

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		
						50	
8	050	LM	Code Source Information	O	1		n1
9	060	LQ	Industry Code	M	100		
						20	
10	070	N1	Name	M	1		n2

511M (R2) Modification

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		
26	100	LIN	Item Identification	O	>1		
31	105	MEA	Measurements	O	>1		
35	110	G69	Line Item Detail - Description	O	>1		
Not Used	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
39	180	N1	Name	O	1		n4
41	190	N2	Additional Name Information	O	2		
42	200	N3	Address Information	O	2		
43	210	N4	Geographic Location	O	1		
Not Used	215	G61	Contact	O	5		
LOOP ID - REF							>1
44	220	REF	Reference Identification	O	1		n5
Not Used	230	G62	Date/Time	O	10		
46	240	N9	Reference Identification	O	>1		
48	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

511M (R2) Modification

49	285	FA1	Type of Financial Accounting Data	O	1	
50	286	FA2	Accounting Data	M	>1	
52	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).

Data Element Summary

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
M	ST01	143	Transaction Set Identifier Code	M ID 3/3
			Code uniquely identifying a Transaction Set 511 Requisition	
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	
			<i>A unique number assigned by the originator of the transaction set, or the originator's application program.</i>	

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

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.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
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	
M	BR03	373	Date	M DT 8/8
			Date expressed as CCYYMMDD	
			<i>This date corresponds to the Universal Time Coordinate (UTC).</i>	
	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)	
	BR06	306	Action Code	O ID 1/2
			Code indicating type of action	
			<i>Use only when the transaction set contains a request for mass modification of requisitions.</i>	
			2 Change (Update)	

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) <i>1. Express the originating activity's time in UTC.</i> <i>2. Express time in a four-position (HHMM) format.</i>	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: **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:

Notes: *Use in mass modification transactions to identify a range of requisition transaction number dates for which mass modification applies.*

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	G6201	432	Date	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	
				<i>Use to indicate the range start date, inclusive.</i>	
				63 Accrual End Date	
				<i>Use to indicate the range stop date, inclusive.</i>	
Must Use	G6202	373	Date	Date	X DT 8/8
				Date expressed as CCYYMMDD	
Not Used	G6203	176	Time	Time Qualifier	X ID 1/2
				Code specifying the reported time	
Not Used	G6204	337	Time	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	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:

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.	Data		
	Des.	Element	Name	Attributes
M	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: 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:
Notes: *Use to identify codes, as appropriate, consistent with management information requirements.*

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	LQ01	1270	Code List Qualifier Code		O ID 1/3
			Code identifying a specific industry code list		
			<i>1. Use codes for mass modification transactions. Use multiple repetitions to identify multiple criteria identifying the range of transactions subject to mass modification.</i>		
			<i>2. Following is a list of preferred codes.</i>		
			78	<i>Project Code</i>	
			79	<i>Priority Designator Code</i>	
			AL	<i>Special Requirements Code</i>	
			<i>Used to identify precedence, special handling, and processing requirements .</i>		
			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:

Notes: *Must use this 1/N1/070 loop to identify the organization originating the transaction set.*

Data Element Summary

	Ref.	Data	Attributes
	Des.	Element Name	
M	N101	98 Entity Identifier Code	M ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	
		<i>Following is a list of preferred codes.</i>	
		<i>OB Ordered By</i>	
		<i>Z4 Owning Inventory Control Point</i>	
		<i>Z5 Management Control Activity</i>	
		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)	
		M4 Department of Defense Routing Identifier Code (RIC)	
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:
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.	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	<i>Use to identify the individual who authorized the requisition.</i>
		IC Information Contact	<i>Use to identify the point of contact.</i>
M	G6102	93 Name	M AN 1/60
		Free-form name	<i>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.</i>
Must Use	G6103	365 Communication Number Qualifier	X ID 2/2
		Code identifying the type of communication number	
			<i>1. Use to identify the preferred method of communication in the first repetition. Use additional repetitions when identifying alternate communication methods.</i>
			<i>2. Do not include blank spaces, dashes or parentheses between numbers.</i>
		AU Defense Switched Network	<i>Use to identify the DSN telephone number.</i>

			EM	Electronic Mail	
			EX	Telephone Extension	
				<i>Use immediately following codes AU, IT or TE to identify a telephone extension.</i>	
			FX	Facsimile	
				<i>Use to identify the facsimile (FAX) telephone number.</i>	
			IT	International Telephone	
				<i>Include country and city code.</i>	
			TE	Telephone	
				<i>Use to identify the commercial telephone number. Include the area code and number.</i>	
			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		
			<i>Use to indicate the office symbol or activity code for the party identified.</i>		

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

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.

- 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

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	N901	128	Reference Identification Qualifier Code qualifying the Reference Identification <i>Following is a list of preferred codes.</i> <i>3H Case Number</i> <i>CT Contract Number</i> <i>IT Internal Customer Number</i> <i>TN Transaction Reference Number</i> <i>W4 Procurement Request Number</i> <i>W6 Federal Supply Schedule Number</i> <i>WO Work Order Number</i>	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 expressed as CCYYMMDD	O DT 8/8
Not Used	N905	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS,	X TM 4/8

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	
			<i>Use to identify the Special Program Requirement (SPR) transaction number.</i>	
		72	Schedule Reference Number	
			<i>Use to identify the excess plant equipment program number.</i>	
		C7	Contract Line Item Number	
		IX	Item Number	
		W1	Disposal Turn-In Document Number	
		W8	Suffix	
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	
			<i>Use to identify the line item number associated with the excess plant property reference number.</i>	
		SS	Split Shipment Number	
			<i>Use to identify the Disposal Turn-In Document Number Suffix.</i>	
	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:

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.	Data		Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	
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	
		<i>1. Must use to identify the requisitioned quantity.</i>	
		<i>2. Express as a whole number with no decimal.</i>	
	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	
		<i>Use to identify the unit of issue for the material requisitioned.</i>	
	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	

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)		
			<i>Following is a list of preferred codes.</i>		
			<i>A1 Plant Equipment Number</i>		
			<i>A2 Department of Defense Identification Code (DoDIC)</i>		
			<i>A4 Subsistence Identification Number</i>		
			<i>FB Form Number</i>		
			<i>FS National Stock Number</i>		
			<i>FT Federal Supply Classification</i>		
			<i>MG Manufacturer's Part Number</i>		
			<i>YP Publication Number</i>		
			<i>ZZ Mutually Defined</i>		
			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)		
			<i>1. Use only one of codes CN or ZB to fully identify the material.</i>		
			<i>2. Use PO110 and PO111 when both one of CN or ZB and JP is needed.</i>		
			CN Commodity Name		
			JP Package Type Code		
			ZB Commercial and Government Entity (CAGE) Code		
	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		
Not Used	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)		
Not Used	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.

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.	Data		Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	
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	
	DD03	128 Reference Identification Qualifier	X ID 2/3
		Code qualifying the Reference Identification	
		W2 Weapon System Number	
	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	
	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

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.

Notes: *Use in all Government Furnished Material (GFM) related transactions.*

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
GF01	128	Reference Identification Qualifier	X ID 2/3
		Code qualifying the Reference Identification	
		C7 Contract Line Item Number	
		W3 Manufacturing Directive Number	
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	
		<i>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.</i>	
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:

Notes: *Use multiple repetitions to identify unique dates or delivery periods associated with the requisitioner's requirements.*

Data Element Summary

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
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	
			<i>This is the date a drawing or drawing revision was issued.</i>	
		BC	Publication Date	
		BD	Required By	
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:

Notes:

- 1 LIN01 is the line item identification
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

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
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)	

Following is a list of preferred codes.

AB Assembly

Use to identify the assembly associated with the

material.

BH *Finish/Hand Standard Reference*

Use to identify the fabric of the nonstandard material ordered under Federal Supply Schedule.

CL *Color*

CN *Commodity Name*

Use to identify the nomenclature of the end item.

CR *Contract Number*

Use when specifying a Federal Supply Schedule contract number.

DR *Drawing Revision Number*

F1 *Catalog Number*

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*

F3 *Technical Manual Number*

F4 *Series Identifier*

Use to identify the manufacturer's series number of the end item.

F7 *End-Item Description*

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*

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 end item.

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 end item.

VN *Vendor's (Seller's) Item Number*

YP *Publication Number*

Use to identify publications or catalogs.

ZZ *Mutually Defined*

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.

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
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 to identify the specific dimension/measurement quantified in MEA03 and MEA04.

2. Following is a list of preferred codes.

- DI Diameter*
- DN Density*
- DP Depth*
- FQ Frequency*
- GL Gloss*
- HT Height*
- ID Inside Diameter*
- LN Length*
- LPR Line Pressure*
- MD Measurement Voltage*
- OD Outside Diameter*
- PB Pressure*
- TF Tensile*
- TH Thickness*
- UCB Cube*
- VO Voltage*
- VOL Volume*

			WD	Width
			WT	Weight
			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)	
			<i>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.</i>	
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	
			<i>Following is a list of preferred codes.</i>	
			2G	Volts (Alternating Current)
			2H	Volts (Direct Current)
			2I	British Thermal Units (BTUs) Per Hour
			2N	Decibels
			70	Volt
			82	Ohm
			AD	Bytes
			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
			SF	Square Foot
			SM	Square Meter

SY *Square Yard*
TG *Gross Ton*
TN *Net Ton (2,000 LB).*
VT *Voltage*
WT *Wattage*
YD *Yard*

Refer to 004010 Data Element Dictionary for acceptable code values.

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	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:

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

	<u>Ref.</u>	<u>Data</u>		<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
M	G6901	369	Free-form Description Free-form descriptive text	M AN 1/45

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:

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

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
M	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
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:	
Notes:	<i>Use to identify codes, as appropriate, consistent with management information requirements.</i>

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
LQ01	1270	Code List Qualifier Code	O ID 1/3

Code identifying a specific industry code list

Following is a list of preferred codes.

0 *Document Identification Code*
67 *Type of Assistance Code*
71 *Service and Agency Code*
78 *Project Code*
79 *Priority Designator Code*
80 *Advice Code*
83 *Supply Condition Code*
85 *Country and Activity Code*
87 *Subsistence Type of Pack Code*
89 *Cooperative Logistics Program Support Code*
94 *Identification Code*
95 *Offer and Release Option Code*
97 *Ultimate Recipient Code*
99 *Purpose Code*
A2 *Customer Within Country Code*
A3 *Delivery Term Code*
A4 *Case Designator Number*
A5 *Subcase Number*
A6 *Freight Forwarder Number*
A7 *Record Control Number*
A8 *Program Year Code*
A9 *Supplemental Data*
AJ *Utilization Code*
AK *Distribution Code*
AL *Special Requirements Code*

Use to identify precedence, special handling, and processing requirements.

BD *Transportation Priority Code*
COG *Cognizance Symbol*
DE *Signal Code*
DF *Media and Status Code*
EJ *Disposal Condition Code*
GQ *Group Qualifier Code*
Use to identify the Materiel Management Aggregation Code (MMAC).
IMC *Item Management Code*
MCC *Material Control Code*
RC *Requirement Code*
Use to identify the Air Force Urgency Justification Code indicating the urgency of need and type of requirement (justification) related to a Not Mission Capable Supply/Mission Impaired Capability Awaiting Parts (NMCS/MICAP) condition.
SMI *Special Material Identification 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:

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.	Data		Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	
M	N101	98 Entity Identifier Code	M ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	
		<i>Following is a list of preferred codes.</i>	
		<i>BS Bill and Ship To</i>	
		<i>BT Bill-to-Party</i>	
		<i>DA Delivery Address</i>	
		<i>KO Plant Clearance Officer</i>	
		<i>MF Manufacturer of Goods</i>	
		<i>ST Ship To</i>	
		<i>Z1 Party to Receive Status</i>	
		<i>Z2 Unserviceable Material Consignee</i>	
		<i>Z3 Potential Source of Supply</i>	
		<i>Z4 Owning Inventory Control Point</i>	
		<i>Z5 Management Control Activity</i>	
		<i>Z7 Mark-for Party</i>	
		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)	
		M4	Department of Defense Routing Identifier Code (RIC)	
	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	
				<i>Must use with the appropriate 2/N101/180 code to indicate the organization cited in N104 is receiving the transaction.</i>

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:
Notes: *Use to identify additional name information as authorized.*

Data Element Summary

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

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:
Notes: *Use to identify additional address information as authorized.*

Data Element Summary

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

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:

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
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		
		<i>Use to identify the country. Data element 1270, code 85 - Country and Activity Code, lists applicable code values.</i>		
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.

Notes: *Use the 2/REF/220 loop to provide unique item tracking (UIT) information for controlled material.*

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification BT Batch Number LT Lot Number SE Serial Number	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	X AN 1/30
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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.

Notes: *Use multiple repetitions to identify the characteristic(s) not defined in the 2/REF/220 segment.*

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element Name</u>	
M	N901	128 Reference Identification Qualifier Code qualifying the Reference Identification BT Batch Number LT Lot Number SE Serial Number	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 expressed as CCYYMMDD	O DT 8/8
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 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: **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:

Data Element Summary

	Ref.	Data	Attributes
	Des.	Element Name	
M	N101	98 Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual MF Manufacturer of Goods	M ID 2/3
Not Used	N102	93 Name Free-form name	X AN 1/60
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 2/80
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, property or an individual	O ID 2/3

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.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	FA101	559	Agency Qualifier Code	M ID 2/2
			Code identifying the agency assigning the code values	
			DF Department of Defense (DoD)	
			<i>Use to indicate that the Component originating the funds is a Department of Defense agency, including DLA.</i>	
			DN Department of the Navy	
			<i>Includes the United States Marine Corps.</i>	
			DY Department of Air Force	
			DZ Department of Army	
			FG Federal Government	
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	
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:
Notes: *Use this 2/FA2/286 segment to identify the various components of the line of accounting.*

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
M	FA201	1196 Breakdown Structure Detail Code	M ID 2/2
		Codes identifying details relating to a reporting breakdown structure tree	
		18 Funds Appropriation	
		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	
		<i>Use to indicate the Government IMPAC card number under which payment for this obligation will be accomplished.</i>	
		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	

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:

Data Element Summary

	Ref.	Data	Attributes
	Des.	Element Name	
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	
		<i>Cite the same number as the one cited in ST02.</i>	