

940 Warehouse Shipping Order

Functional Group ID=**OW**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Warehouse Shipping Order Transaction Set (940) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to enable the depositor to advise a warehouse to make a shipment, confirm a shipment, or modify or cancel a previously transmitted shipping order.

Notes:

Use to direct shipments, to inquire about the status of open shipment directives, and to cancel or modify previously submitted shipment directives.

2. Use a single occurrence of this transaction set to exchange single or multiple transactions between a single organization and a single or multiple organizations.

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/dlmso>. The DLMS Supplement provides specific business rules, conditions, and authorized codes necessary for appropriate use of this IC within the DLMS.

Heading:

| <u>Page No.</u> | <u>Pos. No.</u> | <u>Seg. ID</u> | <u>Name</u> | <u>Req. Des.</u> | <u>Max.Use</u> | <u>Loop Repeat</u> | <u>Notes and Comments</u> |
|-----------------|-----------------|----------------|---------------------------------------|------------------|----------------|--------------------|---------------------------|
| 4 | 0100 | ST | Transaction Set Header | M | 1 | | |
| 5 | 0200 | W05 | Shipping Order Identification | M | 1 | | |
| LOOP ID - 0100 | | | | | | 10 | |
| 7 | 0400 | N1 | Name | O | 1 | | |
| Not Used | 0500 | N2 | Additional Name Information | O | 2 | | |
| Not Used | 0600 | N3 | Address Information | O | 2 | | |
| Not Used | 0700 | N4 | Geographic Location | O | 1 | | |
| Not Used | 0800 | PER | Administrative Communications Contact | O | 5 | | |
| 9 | 0900 | N9 | Reference Identification | O | 10 | | |
| Not Used | 1000 | G61 | Contact | O | 3 | | |
| 11 | 1100 | G62 | Date/Time | O | 10 | | |
| Not Used | 1200 | NTE | Note/Special Instruction | O | >1 | | |
| Not Used | 1300 | W09 | Equipment and Temperature | O | 1 | | |
| Not Used | 1400 | W66 | Warehouse Carrier Information | O | 1 | | |
| Not Used | 1500 | W6 | Special Handling Information | O | 5 | | |
| Not Used | 1530 | R2 | Route Information | O | 13 | | |
| Not Used | 1560 | BNX | Rail Shipment Information | O | 1 | | |

940R (R4) Warehouse Shipping Order (Material Release)

| LOOP ID - 0150 | | | 1 |
|----------------|------|-----|---|
| Not Used | 1570 | TD3 | Carrier Details (Equipment) O 1 |
| Not Used | 1580 | AT9 | Trailer or Container Dimension and Weight O 1 |
| LOOP ID - 0200 | | | 10 |
| Not Used | 1600 | LM | Code Source Information O 1 |
| Not Used | 1700 | LQ | Industry Code M 100 |

Detail:

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|-----------------|-----------------|----------------|--|------------------|----------------|--------------------|---------------------------|
| LOOP ID - 0300 | | | | | | >1 | |
| 13 | 0050 | LX | Assigned Number | O | 1 | | |
| Not Used | 0100 | MAN | Marks and Numbers | O | >1 | | |
| Not Used | 0150 | SDQ | Destination Quantity | O | >1 | | |
| Not Used | 0160 | N1 | Name | O | 1 | | |
| Not Used | 0170 | G62 | Date/Time | O | 10 | | |
| Not Used | 0190 | N9 | Reference Identification | O | >1 | | |
| LOOP ID - 0310 | | | | | | >1 | |
| 14 | 0200 | W01 | Line Item Detail - Warehouse | O | 1 | | |
| Not Used | 0300 | G69 | Line Item Detail - Description | O | 5 | | |
| 16 | 0400 | N9 | Reference Identification | O | 200 | | |
| 18 | 0450 | NTE | Note/Special Instruction | O | >1 | | |
| Not Used | 0500 | W20 | Line-Item Detail - Miscellaneous | O | 3 | | |
| 19 | 0700 | QTY | Quantity | O | 10 | | |
| 21 | 0800 | AMT | Monetary Amount | O | 1 | | |
| 22 | 0900 | G62 | Date/Time | O | 10 | | |
| 23 | 1000 | G66 | Transportation Instructions | O | 1 | | |
| LOOP ID - N1 | | | | | | >1 | |
| 24 | 1100 | N1 | Name | O | 1 | | |
| 26 | 1101 | N2 | Additional Name Information | O | 1 | | |
| 27 | 1102 | N3 | Address Information | O | 1 | | |
| 28 | 1103 | N4 | Geographic Location | O | 1 | | |
| Not Used | 1120 | PER | Administrative Communications Contact | O | 5 | | |
| Not Used | 1140 | LH2 | Hazardous Classification Information | O | 6 | | |
| Not Used | 1160 | LHR | Hazardous Material Identifying Reference Numbers | O | 1 | | |
| Not Used | 1180 | LH6 | Hazardous Certification | O | 5 | | |
| LOOP ID - 0320 | | | | | | 10 | |
| 29 | 1200 | LM | Code Source Information | O | 1 | | |
| 30 | 1300 | LQ | Industry Code | M | 100 | | |
| 31 | 1350 | LS | Loop Header | O | 1 | | |
| LOOP ID - 0330 | | | | | | >1 | |
| 32 | 1400 | LX | Assigned Number | O | 1 | | n1 |
| 33 | 1500 | N9 | Reference Identification | O | >1 | | |
| 35 | 1600 | G62 | Date/Time | O | 10 | | |
| 36 | 1700 | N1 | Name | O | 1 | | |

940R (R4) Warehouse Shipping Order (Material Release)

| | | | | | |
|----------------|------|-----|--|---|-----|
| Not Used | 1750 | SDQ | Destination Quantity | O | >1 |
| LOOP ID - 0331 | | | | | 10 |
| Not Used | 1800 | LM | Code Source Information | O | 1 |
| Not Used | 1900 | LQ | Industry Code | M | 100 |
| LOOP ID - 0332 | | | | | >1 |
| Not Used | 2000 | LH1 | Hazardous Identification Information | O | 1 |
| Not Used | 2100 | LH2 | Hazardous Classification Information | O | 4 |
| Not Used | 2200 | LH3 | Hazardous Material Shipping Name | O | 10 |
| Not Used | 2300 | LFH | Freeform Hazardous Material Information | O | 20 |
| Not Used | 2400 | LEP | EPA Required Data | O | 3 |
| Not Used | 2500 | LH4 | Canadian Dangerous Requirements | O | 1 |
| Not Used | 2600 | LHT | Transborder Hazardous Requirements | O | 3 |
| Not Used | 2700 | LHR | Hazardous Material Identifying Reference Numbers | O | 5 |
| Not Used | 2800 | PER | Administrative Communications Contact | O | 5 |
| 37 | 2850 | LE | Loop Trailer | O | 1 |
| LOOP ID - 0340 | | | | | >1 |
| 38 | 2900 | FA1 | Type of Financial Accounting Data | O | 1 |
| 39 | 3000 | FA2 | Accounting Data | M | >1 |

Summary:

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|-----------------|-----------------|----------------|-------------------------|------------------|-----------------|--------------------|---------------------------|
| Not Used | 0100 | W76 | Total Shipping Order | O | 1 | | |
| 41 | 0200 | SE | Transaction Set Trailer | M | 1 | | |

Transaction Set Notes

1. The LX loop conveys serial number data.

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

| <u>Ref.</u> | <u>Data</u> | <u>Name</u> | <u>Attributes</u> |
|-------------|---------------------|--|-------------------|
| M | ST01 143 | Transaction Set Identifier Code Code uniquely identifying a Transaction Set 940 Warehouse Shipping Order | 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: **W05** Shipping Order Identification
Position: 0200
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To transmit identifying numbers and other basic data for this transaction set
Syntax Notes: 1 If either W0504 or W0505 is present, then the other is required.
Semantic Notes:
Comments:

Data Element Summary

| | Ref. Des. | Data Element | Name | Attributes | |
|----------|--------------|-----------------|--|------------|-----------|
| | | | | | |
| M | W0501 | 473 | Order Status Code Code identifying purpose of transaction set N Original X Simulation Exercise | M | 1 ID 1/1 |
| M | W0502 | 285 | Depositor Order Number Identifying number for warehouse shipping order assigned by the depositor <i>Use Code "Z" for this data element to meet mandatory X12 syntax requirements.</i> | M | 1 AN 1/22 |
| Not Used | W0503 | 324 | Purchase Order Number Identifying number for Purchase Order assigned by the orderer/purchaser | O | 1 AN 1/22 |
| Not Used | W0504 | 472 | Link Sequence Number A two-part number in the form "SSSTTT" where "SSS" is a sequentially assigned number and "TTT" equals the highest sequential number being used within the associated (linked) group (Leading zeros are required for both "SSS" and "TTT") | X | 1 N0 6/6 |
| Not Used | W0505 | 474 | Master Reference (Link) Number Reference number assigned by the sender to relate a transaction set to a master transaction (When associating a group of purchase orders, invoices or other transaction sets, use the master reference (link) number to identify the group and the link sequence number to identify individual transaction sets within the group) | X | 1 AN 1/22 |
| Must Use | W0506 | 640 | Transaction Type Code Code specifying the type of transaction NA Material Release Order NB Material Release Inquiry ND Material Release Cancellation NE Disposal Release Order NF Disposal Release Inquiry NG Disposal Release Cancellation | O | 1 ID 2/2 |

| | | | | | | | |
|-----------------|--------------|--------------------|--|--|----------|----------|---------------|
| | | | NH | Disposal Shipment Confirmation Inquiry | | | |
| | | | NI | Redistribution Order | | | |
| W0507 | 306 | Action Code | | | O | 1 | ID 1/2 |
| | | | Code indicating type of action | | | | |
| | | | 2 | Change (Update) | | | |
| | | | A6 | Modified | | | |
| | | | CL | Closed | | | |
| | | | CN | Consolidated | | | |
| | | | EB | Establish Additional Address | | | |
| | | | | <i>Use with W0506 code NA to indicate the MRO contains an exception address.</i> | | | |
| | | | FI | File | | | |
| | | | ME | Merge | | | |
| | | | PI | Provide Additional Information | | | |
| | | | | <i>Use with W0506 code NA to indicate the MRO contains exception pick/pack/delivery/disposal instructions.</i> | | | |
| | | | RG | Refer | | | |
| | | | W1 | Reconcile Historical Records | | | |
| Not Used | W0508 | 92 | Purchase Order Type Code | | O | 1 | ID 2/2 |
| | | | Code specifying the type of Purchase Order | | | | |

Segment: **N1** Name
Position: 0400
Loop: 0100 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.

Notes: *Must use this 1/N1/0400 loop to identify the organization originating the transaction set.*

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. | |
| Not Used | N102 | 93 | Name | X 1 AN 1/60 |
| | | | Free-form name | |
| Must Use | 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 | |
| | | 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) | |
| | | UR | Uniform Resource Locator (URL) | |
| Must Use | 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 | |
| | N106 | 98 | Entity Identifier Code | O 1 ID 2/3 |
| | | | Code identifying an organizational entity, a physical location, property or an individual | |

FR

Message From

Must use with the appropriate 1/N101/0400 code to indicate that the organization cited in N104 is originating the transaction set.

Segment: **N9 Reference Identification**
Position: 0900
Loop:
Level: Heading
Usage: Optional
Max Use: 10
Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

- Syntax Notes:**
- 1 At least one of N902 or N903 is required.
 - 2 If N906 is present, then N905 is required.
 - 3 If either C04003 or C04004 is present, then the other is required.
 - 4 If either C04005 or C04006 is present, then the other is required.

- Semantic Notes:**
- 1 N906 reflects the time zone which the time reflects.
 - 2 N907 contains data relating to the value cited in N902.

Comments:

Data Element Summary

| | <u>Ref. Des.</u> | <u>Data Element</u> | <u>Name</u> | <u>Attributes</u> |
|----------|------------------|---------------------|--|-------------------|
| M | N901 | 128 | Reference Identification Qualifier Code qualifying the Reference Identification TN Transaction Reference Number WF Locally Assigned Control Number | M 1 ID 2/3 |
| Must Use | N902 | 127 | Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier | X 1 AN 1/50 |
| Not Used | N903 | 369 | Free-form Description Free-form descriptive text | X 1 AN 1/45 |
| Not Used | N904 | 373 | Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year | O 1 DT 8/8 |
| Not Used | N905 | 337 | Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) | X 1 TM 4/8 |
| Not Used | N906 | 623 | Time Code Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow | O 1 ID 2/2 |
| Not Used | N907 | C040 | Reference Identifier | O 1 |

| | | | | | |
|-----------------|---------------|------------|---|----------|----------------|
| | | | To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier | | |
| Not Used | C04001 | 128 | Reference Identification Qualifier | M | ID 2/3 |
| | | | Code qualifying the Reference Identification | | |
| Not Used | C04002 | 127 | Reference Identification | M | AN 1/50 |
| | | | 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 1/50 |
| | | | 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 1/50 |
| | | | Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier | | |

Segment: **G62** Date/Time
Position: 1100
Loop:
Level: Heading
Usage: Optional (Must Use)
Max Use: 10
Purpose: To specify pertinent dates and times
Syntax Notes:

- 1 At least one of G6201 or G6203 is required.
- 2 If either G6201 or G6202 is present, then the other is required.
- 3 If either G6203 or G6204 is present, then the other is required.

Semantic Notes:

Comments:

Notes: *Must use to identify the date and time of transaction set preparation.*

Data Element Summary

| Ref. | Data | Attributes | |
|-------------|--|------------|----------|
| <u>Des.</u> | <u>Element</u> <u>Name</u> | | |
| Must Use | G6201 432 Date Qualifier | X | 1 ID 2/2 |
| | Code specifying type of date | | |
| | 07 Effective Date | | |
| | <i>Use to identify the date of transaction set preparation. This date corresponds to the Universal Time Coordinate (UTC).</i> | | |
| Must Use | G6202 373 Date | X | 1 DT 8/8 |
| | Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year | | |
| Must Use | G6203 176 Time Qualifier | X | 1 ID 1/2 |
| | Code specifying the reported time | | |
| | W Effective Time | | |
| | <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> | | |
| Must Use | G6204 337 Time | X | 1 TM 4/8 |
| | Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) | | |
| Not Used | G6205 623 Time Code | O | 1 ID 2/2 |
| | Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow | | |

Segment: **LX** Assigned Number
Position: 0050
Loop: 0300 Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
Purpose: To reference a line number in a transaction set
Syntax Notes:
Semantic Notes:
Comments:
Notes: *This segment must be used only to meet X12 syntax requirements.*

Data Element Summary

| Ref. | Data | | | |
|-------------|----------------|-------------|--|------------|
| <u>Des.</u> | <u>Element</u> | <u>Name</u> | <u>Attributes</u> | |
| M | LX01 | 554 | Assigned Number | M 1 N0 1/6 |
| | | | Number assigned for differentiation within a transaction set | |
| | | | <i>In the first and only iteration of this 1/LX/0050 loop, cite numeric 1.</i> | |

Segment: **W01** Line Item Detail - Warehouse

Position: 0200

Loop: 0310 Optional (Must Use)

Level: Detail

Usage: Optional (Must Use)

Max Use: 1

Purpose: To transmit basic and most frequent shipment-related line-item data elements

- Syntax Notes:**
- 1 At least one of W0103 or W0104 is required.
 - 2 If either W0104 or W0105 is present, then the other is required.
 - 3 If either W0106 or W0107 is present, then the other is required.
 - 4 If either W0110 or W0111 is present, then the other is required.
 - 5 If either W0115 or W0116 is present, then the other is required.

Semantic Notes:

Comments:

Notes: *Must use the 2/W01/0200 loop to identify material and other data pertinent to the transaction affecting the selection and shipment of material.*

Data Element Summary

| | Ref. | Data | Attributes | | |
|----------|-------|------|---|------|------------|
| | | | Element | Name | |
| M | W0101 | 330 | Quantity Ordered | M | 1 R 1/15 |
| | | | Quantity ordered | | |
| | | | <i>Use to identify the material quantity associated with the transaction.</i> | | |
| M | W0102 | 355 | Unit or Basis for Measurement Code | M | 1 ID 2/2 |
| | | | Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken | | |
| | | | <i>Use to identify the unit of issue for the required material.</i> | | |
| | | | Refer to 004030 Data Element Dictionary for acceptable code values. | | |
| Not Used | W0103 | 438 | U.P.C. Case Code | X | 1 AN 12/12 |
| | | | Code (Universal Product Code - U.P.C.) including two high order digits identifying the "system" (U.S. Grocery = 00, 06 or 07; U.S. Drug = 03); using the U.S. Grocery system, the next ten digits are: Manufacturer (5) Case Code (5) | | |
| Must Use | W0104 | 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) | | |
| | | | A1 Plant Equipment Number | | |
| | | | A2 Department of Defense Identification Code (DoDIC) | | |
| | | | A4 Subsistence Identification Number | | |
| | | | FB Form Number | | |
| | | | FS National Stock Number | | |
| | | | FT Federal Supply Classification | | |
| | | | MG Manufacturer's Part Number | | |
| | | | YP Publication Number | | |

| | | | | | | | |
|-----------------|--------------|------------|--|--|----------|----------|----------------|
| | | | ZZ | Mutually Defined | | | |
| Must Use | W0105 | 234 | Product/Service ID | | X | 1 | AN 1/48 |
| | | | Identifying number for a product or service | | | | |
| | W0106 | 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) | | | | |
| | | | CN | Commodity Name | | | |
| | | | ZB | Commercial and Government Entity (CAGE) Code | | | |
| | W0107 | 234 | Product/Service ID | | X | 1 | AN 1/48 |
| | | | Identifying number for a product or service | | | | |
| Not Used | W0108 | 59 | Freight Class Code | | O | 1 | AN 2/5 |
| | | | Code indicating generalized classification that applies to one or more items in the shipment, i.e., class 70, 77.5, etc. | | | | |
| Not Used | W0109 | 121 | Rate Class Code | | O | 1 | ID 1/3 |
| | | | Code identifying specifically designated class of goods; Note: For international air shipments, see IATA Resolution 600k | | | | |
| Not Used | W0110 | 23 | Commodity Code Qualifier | | X | 1 | ID 1/1 |
| | | | Code identifying the commodity coding system used for Commodity Code | | | | |
| Not Used | W0111 | 22 | Commodity Code | | X | 1 | AN 1/30 |
| | | | Code describing a commodity or group of commodities | | | | |
| Not Used | W0112 | 416 | Pallet Block and Tiers | | O | 1 | N0 6/6 |
| | | | Code indicating pallet and load structure; first three digits indicate the number of cases per layer, last three digits indicate the number of layers per pallet | | | | |
| Not Used | W0113 | 451 | Warehouse Lot Number | | O | 1 | AN 1/12 |
| | | | Reference number assigned by the warehouse | | | | |
| | W0114 | 286 | Product/Service Condition Code | | O | 1 | ID 2/2 |
| | | | Code identifying condition of product/service | | | | |
| | | | 03 | Recouped | | | |
| | | | <i>Use to indicate that reclamation is required.</i> | | | | |
| Not Used | W0115 | 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 | W0116 | 234 | Product/Service ID | | X | 1 | AN 1/48 |
| | | | Identifying number for a product or service | | | | |

Segment: **N9 Reference Identification**
Position: 0400
Loop: 0310 Optional (Must Use)
Level: Detail
Usage: Optional
Max Use: 200
Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

- Syntax Notes:**
- 1 At least one of N902 or N903 is required.
 - 2 If N906 is present, then N905 is required.
 - 3 If either C04003 or C04004 is present, then the other is required.
 - 4 If either C04005 or C04006 is present, then the other is required.

- Semantic Notes:**
- 1 N906 reflects the time zone which the time reflects.
 - 2 N907 contains data relating to the value cited in N902.

Comments:

Notes: *Use multiple repetitions to identify ancillary information related to the transaction. Must use at least one repetition to identify the transaction number.*

Data Element Summary

| | <u>Ref. Des.</u> | <u>Data Element</u> | <u>Name</u> | <u>Attributes</u> |
|----------|------------------|---------------------|--|-------------------|
| M | N901 | 128 | Reference Identification Qualifier Code qualifying the Reference Identification <i>Use any code.</i> Refer to 004030 Data Element Dictionary for acceptable code values. | M 1 ID 2/3 |
| Must Use | N902 | 127 | Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier | X 1 AN 1/50 |
| | N903 | 369 | Free-form Description Free-form descriptive text | X 1 AN 1/45 |
| Not Used | N904 | 373 | Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year | O 1 DT 8/8 |
| Not Used | N905 | 337 | Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) | X 1 TM 4/8 |
| Not Used | N906 | 623 | Time Code Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow | O 1 ID 2/2 |

| | | | | | |
|-----------------|---------------|-------------|---|----------|----------------|
| | N907 | C040 | Reference Identifier | O | 1 |
| | | | To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier | | |
| M | C04001 | 128 | Reference Identification Qualifier | M | ID 2/3 |
| | | | Code qualifying the Reference Identification | | |
| | | | 1Y Repair Action Number | | |
| | | | OQ Order Number | | |
| | | | W8 Suffix | | |
| M | C04002 | 127 | Reference Identification | M | AN 1/50 |
| | | | 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 1/50 |
| | | | 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 1/50 |
| | | | Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier | | |

Segment: **NTE** **Note/Special Instruction**
Position: 0450
Loop: 0310 Optional (Must Use)
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

| Ref. | Data | Name | Attributes |
|-------------|----------------|--|--------------------|
| Des. | Element | | |
| NTE01 | 363 | Note Reference Code | O 1 ID 3/3 |
| | | Code identifying the functional area or purpose for which the note applies | |
| | | DEL Delivery | |
| | | ORI Order Instructions | |
| | | PMT Payment | |
| M | NTE02 | Description | M 1 AN 1/80 |
| | | A free-form description to clarify the related data elements and their content | |

Segment: **QTY** Quantity
Position: 0700
Loop: 0310 Optional (Must Use)
Level: Detail
Usage: Optional
Max Use: 10
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>Data</u> | <u>Name</u> | <u>Attributes</u> |
|----------|-------------|----------------|---|-------------------|
| | <u>Des.</u> | <u>Element</u> | | |
| M | QTY01 | 673 | Quantity Qualifier Code specifying the type of quantity 46 Total transactions EU Total Consolidated Subsidiaries V1 Retention Quantity | M 1 ID 2/2 |
| Must Use | QTY02 | 380 | Quantity Numeric value of quantity <i>Express as a whole number with no decimal.</i> | X 1 R 1/15 |
| Not Used | QTY03 | C001 | Composite Unit of Measure To identify a composite unit of measure (See Figures Appendix for examples of use) | O 1 |
| Not Used | 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 | 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 | O ID 2/2 |

| | | | | | |
|-----------------|---------------|-------------|--|----------|------------------|
| | | | 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 | 1 AN 1/30 |
| | | | Free-form information | | |

Segment: **AMT** Monetary Amount
Position: 0800
Loop: 0310 Optional (Must Use)
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To indicate the total monetary amount
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

| | <u>Ref.</u> | <u>Data</u> | | <u>Attributes</u> |
|----------|-------------|----------------|--|-------------------|
| | <u>Des.</u> | <u>Element</u> | <u>Name</u> | |
| M | AMT01 | 522 | Amount Qualifier Code Code to qualify amount LI Line Item Unit Price | 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: **G62** Date/Time
Position: 0900
Loop: 0310 Optional (Must Use)
Level: Detail
Usage: Optional
Max Use: 10
Purpose: To specify pertinent dates and times
Syntax Notes:

- 1 At least one of G6201 or G6203 is required.
- 2 If either G6201 or G6202 is present, then the other is required.
- 3 If either G6203 or G6204 is present, then the other is required.

Semantic Notes:

Comments:

Notes: *Use multiple repetitions to define unique dates or delivery periods associated with the transaction.*

Data Element Summary

| | <u>Ref.</u> | <u>Data</u> | <u>Name</u> | <u>Attributes</u> |
|----------|-------------|----------------|--|-------------------|
| | <u>Des.</u> | <u>Element</u> | | |
| Must Use | G6201 | 432 | Date Qualifier Code specifying type of date <i>Use any code.</i> Refer to 004030 Data Element Dictionary for acceptable code values. | X 1 ID 2/2 |
| Must Use | G6202 | 373 | Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year | X 1 DT 8/8 |
| Not Used | G6203 | 176 | Time Qualifier Code specifying the reported time | X 1 ID 1/2 |
| Not Used | G6204 | 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 | G6205 | 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 |

Segment: **G66** **Transportation Instructions**
Position: 1000
Loop: 0310 Optional (Must Use)
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify transportation instructions relating to the shipment
Syntax Notes:
Semantic Notes:
Comments:
Notes: *Use to identify the mode of shipment.*

Data Element Summary

| | <u>Ref.</u> | <u>Data</u> | <u>Attributes</u> |
|----------|-------------|---|-------------------|
| | <u>Des.</u> | <u>Element</u> <u>Name</u> | |
| Not Used | G6601 | 146 Shipment Method of Payment Code identifying payment terms for transportation charges | O 1 ID 2/2 |
| | G6602 | 91 Transportation Method/Type Code Code specifying the method or type of transportation for the shipment Refer to 004030 Data Element Dictionary for acceptable code values. | O 1 ID 1/2 |
| Not Used | G6603 | 399 Pallet Exchange Code Code specifying pallet exchange instructions | O 1 ID 1/1 |
| Not Used | G6604 | 400 Unit Load Option Code Code identifying loading or unloading a shipment | O 1 ID 2/2 |
| Not Used | G6605 | 387 Routing Free-form description of the routing or requested routing for shipment, or the originating carrier's identity | O 1 AN 1/35 |
| Not Used | G6606 | 433 F.O.B. Point Code Code identifying type of F.O.B. point | O 1 ID 2/2 |
| Not Used | G6607 | 434 F.O.B. Point Descriptive name of F.O.B. point | O 1 AN 1/30 |

Segment: **N1** Name
Position: 1100
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 this 2/N1/1100 loop to identify the organization receiving the transaction set, a new consignee for diversions, and to identify entities within the ship-to address that will actually receive the material.*
 2. *Use additional iterations to identify other organizations associated with the transaction.*

Data Element Summary

| Ref. | Data | Name | Attributes |
|-------------|----------------|---|-------------|
| <u>Des.</u> | <u>Element</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 | |
| | | 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix | |
| | | 10 Department of Defense Activity Address Code (DODAAC) | |
| | | 92 Assigned by Buyer or Buyer's Agent | |
| | | A2 Military Assistance Program Address Code (MAPAC) | |
| | | M4 Department of Defense Routing Identifier Code (RIC) | |
| | | UR Uniform Resource Locator (URL) | |
| | N104 | 67 Identification Code | X 1 AN 2/80 |

| | | | | |
|-----------------|-------------|------------|---|-------------------|
| Not Used | N105 | 706 | Entity Relationship Code | O 1 ID 2/2 |
| | | | Code identifying a party or other code | |
| | N106 | 98 | Entity Identifier Code | O 1 ID 2/3 |
| | | | Code describing entity relationship | |
| | | | Code identifying an organizational entity, a physical location, property or an individual | |

TO

Message To

Must use with the appropriate 2/N101/1100 code to indicate the organization cited in N104 is receiving the transaction.

Segment: **N2 Additional Name Information**
Position: 1101
Loop: N1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify additional names
Syntax Notes:
Semantic Notes:
Comments:
Notes: *Use to identify additional name information as authorized.*

Data Element Summary

| | <u>Ref.</u> | <u>Data</u> | <u>Attributes</u> | |
|----------|-------------|---------------------------|-------------------|-------------|
| | | | <u>Element</u> | <u>Name</u> |
| M | N201 | 93 Name Free-form name | M | 1 AN 1/60 |
| Not Used | N202 | 93 Name Free-form name | O | 1 AN 1/60 |

Segment: **N3 Address Information**
Position: 1102
Loop: N1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:
Notes: *Use to identify additional address information as authorized.*

Data Element Summary

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

Segment: **N4 Geographic Location**
Position: 1103
Loop: N1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes:

- 1 Only one of N402 or N407 may be present.
- 2 If N406 is present, then N405 is required.
- 3 If N407 is present, then N404 is required.

Semantic Notes:

Comments:

- 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
- 2 N402 is required only if city name (N401) is in the U.S. or Canada.

Data Element Summary

| Ref. | Data | Name | Attributes |
|-------------|----------------|--|-------------------|
| Des. | Element | | |
| N401 | 19 | City Name Free-form text for city name | O 1 AN 2/30 |
| N402 | 156 | State or Province Code Code (Standard State/Province) as defined by appropriate government agency | X 1 ID 2/2 |
| N403 | 116 | Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States) | O 1 ID 3/15 |
| N404 | 26 | Country Code Code identifying the country | X 1 ID 2/3 |
| N405 | 309 | Location Qualifier Code identifying type of location IP Postal | X 1 ID 1/2 |
| N406 | 310 | Location Identifier Code which identifies a specific location | O 1 AN 1/30 |
| Not Used | N407 | 1715 Country Subdivision Code Code identifying the country subdivision | X 1 ID 1/3 |

Segment: **LM** Code Source Information
Position: 1200
Loop: 0320 Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
Purpose: To transmit standard code list identification information

Syntax Notes:

Semantic Notes:

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

Notes: *Must use this 2/LM/1200 loop to identify coded 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> | | |
|----------|----------------------------|-------------------------------|--|-------------------|---|---------|
| | | | | | | |
| 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: 1300
Loop: 0320 Optional (Must Use)
Level: Detail
Usage: Mandatory
Max Use: 100
Purpose: Code to transmit standard industry codes
Syntax Notes: 1 If LQ01 is present, then LQ02 is required.
Semantic Notes:
Comments:

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

Data Element Summary

| | <u>Ref.</u> | <u>Data</u> | | <u>Attributes</u> |
|----------|-------------|----------------|---|--------------------|
| | <u>Des.</u> | <u>Element</u> | <u>Name</u> | |
| Must Use | 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. | |
| Must Use | LQ02 | 1271 | Industry Code Code indicating a code from a specific industry code list | X 1 AN 1/30 |

Segment: **LS** Loop Header
Position: 1350
Loop: 0310 Optional (Must Use)
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.
Comments: 1 See Figures Appendix for an explanation of the use of the LS and LE segments.
Notes: *Must use with any given iteration of the 2/W01/0200 loop when the 2/LX/1400 Unique Item Tracking (UIT) loop is used. Use of this segment prevents collision of segments.*

Data Element Summary

| Ref. | Data | | Attributes |
|--|------|--------------------------|------------|
| | Des. | Element Name | |
| M | LS01 | 447 Loop Identifier Code | M 1 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 the numeric 0330 to satisfy the ANSI syntax requirement.</i> | | | |

Segment: **LX** Assigned Number
Position: 1400
Loop: 0330 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To reference a line number in a transaction set
Syntax Notes:
Semantic Notes:
Comments:

- Notes:**
- 1. Use the 2/LX/1400 loop to provide Unique Identification (UID) information when specific items identified by UID are directed for release under authorized procedures.*
 - 2. Use as a counter to identify the number of 2/LX/1400 loop iterations in the transaction set.*

Data Element Summary

| <u>Ref.</u> | <u>Data</u> | <u>Element</u> | <u>Name</u> | <u>Attributes</u> |
|-------------|-------------|----------------|---|-------------------|
| M | LX01 | 554 | Assigned Number | M 1 N0 1/6 |
| | | | Number assigned for differentiation within a transaction set | |
| | | | <i>In the first 2/LX/1400 loop iteration, cite numeric 1. In each subsequent loop iteration, increase incrementally by 1.</i> | |

Segment: **N9 Reference Identification**
Position: 1500
Loop: 0330 Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

- Syntax Notes:**
- 1 At least one of N902 or N903 is required.
 - 2 If N906 is present, then N905 is required.
 - 3 If either C04003 or C04004 is present, then the other is required.
 - 4 If either C04005 or C04006 is present, then the other is required.

- Semantic Notes:**
- 1 N906 reflects the time zone which the time reflects.
 - 2 N907 contains data relating to the value cited in N902.

Comments:

Notes: *Use to provide Unique Identification (UID) information.*

Data Element Summary

| | <u>Ref.</u> | <u>Data</u> | <u>Attributes</u> |
|----------|-------------|--|-------------------|
| | <u>Des.</u> | <u>Element</u> <u>Name</u> | |
| M | N901 | 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 |
| Must Use | N902 | 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 | N903 | 369 Free-form Description Free-form descriptive text | X 1 AN 1/45 |
| Not Used | N904 | 373 Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year | O 1 DT 8/8 |
| Not Used | N905 | 337 Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) | X 1 TM 4/8 |
| Not Used | N906 | 623 Time Code Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow | O 1 ID 2/2 |

| | | | | | |
|----------|--------|------|--|---|---------|
| Not Used | N907 | C040 | Reference Identifier To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier | O | 1 |
| 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 1/50 |
| 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: **G62** Date/Time

Position: 1600

Loop: 0330 Optional

Level: Detail

Usage: Optional

Max Use: 10

Purpose: To specify pertinent dates and times

- Syntax Notes:**
- 1 At least one of G6201 or G6203 is required.
 - 2 If either G6201 or G6202 is present, then the other is required.
 - 3 If either G6203 or G6204 is present, then the other is required.

Semantic Notes:

Comments:

Notes: *Use to identify dates associated with the UIT item.*

Data Element Summary

| | <u>Ref.</u> | <u>Data</u> | <u>Attributes</u> |
|----------|-------------|--|-------------------|
| | <u>Des.</u> | <u>Element Name</u> | |
| Must Use | G6201 | 432 Date Qualifier | X 1 ID 2/2 |
| | | Code specifying type of date | |
| | | 36 Expiration Date | |
| | | BF Pack Date | |
| | | BK Warranty Expiration | |
| | | BL Manufacture | |
| Must Use | G6202 | 373 Date | X 1 DT 8/8 |
| | | Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year | |
| Not Used | G6203 | 176 Time Qualifier | X 1 ID 1/2 |
| | | Code specifying the reported time | |
| Not Used | G6204 | 337 Time | X 1 TM 4/8 |
| | | Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) | |
| Not Used | G6205 | 623 Time Code | O 1 ID 2/2 |
| | | Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow | |

Segment: **N1** Name
Position: 1700
Loop: 0330 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: *Use to identify the manufacturer of the UIT item.*

Data Element Summary

| | Ref. | Data | Attributes | | | | | |
|----------|------|------|---|---------|------|---------|--|--|
| | | | Des. | Element | Name | | | |
| M | N101 | 98 | Entity Identifier Code | M | 1 | ID 2/3 | | |
| | | | Code identifying an organizational entity, a physical location, property or an individual | | | | | |
| | | MF | Manufacturer of Goods | | | | | |
| | N102 | 93 | Name | X | 1 | AN 1/60 | | |
| | | | Free-form name | | | | | |
| Must Use | N103 | 66 | Identification Code Qualifier | X | 1 | ID 1/2 | | |
| | | | Code designating the system/method of code structure used for Identification Code (67) | | | | | |
| | | 33 | Commercial and Government Entity (CAGE) | | | | | |
| Must Use | N104 | 67 | Identification Code | X | 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: **LE** Loop Trailer
Position: 2850
Loop: 0310 Optional (Must Use)
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.
Comments: 1 See Figures Appendix for an explanation of the use of the LE and LS segments.
Notes: *Must use with every occurrence of the LS segment. Use of this segment prevents collision of segments.*

Data Element Summary

| Ref. | Data | | Attributes |
|---|-------------|--------------------------|------------|
| | <u>Des.</u> | <u>Element Name</u> | |
| M | LE01 | 447 Loop Identifier Code | M 1 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 the numeric 0330.</i> | | | |

Segment: **FA1** Type of Financial Accounting Data
Position: 2900
Loop: 0340 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the organization controlling the content of the accounting citation, and the purpose associated with the accounting citation

Syntax Notes:

- Semantic Notes:**
- 1 FA101 Identifies the organization controlling the assignment of financial accounting information.
 - 2 FA102 Identifies the purpose of the accounting allowance or charge information.

Comments:

Data Element Summary

| | <u>Ref.</u> | <u>Data</u> | <u>Name</u> | <u>Attributes</u> |
|----------|-------------|----------------|---|-------------------|
| | <u>Des.</u> | <u>Element</u> | | |
| M | FA101 | 559 | Agency Qualifier Code | M 1 ID 2/2 |
| | | | Code identifying the agency assigning the code values | |
| | | | DF Department of Defense (DoD) | |
| | | | <i>Use to indicate that the Component originating the funds is a Department of Defense agency, including DLA.</i> | |
| | | | DN Department of the Navy | |
| | | | <i>Includes the United States Marine Corps.</i> | |
| | | | DY Department of Air Force | |
| | | | DZ Department of Army | |
| | | | FG Federal Government | |
| Must Use | FA102 | 1300 | Service, Promotion, Allowance, or Charge Code | O 1 ID 4/4 |
| | | | Code identifying the service, promotion, allowance, or charge | |
| | | | A170 Adjustments | |
| | | | A520 Base Charge | |
| | | | C930 Export Shipping Charge | |
| | | | D340 Goods and Services Charge | |
| | | | F060 Other Accessorial Service Charge | |
| | | | F560 Premium Transportation | |
| | | | I260 Transportation Direct Billing | |
| | | | R060 Packing, Crating, and Handling Charge | |
| Not Used | FA103 | 248 | Allowance or Charge Indicator | O 1 ID 1/1 |
| | | | Code which indicates an allowance or charge for the service specified | |

Segment: **FA2 Accounting Data**
Position: 3000
Loop: 0340 Optional
Level: Detail
Usage: Mandatory
Max Use: >1
Purpose: To specify the detailed accounting data
Syntax Notes:
Semantic Notes:
Comments:

Notes: *Use this 2/FA2/3000 segment to identify the various components of the line of accounting.*

Data Element Summary

| <u>Ref.</u> | <u>Data</u> | <u>Element</u> | <u>Name</u> | <u>Attributes</u> |
|-------------|-------------|----------------|---|-------------------|
| M | FA201 | 1196 | Breakdown Structure Detail Code | M 1 ID 2/2 |
| | | | Codes identifying details relating to a reporting breakdown structure tree | |
| | | 18 | Funds Appropriation | |
| | | A1 | Department Indicator | |
| | | A2 | Transfer from Department | |
| | | A3 | Fiscal Year Indicator | |
| | | A4 | Basic Symbol Number | |
| | | A5 | Sub-class | |
| | | A6 | Sub-Account Symbol | |
| | | B1 | Budget Activity Number | |
| | | B2 | Budget Sub-activity Number | |
| | | B5 | Fund Code | |
| | | BL | Billings | |
| | | | <i>Use to indicate the Government IMPAC card number under which payment for this obligation will be accomplished.</i> | |
| | | C1 | Program Element | |
| | | C2 | Project Task or Budget Subline | |
| | | C3 | Budget Restriction | |
| | | D1 | Defense Agency Allocation Recipient | |
| | | D2 | Defense Agency Sub-allocation Recipient | |
| | | D3 | Component Allocation Recipient | |
| | | D4 | Component Sub-allocation Recipient | |
| | | D5 | Allotment Recipient | |
| | | D6 | Sub-allotment Recipient | |
| | | D7 | Work Center Recipient | |

- E1 Major Reimbursement Source Code
- E2 Detail Reimbursement Source Code
- E3 Customer Indicator
- F1 Object Class
- F2 Object Sub-class
- F3 Government or Public Sector Identifier
- F4 Country Code
- G1 Program or Planning Code
- G2 Special Interest Code or Special Program Cost Code
- H1 Cost Code
- H2 Labor Type Code
- H3 Cost Allocation Code
- H4 Classification Code
- I1 Abbreviated Department of Defense (DoD) Budget and Accounting Classification Code (BACC)
- J1 Document or Record Reference Number
- L1 Accounting Installation Number
- Use to indicate the Authorization Accounting Authority (AAA)/Accounting and Disbursing Station Number (ADSN)/Fiscal Station Number (FSN).*
- N1 Transaction Type
- P1 Disbursing Station Number
- P2 International Balance of Payments (IBOP) Code
- P3 Voucher Number
- ZZ Mutually Defined

M FA202 1195 Financial Information Code M 1 AN 1/80
 Code representing financial accounting information

Segment: **SE** Transaction Set Trailer
Position: 0200
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

| | Ref. <u>Des.</u> | Data | | <u>Attributes</u> |
|---|---------------------|----------------|---|-------------------|
| | | <u>Element</u> | <u>Name</u> | |
| M | SE01 | 96 | Number of Included Segments | M 1 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 1 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> | |