loop), and G69 segments to fully identify the nonstandard material.***

2. Use data element 235/234 pairs to identify data pertinent to the transaction. Present the information in any sequential order. Unless otherwise specified, the multiple codes listed for a single qualifier data element identify the range of possible data requirements. When needed, use the next available combination of data element 235/234 pairs to provide the necessary data.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Not Used	**LIN01**	**350**	**Assigned Identification** Alphanumeric characters assigned for differentiation within a transaction set	**O AN 1/20**
Must Use	**LIN02**	**235**	**Product/Service ID Qualifier** Code identifying the type/source of the descriptive number used in Product/Service ID (234) AB Assembly ***Use to identify the assembly associated with the material.*** BH Finish/Hand Standard Reference Fabrics can be finished in many types of finish: water repellent, Scotch Guard, etc.; within each finish a mill can create a degree of softness or hardness depending on how fabric should feel to the customer; this degree is assigned a reference number for reordering purposes ***Use to identify the fabric of the nonstandard material ordered under Federal Supply Schedule.*** CL Color CN Commodity Name	**M ID 2/2**

	Use to identify the nomenclature of the nonstandard material.
CR	Contract Number
	Use when specifying a Federal Supply Schedule contract number.
DR	Drawing Revision Number
F1	Catalog Number
	Item identifier specifies a manufacturer's catalog that applies to an item
	Use to identify the manufacturer's catalog which references the nonstandard material. Cite the effective catalog publication date, if applicable, in the 2/G62/080 segment.
F2	Technical Order Number
	Item identifier specifies a technical order that applies to an item
F3	Technical Manual Number
	Item identifier specifies the technical manual listing the item
F4	Series Identifier
	An identification of equipments having the same basic design but not necessarily identical configurations (within the equipment model)
	Use to identify the manufacturer's series number of the nonstandard material.
F7	End-Item Description
	Item identifier describes an end-item associated with the use of the required material
	Use to identify the applicable end item which applies to the nonstandard material. Description may include the NSN and/or nomenclature.
GS	General Specification Number
	Use to identify a specification number, other than a Military Specification (MILSPEC), associated with the nonstandard material.
MF	Manufacturer
	Use to identify the manufacturer's make of the applicable end item for the nonstandard material.
MN	Model Number
	Use to identify the manufacturer's model number of the nonstandard material.
MS	Military Specification (MILSPEC) Number
PR	Process Number
	Use to identify a general operating specification which cannot be identified by use of the 2/MEA/105 segment. For example, the MEA use is primarily to identify physical sizes and dimensions of nonstandard material. Code PR use is to indicate specifications similar to output rated wattage and horsepower.
PT	Print or Drawing
	Use to identify the applicable drawing numbers for the nonstandard material.
PW	Part Drawing
	Use to identify the applicable figure numbers for the nonstandard material.

			SF	Surface Finish ***Use to identify the finish of the nonstandard material ordered under Federal Supply Schedule.***	
			SN	Serial Number ***Use to identify the manufacturer's serial number of the nonstandard material.***	
			VN	Vendor's (Seller's) Item Number	
			YP	Publication Number ***Use to identify publications or catalogs.***	
Must Use	**LIN03**	**234**	**Product/Service ID** Identifying number for a product or service	**M**	**AN 1/40**
	LIN04	**235**	**Product/Service ID Qualifier** Code identifying the type/source of the descriptive number used in Product/Service ID (234)	**X**	**ID 2/2**
	LIN05	**234**	**Product/Service ID** Identifying number for a product or service	**X**	**AN 1/40**
	LIN06	**235**	**Product/Service ID Qualifier** Code identifying the type/source of the descriptive number used in Product/Service ID (234)	**X**	**ID 2/2**
	LIN07	**234**	**Product/Service ID** Identifying number for a product or service	**X**	**AN 1/40**
	LIN08	**235**	**Product/Service ID Qualifier** Code identifying the type/source of the descriptive number used in Product/Service ID (234)	**X**	**ID 2/2**
	LIN09	**234**	**Product/Service ID** Identifying number for a product or service	**X**	**AN 1/40**
	LIN10	**235**	**Product/Service ID Qualifier** Code identifying the type/source of the descriptive number used in Product/Service ID (234)	**X**	**ID 2/2**
	LIN11	**234**	**Product/Service ID** Identifying number for a product or service	**X**	**AN 1/40**
	LIN12	**235**	**Product/Service ID Qualifier** Code identifying the type/source of the descriptive number used in Product/Service ID (234)	**X**	**ID 2/2**
	LIN13	**234**	**Product/Service ID** Identifying number for a product or service	**X**	**AN 1/40**
	LIN14	**235**	**Product/Service ID Qualifier** Code identifying the type/source of the descriptive number used in Product/Service ID (234)	**X**	**ID 2/2**
	LIN15	**234**	**Product/Service ID** Identifying number for a product or service	**X**	**AN 1/40**
	LIN16	**235**	**Product/Service ID Qualifier** Code identifying the type/source of the descriptive number used in Product/Service ID (234)	**X**	**ID 2/2**
	LIN17	**234**	**Product/Service ID** Identifying number for a product or service	**X**	**AN 1/40**
	LIN18	**235**	**Product/Service ID Qualifier** Code identifying the type/source of the descriptive number used in Product/Service ID (234)	**X**	**ID 2/2**
	LIN19	**234**	**Product/Service ID** Identifying number for a product or service	**X**	**AN 1/40**
	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)		
LIN21	**234**	**Product/Service ID**	**X**	**AN 1/40**
		Identifying number for a product or service		
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)		
LIN23	**234**	**Product/Service ID**	**X**	**AN 1/40**
		Identifying number for a product or service		
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)		
LIN25	**234**	**Product/Service ID**	**X**	**AN 1/40**
		Identifying number for a product or service		
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)		
LIN27	**234**	**Product/Service ID**	**X**	**AN 1/40**
		Identifying number for a product or service		
LIN28	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
LIN29	**234**	**Product/Service ID**	**X**	**AN 1/40**
		Identifying number for a product or service		
LIN30	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
LIN31	**234**	**Product/Service ID**	**X**	**AN 1/40**
		Identifying number for a product or service		

Segment: **MEA** **Measurements**
Position: 105
Loop: LX Optional (Must Use)
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)
Syntax Notes:
1 At least one of MEA03 MEA05 MEA06 or MEA08 is required.
2 If MEA05 is present, then MEA04 is required.
3 If MEA06 is present, then MEA04 is required.
4 If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required.
5 Only one of MEA08 or MEA03 may be present.
Semantic Notes:
1 MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.
Comments:
1 When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.
Notes: ***Use multiple repetitions to identify any measurements/dimensions related to the nonstandard material identified in PO106 only with code FT or MG.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Not Used	**MEA01**	**737**	**Measurement Reference ID Code** Code identifying the broad category to which a measurement applies	**O ID 2/2**
Must Use	**MEA02**	**738**	**Measurement Qualifier** Code identifying a specific product or process characteristic to which a measurement applies ***Use to identify the specific dimension/measurement quantified in MEA03 and MEA04.***	**O ID 1/3**

DI	Diameter
DN	Density
DP	Depth
FQ	Frequency
G	Gross Weight
GL	Gloss
HT	Height
ID	Inside Diameter
LN	Length
LPR	Line Pressure Fluid pressure of the production line between the well and the separator unit or gathering line
MD	Measurement Voltage The reference voltage level on AC waveforms for determining AC performance
OD	Outside Diameter
PB	Pressure
TF	Tensile
TH	Thickness
UCB	Cube The external cubic dimensions of a specified product
VO	Voltage
VOL	Volume

			WD	Width
			WT	Weight
Must Use	**MEA03**	**739**	**Measurement Value**	**X R 1/20**
			The value of the measurement	
Must Use	**MEA04**	**C001**	**Composite Unit of Measure**	**X**
			To identify a composite unit of measure (See Figures Appendix for examples of use)	
			Use to identify the value of the units expressed in MEA03. For example, if the height of the nonstandard material was six feet, cite 6 in MEA03 and FT in MEA04.	
Must Use	**C00101**	**355**	**Unit or Basis for Measurement Code**	**M ID 2/2**
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			2G	Volts (Alternating Current)
				Measure of electrical potential
			2H	Volts (Direct Current)
				Measure of electrical potential
			2I	British Thermal Units (BTUs) Per Hour
				British thermal units per hour
			2N	Decibels
				A unit for expressing the relative intensity of sounds on a scale of 0 for the least perceptible sound to about 130 for the average pain level
			70	Volt
			82	Ohm
				Unit of resistance
			AD	Bytes
				Number of bytes of data transmitted
			AZ	British Thermal Units (BTUs) per Pound
			B0	British Thermal Units (BTUs) per Cubic Foot
			B7	Cycles
			CI	Cubic Inches
			CM	Centimeter
			CR	Cubic Meter
			CY	Cubic Yard
			FT	Foot
			GA	Gallon
			HJ	Horsepower
			IN	Inch
			KG	Kilogram
			LB	Pound
			LT	Liter
			MR	Meter
			OZ	Ounce - Av
			P1	Percent
			P2	Pounds per Foot
			PT	Pint
			QT	Quart
			R4	Calorie
				The amount of heat it takes to raise the temperature of one gram of water one degree Centigrade at a pressure

		of one atmosphere
	SF	Square Foot
	SM	Square Meter
	SY	Square Yard
	TG	Gross Ton
	TN	Net Ton (2,000 LB).
	VT	Voltage
	WT	Wattage
	YD	Yard

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**
Not Used	**MEA05**	**740**	**Range Minimum** The value specifying the minimum of the measurement range	**X**	**R 1/20**
Not Used	**MEA06**	**741**	**Range Maximum** The value specifying the maximum of the measurement range	**X**	**R 1/20**
Not Used	**MEA07**	**935**	**Measurement Significance Code** Code used to benchmark, qualify or further define a measurement value	**O**	**ID 2/2**
Not Used	**MEA08**	**936**	**Measurement Attribute Code** Code used to express an attribute response when a numeric measurement value cannot be determined	**X**	**ID 2/2**
Not Used	**MEA09**	**752**	**Surface/Layer/Position Code** Code indicating the product surface, layer or position that is being described	**O**	**ID 2/2**
Not Used	**MEA10**	**1373**	**Measurement Method or Device** The method or device used to record the measurement	**O**	**ID 2/4**

Segment: **G69** **Line Item Detail - Description**
Position: 110
Loop: LX Optional (Must Use)
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To describe an item in free-form format
Syntax Notes:
Semantic Notes:
Comments:
Notes: ***Use to describe nonstandard material identified in PO106 only with code FT or MG when the 2/LIN/100 and 2/MEA/105 segments do not provide adequate descriptive capability. Use multiple repetitions to provide the narrative descriptive information.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**G6901**	**369**	**Free-form Description** Free-form descriptive text	**M AN 1/45**

Segment: **NTE** **Note/Special Instruction**
Position: 120
Loop: LX Optional (Must Use)
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To transmit information in a free-form format, if necessary, for comment or special instruction
Syntax Notes:
Semantic Notes:
Comments: 1 The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.
Notes: ***Use to identify exception data associated with the transaction. Use during extraordinary situations requiring manual intervention in the requisition processing routine.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**NTE01**	**363**	**Note Reference Code** Code identifying the functional area or purpose for which the note applies ORI Order Instructions	**O ID 3/3**
Must Use	**NTE02**	**352**	**Description** A free-form description to clarify the related data elements and their content	**M AN 1/80**

Segment: **LM** **Code Source Information**
Position: 130
Loop: LM Optional (Must Use)
Level: Detail
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 2/LM/130 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 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: 140
Loop: LM Optional (Must Use)
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** Code identifying a specific industry code list		**O ID 1/3**
			0	Document Identification Code Codes that subclassify a transaction	
			67	Type of Assistance Code Codes that distinguish between types of military assistance transactions ***For SA transactions, use when the coded address in the transaction number does not identify the type of assistance and financing.***	
			71	Service and Agency Code Military services, defense agencies, and certain civilian agencies of the United States Government ***Must use in FMS transactions to identify the customer country's requisitioning Service Code: B, D, K, P or T. For all SA transactions, repeat a second time to identify the Service ILCO managing the case or program line when the ILCO is not identified in the coded address in the transaction number.***	
			78	Project Code Codes that relate a transaction to special programs, exercises, projects, operations, or other purposes ***Use to identify special programs, exercises, projects, operations, and other purposes.***	
			79	Priority Designator Code The priority of a transaction ***Recommend using in all requisitions.***	
			80	Advice Code Instructions to transaction recipients when narratives cannot be transmitted ***Use to convey information to the supply source which is considered essential to the supply action.***	
			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 indicate the condition of material when requisitioning from DRMS.***	

85	Country and Activity Code Countries, international organizations, and accounts that could receive material or services under the Foreign Military Sales System and through Military Assistance Program Grant Aid ***For MAP/GA transactions, use when the transaction number does not identify the country or activity.***
87	Subsistence Type of Pack Code A certain level of protection from the packing or outside shipping container for perishable and nonperishable subsistence items ***Use with subsistence items.***
89	Cooperative Logistics Program Support Code Indicates whether or not a Foreign Military Sales transaction is a programmed or unprogrammed requirement ***For FMS transactions, must use to identify programmed, nonprogrammed, and termination/drawdown requirements.***
95	Offer and Release Option Code Allows countries participating in the Foreign Military Sales Program to advise supply sources whether or not prior notice to country representatives or freight forwarders is required before shipment ***For FMS transactions, must use to advise the supply source of the type of notice required prior to shipping the material.***
97	Ultimate Recipient Code The ultimate receiver or buyer of material for reimbursement purposes ***Use to identify the buyer of DoD material to allow full payment for material supplied to a non-DoD customer.***
A2	Customer Within Country Code The receiving country and place of discharge within the country for Military Assistance Program Grant Aid or the country's mark-for or ship-to addresses in Foreign Military Sales transactions ***For SA transactions, use when the coded address in the transaction number does not identify the customer-within-country.***
A3	Delivery Term Code The delivery term for a Foreign Military Sales shipment ***For FMS transactions, use when the coded address in the transaction number does not identify the delivery term.***
A4	Case Designator Number The case that a Foreign Military Sales transaction supports ***Must use in FMS transactions to identify the FMS case number. For Cooperative Logistics Supply Support Arrangements (CLSSAs), repeat up to two times to identify the FMS Foreign Military Services Order (FMSO) I and FMSO II case numbers. In this instance, the first occurrence will cite the FMSO I case number, and a second occurrence, if applicable, will reflect the FMSO II case number.***

A5	Subcase Number The line item or subcase that a Foreign Military Sales transaction supports ***Use in FMS transactions based on Service requirements.***
A6	Freight Forwarder Number Representatives designated by a country to accomplish or control shipments of Foreign Military Sales material ***Must use in FMS transactions to identify the country representative or freight forwarder to receive shipments and documentation.***
A7	Record Control Number A line item of the International Logistics Program ***Must use in MAP/GA transactions to identify the program line item number.***
A8	Program Year Code Number defining the fiscal year in which the International Logistics Program Item is to be planned ***Must use in MAP/GA transactions to indicate the program year in which the requisitioned item was approved and funded.***
A9	Supplementary Address Identifies the originating organization's unique logistics information ***Use for intra-service or agency transactions to identify service or agency-unique data as required.***
AJ	Utilization Code Code identifying the purpose of the transaction ***Use to identify a specialized purpose for which the requisition is submitted.***
AK	Distribution Code Code identifying activities eligible to receive additional status
AL	Special Requirements Code Identifies special requirements impacting the processing of the transaction ***Use to identify any special handling and processing requirements.***
BD	Transportation Priority Code Indicates the order of handling and the recommmended method of material movement ***Use to identify a transportation priority which is different than that associated with the requisition priority.***
DE	Signal Code
DF	Media and Status Code
EJ	Disposal Condition Code Identifies action to change status, classifies readiness for issue, and describes the physical condition of material ***Use to indicate the minimum acceptable disposal condition for all material requisitioned from Defense reutilization and marketing.***

Must Use	**LQ02**	**1271**	**Industry Code** Code indicating a code from a specific industry code list	**X**	**AN 1/30**

Segment: **N1** **Name**
Position: 180
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: ***1. Must use one iteration of this 2/N1/180 loop to identify the organization to receive the transaction.***

2. Use additional iterations to identify other organizations associated with the transaction.

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**

BS	Bill and Ship To ***Use either this code, or both codes BT and ST, for reimbursable material. Use to identify the organization which receives both the material and the billing for the material.***
BT	Bill-to-Party ***Use with code ST for reimbursable material. Use to identify the organization to receive the billing for material when different from the organization receiving the material. Use precludes the use of Code BS.***
DA	Delivery Address ***Use with 2/N2/190, 2/N3/200, and 2/N4/210 to fully identify in-the-clear exception ship-to address information under authorized conditions.***
KO	Plant Clearance Officer ***Use when requisitioning excess plant property.***
MF	Manufacturer of Goods ***Use to identify the manufacturer's name for nonstandard material.***
OB	Ordered By ***Use to identify the requisitioner only when the 1/N1/070 uses code ZL.***
ST	Ship To ***Use with code BT for reimbursable material. Use to identify the organization to receive the material when different from the activity being billed for the material. Use precludes the use of Code BS.***
Z1	Party to Receive Status An organization that will receive information about a

transaction
Use to identify the party to receive status when different from Service/Agency prescribed status recipient. Use multiple iterations to identify all status recipients, as required.

Z3 Potential Source of Supply
An organization that might stock the needed material
Use when requisitioning nonstandard material identified in PO106 only with code FT or MG to identify potential supply sources.

Z4 Owning Inventory Control Point
An inventory control organization responsible for management of a particular item
Use to identify the owning ICP.

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
Use for submission of all GFM requisitions.

Z7 Mark-for Party
The party for whom the needed material is intended
Use to identify an entity located within the ship-to address that is to actually receive the material.

N102 93 Name X AN 1/35

Free-form name

1. Use with N101 code MF to identify the manufacturer's name and address (including ZIP code) when the CAGE is not available.

2. Use with N101 code DA to identify the exception ship-to organization. Also use 2/N2/190 if additional information is required.

3. Use with N101 code KO to identify the Plant Clearance Officer.

4. Use with code Z7 to identify the recipient of material when coded data is not available.

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)

A2 Military Assistance Program Address Code (MAPAC)
Contained in the Military Assistance Program Address Directory (MAPAD); represents the location of an entity
Use to indicate the SA structured address data. Interpretation of this data may require additional codes cited elsewhere in the transaction.

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

N104 67 Identification Code X AN 2/20

			Code identifying a party or other code		
Not Used	**N105**	**706**	**Entity Relationship Code** Code describing entity relationship	**O**	**ID 2/2**
	N106	**98**	**Entity Identifier Code** Code identifying an organizational entity, a physical location, or an individual	**O**	**ID 2/2**
			TO Message To ***Must use with the appropriate 2/N101/180 code to indicate the organization cited in N104 is receiving the transaction.***		

Segment: **N2** **Additional Name Information**
Position: 190
Loop: N1 Optional (Must Use)
Level: Detail
Usage: Optional
Max Use: 2
Purpose: To specify additional names or those longer than 35 characters in length
Syntax Notes:
Semantic Notes:
Comments:
Notes: ***Use with 2/N101/180 code DA to identify additional in-the-clear exception ship-to name information and with code ST to provide the additional ship-to information for excess plant property.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	**N201**	**93**	**Name** Free-form name	**M**	**AN 1/35**
	N202	**93**	**Name** Free-form name	**O**	**AN 1/35**

Segment: **N3** **Address Information**
Position: 200
Loop: N1 Optional (Must Use)
Level: Detail
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:
Notes: ***Use with 2/N101/180 code DA to identify additional in-the-clear exception ship-to address information with code MF to identify the manufacturer's geographical location information, and with code ST to provide the additional ship-to address information for excess plant property.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	N301	166	**Address Information** Address information	M	AN 1/35
	N302	166	**Address Information** Address information	O	AN 1/35

Segment: **N4** **Geographic Location**
Position: 210
Loop: N1 Optional (Must Use)
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes: **1** If N406 is present, then N405 is required.
Semantic Notes:
Comments: **1** A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2 N402 is required only if city name (N401) is in the U.S. or Canada.
Notes: ***Use with 2/N101/180 code DA to identify in-the-clear exception ship-to geographic location information and with code ST to provide the geographical location ship-to information for excess plant property.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
	N401	**19**	**City Name** Free-form text for city name	**O**	**AN 2/30**
	N402	**156**	**State or Province Code** Code (Standard State/Province) as defined by appropriate government agency	**O**	**ID 2/2**
	N403	**116**	**Postal Code** Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	**O**	**ID 3/15**
	N404	**26**	**Country Code** Code identifying the country ***Use codes from DE 1270 code 85.***	**O**	**ID 2/3**
Not Used	**N405**	**309**	**Location Qualifier** Code identifying type of location	**X**	**ID 1/2**
Not Used	**N406**	**310**	**Location Identifier** Code which identifies a specific location	**O**	**AN 1/30**

Segment: **REF** **Reference Identification**
Position: 220
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:
1. Use the 2/REF/220 loop to provide unique item tracking (UIT) information for controlled material.

2. Either a Unique Item Identifier (UII), batch number, or a lot number defines the looping structure. Once defined, use the 2/N9/240 segment for other characteristics, as needed.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**REF01**	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification BT Batch Number ***Use to indicate the manufacturer's batch number or other number identifying the production run.*** LT Lot Number ***Use to indicate the manufacturer's lot number.*** SE Serial Number ***Use to indicate the UII.***	**M ID 2/3**
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: **N9** **Reference Identification**
Position: 240
Loop: REF Optional
Level: Detail
Usage: Optional
Max Use: >1
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: ***Use multiple repetitions to identify the characteristic(s) not defined in the 2/REF/220 segment.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	N901	128	**Reference Identification Qualifier** Code qualifying the Reference Identification BT Batch Number ***Use to indicate the manufacturer's batch number or other number identifying the production run.*** LT Lot Number ***Use to indicate the manufacturer's lot number.*** SE Serial Number ***Use to indicate the UII.***	M ID 2/3
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** Free-form descriptive text	X AN 1/45
Not Used	N904	373	**Date** Date (YYMMDD)	O DT 6/6
Not Used	N905	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	N906	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
Not Used	N907	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**	X ID 2/3

			Code qualifying the Reference Identification		
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: **N1** **Name**
Position: 250
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 MF Manufacturer of Goods	**M**	**ID 2/2**
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) 33 Commercial and Government Entity (CAGE)	**X**	**ID 1/2**
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: **SE** **Transaction Set Trailer**
Position: 290
Loop:
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)
Syntax Notes:
Semantic Notes:
Comments: **1** SE is the last segment of each transaction set.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
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 ***Cite the same number as the one cited in ST02.***	**M AN 4/9**

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