

842 Nonconformance Report

Functional Group ID=**NC**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Nonconformance Report Transaction Set (842) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to report products and processes that do not fulfill specifications or requirements. The Nonconformance Report Transaction Set provides the ability for the sender to report the nonconformance at the level of detail that is required. It also provides the ability to report the specific nonconformances of a component/part while identifying the assembly as the product that is in nonconformance. The Nonconformance Report Transaction Set may be used to report, initiate, or request actions related to the nonconformance being reported. Financial and accounting information is provided for reporting purposes only. The Nonconformance Report Transaction Set has the capability to report the cause of the nonconformance and to state the proposed action to be followed to prevent a repetition of the problem.

Notes:

1. Use a single occurrence of this transaction to reply to a single Storage Quality Control Report (SQCR).

2. 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	0100	ST	Transaction Set Header	M	1		
5	0200	BNR	Beginning Segment For Nonconformance Report	M	1		
Not Used	0300	REF	Reference Identification	O	>1		
Not Used	0400	DTM	Date/Time Reference	O	>1		
Not Used	0500	PID	Product/Item Description	O	>1		
						LOOP ID - MEA	>1
Not Used	0600	MEA	Measurements	O	1		
Not Used	0700	DTM	Date/Time Reference	O	>1		
Not Used	0800	REF	Reference Identification	O	>1		
						LOOP ID - PWK	>1
Not Used	0900	PWK	Paperwork	O	1		
Not Used	1000	REF	Reference Identification	O	>1		
Not Used	1100	DTM	Date/Time Reference	O	>1		
						LOOP ID - N1	>1
6	1200	N1	Name	O	1		
Not Used	1300	N2	Additional Name Information	O	2		
Not Used	1400	N3	Address Information	O	2		
Not Used	1500	N4	Geographic Location	O	1		
Not Used	1600	REF	Reference Identification	O	>1		
7	1700	PER	Administrative Communications Contact	O	>1		

Detail:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
						LOOP ID - HL	>1

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8	0100	HL	Hierarchical Level	M	1	n1
9	0200	LIN	Item Identification	O	1	
Not Used	0300	PID	Product/Item Description	O	>1	
Not Used	0400	PRS	Part Release Status	O	>1	
Not Used	0500	CID	Characteristic/Class ID	O	>1	
11	0600	DTM	Date/Time Reference	O	>1	
12	0700	REF	Reference Identification	O	>1	
13	0750	CS	Contract Summary	O	1	
15	0800	QTY	Quantity	O	>1	
Not Used	0900	TMD	Test Method	O	1	
Not Used	1000	PSD	Physical Sample Description	O	1	
Not Used	1020	PWK	Paperwork	O	>1	
LOOP ID - LM					>1	
17	1040	LM	Code Source Information	O	1	
18	1050	LQ	Industry Code	M	>1	
LOOP ID - MEA					>1	
Not Used	1100	MEA	Measurements	O	1	
Not Used	1200	DTM	Date/Time Reference	O	>1	
Not Used	1300	REF	Reference Identification	O	>1	
LOOP ID - FA1					>1	
Not Used	1350	FA1	Type of Financial Accounting Data	O	1	
Not Used	1360	FA2	Accounting Data	M	>1	
LOOP ID - SPS					>1	
Not Used	1400	SPS	Sampling Parameters for Summary Statistics	O	1	
Not Used	1500	REF	Reference Identification	O	>1	
Not Used	1600	PSD	Physical Sample Description	O	1	
LOOP ID - MEA					>1	
Not Used	1700	MEA	Measurements	O	1	
Not Used	1800	DTM	Date/Time Reference	O	>1	
Not Used	1900	REF	Reference Identification	O	>1	
LOOP ID - STA					>1	
Not Used	2000	STA	Statistics	O	1	
Not Used	2100	DTM	Date/Time Reference	O	>1	
Not Used	2200	REF	Reference Identification	O	>1	
LOOP ID - NCD					>1	
19	2300	NCD	Nonconformance Description	O	1	
20	2400	NTE	Note/Special Instruction	O	>1	
21	2500	DTM	Date/Time Reference	O	>1	
22	2600	REF	Reference Identification	O	>1	
Not Used	2700	QTY	Quantity	O	>1	
23	2730	AMT	Monetary Amount	O	>1	
Not Used	2740	MEA	Measurements	O	>1	
Not Used	2750	RC	Root Cause	O	>1	
LOOP ID - EFI					>1	
Not Used	2760	EFI	Electronic Format Identification	O	1	
Not Used	2770	BIN	Binary Data	M	1	
LOOP ID - N1					>1	
24	2800	N1	Name	O	1	
Not Used	2900	N2	Additional Name Information	O	2	
Not Used	3000	N3	Address Information	O	2	
Not Used	3100	N4	Geographic Location	O	1	
Not Used	3200	REF	Reference Identification	O	>1	
Not Used	3300	PER	Administrative Communications Contact	O	>1	
LOOP ID - LM					>1	
Not Used	3330	LM	Code Source Information	O	1	
Not Used	3340	LQ	Industry Code	M	>1	
LOOP ID - NCA					>1	

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25	3400	NCA	Nonconformance Action	O	1
Not Used	3500	NTE	Note/Special Instruction	O	>1
Not Used	3600	DTM	Date/Time Reference	O	>1
Not Used	3700	REF	Reference Identification	O	>1
LOOP ID - PWK					>1
Not Used	3800	PWK	Paperwork	O	1
Not Used	3900	REF	Reference Identification	O	>1
Not Used	4000	DTM	Date/Time Reference	O	>1
LOOP ID - N1					>1
27	4100	N1	Name	O	1
Not Used	4200	N2	Additional Name Information	O	2
Not Used	4300	N3	Address Information	O	2
Not Used	4400	N4	Geographic Location	O	1
Not Used	4500	REF	Reference Identification	O	>1
Not Used	4600	PER	Administrative Communications Contact	O	>1
LOOP ID - LM					>1
28	4640	LM	Code Source Information	O	1
29	4650	LQ	Industry Code	M	>1
LOOP ID - FA1					>1
Not Used	4660	FA1	Type of Financial Accounting Data	O	1
Not Used	4670	FA2	Accounting Data	M	>1
30	4700	SE	Transaction Set Trailer	M	1

Transaction Set Notes

1. The HL levels are item, component, product characteristic, report, and serial number. Valid HL Parent-Child relationships are 1) item - component, 2) item - product characteristic, 3) component - product characteristic, 4) report - item, 5) item - serial number, and 6) component - serial number.

Segment: **ST** Transaction Set Header
Position: 0100
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).
- 2 The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition.

Comments:

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
M	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 842 Nonconformance Report	M 1 ID 3/3
M	ST02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set <i>A unique number assigned by the originator of the transaction set, or the originator's application program.</i>	M 1 AN 4/9
	ST03	1705	Implementation Convention Reference Reference assigned to identify Implementation Convention	O 1 AN 1/35

Segment: **BNR** Beginning Segment For Nonconformance Report
Position: 0200
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of a Nonconformance Report Transaction Set
Syntax Notes:
Semantic Notes: 1 BNR02 is the nonconformance report identifier number.
 2 BNR03 is the date that the nonconformance report was created.
 3 BNR04 is the time that the nonconformance report was created.
Comments: 1 BNR05 indicates the status or intention of the nonconformance report.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	BNR01	353	Transaction Set Purpose Code Code identifying purpose of transaction set 00 Original 01 Cancellation 11 Response 49 Original - No Response Necessary CO Corrected	M 1 ID 2/2
M	BNR02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M 1 AN 1/50
M	BNR03	373	Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	M 1 DT 8/8
	BNR04	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) <i>Express the originating activity's time in Universal Time Coordinate (UTC). Express time in a four-position (HHMM) format.</i>	O 1 TM 4/8
Not Used	BNR05	886	Nonconformance Report Status Code Code identifying the status of the nonconformance report	O 1 ID 2/2
	BNR06	640	Transaction Type Code Code specifying the type of transaction 03 Report Message DG Response G3 Confirmation Response	O 1 ID 2/2

Segment: **N1** Name
Position: 1200
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:
Comments: 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
 2 N105 and N106 further define the type of entity in N101.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	N101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual <i>Use any code.</i>	M 1 ID 2/3
			Refer to 004030 Data Element Dictionary for acceptable code values.	
Not Used	N102	93	Name Free-form name	X 1 AN 1/60
	N103	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67)	X 1 ID 1/2
	N104	67	Identification Code Code identifying a party or other code	X 1 AN 2/80
Not Used	N105	706	Entity Relationship Code Code describing entity relationship	O 1 ID 2/2
	N106	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual FR Message From <i>Use to indicate the organization cited above is originating the transaction set.</i> TO Message To <i>Use to indicate the organization cited above is receiving the transaction set.</i>	O 1 ID 2/3

Segment: **PER** Administrative Communications Contact
Position: 1700
Loop: N1 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: *Use to identify point of contact (POC) information.*

Data Element Summary

Ref.	Data	Attributes	
<u>Des.</u>	<u>Element</u>	<u>Name</u>	
M	PER01	366	Contact Function Code M 1 ID 2/2
			Code identifying the major duty or responsibility of the person or group named
		A4	Owner Representative
		FB	Coordinator
		IC	Information Contact
		PI	Preparer
	PER02	93	Name O 1 AN 1/60
			Free-form name
	PER03	365	Communication Number Qualifier X 1 ID 2/2
			Code identifying the type of communication number
		AU	Defense Switched Network
		TE	Telephone
	PER04	364	Communication Number X 1 AN 1/256
			Complete communications number including country or area code when applicable
	PER05	365	Communication Number Qualifier X 1 ID 2/2
			Code identifying the type of communication number
		AU	Defense Switched Network
		EM	Electronic Mail
		FX	Facsimile
		WF	Work Facsimile Number
	PER06	364	Communication Number X 1 AN 1/256
			Complete communications number including country or area code when applicable
	PER07	365	Communication Number Qualifier X 1 ID 2/2
			Code identifying the type of communication number
		AU	Defense Switched Network
		EM	Electronic Mail
		FX	Facsimile
		TE	Telephone
		WF	Work Facsimile Number
	PER08	364	Communication Number X 1 AN 1/256
			Complete communications number including country or area code when applicable
Not Used	PER09	443	Contact Inquiry Reference O 1 AN 1/20
			Additional reference number or description to clarify a contact number

Segment: **HL Hierarchical Level**
Position: 0100
Loop: HL Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Syntax Notes:
Semantic Notes:
Comments:

- 1 The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
The HL segment defines a top-down/left-right ordered structure.
- 2 HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
- 3 HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
- 4 HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
- 5 HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

Data Element Summary

	Ref.	Data	Attributes
	Des.	Element Name	
M	HL01	628 Hierarchical ID Number A unique number assigned by the sender to identify a particular data segment in a hierarchical structure	M 1 AN 1/12
Not Used	HL02	734 Hierarchical Parent ID Number Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to	O 1 AN 1/12
M	HL03	735 Hierarchical Level Code Code defining the characteristic of a level in a hierarchical structure I Item RB Response RP Report	M 1 ID 1/2
Not Used	HL04	736 Hierarchical Child Code Code indicating if there are hierarchical child data segments subordinate to the level being described	O 1 ID 1/1

Segment: **LIN** **Item Identification**
Position: 0200
Loop: HL Mandatory
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify basic item identification data
Syntax Notes: 1 If either LIN04 or LIN05 is present, then the other is required.
 2 If either LIN06 or LIN07 is present, then the other is required.
 3 If either LIN08 or LIN09 is present, then the other is required.
 4 If either LIN10 or LIN11 is present, then the other is required.
 5 If either LIN12 or LIN13 is present, then the other is required.
 6 If either LIN14 or LIN15 is present, then the other is required.
 7 If either LIN16 or LIN17 is present, then the other is required.
 8 If either LIN18 or LIN19 is present, then the other is required.
 9 If either LIN20 or LIN21 is present, then the other is required.
 10 If either LIN22 or LIN23 is present, then the other is required.
 11 If either LIN24 or LIN25 is present, then the other is required.
 12 If either LIN26 or LIN27 is present, then the other is required.
 13 If either LIN28 or LIN29 is present, then the other is required.
 14 If either LIN30 or LIN31 is present, then the other is required.
Semantic Notes: 1 LIN01 is the line item identification
Comments: 1 See the Data Dictionary for a complete list of IDs.
 2 LIN02 through LIN31 provide for fifteen different product/service IDs for each item.
 For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

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 1 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) FS National Stock Number MG Manufacturer's Part Number ZZ Mutually Defined	M 1 ID 2/2
M	LIN03	234	Product/Service ID Identifying number for a product or service	M 1 AN 1/48
	LIN04	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) CN Commodity Name MN Model Number ZB Commercial and Government Entity (CAGE) Code	X 1 ID 2/2
	LIN05	234	Product/Service ID Identifying number for a product or service	X 1 AN 1/48
	LIN06	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 004030 Data Element Dictionary for acceptable code values.	X 1 ID 2/2
	LIN07	234	Product/Service ID Identifying number for a product or service	X 1 AN 1/48
	LIN08	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 004030 Data Element Dictionary for acceptable code values.	X 1 ID 2/2
	LIN09	234	Product/Service ID	X 1 AN 1/48

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			Identifying number for a product or service		
	LIN10	235	Product/Service ID Qualifier	X	1 ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			Refer to 004030 Data Element Dictionary for acceptable code values.		
	LIN11	234	Product/Service ID	X	1 AN 1/48
			Identifying number for a product or service		
Not Used	LIN12	235	Product/Service ID Qualifier	X	1 ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	LIN13	234	Product/Service ID	X	1 AN 1/48
			Identifying number for a product or service		
Not Used	LIN14	235	Product/Service ID Qualifier	X	1 ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	LIN15	234	Product/Service ID	X	1 AN 1/48
			Identifying number for a product or service		
Not Used	LIN16	235	Product/Service ID Qualifier	X	1 ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	LIN17	234	Product/Service ID	X	1 AN 1/48
			Identifying number for a product or service		
Not Used	LIN18	235	Product/Service ID Qualifier	X	1 ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	LIN19	234	Product/Service ID	X	1 AN 1/48
			Identifying number for a product or service		
Not Used	LIN20	235	Product/Service ID Qualifier	X	1 ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	LIN21	234	Product/Service ID	X	1 AN 1/48
			Identifying number for a product or service		
Not Used	LIN22	235	Product/Service ID Qualifier	X	1 ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	LIN23	234	Product/Service ID	X	1 AN 1/48
			Identifying number for a product or service		
Not Used	LIN24	235	Product/Service ID Qualifier	X	1 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	1 AN 1/48
			Identifying number for a product or service		
Not Used	LIN26	235	Product/Service ID Qualifier	X	1 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	1 AN 1/48
			Identifying number for a product or service		
Not Used	LIN28	235	Product/Service ID Qualifier	X	1 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	1 AN 1/48
			Identifying number for a product or service		
Not Used	LIN30	235	Product/Service ID Qualifier	X	1 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	1 AN 1/48
			Identifying number for a product or service		

Segment: **DTM** **Date/Time Reference**
Position: 0600
Loop: HL Mandatory
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:
Comments:

Data Element Summary

	Ref.	Data	Name	Attributes
	Des.	Element		
M	DTM01	374	Date/Time Qualifier Code specifying type of date or time, or both date and time <i>Use any code.</i> Refer to 004030 Data Element Dictionary for acceptable code values.	M 1 ID 3/3
	DTM02	373	Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	X 1 DT 8/8
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 1 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 1 ID 2/2
Not Used	DTM05	1250	Date Time Period Format Qualifier Code indicating the date format, time format, or date and time format	X 1 ID 2/3
Not Used	DTM06	1251	Date Time Period Expression of a date, a time, or range of dates, times or dates and times	X 1 AN 1/35

Segment: **REF** Reference Identification
Position: 0700
Loop: HL 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.
Comments:

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 1 ID 2/3
	REF02	127	Reference Identification Refer to 004030 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 1 AN 1/50
	REF03	352	Description A free-form description to clarify the related data elements and their content	X 1 AN 1/80
	REF04	C040	Reference Identifier To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O 1
M	C04001	128	Reference Identification Qualifier Code qualifying the Reference Identification W8 Suffix	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 1/50
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 1/50
Not Used	C04005	128	Reference Identification Qualifier Code qualifying the Reference Identification	X ID 2/3
Not Used	C04006	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/50

Segment: **CS Contract Summary**
Position: 0750
Loop: HL Mandatory
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To provide information about a contract
Syntax Notes: 1 If either CS04 or CS05 is present, then the other is required.
Semantic Notes: 1 CS09 is the permissible overage as a percentage of the total contract line item number (CLIN) quantity.
 2 CS10 is the permissible shortage as a percentage of the total contract line item number (CLIN) quantity.
 3 CS11 is the permissible overage dollar value specified by the contract above which discrepancy action is taken.
 4 CS14 is the Unit of Measure stipulated in the contract.
 5 CS15 is the contract line item number (CLIN) unit price specified in the contract.
 6 CS17 conveys the Critical Application Indicator. A "Y" indicates that a Critical Application Indicator is specified in the contract; an "N" indicates that no Critical Application Indicator is specified in the contract.
 7 CS18 conveys the Special Requirements Indicator. A "Y" indicates that a Special Requirements Indicator (requiring special testing and or evaluation) is specified in the contract; an "N" indicates that no Special Requirements Indicator is specified in the contract.
Comments: 1 CS04 may be used to identify the Contract Line Item Number (CLIN) or Extended (or Exhibit) Line Item Number (ELIN).
 2 CS07 and CS13 can be used to indicate two different types of special services required.

Data Element Summary

Ref.	Data	Attributes
<u>Des.</u>	<u>Element</u> <u>Name</u>	
CS01	367 Contract Number Contract number	O 1 AN 1/30
Not Used	CS02 327 Change Order Sequence Number Number assigned by the orderer identifying a specific change or revision to a previously transmitted transaction set	O 1 AN 1/8
CS03	328 Release Number Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction	O 1 AN 1/30
CS04	128 Reference Identification Qualifier Code qualifying the Reference Identification C7 Contract Line Item Number	X 1 ID 2/3
CS05	127 Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X 1 AN 1/50
Not Used	CS06 324 Purchase Order Number Identifying number for Purchase Order assigned by the orderer/purchaser	O 1 AN 1/22
Not Used	CS07 560 Special Services Code Code identifying the special service	O 1 ID 2/10
Not Used	CS08 433 F.O.B. Point Code Code identifying type of F.O.B. point	O 1 ID 2/2
Not Used	CS09 954 Percent Percentage expressed as a decimal	O 1 R 1/10
Not Used	CS10 954 Percent Percentage expressed as a decimal	O 1 R 1/10
Not Used	CS11 782 Monetary Amount Monetary amount	O 1 R 1/18
Not Used	CS12 336 Terms Type Code	O 1 ID 2/2

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Not Used	CS13	560	Code identifying type of payment terms Special Services Code	O	1	ID 2/10
Not Used	CS14	355	Code identifying the special service Unit or Basis for Measurement Code	O	1	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	CS15	212	Unit Price	O	1	R 1/17
			Price per unit of product, service, commodity, etc.			
Not Used	CS16	336	Terms Type Code	O	1	ID 2/2
			Code identifying type of payment terms			
Not Used	CS17	1073	Yes/No Condition or Response Code	O	1	ID 1/1
			Code indicating a Yes or No condition or response			
Not Used	CS18	1073	Yes/No Condition or Response Code	O	1	ID 1/1
			Code indicating a Yes or No condition or response			

Segment: **QTY** Quantity
Position: 0800
Loop: HL Mandatory
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.
Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	QTY01	673	Quantity Qualifier Code specifying the type of quantity <i>Use any code.</i> Refer to 004030 Data Element Dictionary for acceptable code values.	M 1 ID 2/2
	QTY02	380	Quantity Numeric value of quantity	X 1 R 1/15
	QTY03	C001	Composite Unit of Measure To identify a composite unit of measure (See Figures Appendix for examples of use)	O 1
M	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 Refer to 004030 Data Element Dictionary for acceptable code values.	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 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

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Not Used	C00115	649	Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	QTY04	61	Free-Form Message Free-form information	X	1 AN 1/30

Segment: **LM** Code Source Information
Position: 1040
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.

Data Element Summary

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

Segment: **LQ** Industry Code
Position: 1050
Loop: LM Optional
Level: Detail
Usage: Mandatory
Max Use: >1
Purpose: Code to transmit standard industry codes
Syntax Notes: 1 If LQ01 is present, then LQ02 is required.
Semantic Notes:
Comments:

Data Element Summary

<u>Ref. Des.</u>	<u>Data 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 1 ID 1/3
		Refer to 004030 Data Element Dictionary for acceptable code values.	
LQ02	1271	Industry Code Code indicating a code from a specific industry code list	X 1 AN 1/30

Segment: **NCD** **Nonconformance Description**
Position: 2300
Loop: NCD Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To describe the nonconformance condition
Syntax Notes: 1 At least one of NCD01 or NCD02 is required.
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Not Used	NCD01	936	Measurement Attribute Code Code used to express an attribute response when a numeric measurement value cannot be determined	X 1 ID 2/2
	NCD02	888	Nonconformance Determination Code Code indicating whether a nonconforming condition was the reason for submitting or the basis upon which a nonconformance report is initiated 5 Discrepant	X 1 ID 1/1
	NCD03	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set	O 1 AN 1/20
Not Used	NCD04	750	Product/Process Characteristic Code Code identifying the general class of a product or process characteristic	O 1 ID 2/3
Not Used	NCD05	559	Agency Qualifier Code Code identifying the agency assigning the code values	O 1 ID 2/2
Not Used	NCD06	751	Product Description Code A code from an industry code list which provides specific data about a product characteristic	O 1 AN 1/12
Not Used	NCD07	352	Description A free-form description to clarify the related data elements and their content	O 1 AN 1/80

Segment: **NTE** Note/Special Instruction
Position: 2400
Loop: NCD Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To transmit information in a free-form format, if necessary, for comment or special instruction

Syntax Notes:
Semantic Notes:
Comments:

- 1 The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processible. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
NTE01	363	Note Reference Code Code identifying the functional area or purpose for which the note applies AES Actual Evaluation Summary RPT Report Remarks	O 1 ID 3/3
M	NTE02	Description A free-form description to clarify the related data elements and their content	M 1 AN 1/80

Segment: **DTM** **Date/Time Reference**
Position: 2500
Loop: NCD 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:
Comments:

Data Element Summary

	Ref.	Data	Name	Attributes
	Des.	Element		
M	DTM01	374	Date/Time Qualifier Code specifying type of date or time, or both date and time <i>Use any code.</i> Refer to 004030 Data Element Dictionary for acceptable code values.	M 1 ID 3/3
	DTM02	373	Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	X 1 DT 8/8
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 1 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 1 ID 2/2
Not Used	DTM05	1250	Date Time Period Format Qualifier Code indicating the date format, time format, or date and time format	X 1 ID 2/3
Not Used	DTM06	1251	Date Time Period Expression of a date, a time, or range of dates, times or dates and times	X 1 AN 1/35

Segment: **REF** Reference Identification
Position: 2600
Loop: NCD Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify identifying information
Syntax Notes:

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

Semantic Notes:

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

Comments:

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> Refer to 004030 Data Element Dictionary for acceptable code values.	M 1 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 1 AN 1/50
	REF03	352	Description A free-form description to clarify the related data elements and their content	X 1 AN 1/80
	REF04	C040	Reference Identifier To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O 1
M	C04001	128	Reference Identification Qualifier Code qualifying the Reference Identification T0 Dealer Type Identification	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 1/50
	C04003	128	Reference Identification Qualifier Code qualifying the Reference Identification Refer to 004030 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 specified by the Reference Identification Qualifier	X AN 1/50
	C04005	128	Reference Identification Qualifier Code qualifying the Reference Identification Refer to 004030 Data Element Dictionary for acceptable code values.	X ID 2/3
	C04006	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/50

Segment: **AMT** Monetary Amount
Position: 2730
Loop: NCD Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To indicate the total monetary amount
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	AMT01	522	Amount Qualifier Code Code to qualify amount <i>Use any code.</i> Refer to 004030 Data Element Dictionary for acceptable code values.	M 1 ID 1/3
M	AMT02	782	Monetary Amount Monetary amount	M 1 R 1/18
Not Used	AMT03	478	Credit/Debit Flag Code Code indicating whether amount is a credit or debit	O 1 ID 1/1

Segment: **N1** Name
Position: 2800
Loop: N1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes:
 1 At least one of N102 or N103 is required.
 2 If either N103 or N104 is present, then the other is required.

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

Notes:
 1. *Use in UID loop to identify the Enterprise Identifier.*

2. *Use in Storage Quality Control Report loop to identify the Stock Readiness Coordinator, Name of Preparer, Action Office, Name of Activity which can Perform Repairs, Prime Contractor, Samples Shipped To and Packed by Party.*

Data Element Summary

Ref.	Data	Attributes	
<u>Des.</u>	<u>Element</u> <u>Name</u>		
M	N101 98 Entity Identifier Code	M	1 ID 2/3
	Code identifying an organizational entity, a physical location, property or an individual		
	<i>Use any code.</i>		
	Refer to 004030 Data Element Dictionary for acceptable code values.		
	N102 93 Name	X	1 AN 1/60
	Free-form name		
	N103 66 Identification Code Qualifier	X	1 ID 1/2
	Code designating the system/method of code structure used for Identification Code (67)		
	1 D-U-N-S Number, Dun & Bradstreet		
	8 UCC/EAN Global Product Identification Prefix		
	10 Department of Defense Activity Address Code (DODAAC)		
	33 Commercial and Government Entity (CAGE)		
	41 Telecommunications Carrier Identification Code		
	M4 Department of Defense Routing Identifier Code (RIC)		
	N104 67 Identification Code	X	1 AN 2/80
	Code identifying a party or other code		
Not Used	N105 706 Entity Relationship Code	O	1 ID 2/2
	Code describing entity relationship		
Not Used	N106 98 Entity Identifier Code	O	1 ID 2/3
	Code identifying an organizational entity, a physical location, property or an individual		

Segment: **NCA** Nonconformance Action
Position: 3400
Loop: NCA Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the action that is to be taken in response to a nonconformance condition
Syntax Notes: 1 At least one of NCA02 or NCA03 is required.
2 If either NCA04 or NCA05 is present, then the other is required.
Semantic Notes: 1 NCA03 describes the action that is to be undertaken.
Comments: 1 NCA04 is used to specify the quantity that is associated with NCA02 or NCA03.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element Name</u>	
Not Used	NCA01	350 Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set	O 1 AN 1/20
	NCA02	887 Nonconformance Resultant Response Code Code identifying a response that is the result of a nonconformance situation UC Other Action	X 1 ID 1/2
Not Used	NCA03	352 Description A free-form description to clarify the related data elements and their content	X 1 AN 1/80
	NCA04	380 Quantity Numeric value of quantity	X 1 R 1/15
	NCA05	C001 Composite Unit of Measure To identify a composite unit of measure (See Figures Appendix for examples of use)	X 1
M	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 Refer to 004030 Data Element Dictionary for acceptable code values.	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 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	O ID 2/2

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Not Used	C00114	1018	which a measurement has been taken Exponent	O	R 1/15
Not Used	C00115	649	Power to which a unit is raised Multiplier Value to be used as a multiplier to obtain a new value	O	R 1/10

Segment: **N1** Name
Position: 4100
Loop: N1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes:
 1 At least one of N102 or N103 is required.
 2 If either N103 or N104 is present, then the other is required.

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

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	N101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual <i>Use any code.</i> Refer to 004030 Data Element Dictionary for acceptable code values.	M 1 ID 2/3
	N102	93	Name Free-form name	X 1 AN 1/60
Not Used	N103	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67)	X 1 ID 1/2
Not Used	N104	67	Identification Code Code identifying a party or other code	X 1 AN 2/80
Not Used	N105	706	Entity Relationship Code Code describing entity relationship	O 1 ID 2/2
Not Used	N106	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual	O 1 ID 2/3

Segment: **LM** Code Source Information
Position: 4640
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.

Data Element Summary

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

Segment: **LQ** Industry Code
Position: 4650
Loop: LM Optional
Level: Detail
Usage: Mandatory
Max Use: >1
Purpose: Code to transmit standard industry codes
Syntax Notes: 1 If LQ01 is present, then LQ02 is required.
Semantic Notes:
Comments:

Data Element Summary

<u>Ref. Des.</u>	<u>Data 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 1 ID 1/3
		Refer to 004030 Data Element Dictionary for acceptable code values.	
LQ02	1271	Industry Code Code indicating a code from a specific industry code list	X 1 AN 1/30

Segment: **SE** Transaction Set Trailer
Position: 4700
Loop:
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Syntax Notes:

Semantic Notes:

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

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	SE01	96	Number of Included Segments Total number of segments included in a transaction set including ST and SE segments	M 1 N0 1/10
M	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 1 AN 4/9