

846 Inventory Inquiry/Advice

Functional Group ID=**IB**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Inventory Inquiry/Advice Transaction Set (846) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used in the following ways: (1) for a seller of goods and services to provide inventory information to a prospective purchaser, with no obligation to the purchaser to acquire these goods or services; (2) for a representative of a seller of goods and services to supply inventory information to that seller; (3) for one location to supply another location with inventory information; and (4) for an inquiry as to the availability of inventory with no obligation on the seller of goods and services to reserve that inventory.

Notes:

1. Organizations use this transaction set to request and/or report asset status and inventory balance information.

2. Use one occurrence of this transaction set to transmit a single or multiple transactions.

3. 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:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Loop Repeat	Notes and Comments
4	010	ST	Transaction Set Header	M	1		
5	020	BIA	Beginning Segment for Inventory Inquiry/Advice	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		
LOOP ID - N1						5	
7	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		
Not Used	130	PER	Administrative Communications Contact	O	3		

846I (R2) Asset Status Inquiry/Report

LOOP ID - LM			10
Not Used	140	LM	Code Source Information O 1
Not Used	150	LQ	Industry Code M 100

Detail:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Loop Repeat	Notes and Comments
LOOP ID - LIN			10000				
8	010	LIN	Item Identification	M	1		
Not Used	030	PID	Product/Item Description	O	200		
Not Used	040	MEA	Measurements	O	40		
Not Used	050	PKG	Marking, Packaging, Loading	O	25		
11	100	DTM	Date/Time Reference	O	10		
Not Used	110	CTP	Pricing Information	O	25		
Not Used	120	CUR	Currency	O	1		
Not Used	130	SAC	Service, Promotion, Allowance, or Charge Information	O	25		
12	140	REF	Reference Identification	O	>1		
Not Used	150	PER	Administrative Communications Contact	O	3		
Not Used	220	SDQ	Destination Quantity	O	500		
Not Used	230	MAN	Marks and Numbers	O	1		
Not Used	235	UIT	Unit Detail	O	5		
Not Used	240	CS	Contract Summary	O	1		
14	250	DD	Demand Detail	O	>1		
Not Used	255	G53	Maintenance Type	O	1		
Not Used	256	PCT	Percent Amounts	O	>1		
Not Used	257	LDT	Lead Time	O	12		
LOOP ID - LM			10				
15	260	LM	Code Source Information	O	1		
16	270	LQ	Industry Code	M	100		
LOOP ID - SLN			1000				
Not Used	280	SLN	Subline Item Detail	O	1		
Not Used	290	PID	Product/Item Description	O	200		
Not Used	300	MEA	Measurements	O	40		
Not Used	310	PKG	Marking, Packaging, Loading	O	25		
LOOP ID - MAN			100				
Not Used	312	MAN	Marks and Numbers	O	1		
Not Used	314	MEA	Measurements	O	40		
LOOP ID - QTY			99				
17	320	QTY	Quantity	O	1		
Not Used	330	UIT	Unit Detail	O	12		
Not Used	340	MEA	Measurements	O	25		
Not Used	350	LDT	Lead Time	O	12		
Not Used	355	DTM	Date/Time Reference	O	10		
LOOP ID - SCH			25				
Not Used	360	SCH	Line Item Schedule	O	1		

846I (R2) Asset Status Inquiry/Report

Not Used	370	MEA	Measurements	O	25	
			LOOP ID - LM		>1	
19	375	LM	Code Source Information	O	1	
20	376	LQ	Industry Code	M	100	
21	380	LS	Loop Header	O	1	
			LOOP ID - REF		>1	
22	390	REF	Reference Identification	O	1	n1
24	400	DTM	Date/Time Reference	O	>1	
25	410	N1	Name	O	1	
			LOOP ID - LM		10	
Not Used	420	LM	Code Source Information	O	1	
Not Used	430	LQ	Industry Code	M	100	
26	440	LE	Loop Trailer	O	1	
			LOOP ID - N1		200	
27	450	N1	Name	O	1	
Not Used	460	N2	Additional Name Information	O	2	
Not Used	470	N3	Address Information	O	2	
Not Used	480	N4	Geographic Location	O	1	
Not Used	490	REF	Reference Identification	O	12	
Not Used	500	PER	Administrative Communications Contact	O	3	

Summary:

<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>
Not Used	010	CTT	Transaction Totals	O	1		n2
29	020	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. The REF loop conveys serial number, lot number, and inventory data.
2. Number of line items (CTT01) is the accumulation of number of LIN segments. If used, hash total (CTT02) is the sum of the values of the quantities (QTY02) of 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) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

Data Element Summary

	Ref.	Data		
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	ST01	143	Transaction Set Identifier Code	M ID 3/3
			Code uniquely identifying a Transaction Set 846 Inventory Inquiry/Advice	
M	ST02	329	Transaction Set Control Number	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			<i>A unique number assigned by the originator of the transaction set, or the originator's application program.</i>	

Segment: **BIA** Beginning Segment for Inventory Inquiry/Advice
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of an Inventory Inquiry/Advice Transaction Set
Syntax Notes:
Semantic Notes:

- 1 BIA03 identifies the number of the inquiry/advice that is transferred.
- 2 BIA04 identifies the date of the inquiry/advice that is transferred.
- 3 BIA05 identifies the time of the inquiry/advice that is transferred.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element Name</u>	
M	BIA01	353 Transaction Set Purpose Code	M ID 2/2
		Code identifying purpose of transaction set	
		00 Original	
		77 Simulation Exercise	
M	BIA02	755 Report Type Code	M ID 2/2
		Code indicating the title or contents of a document, report or supporting item	
		TI Asset Status Inquiry	
		TJ Asset Status Advice	
M	BIA03	127 Reference Identification	M AN 1/30
		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	BIA04	373 Date	M DT 8/8
		Date expressed as CCYYMMDD	
		<i>Use to indicate the transaction set preparation date. This date corresponds to the Universal Time Coordinate (UTC).</i>	
	BIA05	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 time of transaction set preparation in UTC.</i>	
		<i>2. Express time in a four-position (HHMM) format.</i>	

Not Used **BIA06** **306** **Action Code**
Code indicating type of action

O ID 1/2

Segment: **N1** Name
Position: 080
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes: 1 At least one of N102 or N103 is required.
 2 If either N103 or N104 is present, then the other is required.

Semantic Notes:

Notes: *Must use this 1/N1/080 loop to identify the organization originating the transaction set.*

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</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	
	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)	
		M4 Department of Defense Routing Identifier Code (RIC)	
	N104	67 Identification Code	X AN 2/80
		Code identifying a party or other code	
Not Used	N105	706 Entity Relationship Code	O ID 2/2
		Code describing entity relationship	
	N106	98 Entity Identifier Code	O ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	
		FR Message From	
		<i>Must use in conjunction with the appropriate 1/N101/080 code to indicate the organization cited in N104 is originating the transaction set.</i>	

Segment: **LIN** Item Identification
Position: 010
Loop: LIN Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To specify basic item identification data
Syntax Notes:

- 1 If either LIN04 or LIN05 is present, then the other is required.
- 2 If either LIN06 or LIN07 is present, then the other is required.
- 3 If either LIN08 or LIN09 is present, then the other is required.
- 4 If either LIN10 or LIN11 is present, then the other is required.
- 5 If either LIN12 or LIN13 is present, then the other is required.
- 6 If either LIN14 or LIN15 is present, then the other is required.
- 7 If either LIN16 or LIN17 is present, then the other is required.
- 8 If either LIN18 or LIN19 is present, then the other is required.
- 9 If either LIN20 or LIN21 is present, then the other is required.
- 10 If either LIN22 or LIN23 is present, then the other is required.
- 11 If either LIN24 or LIN25 is present, then the other is required.
- 12 If either LIN26 or LIN27 is present, then the other is required.
- 13 If either LIN28 or LIN29 is present, then the other is required.
- 14 If either LIN30 or LIN31 is present, then the other is required.

Semantic Notes:

- 1 LIN01 is the line item identification

Notes: *Must use the 2/LIN/010 loop to identify the material, transaction number, and inventory information associated with asset status reporting.*

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Not Used	LIN01	350 Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set	O AN 1/20
M	LIN02	235 Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) <i>Use any code.</i> Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 2/2
M	LIN03	234 Product/Service ID Identifying number for a product or service	M AN 1/48
	LIN04	235 Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) ZB Commercial and Government Entity (CAGE) Code	X ID 2/2
	LIN05	234 Product/Service ID Identifying number for a product or service	X AN 1/48

Not Used	LIN06	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	LIN07	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
Not Used	LIN08	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	LIN09	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
Not Used	LIN10	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	LIN11	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
Not Used	LIN12	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	LIN13	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
Not Used	LIN14	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	LIN15	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
Not Used	LIN16	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	LIN17	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
Not Used	LIN18	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	LIN19	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
Not Used	LIN20	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	LIN21	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
Not Used	LIN22	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in	X	ID 2/2

			Product/Service ID (234)		
Not Used	LIN23	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
Not Used	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)		
Not Used	LIN25	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
Not Used	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)		
Not Used	LIN27	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
Not Used	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)		
Not Used	LIN29	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
Not Used	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)		
Not Used	LIN31	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		

Segment: **DTM** Date/Time Reference

Position: 100

Loop: LIN 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 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:

Notes: *Must use 2/DTM/100 to identify dates associated with the transaction.*

Data Element Summary

Ref.	Data			
<u>Des.</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	
			<i>Use any code.</i>	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	DTM02	373	Date	X DT 8/8
			Date expressed as CCYYMMDD	
	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)	
	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	
			UT Universal Time Coordinate	
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: **REF** **Reference Identification**

Position: 140

Loop: LIN Mandatory

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.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification <i>Use any code.</i>	M ID 2/3
	REF02	127	Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values. Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
Not Used	REF03	352	Description A free-form description to clarify the related data elements and their content	X AN 1/80
Not Used	REF04	C040	Reference Identifier To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O
Not Used	C04001	128	Reference Identification Qualifier Code qualifying the Reference Identification	M ID 2/3
Not Used	C04002	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M AN 1/30
Not Used	C04003	128	Reference Identification Qualifier Code qualifying the Reference Identification	X ID 2/3
Not Used	C04004	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
Not Used	C04005	128	Reference Identification Qualifier Code qualifying the Reference Identification	X ID 2/3
Not Used	C04006	127	Reference Identification Reference information as defined for a particular Transaction Set or as	X AN 1/30

specified by the Reference Identification Qualifier

Segment: **DD Demand Detail**

Position: 250

Loop: LIN Mandatory

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.

Notes: *Use only when reporting information below the wholesale distribution system.*

Data Element Summary

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
Not Used	DD01	1271	Industry Code	X AN 1/30
			Code indicating a code from a specific industry code list	
Not Used	DD02	1270	Code List Qualifier Code	O ID 1/3
			Code identifying a specific industry code list	
Not Used	DD03	128	Reference Identification Qualifier	X ID 2/3
			Code qualifying the Reference Identification	
Not Used	DD04	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
Not Used	DD05	1271	Industry Code	X AN 1/30
			Code indicating a code from a specific industry code list	
Not Used	DD06	1270	Code List Qualifier Code	O ID 1/3
			Code identifying a specific industry code list	
Not Used	DD07	380	Quantity	O R 1/15
			Numeric value of quantity	
	DD08	1073	Yes/No Condition or Response Code	O ID 1/1
			Code indicating a Yes or No condition or response	
			N No	
			Y Yes	
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: **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:

Notes: *Use this 2/LM/260 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: 270
Loop: LM Optional
Level: Detail
Usage: Mandatory
Max Use: 100
Purpose: Code to transmit standard industry codes
Syntax Notes: 1 If LQ01 is present, then LQ02 is required.
Semantic Notes:
Notes: *Use to identify codes, as appropriate, consistent with management information requirements.*

Data Element Summary

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

Segment: **QTY** Quantity
Position: 320
Loop: QTY Optional
Level: Detail
Usage: Optional
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.

Data Element Summary

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
M	QTY01	673	Quantity Qualifier	M ID 2/2
			Code specifying the type of quantity	
			<i>Use any code.</i>	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	QTY02	380	Quantity	X R 1/15
			Numeric value of quantity	
			<i>Express as a whole number with no decimals.</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	
			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	
	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	
			C5 Cost	
	C00105	1018	Exponent	O R 1/15
			Power to which a unit is raised	
			<i>When C00104 is Code C5, use to convey Unit Price.</i>	
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: **LM** Code Source Information
Position: 375
Loop: LM Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To transmit standard code list identification information

Syntax Notes:

Semantic Notes:

Notes: *Use the 2/LM/375 loop for asset status reports only to identify Agency unique coded data related to the characteristics and coding requirements for the transaction.*

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: 376
Loop: LM Optional
Level: Detail
Usage: Mandatory
Max Use: 100
Purpose: Code to transmit standard industry codes
Syntax Notes: 1 If LQ01 is present, then LQ02 is required.
Semantic Notes:
Notes: *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>
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.	
LQ02	1271		Industry Code	X AN 1/30
			Code indicating a code from a specific industry code list	

Segment: **LS** Loop Header
Position: 380
Loop: QTY Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To indicate that the next segment begins a loop

Syntax Notes:

Semantic Notes: 1 One loop may be nested contained within another loop, provided the inner nested loop terminates before the outer loop. When specified by the standard setting body as mandatory, this segment in combination with "LE", must be used. It is not to be used if not specifically set forth for use. The loop identifier in the loop header and trailer must be identical. The value for the identifier is the loop ID of the required loop segment. The loop ID number is given on the transaction set diagram in the appropriate ASC X12 version/release.

Notes: *Use in each 2/QTY/320 loop to prevent a syntax error in the use of the 2/REF/390 loop.*

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	LS01	447 Loop Identifier Code	M AN 1/6
		The loop ID number given on the transaction set diagram is the value for this data element in segments LS and LE	
		<i>Cite REF to indicate the 2/REF/390 loop.</i>	

Segment: **REF** **Reference Identification**
Position: 390
Loop: REF Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify identifying information
Syntax Notes: 1 At least one of REF02 or REF03 is required.
 2 If either C04003 or C04004 is present, then the other is required.
 3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes: 1 REF04 contains data relating to the value cited in REF02.
Notes: *Use the 2/REF/390 loop to provide Unique Identification (UID) information for the purpose of Unique Item Tracking (UIT).*

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification <i>Use any code.</i> Refer to 004010 Data Element Dictionary for acceptable code values.	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
M	C04001	128	Reference Identification Qualifier Code qualifying the Reference Identification <i>Use any code.</i> Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 2/3
M	C04002	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M AN 1/30
	C04003	128	Reference Identification Qualifier Code qualifying the Reference Identification <i>Use any code.</i> Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 2/3
	C04004	127	Reference Identification Reference information as defined for a particular Transaction Set or as	X AN 1/30

Not Used	C04005	128	specified by the Reference Identification Qualifier 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: **DTM** Date/Time Reference

Position: 400

Loop: REF Optional

Level: Detail

Usage: Optional

Max Use: >1

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:

Notes: *Use multiple repetitions to identify dates related to UIT.*

Data Element Summary

Ref.	Data			
<u>Des.</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	
			<i>Use any code.</i>	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	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: **N1** Name
Position: 410
Loop: REF Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes: 1 At least one of N102 or N103 is required.
 2 If either N103 or N104 is present, then the other is required.
Semantic Notes:

Data Element Summary

	Ref.	Data	Attributes
	Des.	Element Name	
M	N101	98 Entity Identifier Code	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	
	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)	
	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: **LE** Loop Trailer

Position: 440

Loop: QTY Optional

Level: Detail

Usage: Optional

Max Use: 1

Purpose: To indicate that the loop immediately preceding this segment is complete

Syntax Notes:

Semantic Notes: 1 One loop may be nested contained within another loop, provided the inner nested loop terminates before the other loop. When specified by the standards setting body as mandatory, this segment in combination with "LS", must be used. It is not to be used if not specifically set forth for use. The loop identifier in the loop header and trailer must be identical. The value for the identifier is the loop ID of the required loop beginning segment. The loop ID number is given on the transaction set diagram in the appropriate ASC X12 version/release.

Notes: *Use in each 2/QTY/320 loop to terminate any 2/REF/390 loop iteration.*

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	LE01	447 Loop Identifier Code	M AN 1/6
		The loop ID number given on the transaction set diagram is the value for this data element in segments LS and LE	
		<i>Repeat the content of 2/LS/380.</i>	

Segment: **N1** Name
Position: 450
Loop: N1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes: 1 At least one of N102 or N103 is required.
 2 If either N103 or N104 is present, then the other is required.

Semantic Notes:

Notes: *Must use this 2/N1/450 loop to identify the organization to receive the transaction. Use multiple iterations of the 2/N1/450 loop to identify all transaction recipients.*

Data Element Summary

Ref.	Data Element	Name	Attributes
M	N101	98 Entity Identifier Code	M ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	
		<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	
	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)	
		M4 Department of Defense Routing Identifier Code (RIC)	
	N104	67 Identification Code	X AN 2/80
		Code identifying a party or other code	
Not Used	N105	706 Entity Relationship Code	O ID 2/2
		Code describing entity relationship	
	N106	98 Entity Identifier Code	O ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	
		TO Message To	
		<i>Must use with 2/N101/450 codes SB or Z4 to indicate the organization cited in N104 is to receive</i>	

the transaction.

Segment: **SE** Transaction Set Trailer
Position: 020
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:

Data Element Summary

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