

180 Return Merchandise Authorization and Notification

Functional Group ID=**AN**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Return Merchandise Authorization and Notification Transaction Set (180) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can provide for customary and established business and industry practice relative to the returning of merchandise to the vendor. This transaction set may satisfy request for returns, authorization or disposition of the return, notification of return, or notification of consumer return.

Notes:

1. Organizations use this transaction set to report the availability of material to the wholesale distribution system, to report the automatic shipment of material to storage or repair facilities, to request cancellation of previously submitted report, and to inquire about the status of previously submitted transactions.

2. Use a single occurrence of this transaction set to transmit single or multiple material returns information transactions to one or more Inventory Control Points (ICPs or Integrated Material Managers (IMMs)).

3. A single transaction set may contain a combination of transactions for standard and nonstandard material.

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.dla.mil/j-6/dlms>. The DLMS Supplement provides specific business rules, conditions, and authorized codes necessary for appropriate use of this IC within the DLMS.

Heading:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
4	010	ST	Transaction Set Header	M	1		
5	020	BGN	Beginning Segment	M	1		
Not Used	030	RDR	Return Disposition Reason	O	1		
Not Used	040	PRF	Purchase Order Reference	O	1		
Not Used	050	DTM	Date/Time Reference	O	10		
Not Used	060	N9	Reference Identification	O	10		
Not Used	070	PER	Administrative Communications Contact	O	2		
Not Used	080	SAC	Service, Promotion, Allowance, or Charge Information	O	10		

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Not Used	085	G38	Claim Payment Information	O	1
Not Used	090	PKG	Marking, Packaging, Loading	O	5
Not Used	100	TD1	Carrier Details (Quantity and Weight)	O	10
Not Used	110	TD5	Carrier Details (Routing Sequence/Transit Time)	O	10
Not Used	115	NTE	Note/Special Instruction	O	5
LOOP ID - N1					200
7	120	N1	Name	O	1
Not Used	130	N2	Additional Name Information	O	2
Not Used	140	N3	Address Information	O	2
Not Used	150	N4	Geographic Location	O	1
Not Used	160	PER	Administrative Communications Contact	O	5
LOOP ID - LM					10
Not Used	170	LM	Code Source Information	O	1
Not Used	180	LQ	Industry Code	M	100

Detail:

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LOOP ID - BLI						>1	
9	010	BLI	Baseline Item Data	O	1		n1
11	011	N9	Reference Identification	O	20		
Not Used	020	PID	Product/Item Description	O	5		
Not Used	030	RDR	Return Disposition Reason	O	1		
Not Used	040	SAC	Service, Promotion, Allowance, or Charge Information	O	10		
Not Used	042	AMT	Monetary Amount	O	>1		
Not Used	044	MEA	Measurements	O	>1		
Not Used	046	CRC	Conditions Indicator	O	>1		
Not Used	048	NTE	Note/Special Instruction	O	>1		
Not Used	050	PRF	Purchase Order Reference	O	1		
Not Used	052	DTM	Date/Time Reference	O	15		
Not Used	053	DD	Demand Detail	O	100		
Not Used	054	GF	Furnished Goods and Services	O	1		
13	055	TD5	Carrier Details (Routing Sequence/Transit Time)	O	5		
Not Used	056	SDQ	Destination Quantity	O	100		
LOOP ID - LM						10	
15	057	LM	Code Source Information	O	1		
16	058	LQ	Industry Code	M	100		
LOOP ID - N1						200	
17	060	N1	Name	O	1		
Not Used	070	N2	Additional Name Information	O	2		
Not Used	080	N3	Address Information	O	2		
Not Used	090	N4	Geographic Location	O	1		
Not Used	100	PER	Administrative Communications Contact	O	5		
LOOP ID - QTY						>1	

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19	110	QTY	Quantity	O	1	
Not Used	120	AMT	Monetary Amount	O	5	
21	130	DTM	Date/Time Reference	O	10	
Not Used	140	N1	Name	O	1	n2
LOOP ID - LM					10	
22	150	LM	Code Source Information	O	1	
23	160	LQ	Industry Code	M	100	
LOOP ID - LX					>1	
24	170	LX	Assigned Number	O	1	n3
25	180	N9	Reference Identification	O	>1	
Not Used	190	DTM	Date/Time Reference	O	10	
27	200	N1	Name	O	1	n4
LOOP ID - LM					10	
Not Used	210	LM	Code Source Information	O	1	
Not Used	220	LQ	Industry Code	M	100	
LOOP ID - FA1					>1	
28	225	FA1	Type of Financial Accounting Data	O	1	
29	226	FA2	Accounting Data	M	>1	
31	230	SE	Transaction Set Trailer	M	1	

Transaction Set Notes

1. Quantity is specified either in the BLI segment (BLI03) or in the QTY segment.
2. The N1 segment is used to identify the location of the material specified in the QTY loop.
3. The LX loop conveys serial number, lot number and inventory data.
4. The N1 segment identifies the name of the manufacturer associated with the serial or lot number specified in the LX loop.

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

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 180 Return Merchandise Authorization and Notification	M ID 3/3
M	ST02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set <i>A unique number assigned by the originator of the transaction set, or the originator's application program.</i>	M AN 4/9

Segment: **BGN** Beginning Segment
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of a transaction set
Syntax Notes: 1 If BGN05 is present, then BGN04 is required.
Semantic Notes: 1 BGN02 is the transaction set reference number.
 2 BGN03 is the transaction set date.
 3 BGN04 is the transaction set time.
 4 BGN05 is the transaction set time qualifier.
 5 BGN06 is the transaction set reference number of a previously sent transaction affected by the current transaction.

Comments:**Data Element Summary**

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	BGN01	353	Transaction Set Purpose Code Code identifying purpose of transaction set 00 Original 77 Simulation Exercise	M ID 2/2
M	BGN02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier <i>Use Code "Z" for this data element to satisfy mandatory X12 syntax requirements.</i>	M AN 1/30
M	BGN03	373	Date Date expressed as CCYYMMDD <i>This date corresponds to the Universal Time Coordinate (UTC).</i>	M DT 8/8
Must Use	BGN04	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 of transaction set preparation in UTC.</i> <i>2. Express time in a four-position (HHMM) format.</i>	X TM 4/8
Not Used	BGN05	623	Time Code Code identifying the time. In accordance with International Standards	O ID 2/2

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	BGN06	127	Reference Identification	O AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
Must Use	BGN07	640	Transaction Type Code	O ID 2/2
			Code specifying the type of transaction	
			FT Material Returns	
	BGN08	306	Action Code	O ID 1/2
			Code indicating type of action	
			C Cancelled	
			RF Returned to Shipper's Facility (Other Than Original Shipping Location)	
			RS Report Status	
			T Status Query	
Not Used	BGN09	786	Security Level Code	O ID 2/2
			Code indicating the level of confidentiality assigned by the sender to the information following	

Segment: **N1** Name
Position: 120
Loop: N1 Optional (Must Use)
Level: Heading
Usage: Optional (Must Use)
Max Use: 1
Purpose: To identify a party by type of organization, name, and code

Syntax Notes:
1 At least one of N102 or N103 is required.
2 If either N103 or N104 is present, then the other is required.

Semantic Notes:

Comments:
1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2 N105 and N106 further define the type of entity in N101.

Notes: *Must use this 1/N1/120 loop to identify the organization originating the transaction set.*

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 41 Submitter	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) 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)	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
Must Use	N106	98 Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual FR Message From	O ID 2/3

Must use to indicate that the organization cited in N104 originated the transaction set.

- Segment:** **BLI** **Baseline Item Data**
- Position:** 010
- Loop:** BLI Optional (Must Use)
- Level:** Detail
- Usage:** Optional (Must Use)
- Max Use:** 1
- Purpose:** To specify basic item data: item identification, quantity, and price
- Syntax Notes:**
- 1 If either BLI05 or BLI06 is present, then the other is required.
 - 2 If BLI07 is present, then BLI06 is required.
 - 3 If either BLI08 or BLI09 is present, then the other is required.
 - 4 If either BLI10 or BLI11 is present, then the other is required.
 - 5 If either BLI12 or BLI13 is present, then the other is required.
- Semantic Notes:**
- 1 BLI04, the unit of measure code applies to both quantity, (BLI03) and unit price (BLI06), unless BLI07 is present, in which case BLI04 applies only to BLI03, and BLI07 applies only to BLI06.
- Comments:**
- 1 Element 235/234 combinations should be interpreted to include products or services. See the Data Element Dictionary for a complete list of IDs.
 - 2 BLI01, BLI02, and BLI08 through BLI13 provide for four different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model, SKU.
- Notes:** *Must use to identify the material associated with the transaction.*

Data Element Summary

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
M	BLI01	235	Product/Service ID Qualifier	M ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
			A1 Plant Equipment Number	
			A2 Department of Defense Identification Code (DoDIC)	
			A4 Subsistence Identification Number	
			FB Form Number	
			FS National Stock Number	
			MG Manufacturer's Part Number	
			YP Publication Number	
			ZZ Mutually Defined	
M	BLI02	234	Product/Service ID	M AN 1/48
			Identifying number for a product or service	
Not Used	BLI03	380	Quantity	O R 1/15
			Numeric value of quantity	
Not Used	BLI04	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	
	BLI05	236	Price Identifier Code	X ID 3/3

Code identifying pricing specification

Use to provide the unit price for non-standard material only.

			ACT	Actual		
			EST	Estimated Price		
	BLI06	212	Unit Price		X	R 1/17
			Price per unit of product, service, commodity, etc.			
Not Used	BLI07	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			
	BLI08	235	Product/Service ID Qualifier		X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
			ZB	Commercial and Government Entity (CAGE) Code		
	BLI09	234	Product/Service ID		X	AN 1/48
			Identifying number for a product or service			
Not Used	BLI10	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	BLI11	234	Product/Service ID		X	AN 1/48
			Identifying number for a product or service			
Not Used	BLI12	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	BLI13	234	Product/Service ID		X	AN 1/48
			Identifying number for a product or service			
Not Used	BLI14	1161	Product Option Code		O	ID 1/2
			Code indicating an option chosen for the product			
Not Used	BLI15	1161	Product Option Code		O	ID 1/2
			Code indicating an option chosen for the product			
Not Used	BLI16	1161	Product Option Code		O	ID 1/2
			Code indicating an option chosen for the product			
Not Used	BLI17	1161	Product Option Code		O	ID 1/2
			Code indicating an option chosen for the product			
Not Used	BLI18	594	Frequency Code		O	ID 1/1
			Code indicating frequency or type of payment			

Segment: **N9 Reference Identification**
Position: 011
Loop: BLI Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
Max Use: 20
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:

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 TG Transportation Control Number (TCN) TN Transaction Reference 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
	N907	C040	Reference Identifier To identify one or more reference numbers or identification numbers as	O

			specified by the Reference Qualifier	
M	C04001	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification	
			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	
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:	TD5 Carrier Details (Routing Sequence/Transit Time)
Position:	055
Loop:	BLI Optional (Must Use)
Level:	Detail
Usage:	Optional
Max Use:	5
Purpose:	To specify the carrier and sequence of routing and provide transit time information
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of TD502 TD504 TD505 TD506 or TD512 is required. 2 If TD502 is present, then TD503 is required. 3 If TD507 is present, then TD508 is required. 4 If TD510 is present, then TD511 is required. 5 If TD513 is present, then TD512 is required. 6 If TD514 is present, then TD513 is required. 7 If TD515 is present, then TD512 is required.
Semantic Notes:	1 TD515 is the country where the service is to be performed.
Comments:	1 When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Not Used	TD501	133 Routing Sequence Code	O ID 1/2
		Code describing the relationship of a carrier to a specific shipment movement	
Not Used	TD502	66 Identification Code Qualifier	X ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)	
Not Used	TD503	67 Identification Code	X AN 2/80
		Code identifying a party or other code	
	TD504	91 Transportation Method/Type Code	X ID 1/2
		Code specifying the method or type of transportation for the shipment	
		<i>Use to identify the mode of shipment.</i>	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	TD505	387 Routing	X AN 1/35
		Free-form description of the routing or requested routing for shipment, or the originating carrier's identity	
Not Used	TD506	368 Shipment/Order Status Code	X ID 2/2
		Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction	
Not Used	TD507	309 Location Qualifier	O ID 1/2

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			Code identifying type of location	
Not Used	TD508	310	Location Identifier	X AN 1/30
			Code which identifies a specific location	
Not Used	TD509	731	Transit Direction Code	O ID 2/2
			The point of origin and point of direction	
Not Used	TD510	732	Transit Time Direction Qualifier	O ID 2/2
			Code specifying the value of time used to measure the transit time	
Not Used	TD511	733	Transit Time	X R 1/4
			The numeric amount of transit time	
Not Used	TD512	284	Service Level Code	X ID 2/2
			Code indicating the level of transportation service or the billing service offered by the transportation carrier	
Not Used	TD513	284	Service Level Code	X ID 2/2
			Code indicating the level of transportation service or the billing service offered by the transportation carrier	
Not Used	TD514	284	Service Level Code	O ID 2/2
			Code indicating the level of transportation service or the billing service offered by the transportation carrier	
Not Used	TD515	26	Country Code	O ID 2/3
			Code identifying the country	

Segment: **LM** Code Source Information
Position: 057
Loop: LM Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
Purpose: To transmit standard code list identification information

Syntax Notes:

Semantic Notes:

Comments: 1 LM02 identifies the applicable industry code list source information.

Notes: *Must use this 2/LM/057 loop to identify coded information maintained in department or agency documentation.*

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: 058
Loop: LM Optional (Must Use)
Level: Detail
Usage: Mandatory
Max Use: 100
Purpose: Code to transmit standard industry codes
Syntax Notes: 1 If LQ01 is present, then LQ02 is required.
Semantic Notes:
Comments:
Notes: *Use to identify codes, as appropriate, consistent with management information requirements.*

Data Element Summary

	<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>Use any code.</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:	060
Loop:	N1 Optional (Must Use)
Level:	Detail
Usage:	Optional (Must Use)
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	<ol style="list-style-type: none"> 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:	<ol style="list-style-type: none"> 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:	<ol style="list-style-type: none"> 1. <i>Must use one iteration of this 2/N1/060 loop to identify the organization to receive the transaction.</i> 2. <i>Use additional iterations to identify other organizations associated with the transaction.</i>

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<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>Use any code.</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	

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/N101/060 code to
indicate the organization cited in N104 is receiving
the transaction.*

Segment:	QTY Quantity
Position:	110
Loop:	QTY Optional (Must Use)
Level:	Detail
Usage:	Optional (Must Use)
Max Use:	1
Purpose:	To specify quantity information
Syntax Notes:	1 At least one of QTY02 or QTY04 is required. 2 Only one of QTY02 or QTY04 may be present.
Semantic Notes:	1 QTY04 is used when the quantity is non-numeric.
Comments:	
Notes:	<i>Use multiple iterations of the 2/QTY/110 loop to stratify quantities associated with the transaction by supply condition code.</i>

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	QTY01	673		Quantity Qualifier	M ID 2/2
				Code specifying the type of quantity	
				01 Discrete Quantity	
				28 Quantity Available for Return	
				38 Original Quantity	
				39 Shipped Quantity	
				AA Unacknowledged Quantity	
Must Use	QTY02	380		Quantity	X R 1/15
				Numeric value of quantity	
				<i>Express the quantity as a whole number with no decimal.</i>	
	QTY03	C001		Composite Unit of Measure	O
				To identify a composite unit of measure (See Figures Appendix for examples of use)	
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>Use to identify the unit of issue.</i>	
				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

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			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	QTY04	61	Free-Form Message	X AN 1/30
			Free-form information	

Segment: **DTM** **Date/Time Reference**

Position: 130

Loop: QTY Optional (Must Use)

Level: Detail

Usage: Optional

Max Use: 10

Purpose: To specify pertinent dates and times

- Syntax Notes:**
- 1 At least one of DTM02 DTM03 or DTM05 is required.
 - 2 If DTM04 is present, then DTM03 is required.
 - 3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:

Comments:

Notes: *Use multiple repetitions to identify dates associated with the material.*

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	DTM01	374	Date/Time Qualifier		M ID 3/3
				Code specifying type of date or time, or both date and time	
				036 Expiration	
				168 Release	
				510 Date Packed	
Must Use	DTM02	373	Date		X DT 8/8
				Date expressed as CCYYMMDD	
Not Used	DTM03	337	Time		X TM 4/8
				Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
Not Used	DTM04	623	Time Code		O ID 2/2
				Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	
Not Used	DTM05	1250	Date Time Period Format Qualifier		X ID 2/3
				Code indicating the date format, time format, or date and time format	
Not Used	DTM06	1251	Date Time Period		X AN 1/35
				Expression of a date, a time, or range of dates, times or dates and times	

Segment: **LM** Code Source Information
Position: 150
Loop: LM Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To transmit standard code list identification information

Syntax Notes:

Semantic Notes:

Comments: 1 LM02 identifies the applicable industry code list source information.

Notes: *Use the 2/LM/150 loop to identify the supply condition of the material.*

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: 160
Loop: LM Optional
Level: Detail
Usage: Mandatory
Max Use: 100
Purpose: Code to transmit standard industry codes
Syntax Notes: 1 If LQ01 is present, then LQ02 is required.
Semantic Notes:
Comments:

Notes: *Use to identify codes, as appropriate, consistent with management information requirements.*

Data Element Summary

	<u>Ref.</u>	<u>Data</u>		<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
Must Use	LQ01	1270	Code List Qualifier Code	O ID 1/3
			Code identifying a specific industry code list	
			83 Supply Condition Code	
Must Use	LQ02	1271	Industry Code	X AN 1/30
			Code indicating a code from a specific industry code list	

Segment: **LX** Assigned Number
Position: 170
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: *Use as a counter for reports of material availability and notifications of automatic shipment to identify the number of 2/LX/170 loop iterations.*

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/170 loop iteration, cite numeric 1. In each subsequent loop iteration, increase incrementally by 1.</i>	

Segment: **N9 Reference Identification**
Position: 180
Loop: LX 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 the 2/N9/180 loop to provide Unique Identification (UID) information for the purpose of Unique Item Tracking (UIT).*

Data Element Summary

	Ref.	Data	Attributes
	Des.	Element Name	
M	N901	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)	
	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	
	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:	200
Loop:	LX Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	<ol style="list-style-type: none"> 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:	<ol style="list-style-type: none"> 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:	<i>Use to identify the manufacturer of the UIT item.</i>

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<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	
		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: 225
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

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</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	
	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: 226
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 segment to identify the various components of the line of accounting and numbers associated with a line of accounting.*

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</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
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 Accountable Station Number. The Accountable Station Code is the Fiscal Station Number (FSN) of both the Army and the Office of the Secretary of Defense (OSD), the Authorization Accounting Activity (AAA) of the Navy, or the Accounting and Disbursing Station Number (ADSN) used by the Air Force. The Accountable Station Codes (TAC3) are published in the DoD 7000.14-R (Financial Management Regulation). Civilian Agencies will cite their equivalent organization code.

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: 230
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.	Data		Attributes
		<u>Des.</u>	<u>Element</u> <u>Name</u>	
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>	