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 request the modification of previously submitted requisitions.

2. Prior to the submission of mass cancellation transactions, authorized organizations also use this transaction set to request mass modification of requisitions to prevent their cancellation by the mass cancellation request.

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

4. DoD logistics users should refer to the Defense Logistics Management System (DLMS) Supplement to the Federal Implementation Convention (IC) available at URL: http://www.dlmso.hq.dla.mil . The DLMS Supplement provides specific business rules, conditions, and authorized codes necessary for appropriate use of this IC within the DLMS.

Heading:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
4	010	ST	Transaction Set Header	M	1		
5	020	BR	Beginning Segment for Material Management	M	1		
7	030	G62	Date/Time	O	10		
Not Used	040	NTE	Note/Special Instruction	O	10		
			LOOP ID - LM			50	
8	050	LM	Code Source Information	O	1		n1
9	060	LQ	Industry Code	M	100		
			LOOP ID - N1			20	
10	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
12	110	G61	Contact	O	5

Detail:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - LX			>1	
14	010	LX	Assigned Number	O	1		
15	020	N9	Reference Identification	M	>1		
18	030	PO1	Baseline Item Data	O	>1		
Not Used	050	PWK	Paperwork	O	1		
21	060	DD	Demand Detail	O	100		
23	070	GF	Furnished Goods and Services	O	1		
25	080	G62	Date/Time	O	20		
Not Used	090	MAN	Marks and Numbers	O	5		
27	100	LIN	Item Identification	O	>1		
31	105	MEA	Measurements	O	>1		
34	110	G69	Line Item Detail - Description	O	>1		
35	120	NTE	Note/Special Instruction	O	>1		
			LOOP ID - LM			50	
36	130	LM	Code Source Information	O	1		
37	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			100	
38	180	N1	Name	O	1		n4
40	190	N2	Additional Name Information	O	2		
41	200	N3	Address Information	O	2		
42	210	N4	Geographic Location	O	1		
Not Used	215	G61	Contact	O	5		
			LOOP ID - REF			>1	
43	220	REF	Reference Identification	O	1		n5
Not Used	230	G62	Date/Time	O	10		
45	240	N9	Reference Identification	O	>1		
47	250	N1	Name	O	1		
Not Used	260	R4	Port or Terminal	O	1		
			LOOP ID - LM			50	
Not Used	270	LM	Code Source Information	O	1		
Not Used	280	LQ	Industry Code	M	100		
			LOOP ID - FA1			>1	

48	285	FA1	Type of Financial Accounting Data	O	1
49	286	FA2	Accounting Data	M	>1
51	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 quantity 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) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	ST01	143	**Transaction Set Identifier Code**	**M ID 3/3**

Code uniquely identifying a Transaction Set

511   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

	Ref. Des.	Data Element	Name	Attributes
M	ST02	329	**Transaction Set Control Number**	**M AN 4/9**

Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

A unique number assigned by the originator of the transaction set, or the originator's application program.

Segment:	**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:		
Notes:	*1. Use table 1 and 2 to request modification of individual transactions.*	
	2. Use table 1 and only 2/SE/290 to request a mass modification.	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**BR01**	**353**	**Transaction Set Purpose Code**	**M ID 2/2**
			Code identifying purpose of transaction set	
			00 Original	
			77 Simulation Exercise	
M	**BR02**	**640**	**Transaction Type Code**	**M ID 2/2**
			Code specifying the type of transaction	
			AM Requisition Modification	
			An amendment to a request for equipment or material	
M	**BR03**	**373**	**Date**	**M DT 8/8**
			Date expressed as CCYYMMDD	
			This date corresponds to the Universal Time Coordinate (UTC).	
	BR04	**67**	**Identification Code**	**X AN 2/80**
			Code identifying a party or other code	
	BR05	**66**	**Identification Code Qualifier**	**O ID 1/2**
			Code designating the system/method of code structure used for Identification Code (67)	
			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	

	BR06	**306**	**Action Code**	**O**	**ID 1/2**

Code indicating type of action

Use only when the transaction set contains a request for mass modification of requisitions.

    2   Change (Update)

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

Must Use	**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)

1. Express the originating activity's time in UTC.

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

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:	**G62** Date/Time	
Position:	030	
Loop:		
Level:	Heading	
Usage:	Optional	
Max Use:	10	
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 in mass modification transactions to identify a range of requisition transaction number dates for which mass modification applies.*	

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		
			54 Deliver No Later Than Date		
			62 Accrual Start Date		
			Use to indicate the range start date, inclusive.		
			63 Accrual End Date		
			Use to indicate the range stop date, inclusive.		
Must Use	G6202	373	**Date**	X	DT 8/8
			Date expressed as CCYYMMDD		
Not Used	G6203	176	**Time Qualifier**	X	ID 1/2
			Code specifying the reported time		
Not Used	G6204	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	G6205	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		

Segment:	**LM** Code Source Information		
Position:	050		
Loop:	LM Optional		
Level:	Heading		
Usage:	Optional		
Max Use:	1		
Purpose:	To transmit standard code list identification information		
Syntax Notes:			
Semantic Notes:			
Comments:	**1** LM02 identifies the applicable industry code list source information.		
Notes:	*Use this 1/LM/050 loop only in mass modification transactions to identify the applicable codes which further define the range of transactions to which this transaction set applies.*		

Data Element Summary

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

Segment:	**LQ** Industry Code	
Position:	060	
Loop:	LM	Optional
Level:	Heading	
Usage:	Mandatory	
Max Use:	100	
Purpose:	Code to transmit standard industry codes	
Syntax Notes:	1	If LQ01 is present, then LQ02 is required.
Semantic Notes:		
Comments:		
Notes:	*Use to identify codes, as appropriate, consistent with management information requirements.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	LQ01	1270	**Code List Qualifier Code**	O ID 1/3
			Code identifying a specific industry code list	
			Use any code.	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
Must Use	LQ02	1271	**Industry Code**	X AN 1/30
			Code indicating a code from a specific industry code list	

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
M	N101	98	**Entity Identifier Code**		**M ID 2/3**
			Code identifying an organizational entity, a physical location, property or an individual		
			Use any code.		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
Not Used	N102	93	**Name**		**X AN 1/60**
			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)	
			A2	Military Assistance Program Address Code (MAPAC)	
				Contained in the Military Assistance Program Address Directory (MAPAD); represents the location of an entity	
			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 2/80**

			Code identifying a party or other code		
Not Used	**N105**	**706**	**Entity Relationship Code**	**O**	**ID 2/2**
			Code describing entity relationship		
Must Use	**N106**	**98**	**Entity Identifier Code**	**O**	**ID 2/3**

Code identifying an organizational entity, a physical location, property 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.

TO   Message To

Use only in mass modifications with the appropriate 1/N101/070 code to indicate that the organization cited in N104 is receiving 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 in other than mass modifications and 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
M	G6101	366	**Contact Function Code**	**M ID 2/2**

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.

	Ref. Des.	Data Element	Name	Attributes
M	G6102	93	**Name**	**M AN 1/60**

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.

	Ref. Des.	Data Element	Name	Attributes
Must Use	G6103	365	**Communication Number Qualifier**	**X ID 2/2**

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		
			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
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To reference a line number in a transaction set	
Syntax Notes:		
Semantic Notes:		
Comments:		
Notes:	*1. Use for individual modification transactions as a counter to identify the number of 2/LX/010 loop iterations in the transaction set.*	
	2. Do not use this or any table 2 segments, except 2/SE/290, for mass modifications.	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	LX01	554	**Assigned Number**	M N0 1/6
			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.	

Segment:	**N9** Reference Identification	
Position:	020	
Loop:	LX Optional	
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.* ***Must use in individual transactions to identify the transaction number of the requisition to be modified.***	
	2. ***Use additional repetitions to identify ancillary information related to the transaction.***	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**N901**	**128**	**Reference Identification Qualifier**	**M**	**ID 2/3**
			Code qualifying the Reference Identification		
			Use any code.		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
Must Use	**N902**	**127**	**Reference Identification**	**X**	**AN 1/30**
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
Not Used	**N903**	**369**	**Free-form Description**	**X**	**AN 1/45**
			Free-form descriptive text		
Not Used	**N904**	**373**	**Date**	**O**	**DT 8/8**
			Date expressed as CCYYMMDD		
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

M	C04001	128	Reference Identification Qualifier		M	ID 2/3

Code qualifying the Reference Identification

			43	Supporting Document Number

Supports or clarifies information and values represented in a document

Use to identify the Special Program Requirement (SPR) transaction number.

			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 to identify the excess plant equipment program number.

			C7	Contract Line Item Number
			IX	Item Number
			W1	Disposal Turn-In Document Number

Identifies material submitted for reutilization and marketing

			W8	Suffix

Differentiates between partial actions taken on the original transaction

M	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

	C04003	128	Reference Identification Qualifier		X	ID 2/3

Code qualifying the Reference Identification

			FJ	Line Item Control Number

A unique number assigned to each charge line used for tracking purposes

Use to identify the line item number associated with the excess plant property reference number.

			SS	Split Shipment Number

Use to identify the Disposal Turn-In Document Number Suffix.

	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

C04005   **128**   **Reference Identification Qualifier**   **X ID 2/3**

Code qualifying the Reference Identification

Refer to 004010 Data Element Dictionary for acceptable code values.

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:	**PO1** Baseline Item Data	
Position:	030	
Loop:	LX	Optional
Level:	Detail	
Usage:	Optional	
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 modification as a requisition.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Not Used	PO101	350	**Assigned Identification**	O	AN 1/20
			Alphanumeric characters assigned for differentiation within a transaction set		
Must Use	PO102	330	**Quantity Ordered**	X	R 1/15
			Quantity ordered		
			1. Must use to identify the requisitioned quantity.		
			2. Express as a whole number with no decimal.		
	PO103	355	**Unit or Basis for Measurement Code**	O	ID 2/2
			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.		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	PO104	212	**Unit Price**	X	R 1/17

Price per unit of product, service, commodity, etc.

	PO105	**639**	**Basis of Unit Price Code**		**O**	**ID 2/2**

Code identifying the type of unit price for an item

ES	Estimated
NC	No Charge
UM	Price per Unit of Measure

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 any code.

Refer to 004010 Data Element Dictionary for acceptable code values.

Must Use	**PO107**	**234**	**Product/Service ID**	**X**	**AN 1/48**

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
JP	Package Type Code
	Packaging method used for manufacturer product
ZB	Commercial and Government Entity (CAGE) Code
	A code that identifies a commercial contractor authorized to do business with the U.S. government

	PO109	**234**	**Product/Service ID**	**X**	**AN 1/48**

Identifying number for a product or service

	PO110	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

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

Refer to 004010 Data Element Dictionary for acceptable code values.

	PO111	**234**	**Product/Service ID**	**X**	**AN 1/48**

Identifying number for a product or service

	PO112	**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 any code.

Refer to 004010 Data Element Dictionary for acceptable code values.

	PO113	**234**	**Product/Service ID**	**X**	**AN 1/48**

Identifying number for a product or service

Not Used	**PO114**	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

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

Not Used	PO115	234	**Product/Service ID**		X	**AN 1/48**

Identifying number for a product or service

Not Used	PO116	235	**Product/Service ID Qualifier**		X	**ID 2/2**

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

Not Used	PO117	234	**Product/Service ID**		X	**AN 1/48**

Identifying number for a product or service

Not Used	PO118	235	**Product/Service ID Qualifier**		X	**ID 2/2**

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

Not Used	PO119	234	**Product/Service ID**		X	**AN 1/48**

Identifying number for a product or service

Not Used	PO120	235	**Product/Service ID Qualifier**		X	**ID 2/2**

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

Not Used	PO121	234	**Product/Service ID**		X	**AN 1/48**

Identifying number for a product or service

Not Used	PO122	235	**Product/Service ID Qualifier**		X	**ID 2/2**

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

Not Used	PO123	234	**Product/Service ID**		X	**AN 1/48**

Identifying number for a product or service

Not Used	PO124	235	**Product/Service ID Qualifier**		X	**ID 2/2**

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

Not Used	PO125	234	**Product/Service ID**		X	**AN 1/48**

Identifying number for a product or service

Segment:	**DD** Demand Detail	
Position:	060	
Loop:	LX	Optional
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:	*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**	X AN 1/30
			Code indicating a code from a specific industry code list	
Must Use	DD02	1270	**Code List Qualifier Code**	O ID 1/3
			Code identifying a specific industry code list	
			74 Demand Code	
			Identifies whether or not a material demand is recurring	
	DD03	128	**Reference Identification Qualifier**	X ID 2/3
			Code qualifying the Reference Identification	
			W2 Weapon System Number	
			Identifies a weapon system	
	DD04	127	**Reference Identification**	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
	DD05	1271	**Industry Code**	X AN 1/30
			Code indicating a code from a specific industry code list	
	DD06	1270	**Code List Qualifier Code**	O ID 1/3
			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	

	DD07	**380**	**Quantity**	**O**	**R 1/15**
			Numeric value of quantity		
Not Used	**DD08**	**1073**	**Yes/No Condition or Response Code**	**O**	**ID 1/1**
			Code indicating a Yes or No condition or response		
	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
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: *Use in all Government Furnished Material (GFM) related transactions.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
	GF01	128	**Reference Identification Qualifier**	X	ID 2/3

Code qualifying the Reference Identification

	C7	Contract Line Item Number
	W3	Manufacturing Directive Number

Identifies the Management Control Activity and contract associated with government furnished material transactions

	Ref. Des.	Data Element	Name	Attributes	
	GF02	127	**Reference Identification**	X	AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

	GF03	367	**Contract Number**	O	AN 1/30

Contract number

Not Used	GF04	782	**Monetary Amount**	O	R 1/18

Monetary amount

Not Used	GF05	128	**Reference Identification Qualifier**	X	ID 2/3

Code qualifying the Reference Identification

Not Used	GF06	127	**Reference Identification**	X	AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

	GF07	328	**Release Number**	O	AN 1/30

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.

Not Used	GF08	128	**Reference Identification Qualifier**	X	ID 2/3

Code qualifying the Reference Identification

Not Used	GF09	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:	**G62** Date/Time
Position:	080
Loop:	LX Optional
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
54	Deliver No Later Than Date
68	Requested Delivery Date
85	Date Issued

This is the date a drawing or drawing revision was issued.

BC	Publication Date

The date when a document was published

BD	Required By

The date when material is required to be on a site available for use

	Ref. Des.	Data Element	Name	Attributes	
Must Use	G6202	373	**Date**	X	DT 8/8

Date expressed as CCYYMMDD

Not Used	G6203	176	**Time Qualifier**	X	ID 1/2

Code specifying the reported time

Not Used	G6204	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	G6205	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

Segment:	**LIN** Item Identification	
Position:	100	
Loop:	LX	Optional
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**	O AN 1/20
			Alphanumeric characters assigned for differentiation within a transaction set	
M	LIN02	235	**Product/Service ID Qualifier**	M ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	

			Use any code.		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
M	LIN03	234	**Product/Service ID**	M	AN 1/48
			Identifying number for a product or service		
	LIN04	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	LIN05	234	**Product/Service ID**	X	AN 1/48
			Identifying number for a product or service		
	LIN06	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	LIN07	234	**Product/Service ID**	X	AN 1/48
			Identifying number for a product or service		
	LIN08	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	LIN09	234	**Product/Service ID**	X	AN 1/48
			Identifying number for a product or service		
	LIN10	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	LIN11	234	**Product/Service ID**	X	AN 1/48
			Identifying number for a product or service		
	LIN12	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	LIN13	234	**Product/Service ID**	X	AN 1/48
			Identifying number for a product or service		
	LIN14	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
	LIN15	234	**Product/Service ID**	X	AN 1/48
			Identifying number for a product or service		
	LIN16	235	**Product/Service ID Qualifier**	X	ID 2/2

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

Refer to 004010 Data Element Dictionary for acceptable code values.

LIN17	**234**	**Product/Service ID**	**X**	**AN 1/48**

Identifying number for a product or service

| **LIN18** | **235** | **Product/Service ID Qualifier** | **X** | **ID 2/2** |

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

Refer to 004010 Data Element Dictionary for acceptable code values.

| **LIN19** | **234** | **Product/Service ID** | **X** | **AN 1/48** |

Identifying number for a product or service

| **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)

Refer to 004010 Data Element Dictionary for acceptable code values.

| **LIN21** | **234** | **Product/Service ID** | **X** | **AN 1/48** |

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)

Refer to 004010 Data Element Dictionary for acceptable code values.

| **LIN23** | **234** | **Product/Service ID** | **X** | **AN 1/48** |

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)

Refer to 004010 Data Element Dictionary for acceptable code values.

| **LIN25** | **234** | **Product/Service ID** | **X** | **AN 1/48** |

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)

Refer to 004010 Data Element Dictionary for acceptable code values.

| **LIN27** | **234** | **Product/Service ID** | **X** | **AN 1/48** |

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)

Refer to 004010 Data Element Dictionary for acceptable code values.

| **LIN29** | **234** | **Product/Service ID** | **X** | **AN 1/48** |

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)

Refer to 004010 Data Element Dictionary for acceptable code values.

LIN31   **234**   **Product/Service ID**   **X**   **AN 1/48**

Identifying number for a product or service

Segment:	# MEA Measurements	
Position:	105	
Loop:	LX	Optional
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.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Not Used	MEA01	737	**Measurement Reference ID Code**	O	ID 2/2
			Code identifying the broad category to which a measurement applies		
	MEA02	738	**Measurement Qualifier**	O	ID 1/3
			Code identifying a specific product or process characteristic to which a measurement applies		
			1. Use any code.		
			2. Use to identify the specific dimension/measurement quantified in MEA03 and MEA04.		
			Refer to 004010 Data Element Dictionary for acceptable code values.		
Must Use	MEA03	739	**Measurement Value**	X	R 1/20
			The value of the measurement		
	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.		
M	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		
			Use any code.		

Refer to 004010 Data Element Dictionary for acceptable code values.

Not Used	C00102	1018	**Exponent**	O	R 1/15

Power to which a unit is raised

Not Used	C00103	649	**Multiplier**	O	R 1/10

Value to be used as a multiplier to obtain a new value

Not Used	C00104	355	**Unit or Basis for Measurement Code**	O	ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Not Used	C00105	1018	**Exponent**	O	R 1/15

Power to which a unit is raised

Not Used	C00106	649	**Multiplier**	O	R 1/10

Value to be used as a multiplier to obtain a new value

Not Used	C00107	355	**Unit or Basis for Measurement Code**	O	ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Not Used	C00108	1018	**Exponent**	O	R 1/15

Power to which a unit is raised

Not Used	C00109	649	**Multiplier**	O	R 1/10

Value to be used as a multiplier to obtain a new value

Not Used	C00110	355	**Unit or Basis for Measurement Code**	O	ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Not Used	C00111	1018	**Exponent**	O	R 1/15

Power to which a unit is raised

Not Used	C00112	649	**Multiplier**	O	R 1/10

Value to be used as a multiplier to obtain a new value

Not Used	C00113	355	**Unit or Basis for Measurement Code**	O	ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Not Used	C00114	1018	**Exponent**	O	R 1/15

Power to which a unit is raised

Not Used	C00115	649	**Multiplier**	O	R 1/10

Value to be used as a multiplier to obtain a new value

Not Used	MEA05	740	**Range Minimum**	X	R 1/20

The value specifying the minimum of the measurement range

Not Used	MEA06	741	**Range Maximum**	X	R 1/20

The value specifying the maximum of the measurement range

Not Used	MEA07	935	**Measurement Significance Code**	O	ID 2/2

Code used to benchmark, qualify or further define a measurement value

Not Used	MEA08	936	**Measurement Attribute Code**	X	ID 2/2

Code used to express an attribute response when a numeric measurement

value cannot be determined

| Not Used | MEA09 | 752 | **Surface/Layer/Position Code** | | **O** | **ID 2/2** |

Code indicating the product surface, layer or position that is being described

| Not Used | MEA10 | 1373 | **Measurement Method or Device** | | **O** | **ID 2/4** |

The method or device used to record the measurement

Segment:	**G69** Line Item Detail - Description	
Position:	110	
Loop:	LX Optional	
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
M	G6901	369	**Free-form Description**	M AN 1/45
			Free-form descriptive text	

Segment:	**NTE** Note/Special Instruction		
Position:	120		
Loop:	LX Optional		
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
	NTE01	**363**	**Note Reference Code**	**O ID 3/3**
			Code identifying the functional area or purpose for which the note applies	
			ORI Order Instructions	
			PDS Product Specification	
M	**NTE02**	**352**	**Description**	**M AN 1/80**
			A free-form description to clarify the related data elements and their content	

Segment:	**LM** Code Source Information		
Position:	130		
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:	*1. Must use this 2/LM/130 loop to identify coded information maintained in department or agency documentation.*		
	2. Use this 2/LM/130 loop for individual modification requests to identify the desired coded data associated with the individual transactions.		

Data Element Summary

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

Segment:	**LQ** Industry Code	
Position:	140	
Loop:	LM	Optional
Level:	Detail	
Usage:	Mandatory	
Max Use:	100	
Purpose:	Code to transmit standard industry codes	
Syntax Notes:	1	If LQ01 is present, then LQ02 is required.
Semantic Notes:		
Comments:		
Notes:	*Use to identify codes, as appropriate, consistent with management information requirements.*	

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
LQ01	**1270**	**Code List Qualifier Code**	**O ID 1/3**
		Code identifying a specific industry code list	
		Use any code.	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
LQ02	**1271**	**Industry Code**	**X AN 1/30**
		Code indicating a code from a specific industry code list	

Segment:	**N1** Name		
Position:	180		
Loop:	N1 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:	*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	
M	**N101**	**98**	**Entity Identifier Code**	**M**	**ID 2/3**

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

Use any code.

Refer to 004010 Data Element Dictionary for acceptable code values.

	N102	**93**	**Name**	**X**	**AN 1/60**

Free-form name

	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)
33	Commercial and Government Entity (CAGE)
A2	Military Assistance Program Address Code (MAPAC)
	Contained in the Military Assistance Program Address Directory (MAPAD); represents the location of an entity
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 2/80**
			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 2/3**
			Code identifying an organizational entity, a physical location, property or an individual		

    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			
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 to identify additional name information as authorized.*			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	N201	93	**Name**	M AN 1/60
			Free-form name	
	N202	93	**Name**	O AN 1/60
			Free-form name	

Segment:	**N3** Address Information	
Position:	200	
Loop:	N1	Optional
Level:	Detail	
Usage:	Optional	
Max Use:	2	
Purpose:	To specify the location of the named party	
Syntax Notes:		
Semantic Notes:		
Comments:		
Notes:	*Use to identify additional address information as authorized.*	

Data Element Summary

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

Segment:	**N4** Geographic Location
Position:	210
Loop:	N1 Optional
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.

Data Element Summary

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

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:	*Use the 2/REF/220 loop to provide Unique Identification (UID) information*			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**REF01**	**128**	**Reference Identification Qualifier**	**M ID 2/3**
			Code qualifying the Reference Identification	
			BT	Batch Number	
			SE	Serial Number	
			U3	Unique Supplier Identification Number (USIN)	
	REF02	**127**	**Reference Identification**	**X AN 1/30**
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
	REF03	**352**	**Description**	**X AN 1/80**
			A free-form description to clarify the related data elements and their content	
Not Used	**REF04**	**C040**	**Reference Identifier**	**O**
			To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	
Not Used	**C04001**	**128**	**Reference Identification Qualifier**	**M ID 2/3**
			Code qualifying the Reference Identification	
Not Used	**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:	**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
M	N901	128	**Reference Identification Qualifier**	M ID 2/3
			Code qualifying the Reference Identification	
			BT Batch Number	
			SE Serial Number	
Must Use	N902	127	**Reference Identification**	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
Not Used	N903	369	**Free-form Description**	X AN 1/45
			Free-form descriptive text	
Not Used	N904	373	**Date**	O DT 8/8
			Date expressed as CCYYMMDD	
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	

Not Used	N907	C040	**Reference Identifier**	**O**	

To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier

Not Used	C04001	128	**Reference Identification Qualifier**	**M**	**ID 2/3**

Code qualifying the Reference Identification

Not Used	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:	**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.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	N101	98	**Entity Identifier Code**	M	ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual		
			MF Manufacturer of Goods		
Not Used	N102	93	**Name**	X	AN 1/60
			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)		
			33 Commercial and Government Entity (CAGE)		
Must Use	N104	67	**Identification Code**	X	AN 2/80
			Code identifying a party or other code		
Not Used	N105	706	**Entity Relationship Code**	O	ID 2/2
			Code describing entity relationship		
Not Used	N106	98	**Entity Identifier Code**	O	ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual		

	Segment:	**FA1** Type of Financial Accounting Data
	Position:	285
	Loop:	FA1 Optional
	Level:	Detail
	Usage:	Optional
	Max Use:	1
	Purpose:	To specify the organization controlling the content of the accounting citation, and the purpose associated with the accounting citation
	Syntax Notes:	
	Semantic Notes:	1 FA101 Identifies the organization controlling the assignment of financial accounting information.
		2 FA102 Identifies the purpose of the accounting allowance or charge information.
	Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	FA101	559	**Agency Qualifier Code**	M ID 2/2

Code identifying the agency assigning the code values

DF	Department of Defense (DoD)	

Use to indicate that the Component originating the funds is a Department of Defense agency, including DLA.

DN	Department of the Navy

Includes the United States Marine Corps.

DY	Department of Air Force
DZ	Department of Army
FG	Federal Government

	Ref. Des.	Data Element	Name	Attributes
Must Use	FA102	1300	**Service, Promotion, Allowance, or Charge Code**	O ID 4/4

Code identifying the service, promotion, allowance, or charge

A170	Adjustments
A520	Base Charge
C930	Export Shipping Charge
D340	Goods and Services Charge
F060	Other Accessorial Service Charge
F560	Premium Transportation
I260	Transportation Direct Billing
R060	Packing, Crating, and Handling Charge

	Ref. Des.	Data Element	Name	Attributes
Not Used	FA103	248	**Allowance or Charge Indicator**	O ID 1/1

Code which indicates an allowance or charge for the service specified

Segment: **FA2** Accounting Data

Position:	286
Loop:	FA1 Optional
Level:	Detail
Usage:	Mandatory
Max Use:	>1
Purpose:	To specify the detailed accounting data
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	*Use this 2/FA2/286 segment to identify the various components of the line of accounting.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	FA201	1196	**Breakdown Structure Detail Code**	M ID 2/2

Codes identifying details relating to a reporting breakdown structure tree

18	Funds Appropriation	

Coding to track the source of funds (such as various government agencies)

A1	Department Indicator
A2	Transfer from Department
A3	Fiscal Year Indicator
A4	Basic Symbol Number
A5	Sub-class
A6	Sub-Account Symbol
B1	Budget Activity Number
B2	Budget Sub-activity Number
B5	Fund Code
BL	Billings

Use to indicate the Government IMPAC card number under which payment for this obligation will be accomplished.

C1	Program Element
C2	Project Task or Budget Subline
C3	Budget Restriction
D1	Defense Agency Allocation Recipient
D2	Defense Agency Sub-allocation Recipient
D3	Component Allocation Recipient
D4	Component Sub-allocation Recipient
D5	Allotment Recipient
D6	Sub-allotment Recipient

D7	Work Center Recipient
E1	Major Reimbursement Source Code
E2	Detail Reimbursement Source Code
E3	Customer Indicator
F1	Object Class
F2	Object Sub-class
F3	Government or Public Sector Identifier
F4	Country Code
G1	Program or Planning Code
G2	Special Interest Code or Special Program Cost Code
H1	Cost Code
H2	Labor Type Code
H3	Cost Allocation Code
H4	Classification Code
I1	Abbreviated Department of Defense (DoD) Budget and Accounting Classification Code (BACC)
J1	Document or Record Reference Number
L1	Accounting Installation Number

Use to indicate the Authorization Accounting Authority (AAA)/Accounting and Disbursing Station Number (ADSN)/Fiscal Station Number (FSN).

N1	Transaction Type
P1	Disbursing Station Number
P2	International Balance of Payments (IBOP) Code
P3	Voucher Number
ZZ	Mutually Defined

M   **FA202**   **1195**   **Financial Information Code**   **M AN 1/80**

Code representing financial accounting information

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
M	SE01	96	**Number of Included Segments**	**M N0 1/10**
			Total number of segments included in a transaction set including ST and SE segments	
M	SE02	329	**Transaction Set Control Number**	**M AN 4/9**
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			Cite the same number as the one cited in ST02.	