



Federal Implementation Guideline for Electronic Data Interchange

ASC X12 003060 Transaction Set 867D Product Transfer and Resale Report (Demand)

Implementation Convention



U.S. DEPARTMENT OF COMMERCE
Technology Administration
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¹ At Boulder, CO 80303.

² Some elements at Boulder, CO.

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Electronic Commerce Acquisition Program Management Office
Standard Management Committee - Secretariat
National Institute of Standards and Technology
Gaithersburg, MD 20899-0001

Editor: Dr. Jean-Philippe Favreau

August 1998



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Reports on Information Technology

The National Institute of Standards and Technology (NIST)'s Information Technology Laboratory (ITL) develops standards and guidelines, provides technical assistance, and conducts research for computers and resources. As part of the overall federal effort to establish a single face to industry for conducting electronic commerce, ITL has been designated as the organization responsible for coordinating the development of Federal Implementation Conventions (ICs) for Electronic Data Interchange (EDI). ICs are defined by functional-area experts who create and select options from standard EDI Transaction Sets to yield the implementations to be used for practical EDI. These ICs are made available to federal agencies and industry by electronic means and this Special Publication Series.

National Institute of Standards and Technology Special Publication 881-75
Natl. Inst. Stand. Technol. Spec. Publ. 881-75, 42 pages (Aug. 1998)
CODEN: NSPUE2

U.S. GOVERNMENT PRINTING OFFICE
WASHINGTON: 1998

867 Product Transfer and Resale Report

Functional Group ID=PT

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Product Transfer and Resale Report Transaction Set (867) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to: (1) report information about product that has been transferred from one location to another; (2) report sales of product from one or more locations to an end customer; or (3) report sales of a product from one or more locations to an end customer, and demand beyond actual sales (lost orders). Report may be issued by either buyer or seller.

Notes:

- 1. Organizations use this transaction set to record demand for items that are obtained locally.*
- 2. Use a single occurrence of this transaction set to transmit demand transactions to one or more activities. Use one occurrence of this transaction set to transmit a single or multiple transactions.*
- 3. A single transaction set may contain a combination of demand transactions for standard and nonstandard material.*
- 4. Users operating under the Defense Logistics Management System (DLMS) must reference the Unit of Issue and Purchase Unit Conversion Table and Accounting Classification Appendix which can be found on the National Institute of Standards and Technology (NIST) World Wide Web site.*

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BPT	Beginning Segment for Product Transfer and Resale	M	1		
Not Used	040	CUR	Currency	O	1		
Not Used	050	DTM	Date/Time Reference	O	10		
Not Used	060	REF	Reference Identification	O	12		
Not Used	070	PER	Administrative Communications Contact	O	3		
Not Used	075	MEA	Measurements	O	20		
Not Used	078	PSA	Partner Share Accounting	O	10		
LOOP ID - N1						5	
Must Use	080	N1	Name	O	1		
Not Used	090	N2	Additional Name Information	O	2		
Not Used	100	N3	Address Information	O	2		
Not Used	110	N4	Geographic Location	O	1		
Not Used	120	REF	Reference Identification	O	12		
LOOP ID - PER						>1	
	130	PER	Administrative Communications Contact	O	1		
Not Used	135	REF	Reference Identification	O	>1		
LOOP ID - LM						>1	
Must Use	140	LM	Code Source Information	O	1		

867D - Product Transfer and Resale Report (Demand)

Must Use 150 LQ Industry Code M 100

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - PTD			>1	
Must Use	010	PTD	Product Transfer and Resale Detail	M	1		
	020	DTM	Date/Time Reference	O	10		
Must Use	030	REF	Reference Identification	O	20		
Not Used	035	PRF	Purchase Order Reference	O	1		
Not Used	040	PER	Administrative Communications Contact	O	3		
Not Used	045	MAN	Marks and Numbers	O	1		
			LOOP ID - N1			5	
Must Use	050	N1	Name	O	1		
Not Used	060	N2	Additional Name Information	O	2		
Not Used	070	N3	Address Information	O	2		
Not Used	080	N4	Geographic Location	O	1		
Not Used	090	REF	Reference Identification	O	20		
Not Used	100	PER	Administrative Communications Contact	O	3		
			LOOP ID - SII			>1	
Not Used	105	SII	Sales Item Information	O	1		
Not Used	107	N9	Reference Identification	O	1		
			LOOP ID - QTY			>1	
Must Use	110	QTY	Quantity	O	1		
	120	LIN	Item Identification	O	1		
Not Used	122	PO3	Additional Item Detail	O	25		
Not Used	125	PO4	Item Physical Details	O	1		
Not Used	130	UIT	Unit Detail	O	12		
	140	AMT	Monetary Amount	O	12		
Not Used	141	ITA	Allowance, Charge or Service	O	10		
	150	PID	Product/Item Description	O	200		
	160	MEA	Measurements	O	40		
Not Used	170	PWK	Paperwork	O	25		
Not Used	180	PKG	Marking, Packaging, Loading	O	25		
	190	REF	Reference Identification	O	>1		
Not Used	200	PER	Administrative Communications Contact	O	3		
	210	DTM	Date/Time Reference	O	10		
Not Used	220	CUR	Currency	O	1		
	230	AT	Financial Accounting	O	>1		
	240	DD	Demand Detail	O	1		
	250	LDT	Lead Time	O	1		
			LOOP ID - LM			>1	
	260	LM	Code Source Information	O	1		
	270	LQ	Industry Code	O	100		
			LOOP ID - LX			>1	
Not Used	280	LX	Assigned Number	O	1		nI
Not Used	290	REF	Reference Identification	O	>1		
Not Used	300	DTM	Date/Time Reference	O	1		

867D - Product Transfer and Resale Report (Demand)

Not Used	310	N1	Name	O	1	
			LOOP ID - LM		>1	
Not Used	320	LM	Code Source Information	O	1	
Not Used	330	LQ	Industry Code	M	100	

Summary:

	<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>
			LOOP ID - CTT			1	
Not Used	010	CTT	Transaction Totals	O	1		n2
Not Used	020	AMT	Monetary Amount	O	12		
Not Used	021	ITA	Allowance, Charge or Service	O	10		
Must Use	030	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. The LX loop conveys serial number, lot number, and inventory data.
2. The number of line items (CTT01) is the accumulation of the number of LIN segments. If used, hash total (CTT02) is the sum of the value of quantities (QTY02) for each QTY segment.

Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes: 1 The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 867 X12.33 Product Transfer and Resale Report	M ID 3/3
Must Use	ST02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set <i>A unique number assigned by the originator of the transaction set, or the originator's application program.</i>	M AN 4/9

Segment: **BPT** Beginning Segment for Product Transfer and Resale
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of the Product Transfer and Resale Report Transaction Set and transmit identifying data
Syntax Notes: 1 If either BPT05 or BPT06 is present, then the other is required.
Semantic Notes: 1 BPT02 identifies the transfer/resale number.
 2 BPT03 identifies the transfer/resale date.
 3 BPT08 identifies the transfer/resale time.
 4 BPT09 is used when it is necessary to reference a Previous Report Number.
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	BPT01	353	Transaction Set Purpose Code Code identifying purpose of transaction set	M ID 2/2
			00 Original	
			77 Simulation Exercise	
			<i>Use to identify a simulated mobilization exercise transaction set. Activities initiating simulated mobilization exercises must ensure complete coordination with all activities involved. All transaction set recipients must use extreme caution to ensure that individual transactions are not processed as action documents which affect accountable records.</i>	
Not Used	BPT02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	O AN 1/30
Must Use	BPT03	373	Date Date (YYMMDD)	M DT 6/6
			<i>Must use to identify the originator's date of the transaction set preparation. This date corresponds to the Universal Time Coordinate (UTC).</i>	
Must Use	BPT04	755	Report Type Code Code indicating the title or contents of a document, report or supporting item	O ID 2/2
			TO Demand Report	
			<i>Use to indicate that the transaction set contains demand transactions for standard or nonstandard material.</i>	
Not Used	BPT05	648	Price Multiplier Qualifier Code indicating the type of price multiplier	X ID 3/3
Not Used	BPT06	649	Multiplier Value to be used as a multiplier to obtain a new value	X R 1/10
Not Used	BPT07	306	Action Code Code indicating type of action	O ID 1/2
	BPT08	337	Time	O TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
			<i>1. Express the originating activity's transaction set preparation time of in</i>	

UTC.

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

Not Used	BPT09	127	Reference Identification	O AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
Not Used	BPT10	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: 080
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/N1/080 loop to identify the organization originating the transaction set.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	N101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, or an individual <i>Use only one of codes OB, QB, or SB.</i>	M ID 2/2
			OB Ordered By <i>Use to identify the requisitioner.</i>	
			QB Purchase Service Provider Entity from which medical supplies may be bought <i>Use to indicate a procurement contracting office or other purchasing activity.</i>	
			SB Storage Area <i>Use to identify the depot or storage activity.</i>	
Not Used	N102	93	Name Free-form name	X AN 1/35
Must Use	N103	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67)	X ID 1/2
		1	D-U-N-S Number, Dun & Bradstreet	
		9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix	
		10	Department of Defense Activity Address Code (DODAAC)	
		M4	Department of Defense Routing Identifier Code (RIC) An integral and predetermined participant in an established logistical system performing general logistic control, distribution, and storage functions	
Must Use	N104	67	Identification Code Code identifying a party or other code	X AN 2/20
Not Used	N105	706	Entity Relationship Code Code describing entity relationship	O ID 2/2
Must Use	N106	98	Entity Identifier Code Code identifying an organizational entity, a physical location, or an individual	O ID 2/2
			FR Message From <i>Must use with the appropriate 1/N101/080 code to indicate that the organization cited in N104 is originating the transaction set.</i>	

Segment: PER Administrative Communications Contact**Position:** 130**Loop:** PER Optional**Level:** Heading**Usage:** Optional**Max Use:** 1**Purpose:** To identify a person or office to whom administrative communications should be directed**Syntax Notes:** 1 If either PER03 or PER04 is present, then the other is required.

2 If either PER05 or PER06 is present, then the other is required.

3 If either PER07 or PER08 is present, then the other is required.

Semantic Notes:**Comments:****Notes:** 1. *Use only under exceptional circumstances when requiring direct communication with the party originating the transaction set. Do not use when reversing a transaction.*2. *Use multiple iterations of the 1/PER/130 loop to identify a point of contact (POC) and multiple communications numbers. When using multiple iterations to identify different communication numbers for a single POC, repeat the name cited in PER02.***Data Element Summary**

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	PER01	366	Contact Function Code Code identifying the major duty or responsibility of the person or group named IC Information Contact <i>Use to identify the primary point of contact and their communications numbers.</i>	M ID 2/2
Must Use	PER02	93	Administrative Communications Contact. Free-form name <i>Provide the last name, first name, middle initial, and rate/rank/title, as required, of the individual named as POC. Include blank spaces between name components and periods after initials. Do not include NMN or NMI when a middle initial is not available.</i>	O AN 1/35
Must Use	PER03	365	Communication Number Qualifier Code identifying the type of communication number 1. <i>Use to identify the preferred method of communications in the first repetition. Use PER05/6 and PER07/8 to identify additional communications numbers. Use additional repetitions of the PER segment to identify more than three communications numbers.</i> 2. <i>Do not include blank spaces, dashes or parentheses between numbers.</i> AU Defense Switched Network Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON) <i>Use to identify the DSN telephone number.</i> EM Electronic Mail 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>	X ID 2/2

			TL	Telex	
			TX	TWX	
Must Use	PER04	364	Communication Number		
					X AN 1/80
			Complete communications number including country or area code when applicable		
	PER05	365	1. Use to identify an alternate, or secondary, communications number which can be used to contact the specified POC.		
					X ID 2/2
			Code identifying the type of communication number		
			1. Use to identify an alternate, or secondary, communications number which can be used to contact the specified POC.		
			2. Do not include blank spaces, dashes or parentheses between numbers.		
			AU	Defense Switched Network	
				Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)	
				Use to identify the DSN telephone number.	
			EM	Electronic Mail	
			EX	Telephone Extension	
				Use immediately following codes AU, IT, or TE to identify the telephone extension.	
			FX	Facsimile	
				Use to identify the facsimile (FAX) telephone number.	
			IT	International Telephone	
				Include country and city code.	
			TE	Telephone	
				Use to identify the commercial telephone number.	
				Include the area code and number.	
			TL	Telex	
			TX	TWX	
	PER06	364	Communication Number		
					X AN 1/80
			Complete communications number including country or area code when applicable		
	PER07	365	Communication Number Qualifier		
					X ID 2/2
			Code identifying the type of communication number		
			1. Use to identify an alternate, or secondary, communications number which can be used to contact the specified POC.		
			2. Do not include blank spaces, dashes, or parentheses between numbers.		
			AU	Defense Switched Network	
				Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)	
				Use to identify the DSN telephone number.	
			EM	Electronic Mail	
			EX	Telephone Extension	
				Use immediately following codes AU, IT, or TE to identify the telephone extension.	
			FX	Facsimile	
				Use to identify the facsimile (FAX) telephone number.	
			IT	International Telephone	
				Include country and city code.	

TE Telephone

*Use to identify the commercial telephone number.
Include the area code and number.*

TL Telex

TX TWX

PER08 364 Communication Number X AN 1/80

Complete communications number including country or area code when applicable

PER09 443 Contact Inquiry Reference O AN 1/20

Additional reference number or description to clarify a contact number

Use as needed to indicate the office symbol or activity code for the identified party.

Segment: **LM** Code Source Information
Position: 140
Loop: LM Optional (Must Use)
Level: Heading
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 the 1/LM/140 loop to identify the type of transaction.*

Data Element Summary

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

Segment: **LQ** Industry Code
Position: 150
Loop: LM Optional (Must Use)
Level: Heading
Usage: Mandatory
Max Use: 100
Purpose: Code to transmit standard industry codes
Syntax Notes: 1 If LQ01 is present, then LQ02 is required.
Semantic Notes:
Comments:
Notes: *Use to identify codes, as appropriate, consistent with management information requirements.*

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	LQ01	1270	Code List Qualifier Code Code identifying a specific industry code list 0 Document Identification Code Codes that subclassify a transaction	O ID 1/3
Must Use	LQ02	1271	Industry Code Code indicating a code from a specific industry code list	X AN 1/30

Segment: **PTD** Product Transfer and Resale Detail

Position: 010

Loop: PTD Mandatory

Level: Detail

Usage: Mandatory

Max Use: 1

Purpose: To indicate the start of detail information relating to the transfer/resale of a product and provide identifying data

Syntax Notes: 1 If either PTD02 or PTD03 is present, then the other is required.

2 If either PTD04 or PTD05 is present, then the other is required.

Semantic Notes:

Comments:

Notes: *Use to indicate that the transaction is for demand reporting only.*

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	PTD01	521	Product Transfer Type Code Code identifying the type of product transfer BB Demand Information Only No physical transfer of material occurs; historical demand information is provided for record purposes only	M ID 2/2
Not Used	PTD02	648	Price Multiplier Qualifier Code indicating the type of price multiplier	X ID 3/3
Not Used	PTD03	649	Multiplier Value to be used as a multiplier to obtain a new value	X R 1/10
Not Used	PTD04	128	Reference Identification Qualifier Code qualifying the Reference Identification	X ID 2/3
Not Used	PTD05	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	PTD06	486	Product Transfer Movement Type Code To indicate the type of product transfer movement	O ID 2/2

Segment: **DTM** Date/Time Reference
Position: 020
Loop: PTD Mandatory
Level: Detail
Usage: Optional
Max Use: 10
Purpose: To specify pertinent dates and times
Syntax Notes: 1 At least one of DTM02 DTM03 or DTM06 is required.
2 If either DTM06 or DTM07 is present, then the other is required.
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	DTM01	374	Date/Time Qualifier Code specifying type of date or time, or both date and time <i>Use to identify the date of transaction preparation.</i> 097 Transaction Creation <i>Use to identify the date the transaction was prepared.</i>	M ID 3/3
Must Use	DTM02	373	Date Date (YYMMDD)	X DT 6/6
Not Used	DTM03	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	DTM04	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
	DTM05	624	Century The first two characters in the designation of the year (CCYY)	O N0 2/2
Not Used	DTM06	1250	Date Time Period Format Qualifier Code indicating the date format, time format, or date and time format	X ID 2/3
Not Used	DTM07	1251	Date Time Period Expression of a date, a time, or range of dates, times or dates and times	X AN 1/35

Segment: **REF** Reference Identification
Position: 030
Loop: PTD Mandatory
Level: Detail
Usage: Optional (Must Use)
Max Use: 20
Purpose: To specify identifying information
Syntax Notes:

- 1 At least one of REF02 or REF03 is required.
- 2 If either C04003 or C04004 is present, then the other is required.
- 3 If either C04005 or C04006 is present, then the other is required.

Semantic Notes:

- 1 REF04 contains data relating to the value cited in REF02.

Comments:
Notes: *Must use the 2/REF/030 segment to identify the material and other data pertinent to the transaction.*

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification <i>Use only one of codes II, EQ, FQ, MF, NS, S6, WL or XD to properly identify the material provided. Must use National Stock Number (NSN) when known.</i>	M ID 2/3
			II Department of Defense Identification Code (DoDIC) Qualifies a code that uniquely identifies a type of explosive or ammunition <i>Use to identify ammunition items.</i>	
			EQ Equipment Number <i>Use to identify plant equipment.</i>	
			FQ Form Number <i>Use to identify the form stock number.</i>	
			MF Manufacturers Part Number <i>Use to identify the manufacturer's part number for nonstandard material originally requested.</i>	
			NS National Stock Number <i>Must use NSN when known.</i>	
			S6 Stock Number <i>Use to identify the publication stock number.</i>	
			TN Transaction Reference Number <i>Must use to identify the transaction number of the associated transaction.</i>	
			WL Federal Supply Classification Code <i>Use to identify the Federal Supply Classification number of nonstandard material when a part number is not available and material can only be identified by description (e.g., non-NSN lumber products). Use REF03 to provide the appropriate description.</i>	
			XD Subsistence Identification Number Item identifier is a brand-name resale subsistence item <i>Use to identify subsistence items.</i>	
	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
	REF03	352	Description	X AN 1/80

			A free-form description to clarify the related data elements and their content <i>Use with REF01 code WL to provide a description of the material.</i>	
	REF04	C040	Reference Identifier	O
			To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	
Must Use	C04001	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification	
			W7	Commercial and Government Entity (CAGE) Code Code that identifies a commercial contractor authorized to do business with the U.S. Government <i>Use with REF01 code MF to uniquely identify the manufacturer's part number.</i>
			W8	Suffix Differentiates between partial actions taken on the original transaction <i>Use in conjunction with REF01 code TN to identify the transaction number suffix.</i>
Must Use	C04002	127	Reference Identification	M AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
Not Used	C04003	128	Reference Identification Qualifier	X ID 2/3
			Code qualifying the Reference Identification	
Not Used	C04004	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
Not Used	C04005	128	Reference Identification Qualifier	X ID 2/3
			Code qualifying the Reference Identification	
Not Used	C04006	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	

Segment:	N1 Name
Position:	050
Loop:	N1 Optional (Must Use)
Level:	Detail
Usage:	Optional (Must Use)
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required. 2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party. 2 N105 and N106 further define the type of entity in N101.
Notes:	1. <i>Must use one iteration of this 2/N1/050 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

Ref.	Data	Name	Attributes
Des.	Element		
Must Use	N101	Entity Identifier Code	M ID 2/2
		Code identifying an organizational entity, a physical location, or an individual	
		OB Ordered By	
		<i>Use to identify the requisitioner.</i>	
		QB Purchase Service Provider	
		Entity from which medical supplies may be bought	
		<i>Use to indicate a procurement contracting office or other purchasing activity.</i>	
		SB Storage Area	
		<i>Use to identify the depot or storage activity.</i>	
		SU Supplier/Manufacturer	
		<i>Use to identify the supplier of the item when different from the manufacturer. The manufacturer is identified in 2/REF01/030 in conjunction with the manufacturer's part number.</i>	
		Z4 Owning Inventory Control Point	
		An inventory control organization responsible for management of a particular item	
		<i>Use to identify the inventory control organization.</i>	
		ZE End Item Manufacturer	
		Manufacturer of the end item associated with the required material	
N102	93	Name	X AN 1/35
		Free-form name	
		<i>Use with N101 code ZE to identify the manufacturer of the end item (Make). When using, N102 will cite the actual name of the end item manufacturer.</i>	
N103	66	Identification Code Qualifier	X ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)	
		<i>Do not use with code ZE.</i>	
		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)	
			<i>Use when the activity is a contractor not assigned a DoDAAC.</i>	
		M4	Department of Defense Routing Identifier Code (RIC)	
			An integral and predetermined participant in an established logistical system performing general logistic control, distribution, and storage functions	
	N104	67	Identification Code	X AN 2/20
			Code identifying a party or other code	
			<i>Do not use with code ZE.</i>	
Not Used	N105	706	Entity Relationship Code	O ID 2/2
			Code describing entity relationship	
	N106	98	Entity Identifier Code	O ID 2/2
			Code identifying an organizational entity, a physical location, or an individual	
		TO	Message To	
			<i>Must use with 2/N101/050 code Z4 to indicate the organization cited in N104 is receiving the transaction.</i>	

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:
Semantic Notes:
Comments:
Notes:

1. Must use the 2/QTY/110 loop to identify the quantity of material obtained locally and provide additional descriptive information about the material.

2. Must use only one iteration of the 2/QTY/110 loop for each iteration of the 2/PTD/010 loop.

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	QTY01	673	Quantity Qualifier Code specifying the type of quantity <i>To reverse all or part of a demand transaction, use a minus sign in front of the quantity being reversed.</i> YA Total Demand Quantity Sum total of all demands	M ID 2/2
Must Use	QTY02	380	Quantity Numeric value of quantity	M R 1/15
	QTY03	C001	Composite Unit of Measure To identify a composite unit of measure (See Figures Appendix for examples of use)	O
Must Use	C00101	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <i>Use to identify the unit of issue. DLMS users see the Unit of Issue and Purchase Unit Conversion Table for available codes.</i>	M ID 2/2
Not Used	C00102	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00103	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00104	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00105	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00106	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00107	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00108	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00109	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00110	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in	O ID 2/2

Not Used	C00111	1018	which a measurement has been taken Exponent Power to which a unit is raised	O R 1/15
Not Used	C00112	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00113	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00114	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00115	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10

Segment:	LIN	Item Identification
Position:	120	
Loop:	QTY	Optional (Must Use)
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify basic item identification data	
Syntax Notes:	<p>1 If either LIN04 or LIN05 is present, then the other is required.</p> <p>2 If either LIN06 or LIN07 is present, then the other is required.</p> <p>3 If either LIN08 or LIN09 is present, then the other is required.</p> <p>4 If either LIN10 or LIN11 is present, then the other is required.</p> <p>5 If either LIN12 or LIN13 is present, then the other is required.</p> <p>6 If either LIN14 or LIN15 is present, then the other is required.</p> <p>7 If either LIN16 or LIN17 is present, then the other is required.</p> <p>8 If either LIN18 or LIN19 is present, then the other is required.</p> <p>9 If either LIN20 or LIN21 is present, then the other is required.</p> <p>10 If either LIN22 or LIN23 is present, then the other is required.</p> <p>11 If either LIN24 or LIN25 is present, then the other is required.</p> <p>12 If either LIN26 or LIN27 is present, then the other is required.</p> <p>13 If either LIN28 or LIN29 is present, then the other is required.</p> <p>14 If either LIN30 or LIN31 is present, then the other is required.</p>	
Semantic Notes:	1 LIN01 is the line item identification	
Comments:	<p>1 See the Data Dictionary for a complete list of IDs.</p> <p>2 LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.</p>	
Notes:	<p><i>1. Use only to provide a detailed description of the nonstandard material, identified in 2/REF/030. Use with the 2/PID/150, 2/MEA/160, 2/REF/190, and 2/DTM/210 segments, and the 2/N1/050 loop to fully identify the material.</i></p> <p><i>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.</i></p>	

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Not Used	LIN01	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set	O AN 1/20
Must Use	LIN02	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	M ID 2/2
		A3	Locally Assigned Control Number Item identifier is a locally assigned control number used to catalog and manage material <i>Use to identify the locally assigned number under which the nonstandard material is managed.</i>	
		AB	Assembly <i>Use to identify the assembly associated with the material.</i>	
		CL	Color	
		CN	Commodity Name <i>Use to identify the nomenclature of the nonstandard material.</i>	
		DR	Drawing Revision Number	

EM	Equipment Identification Number Product identification number <i>Use to identify the equipment identification code associated of the material.</i>
F1	Catalog Number Item identifier specifies a manufacturer's catalog that applies to an item <i>Use to identify the manufacturer's catalog which references the nonstandard material. Cite the effective catalog publication date, if applicable, in the 2/DTM/210 segment.</i>
F2	Technical Order Number Item identifier specifies a technical order that applies to an item
F3	Technical Manual Number Item identifier specifies the technical manual listing the item
F4	Series Identifier An identification of equipments having the same basic design but not necessarily identical configurations (within the equipment model) <i>Use to cite the manufacturer's series number of the nonstandard material.</i>
F7	End-Item Description Item identifier describes an end-item associated with the use of the required material <i>Use to identify the applicable end item which applies to nonstandard material. Description may include NSN or nomenclature.</i>
GS	General Specification Number <i>Use to indicate a specification number, other than a Military Specification (MILSPEC), associated with the nonstandard material.</i>
MN	Model Number <i>Use to identify the manufacturer's model number of the nonstandard material.</i>
MS	Military Specification (MILSPEC) Number
PR	Process Number <i>Use to identify a general operating specification which cannot be identified by use of the 2/MEA/160 segment. For example, the MEA use is primarily to identify physical sizes and dimensions of nonstandard material. Code PR's use is to indicate specifications similar to output rated wattage and horsepower.</i>
PT	Print or Drawing <i>Use to identify the applicable drawing numbers for the nonstandard material.</i>
PW	Part Drawing <i>Use to identify the applicable figure numbers for the nonstandard material.</i>
SN	Serial Number <i>Use to identify the manufacturer's serial number assigned to the material.</i>
VS	Vendor's Supplemental Item Number <i>Use to identify the piece number of the material.</i>

			YP	Publication Number		
			<i>Use to identify publication or catalog reference numbers.</i>			
Must Use	LIN03	234	Product/Service ID		M	AN 1/40
			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)			
	LIN05	234	Product/Service ID		X	AN 1/40
			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)			
	LIN07	234	Product/Service ID		X	AN 1/40
			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)			
	LIN09	234	Product/Service ID		X	AN 1/40
			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)			
	LIN11	234	Product/Service ID		X	AN 1/40
			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)			
	LIN13	234	Product/Service ID		X	AN 1/40
			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)				
LIN15	234	Product/Service ID		X	AN 1/40	
		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)				
LIN17	234	Product/Service ID		X	AN 1/40	
		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)				
LIN19	234	Product/Service ID		X	AN 1/40	
		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)				
LIN21	234	Product/Service ID		X	AN 1/40	
		Identifying number for a product or service				
LIN22	235	Product/Service ID Qualifier		X	ID 2/2	
		Code identifying the type/source of the descriptive number used in				

LIN23	234	Product/Service ID (234) Product/Service ID	X	AN 1/40
		Identifying number for a product or service		
LIN24	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
LIN25	234	Product/Service ID	X	AN 1/40
		Identifying number for a product or service		
LIN26	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
LIN27	234	Product/Service ID	X	AN 1/40
		Identifying number for a product or service		
LIN28	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
LIN29	234	Product/Service ID	X	AN 1/40
		Identifying number for a product or service		
LIN30	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
LIN31	234	Product/Service ID	X	AN 1/40
		Identifying number for a product or service		

Segment: **AMT** Monetary Amount
 Position: 140
 Loop: QTY Optional (Must Use)
 Level: Detail
 Usage: Optional
 Max Use: 12
 Purpose: To indicate the total monetary amount
 Syntax Notes:
 Semantic Notes:
 Comments:
 Notes: *Use to identify the price or cost of material provided from a local source, other than inventory.*

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
Must Use	AMT01	522 Amount Qualifier Code Code to qualify amount <i>Use only one of codes 29, L, or OP to identify the cost of the material.</i> 29 Estimated Price The latest revised estimate of the total cost at complete for a contract <i>Use to identify the estimated unit cost when the material is manufactured or fabricated.</i> L Local <i>Use to identify the unit purchase price.</i> OP Original Payment Total <i>Use to identify the unit price originally paid for the material when it is replaced under warranty at no cost.</i>	M ID 1/2
Must Use	AMT02	782 Monetary Amount Monetary amount <i>Value must be expressed in U.S. currency, i.e., in dollars and cents with a decimal included.</i>	M R 1/15
Not Used	AMT03	478 Credit/Debit Flag Code Code indicating whether amount is a credit or debit	O ID 1/1

Segment:	PID Product/Item Description
Position:	150
Loop:	QTY Optional (Must Use)
Level:	Detail
Usage:	Optional
Max Use:	200
Purpose:	To describe a product or process in coded or free-form format
Syntax Notes:	1 If PID04 is present, then PID03 is required. 2 At least one of PID04 or PID05 is required. 3 If PID07 is present, then PID03 is required. 4 If PID08 is present, then PID03 is required.
Semantic Notes:	1 Use PID03 to indicate the organization that publishes the code list being referred to. 2 PID04 should be used for industry-specific product description codes. 3 PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate. 4 PID09 is used to identify the language being used in PID05.
Comments:	1 If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used. 2 Use PID06 when necessary to refer to the product surface or layer being described in the segment. 3 PID07 specifies the individual code list of the agency specified in PID03.
Notes:	<i>Use to describe nonstandard material only when 2/LIN/120, 2/MEA/160, and 2/REF/190 do not provide adequate descriptive capability. Use multiple repetitions as needed to provide the narrative descriptive information. Do not use with reversals.</i>

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	PID01	349	Item Description Type Code indicating the format of a description F Free-form	M ID 1/1
Not Used	PID02	750	Product/Process Characteristic Code Code identifying the general class of a product or process characteristic	O ID 2/3
Not Used	PID03	559	Agency Qualifier Code Code identifying the agency assigning the code values	X ID 2/2
Not Used	PID04	751	Product Description Code A code from an industry code list which provides specific data about a product characteristic	X AN 1/12
Must Use	PID05	352	Description A free-form description to clarify the related data elements and their content	X AN 1/80
Not Used	PID06	752	Surface/Layer/Position Code Code indicating the product surface, layer or position that is being described	O ID 2/2
Not Used	PID07	822	Source Subqualifier A reference that indicates the table or text maintained by the Source Qualifier	O AN 1/15
Not Used	PID08	1073	Yes/No Condition or Response Code Code indicating a Yes or No condition or response	O ID 1/1
Not Used	PID09	819	Language Code Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)	O ID 2/3

Segment: **MEA** Measurements

Position: 160

Loop: QTY Optional (Must Use)

Level: Detail

Usage: Optional

Max Use: 40

Purpose: To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)

- Syntax Notes:
- 1 At least one of MEA03 MEA05 MEA06 or MEA08 is required.
 - 2 If MEA05 is present, then MEA04 is required.
 - 3 If MEA06 is present, then MEA04 is required.
 - 4 If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required.
 - 5 Only one of MEA08 or MEA03 may be present.

Semantic Notes: 1 MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.

Comments: 1 When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

Notes: *Use multiple repetitions to identify any measurement/dimensions related to nonstandard material only. Do not use with reversals.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Not Used	MEA01	737	Measurement Reference ID Code Code identifying the broad category to which a measurement applies	O ID 2/2
Must Use	MEA02	738	Measurement Qualifier Code identifying a specific product or process characteristic to which a measurement applies <i>Use to identify the specific dimension/measurement quantified in MEA03 and MEA04.</i>	O ID 1/3
		DI	Diameter	
		DN	Density	
		DP	Depth	
		FQ	Frequency	
		G	Gross Weight	
		GL	Gloss	
		HT	Height	
		ID	Inside Diameter	
		LN	Length	
		LPR	Line Pressure	
			Fluid pressure of the production line between the well and the separator unit or gathering line	
		MD	Measurement Voltage	
			The reference voltage level on AC waveforms for determining AC performance	
		OD	Outside Diameter	
		PB	Pressure	
		TF	Tensile	
		TH	Thickness	
		UCB	Cube	
			The external cubic dimensions of a specified product	
		VO	Voltage	
		VOL	Volume	

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

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

Not Used	C00102	1018	Exponent Power to which a unit is raised	O	R 1/15
Not Used	C00103	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00104	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
Not Used	C00105	1018	Exponent Power to which a unit is raised	O	R 1/15
Not Used	C00106	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00107	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
Not Used	C00108	1018	Exponent Power to which a unit is raised	O	R 1/15
Not Used	C00109	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00110	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
Not Used	C00111	1018	Exponent Power to which a unit is raised	O	R 1/15
Not Used	C00112	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00113	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID 2/2
Not Used	C00114	1018	Exponent Power to which a unit is raised	O	R 1/15
Not Used	C00115	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	MEA05	740	Range Minimum The value specifying the minimum of the measurement range	X	R 1/20
Not Used	MEA06	741	Range Maximum The value specifying the maximum of the measurement range	X	R 1/20
Not Used	MEA07	935	Measurement Significance Code Code used to benchmark, qualify or further define a measurement value	O	ID 2/2
Not Used	MEA08	936	Measurement Attribute Code Code used to express an attribute response when a numeric measurement value cannot be determined	X	ID 2/2
Not Used	MEA09	752	Surface/Layer/Position Code Code indicating the product surface, layer or position that is being described	O	ID 2/2
Not Used	MEA10	1373	Measurement Method or Device The method or device used to record the measurement	O	ID 2/4

Segment:	REF Reference Identification
Position:	190
Loop:	QTY Optional (Must Use)
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify identifying information
Syntax Notes:	1 At least one of REF02 or REF03 is required. 2 If either C04003 or C04004 is present, then the other is required. 3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 REF04 contains data relating to the value cited in REF02.
Comments:	
Notes:	<i>Use multiple repetitions as needed to fully describe the material. Do not use with reversals.</i>

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification BB Authorization Number Proves that permission was obtained to provide a service <i>Use to identify an allowance list or authorization document that justifies the need for the material.</i> QP Substitute Part Number <i>Use to identify the manufacturer's part number of the nonstandard material actually locally obtained. Use only if different than the part number identified in 2/REF/030.</i>	M ID 2/3
	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
	REF03	352	Description A free-form description to clarify the related data elements and their content	X AN 1/80
	REF04	C040	Reference Identifier To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O
Must Use	C04001	128	Reference Identification Qualifier Code qualifying the Reference Identification W7 Commercial and Government Entity (CAGE) Code Code that identifies a commercial contractor authorized to do business with the U.S. Government	M ID 2/3
Must Use	C04002	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M AN 1/30
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	X AN 1/30

specified by the Reference Identification Qualifier

Segment: **DTM** Date/Time Reference

Position: 210

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 DTM06 is required.
2 If either DTM06 or DTM07 is present, then the other is required.

Semantic Notes:

Comments:

Notes: *Use multiple repetitions as needed to identify the dates associated with the demand requirements.*

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	DTM01	374	Date/Time Qualifier Code specifying type of date or time, or both date and time	M ID 3/3
			035 Delivered <i>Use to identify the date that material was obtained or delivered.</i>	
			043 Publication <i>Use for nonstandard material to identify the manufacturer's catalog publication date when a catalog is identified in 2/LIN/120.</i>	
			102 Issue <i>Use for nonstandard material to identify the effective date of the drawing number (when only using code PT) or the drawing revision number (when using code DR with code PT) identified in the 2/LIN/120 segment.</i>	
			512 Warranty Expiration <i>Use to identify the warranty expiration date when material requirement is satisfied by warranty replacement.</i>	
Must Use	DTM02	373	Date Date (YYMMDD)	X DT 6/6
Not Used	DTM03	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	DTM04	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
	DTM05	624	Century The first two characters in the designation of the year (CCYY)	O N0 2/2
Not Used	DTM06	1250	Date Time Period Format Qualifier Code indicating the date format, time format, or date and time format	X ID 2/3
Not Used	DTM07	1251	Date Time Period Expression of a date, a time, or range of dates, times or dates and times	X AN 1/35

Segment: **AT** Financial Accounting
Position: 230
Loop: QTY Optional (Must Use)
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To transmit financial accounting data
Syntax Notes: 1 If AT10 is present, then AT01 is required.
Semantic Notes:
Comments: 1 AT09 identifies unique local activity financial accounting information.
Notes: 1. Use multiple repetitions to identify the fund purpose code, appropriations, and fund code for goods, services, and related adjustments.

2. DLMS users see the Accounting Classification Appendix for AT02, AT07 and AT09.

Data Element Summary

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

FP	Fund Purpose
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Segment: **DD** Demand Detail
Position: 240
Loop: QTY Optional (Must Use)
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To describe the type of demand and the intended use of material
Syntax Notes:

- 1 If DD02 is present, then DD01 is required.
- 2 If any of DD03 DD04 or DD05 is present, then all are required.
- 3 If DD06 is present, then DD05 is required.
- 4 If DD10 is present, then DD09 is required.

Semantic Notes:

- 1 DD08 transmits the stock level indicator. A "Y" indicates that the material is normally carried in stock; an "N" indicates that the material is not normally stocked.

Comments:
Notes: *Use to identify the weapon system to which the material applies. Do not use with reversals.*

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
Must Use	DD01	1271 Industry Code Code indicating a code from a specific industry code list	X AN 1/30
Must Use	DD02	1270 Code List Qualifier Code Code identifying a specific industry code list 74 Demand Code Identifies whether or not a material demand is recurring	O ID 1/3
	DD03	128 Reference Identification Qualifier Code qualifying the Reference Identification W2 Weapon System Number Identifies a weapon system <i>Use to identify the applicable weapon system designator code.</i>	X ID 2/3
	DD04	127 Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
	DD05	1271 Industry Code Code indicating a code from a specific industry code list <i>Use to identify the Service associated with the weapon system for which this demand is reported.</i>	X AN 1/30
	DD06	1270 Code List Qualifier Code Code identifying a specific industry code list 71 Service and Agency Code Military services, defense agencies, and certain civilian agencies of the United States Government <i>Use to identify the Service/Agency code associated with the stratified demand data.</i>	O ID 1/3
	DD07	380 Quantity Numeric value of quantity <i>Use only to identify the quantity associated with the weapon system. Express as a whole number with no decimal.</i>	O R 1/15
	DD08	1073 Yes/No Condition or Response Code Code indicating a Yes or No condition or response N No	O ID 1/1

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			Y	Yes	
Not Used	DD09	1271	Industry Code		X AN 1/30
			Code indicating a code from a specific industry code list		
Not Used	DD10	1270	Code List Qualifier Code		O ID 1/3
			Code identifying a specific industry code list		

Segment: **LDT** Lead Time
 Position: 250
 Loop: QTY Optional (Must Use)
 Level: Detail
 Usage: Optional
 Max Use: 1
 Purpose: To specify lead time for availability of products and services
 Syntax Notes:
 Semantic Notes: 1 LDT04 is the effective date of lead time information.
 Comments: 1 LDT02 is the quantity of unit of time periods.
 Notes: *Use to identify procurement lead times for the item of supply.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	LDT01	345	Lead Time Code Code indicating the time range AF From date of PO receipt to delivery <i>Use to indicate the procurement lead time defined as the interval between the initiation of the procurement action and receipt into the supply system.</i>	M ID 2/2
Must Use	LDT02	380	Quantity Numeric value of quantity <i>Use to identify the numeric value of procurement lead time days. Express as a whole number with no decimal.</i>	M R 1/15
Must Use	LDT03	344	Unit of Time Period or Interval Code indicating the time period or interval DY Day	M ID 2/2
Not Used	LDT04	373	Date Date (YYMMDD)	O DT 6/6

Segment: **LM** **Code Source Information**
Position: 260
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 this 2/LM/260 loop to identify information maintained in department or agency documentation.*

Data Element Summary

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

Segment: **LQ** Industry Code
Position: 270
Loop: LM Optional
Level: Detail
Usage: Optional
Max Use: 100
Purpose: Code to transmit standard industry codes
Syntax Notes: 1 If LQ01 is present, then LQ02 is required.
Semantic Notes:
Comments:
Notes: *Use to identify codes, as appropriate, consistent with management information requirements.*

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	LQ01	1270	Code List Qualifier Code Code identifying a specific industry code list	O ID 1/3
			74 Demand Code Identifies whether or not a material demand is recurring	
			78 Project Code Codes that relate a transaction to special programs, exercises, projects, operations, or other purposes <i>Use to identify special programs, exercises, projects, operations, and other purposes.</i>	
			79 Priority Designator Code The priority of a transaction <i>Recommend using in all demand transactions.</i>	
			80 Advice Code Instructions to transaction recipients when narratives cannot be transmitted	
			84 Management Code Supplemental information not covered by the transaction coding structure	
			A9 Supplementary Address Identifies the originating organization's unique logistics information	
			AK Distribution Code Code identifying activities eligible to receive additional status	
			DE Signal Code	
			DF Media and Status Code	
			EN Local Source Code Defines the method or source for satisfying the material requirement at the local level <i>Use to identify the method/source for satisfying material requirement at the local level.</i>	
Must Use	LQ02	1271	Industry Code Code indicating a code from a specific industry code list	X AN 1/30

Segment: **SE** Transaction Set Trailer
Position: 030
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Syntax Notes:**Semantic Notes:**

Comments: 1 SE is the last segment of each transaction set.

Data Element Summary

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

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