

856 Ship Notice/Manifest

Functional Group=SH

This Draft Standard for Trial Use contains the format and establishes the data contents of the Ship Notice/Manifest Transaction Set (856) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to list the contents of a shipment of goods as well as additional information relating to the shipment, such as order information, product description, physical characteristics, type of packaging, marking, carrier information, and configuration of goods within the transportation equipment. The transaction set enables the sender to describe the contents and configuration of a shipment in various levels of detail and provides an ordered flexibility to convey information. The sender of this transaction is the organization responsible for detailing and communicating the contents of a shipment, or shipments, to one or more receivers of the transaction set. The receiver of this transaction set can be any organization having an interest in the contents of a shipment or information about the contents of a shipment.

Comments:

- 2/010L The HL segment is the only mandatory segment within the HL loop, and by itself, the HL segment has no meaning.
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Federal Note:

- Contractors use this transaction set to send a single Shipment Notice (SN).

DLMS Note:

- This DLMS Supplement is based upon the Federal Implementation Convention (IC) 856, Ship Notice/Manifest and is provided for clarification of internal DoD use of the 856 as it pertains to Wide Area Workflow – Receipt and Acceptance (WAWF-RA).
- This document describes the advance shipment notice as extracted from Wide Area Workflow (WAWF-RA) and forwarded to Defense Contract Management Agency (DCMA), payment offices, and receiving points. For submission of the 856 to WAWF-RA, please refer to the WAWF-RA Implementation Guide located on the WAWF-RA web site at URL: <https://wawf.eb.mil>.
- This document also supports internal DoD transactions for the Shipment Performance Notice and the Destination Acceptance Alert during DLMS migration and pending full implementation of WAWF.
- DoD, Federal and Civil Agency users operating under the Defense Logistics Management System (DLMS) must reference the Unit of Issue and Purchase Unit Conversion Table and the Transportation Mode of Shipment Conversion Table which can be found on the Defense Logistics Management Standards Office (DLMSO) web site at www.dla.mil/j-6/dlms.
- This transaction may be used to forward unique identification (UID) information as submitted by vendors to WAWF-RA. For more information about UID, refer to the UID web site at URL: <http://www.acq.osd.mil/uid/> for DoD policy and business rules.
- This transaction may be used to forward passive Radio Frequency Identification (RFID) tag information as submitted by vendors to WAWF-RA. For more information about RFID, refer to the DoD Automated Information Technology web site at URL: <http://www.dodait.com>

Heading:

| Pos | Id | Segment Name | Req | Max Use | Repeat | Notes | Usage |
|-----|-----|-----------------------------------|-----|---------|--------|-------|-------|
| 010 | ST | Transaction Set Header | M | 1 | | | Used |
| 020 | BSN | Beginning Segment for Ship Notice | M | 1 | | | Used |

Detail:

| Pos | Id | Segment Name | Req | Max Use | Repeat | Notes | Usage |
|----------------------|-----|---|-----|---------|---------------|----------------|----------|
| LOOP ID - HL | | | | | 200000 | C2/010L | |
| 010 | HL | Hierarchical Level | M | 1 | | C2/010 | Must use |
| 020 | LIN | Item Identification | O | 1 | | | Must use |
| 030 | SN1 | Item Detail (Shipment) | O | 1 | | | Used |
| 040 | SLN | Subline Item Detail | O | 1000 | | | Used |
| 050 | PRF | Purchase Order Reference | O | 1 | | | Used |
| 070 | PID | Product/Item Description | O | 200 | | | Used |
| 110 | TD1 | Carrier Details (Quantity and Weight) | O | 20 | | | Used |
| 120 | TD5 | Carrier Details (Routing Sequence/Transit Time) | O | 12 | | | Used |
| 150 | REF | Reference Identification | O | >1 | | | Used |
| LOOP ID - CLD | | | | | 200 | | |
| 170 | CLD | Load Detail | M | 1 | | | Must use |
| 180 | REF | Reference Identification | O | 200 | | | Used |
| 200 | DTM | Date/Time Reference | O | 10 | | | Used |
| 210 | FOB | F.O.B. Related Instructions | O | 1 | | | Used |
| LOOP ID - N1 | | | | | 200 | | |
| 220 | N1 | Name | M | 1 | | | Used |
| 230 | N2 | Additional Name Information | O | 2 | | | Used |

| <u>Pos</u> | <u>Id</u> | <u>Segment Name</u> | <u>Req</u> | <u>Max Use</u> | <u>Repeat</u> | <u>Notes</u> | <u>Usage</u> |
|----------------------|-----------|---|------------|----------------|---------------|--------------|--------------|
| 240 | N3 | Address Information | O | 2 | | | Used |
| 250 | N4 | Geographic Location | O | 1 | | | Used |
| 270 | PER | Administrative Communications Contact | O | 3 | | | Used |
| 290 | SDQ | Destination Quantity | O | 50 | | | Used |
| 310 | CUR | Currency | O | 1 | | | Used |
| LOOP ID - SAC | | | | | ≥1 | | |
| 320 | SAC | Service, Promotion, Allowance, or Charge Information | M | 1 | | | Must use |
| LOOP ID - LM | | | | | 10 | | |
| 340 | LM | Code Source Information | M | 1 | | | Must use |
| 350 | LQ | Industry Code | M | 100 | | | Used |

Summary:

| <u>Pos</u> | <u>Id</u> | <u>Segment Name</u> | <u>Req</u> | <u>Max Use</u> | <u>Repeat</u> | <u>Notes</u> | <u>Usage</u> |
|------------|-----------|-------------------------|------------|----------------|---------------|--------------|--------------|
| 020 | SE | Transaction Set Trailer | M | 1 | | | Used |

ST Transaction Set Header

| | |
|---------------------|-------------|
| Pos: 010 | Max: 1 |
| Heading - Mandatory | |
| Loop: N/A | Elements: 2 |

User Option (Usage): Used

To indicate the start of a transaction set and to assign a control number

Semantics:

- The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|---|------------|-------------|----------------|--------------|
| ST01 | 143 | Transaction Set Identifier Code Description: Code uniquely identifying a Transaction Set Code Name 856 Ship Notice/Manifest | M | ID | 3/3 | Used |
| ST02 | 329 | Transaction Set Control Number Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set Federal Note: <i>A unique number assigned by the originator of the transaction set, or the originator's application program.</i> | M | AN | 4/9 | Used |

BSN Beginning Segment for Ship Notice

| | |
|---------------------|-------------|
| Pos: 020 | Max: 1 |
| Heading - Mandatory | |
| Loop: N/A | Elements: 6 |

User Option (Usage): Used

To transmit identifying numbers, dates, and other basic data relating to the transaction set

Syntax Rules:

1. C0706 - If BSN07 is present, then BSN06 is required.

Semantics:

1. BSN03 is the date the shipment transaction set is created.
2. BSN04 is the time the shipment transaction set is created.
3. BSN06 is limited to shipment related codes.

Comments:

1. BSN06 and BSN07 differentiate the functionality of use for the transaction set.

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|---|------------|-------------|----------------|--------------|
| BSN01 | 353 | Transaction Set Purpose Code Description: Code identifying purpose of transaction set Code Name 00 Original 01 Cancellation DLMS Note: <i>Not applicable to initial DLMS implementation.</i> CO Corrected Federal Note: <i>Use only after receiving an acknowledgment of receipt for a previously transmitted Shipment Notice. When used, the entire Shipment Notice will be transmitted.</i> DLMS Note: <i>Not applicable to initial DLMS implementation.</i> | M | ID | 2/2 | Used |
| BSN02 | 396 | Shipment Identification Description: A unique control number assigned by the original shipper to identify a specific shipment Federal Note: <i>Use to cite the shipment number. If applicable, include the final shipment indicator (i.e., the letter Z) or if applicable, the replacement shipment indicator, e.g., A, B, etc., at the end of the shipment number.</i> | M | AN | 2/30 | Used |
| BSN03 | 373 | Date Description: Date expressed as CCYYMMDD Federal Note: 1. <i>Use to indicate the transaction set creation date.</i> 2. <i>Express the originating activity's date in Universal Time Coordinate (UTC).</i> | M | DT | 8/8 | Used |
| BSN04 | 337 | Time Description: 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) Federal Note: 1. <i>Express the originating activity's time in Universal Time Coordinate (UTC).</i> 2. <i>Express time in a six-position (Hour Hour Minute Minute Second Second) format.</i> | M | TM | 4/8 | Used |
| BSN05 | 1005 | Hierarchical Structure Code Description: Code indicating the hierarchical application structure of a transaction set that utilizes the HL segment to define the structure of the transaction set | O | ID | 4/4 | Used |
| BSN06 | 640 | Transaction Type Code Description: Code specifying the type of transaction Federal Note: <i>Use to indicate the type of transaction.</i> | X | ID | 2/2 | Used |

| <u>Code</u> | <u>Name</u> |
|--------------------|---|
| AS | Shipment Advice Federal Note: <i>Use to indicate the transaction is a Material Inspection and Receiving Report [Ship Notice] from a contractor.</i> |
| U2 | Shipment Performance Notice Federal Note: <i>Use only on Department of Defense internal systems [i.e., Defense Contract Management Agency] when the transaction set contains a Shipment Performance Notice (supplies or services).</i> |
| U4 | Acceptance Alert Federal Note: <i>Use only on Department of Defense internal systems when the transaction set contains a destination acceptance alert.</i> |

HL Hierarchical Level

| | |
|--------------------|-------------|
| Pos: 010 | Max: 1 |
| Detail - Mandatory | |
| Loop: HL | Elements: 4 |

User Option (Usage): Must use

To identify dependencies among and the content of hierarchically related groups of data segments

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.
2. The HL segment defines a top-down/left-right ordered structure.
3. 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.
4. HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
5. 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.
6. HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

Federal Note:

For WAWF-RA, the hierarchical structure shall be: Shipment (HL03 Code S), Address (HL03 code V), Item (HL03 Code I), UID (HL03 code D) and RFID (HL03 code P).

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|---|------------|-------------|----------------|--------------|
| HL01 | 628 | Hierarchical ID Number Description: A unique number assigned by the sender to identify a particular data segment in a hierarchical structure Federal Note: <i>In the first 2/HL/010 loop iteration, cite the number 1. In each subsequent loop iteration, increase incrementally by 1.</i> | M | AN | 1/12 | Used |
| HL02 | 734 | Hierarchical Parent ID Number Description: Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to Federal Note: <i>Do not use in the first occurrence of the 2/HL/010 address loop.</i> DLMS Note: <i>Use in subsequent 2/HL/010 loops to identify the relationship between a previous occurrence of the loop and the current occurrence of the loop. Use in shipment loop to associate with the address loop. Use in line item loops to associate with the shipment loop. Use in UID loops to associate with the applicable line item loop. Use in the first Pack/RFID loop for the highest level pack to associate with the shipment loop. Use in subsequent Pack/RFID loops to associate with either the shipment loop or the corresponding Pack/RFID loop which contains the pack detailed in this loop.</i> | O | AN | 1/12 | Used |
| HL03 | 735 | Hierarchical Level Code Description: Code defining the characteristic of a level in a hierarchical structure Code Name D Product Description Federal Note: <i>Use to identify UID data consistent with UID data requirements. Only segments 2/SLN/040 and 2/REF/150 are applicable to the UID data loop. Use a separate UID loop for each combination of UII type, original part number, Enterprise Identifier and Issuing Agency Code. Begin a new UID loop if any one of these elements differs.</i> I Item Federal Note: <i>1. Use to identify the individual line item loops.</i> DLMS Note: <i>The following detail segments are applicable to the line Item loop: 2/LIN/020, 2/SN1/030, 2/PID/070, 2/REF/150, 2/CLD/170, 2/REF/180, 2/LM/340, and 2/LQ/350.</i> | M | ID | 1/2 | Used |

Code Name

P Pack

Federal Note:

When providing RFID information pertaining to a shipment, use to identify individual pack loops associated with RFID. Only the 2/REF/150 and 2/SDQ/290 are used in this loop when reporting pack/RFID information.

S Shipment

DLMS Note:

Use to identify the shipment loop. The following detail segments are applicable to the Shipment loop: 2/PRF/050, 2/TD1/110, 2/TD5/120, 2/REF/150, 2/DTM/200, 2/FOB/210, 2/CUR/310, 2/SAC/320, 2/LM/340, and 2/LQ/350.

V Address Information

Federal Note:

Use to identify the transaction set address loop.

DLMS Note:

The following detail segments are applicable to the Address loop: 2/N1/220 and 2/PER/270.

HL04 736

Hierarchical Child Code

O ID 1/1 Used

Description: Code indicating if there are hierarchical child data segments subordinate to the level being described

Code Name

0 No Subordinate HL Segment in This Hierarchical Structure.

DLMS Note:

HL04 is always 0 in the UID loop, otherwise use as applicable.

1 Additional Subordinate HL Data Segment in This Hierarchical Structure.

DLMS Note:

HL04 is always 1 in the Address loop and Shipment loop, otherwise use as applicable.

LIN Item Identification

| | |
|-------------------|-------------|
| Pos: 020 | Max: 1 |
| Detail - Optional | |
| Loop: HL | Elements: 3 |

User Option (Usage): Must use

To specify basic item identification data

Syntax Rules:

1. P0405 - If either LIN04 or LIN05 is present, then the other is required.
2. P0607 - If either LIN06 or LIN07 is present, then the other is required.
3. P0809 - If either LIN08 or LIN09 is present, then the other is required.
4. P1011 - If either LIN10 or LIN11 is present, then the other is required.
5. P1213 - If either LIN12 or LIN13 is present, then the other is required.
6. P1415 - If either LIN14 or LIN15 is present, then the other is required.
7. P1617 - If either LIN16 or LIN17 is present, then the other is required.
8. P1819 - If either LIN18 or LIN19 is present, then the other is required.
9. P2021 - If either LIN20 or LIN21 is present, then the other is required.
10. P2223 - If either LIN22 or LIN23 is present, then the other is required.
11. P2425 - If either LIN24 or LIN25 is present, then the other is required.
12. P2627 - If either LIN26 or LIN27 is present, then the other is required.
13. P2829 - If either LIN28 or LIN29 is present, then the other is required.
14. P3031 - If either LIN30 or LIN31 is present, then the other is required.

Semantics:

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.

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|---|------------|-------------|----------------|--------------|
| LIN01 | 350 | Assigned Identification Description: Alphanumeric characters assigned for differentiation within a transaction set Federal Note: Use to identify in accordance with the format prescribed in the Defense Federal Acquisition Regulation Supplement Uniform Line Item Numbering Policy, the Line Item, if applicable, e.g., Contract Line Item Number, Sub Line Item Number, Exhibit Line Item Number, etc., in accordance with the Uniform Contract Line Item Numbering System. | O | AN | 1/20 | Used |
| LIN02 | 235 | Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) DLMS Note: Only the following codes are applicable under the DLMS. Code Name FS National Stock Number MG Manufacturer's Part Number SV Service Rendered Federal Note: Use to describe a service line item performed for any Service or Agency. When used, provide a text description in no more than 20 characters in the paired data element 234. DLMS Note: DLMS applicability is pending resolution of SPN-Service Line mapping. | M | ID | 2/2 | Used |
| LIN03 | 234 | Product/Service ID Description: Identifying number for a product or service | M | AN | 1/48 | Used |

SN1 Item Detail (Shipment)

| | |
|-------------------|-------------|
| Pos: 030 | Max: 1 |
| Detail - Optional | |
| Loop: HL | Elements: 2 |

User Option (Usage): Used

To specify line-item detail relative to shipment

Syntax Rules:

1. P0506 - If either SN105 or SN106 is present, then the other is required.

Semantics:

1. SN101 is the ship notice line-item identification.

Comments:

1. SN103 defines the unit of measurement for both SN102 and SN104.

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|--|------------|-------------|----------------|--------------|
| SN102 | 382 | Number of Units Shipped Description: Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set Federal Note: Use the number "0" (zero) to indicate no quantity was either shipped or reported, such as in an interim Shipment Performance Notice. DLMS Note: : Use to identify the quantity shipped. Quantity format is X(8).XX. | M | R | 1/10 | Used |
| SN103 | 355 | Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Federal Note: Use any code, other than code ZZ, to identify as necessary, the purchase unit for the quantity shipped or service performed. DLMS users see the Unit of Issue and Purchase Unit Conversion Table for available codes. Use code UL when no purchase unit applies. | M | ID | 2/2 | Used |

SLN Subline Item Detail

| | |
|-------------------|--------------|
| Pos: 040 | Max: 1000 |
| Detail - Optional | |
| Loop: HL | Elements: 12 |

User Option (Usage): Used

To specify product subline detail item data

Syntax Rules:

1. C0706 - If SLN07 is present, then SLN06 is required.
2. C0806 - If SLN08 is present, then SLN06 is required.
3. P0405 - If either SLN04 or SLN05 is present, then the other is required.
4. P0910 - If either SLN09 or SLN10 is present, then the other is required.
5. P1112 - If either SLN11 or SLN12 is present, then the other is required.
6. P1314 - If either SLN13 or SLN14 is present, then the other is required.
7. P1516 - If either SLN15 or SLN16 is present, then the other is required.
8. P1718 - If either SLN17 or SLN18 is present, then the other is required.
9. P1920 - If either SLN19 or SLN20 is present, then the other is required.
10. P2122 - If either SLN21 or SLN22 is present, then the other is required.
11. P2324 - If either SLN23 or SLN24 is present, then the other is required.
12. P2526 - If either SLN25 or SLN26 is present, then the other is required.
13. P2728 - If either SLN27 or SLN28 is present, then the other is required.

Semantics:

1. SLN01 is the identifying number for the subline item.
2. SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials.
3. SLN03 is the configuration code indicating the relationship of the subline item to the baseline item.
4. SLN08 is a code indicating the relationship of the price or amount to the associated segment.

Comments:

1. See the Data Element Dictionary for a complete list of IDs.
2. SLN01 is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1.
3. SLN09 through SLN28 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Element Summary:

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|-------|------|---|-----|------|---------|-------|
| SLN01 | 350 | Assigned Identification Description: Alphanumeric characters assigned for differentiation within a transaction set Federal Note: 1. This will always be "1" in the UID loop. | M | AN | 1/20 | Used |
| SLN03 | 662 | Relationship Code Description: Code indicating the relationship between entities Code Name O Information Only Federal Note: Use in UID loop to indicate UID information is provided. | M | ID | 1/1 | Used |
| SLN04 | 380 | Quantity Description: Numeric value of quantity Federal Note: This will always be "1" in the UID loop. | X | R | 1/15 | Used |
| SLN05 | C001 | Composite Unit of Measure Description: To identify a composite unit of measure(See Figures Appendix for examples of use) | X | Comp | | Used |
| | 355 | Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken DLMS Note: WAWF will use a constant "EA". Code Name EA Each | M | ID | 2/2 | Used |
| SLN09 | 235 | Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) Federal Note: Use in UID loop to identify the Ull Type in the first Product/Service pair. Use subsequent pairs | X | ID | 2/2 | Used |

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|---|------------|-------------|----------------|--------------|
| | | <i>to identify the Enterprise Identifier, Issuing Agency Code, and original part number, as applicable.</i> | | | | |
| | | Code Name | | | | |
| | | KF Item Type Number | | | | |
| | | Federal Note: | | | | |
| | | <i>Use to identify the UII type per UID guidance, e.g., VIN, UID1, UID2, etc., when known.</i> | | | | |
| SLN10 | 234 | Product/Service ID | X | AN | 1/48 | Used |
| | | Description: Identifying number for a product or service | | | | |
| SLN11 | 235 | Product/Service ID Qualifier | X | ID | 2/2 | Used |
| | | Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) | | | | |
| | | Code Name | | | | |
| | | MF Manufacturer | | | | |
| | | DLMS Note: | | | | |
| | | <i>Use to indicate the Enterprise Identifier. Required if UII Type=UID1 or UID2.</i> | | | | |
| SLN12 | 234 | Product/Service ID | X | AN | 1/48 | Used |
| | | Description: Identifying number for a product or service | | | | |
| SLN13 | 235 | Product/Service ID Qualifier | X | ID | 2/2 | Used |
| | | Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) | | | | |
| | | Code Name | | | | |
| | | MG Manufacturer's Part Number | | | | |
| | | DLMS Note: | | | | |
| | | <i>Use to indicate the original part number. Required if UII Type=UID2.</i> | | | | |
| SLN14 | 234 | Product/Service ID | X | AN | 1/48 | Used |
| | | Description: Identifying number for a product or service | | | | |
| SLN15 | 235 | Product/Service ID Qualifier | X | ID | 2/2 | Used |
| | | Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) | | | | |
| | | Code Name | | | | |
| | | XZ Contractor Establishment Code | | | | |
| | | DLMS Note: | | | | |
| | | <i>Use to indicate the Issuing Agency Code. Required if UII Type=UID1 or UID2.</i> | | | | |
| SLN16 | 234 | Product/Service ID | X | AN | 1/48 | Used |
| | | Description: Identifying number for a product or service | | | | |

PRF Purchase Order Reference

| | |
|-------------------|-------------|
| Pos: 050 | Max: 1 |
| Detail - Optional | |
| Loop: HL | Elements: 3 |

User Option (Usage): Used

To provide reference to a specific purchase order

Semantics:

1. PRF04 is the date assigned by the purchaser to purchase order.

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|--|------------|-------------|----------------|--------------|
| PRF01 | 324 | Purchase Order Number Description: Identifying number for Purchase Order assigned by the orderer/purchaser Federal Note: Enter the purchase order number, contract number (including Federal Supply Schedules, General Services Administration Schedules and all other basic contracts), Blanket Purchase Agreement number, Grant, Lease or Agreement number. This is always the Procurement Instrument Identification Number for the Department of Defense or the equivalent expression for Civilian Agencies. This is never the number of a delivery order, call or release against a basic award instrument. That number is carried in PRF02. This number shall be transmitted without dashes. DLMS Note: WAWF field length will configure to 13 positions for initial implementation. | M | AN | 1/22 | Used |
| PRF02 | 328 | Release Number Description: Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction Federal Note: Enter the number of a release, call or delivery order against a basic award instrument. This is always the Supplemental Procurement Instrument Identification Number for the Department of Defense or the equivalent expression for Civilian Agencies. This number shall be transmitted without dashes. DLMS Note: WAWF will configure to 4 positions for initial implementation. | O | AN | 1/30 | Used |
| PRF04 | 373 | Date Description: Date expressed as CCYYMMDD DLMS Note: This is the Delivery Order Date. | O | DT | 8/8 | Used |

PID Product/Item Description

| | |
|-------------------|-------------|
| Pos: 070 | Max: 200 |
| Detail - Optional | |
| Loop: HL | Elements: 2 |

User Option (Usage): Used

To describe a product or process in coded or free-form format

Syntax Rules:

1. C0403 - If PID04 is present, then PID03 is required.
2. C0703 - If PID07 is present, then PID03 is required.
3. C0804 - If PID08 is present, then PID04 is required.
4. C0905 - If PID09 is present, then PID05 is required.
5. R0405 - At least one of PID04 or PID05 is required.

Semantics:

1. Use PID03 to indicate the organization that publishes the code list being referred to.
2. PID04 should be used for industry-specific product description codes.
3. PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
4. PID09 is used to identify the language being used in PID05.

Comments:

1. If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
2. Use PID06 when necessary to refer to the product surface or layer being described in the segment.
3. PID07 specifies the individual code list of the agency specified in PID03.

Federal Note:*Use this segment only when additional free form text is needed to describe the item cited in LIN01 (HL03 code is I).***DLMS Note:***Use 1-25 iterations as needed.***Element Summary:**

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|--|------------|-------------|----------------|--------------|
| PID01 | 349 | Item Description Type Description: Code indicating the format of a description Code Name F Free-form | M | ID | 1/1 | Used |
| PID05 | 352 | Description Description: A free-form description to clarify the related data elements and their content Federal Note: <i>Use to describe the item cited in LIN01 only when an additional description is required.</i> DLMS Note: <i>Mandatory entry for WAWF.</i> | X | AN | 1/80 | Must use |

TD1 Carrier Details (Quantity and Weight)

| | |
|-------------------|-------------|
| Pos: 110 | Max: 20 |
| Detail - Optional | |
| Loop: HL | Elements: 2 |

User Option (Usage): Used

To specify the transportation details relative to commodity, weight, and quantity

Syntax Rules:

1. C0102 - If TD101 is present, then TD102 is required.
2. C0304 - If TD103 is present, then TD104 is required.
3. C0607 - If TD106 is present, then TD107 is required.
4. P0708 - If either TD107 or TD108 is present, then the other is required.
5. P0910 - If either TD109 or TD110 is present, then the other is required.

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|---|------------|-------------|----------------|--------------|
| TD107 | 81 | Weight Description: Numeric value of weight Federal Note: <i>The actual gross weight in pounds of the shipment being reported.</i> | X | R | 1/10 | Used |
| TD108 | 355 | Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken | X | ID | 2/2 | Used |
| | | Code Name | | | | |
| | | LB Pound | | | | |

TD5 Carrier Details (Routing Sequence/Transit Time)

| | |
|-------------------|-------------|
| Pos: 120 | Max: 12 |
| Detail - Optional | |
| Loop: HL | Elements: 1 |

User Option (Usage): Used

To specify the carrier and sequence of routing and provide transit time information

Syntax Rules:

1. C0203 - If TD502 is present, then TD503 is required.
2. C0708 - If TD507 is present, then TD508 is required.
3. C1011 - If TD510 is present, then TD511 is required.
4. C1312 - If TD513 is present, then TD512 is required.
5. C1413 - If TD514 is present, then TD513 is required.
6. C1512 - If TD515 is present, then TD512 is required.
7. R0204050612 - At least one of TD502, TD504, TD505, TD506 or TD512 is required.

Semantics:

1. TD515 is the country where the service is to be performed.

Comments:

1. When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|---|------------|-------------|----------------|--------------|
| TD504 | 91 | Transportation Method/Type Code Description: Code specifying the method or type of transportation for the shipment Federal Note: Use any code to identify the mode of shipment. DLMS users see the Transportation Mode of Shipment Conversion Table for available codes. | X | ID | 1/2 | Used |

REF Reference Identification

| | |
|-------------------|-------------|
| Pos: 150 | Max: >1 |
| Detail - Optional | |
| Loop: HL | Elements: 3 |

User Option (Usage): Used

To specify identifying information

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Semantics:

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

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|--|------------|-------------|----------------|--------------|
| REF01 | 128 | Reference Identification Qualifier Description: Code qualifying the Reference Identification DLMS Note: <i>Only the following codes are applicable.</i> Code Name | M | ID | 2/3 | Used |
| | | 93 Funds Authorization DLMS Note: <i>Applicable to Line Item loop. Use to indicate the Standard Document Number. Length is 1-30.</i> | | | | |
| | | AI Associated Invoices DLMS Note: <i>Applicable to Shipment loop. When used REF03 will reflect the associated invoice date in CCYYMMDD format.</i> | | | | |
| | | AX Government Accounting Class Reference Number (ACRN) DLMS Note: <i>Applicable to Line Item loop. Future enhancement to allow multiple ACRNS. When the future multiple ACRN is implemented, REF03 will contain the amount associated with the ACRN.</i> | | | | |
| | | BL Government Bill of Lading DLMS Note: <i>Applicable to Shipment loop.</i> | | | | |
| | | JH Tag DLMS Note: <i>Use in RFID/Pack loops to identify the RFID tag value at the applicable pack level (i.e., palletized unit load, exterior container, or UID packaging). Cite the RFID in the REF03.</i> | | | | |
| | | RE Release Number DLMS Note: <i>Applicable to Shipment loop. Indicate Y in REF02 when applicable.</i> | | | | |
| | | TG Transportation Control Number (TCN) DLMS Note: <i>Applicable to Shipment loop.</i> | | | | |
| | | U3 Unique Supplier Identification Number (USIN) DLMS Note: <i>1. Use in UID loop to identify the UII value. Cite the UII in REF03. Cite the serial number, when applicable, in REF02.</i> <i>2. Use in RFID loop for UII value when RFID is provided at the UID packaging level.</i> | | | | |
| REF02 | 127 | Reference Identification Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier | X | AN | 1/30 | Used |
| REF03 | 352 | Description Description: A free-form description to clarify the related data elements and their content Federal Note: <i>Use to indicate UID value when REF01=U3.</i> DLMS Note: <i>Use to indicate RFID when REF01=JH.</i> | X | AN | 1/80 | Used |

CLD Load Detail

| | |
|--------------------|-------------|
| Pos: 170 | Max: 1 |
| Detail - Mandatory | |
| Loop: CLD | Elements: 3 |

User Option (Usage): Must use

To specify the number of material loads shipped

Syntax Rules:

1. C0504 - If CLD05 is present, then CLD04 is required.

Semantics:

1. CLD05 is used to dimension the value given in CLD04.

Comments:

1. The CLD data segment may be used to provide information to aid in the preparation of move tags and/or bar coded labels.

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|---|------------|-------------|----------------|--------------|
| CLD01 | 622 | Number of Loads Description: Number of customer-defined loads shipped by the supplier DLMS Note: <i>Cite 1 for ANSI syntax.</i> | M | N0 | 1/5 | Used |
| CLD02 | 382 | Number of Units Shipped Description: Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set Federal Note: <i>Indicate the quantity of the item shipped for the requisition number cited in the REF segment.</i> | M | R | 1/10 | Used |
| CLD05 | 355 | Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Federal Note: <i>Use any code, other than code ZZ, however, it must be the same code used in the Contract Line Item Number description for the contract contained in the LIN segment.</i> DLMS Note: <i>DLMS users see the Unit of Issue and Purchase Unit Conversion Table for available codes.</i> All valid standard codes are used. | X | ID | 2/2 | Used |

REF Reference Identification

| | |
|-------------------|-------------|
| Pos: 180 | Max: 200 |
| Detail - Optional | |
| Loop: CLD | Elements: 3 |

User Option (Usage): Used

To specify identifying information

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Semantics:

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

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|---|------------|-------------|----------------|--------------|
| REF01 | 128 | Reference Identification Qualifier Description: Code qualifying the Reference Identification Code Name TN Transaction Reference Number Federal Note: <i>Use to indicate the transaction number (i.e., the requisition number).</i> | M | ID | 2/3 | Used |
| REF02 | 127 | Reference Identification Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier | X | AN | 1/30 | Used |
| REF04 | C040 | Reference Identifier Description: To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier | O | Comp | | Used |
| | 128 | Reference Identification Qualifier Description: Code qualifying the Reference Identification Code Name W8 Suffix Federal Note: <i>Use with REF01 code TN, if applicable, to cite a suffix associated with the cited requisition (document) number.</i> | M | ID | 2/3 | Used |
| | 127 | Reference Identification Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier | M | AN | 1/30 | Used |

DTM Date/Time Reference

| | |
|-------------------|-------------|
| Pos: 200 | Max: 10 |
| Detail - Optional | |
| Loop: HL | Elements: 4 |

User Option (Usage): Used

To specify pertinent dates and times

Syntax Rules:

1. C0403 - If DTM04 is present, then DTM03 is required.
2. P0506 - If either DTM05 or DTM06 is present, then the other is required.
3. R020305 - At least one of DTM02, DTM03 or DTM05 is required.

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|---|------------|-------------|----------------|--------------|
| DTM01 | 374 | Date/Time Qualifier Description: Code specifying type of date or time, or both date and time Federal Note: <i>Use only one code except for bulk petroleum shipments which may cite codes 011 and 375 together, if applicable.</i> Code Name 011 Shipped Federal Note: <i>Use to indicate that a supply activity has shipped (i.e., the date a shipment was released to a carrier).</i> 139 Estimated Federal Note: <i>Use to indicate the estimated date when a supply will be shipped, (i.e., the estimated date a shipment will be released to a carrier).</i> 198 Completion DLMS Note: <i>Use to indicated date completed for services rendered.</i> 201 Acceptance | M | ID | 3/3 | Used |
| DTM02 | 373 | Date Description: Date expressed as CCYYMMDD | X | DT | 8/8 | Used |
| DTM05 | 1250 | Date Time Period Format Qualifier Description: Code indicating the date format, time format, or date and time format Federal Note: <i>Use to indicate dates in another format.</i> | X | ID | 2/3 | Used |
| DTM06 | 1251 | Date Time Period Description: Expression of a date, a time, or range of dates, times or dates and times | X | AN | 1/35 | Used |

FOB F.O.B. Related Instructions

| | |
|-------------------|-------------|
| Pos: 210 | Max: 1 |
| Detail - Optional | |
| Loop: HL | Elements: 2 |

User Option (Usage): Used

To specify transportation instructions relating to shipment

Syntax Rules:

1. C0302 - If FOB03 is present, then FOB02 is required.
2. C0405 - If FOB04 is present, then FOB05 is required.
3. C0706 - If FOB07 is present, then FOB06 is required.
4. C0809 - If FOB08 is present, then FOB09 is required.

Semantics:

1. FOB01 indicates which party will pay the carrier.
2. FOB02 is the code specifying transportation responsibility location.
3. FOB06 is the code specifying the title passage location.
4. FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|--|------------|-------------|----------------|--------------|
| FOB01 | 146 | Shipment Method of Payment Description: Code identifying payment terms for transportation charges | M | ID | 2/2 | Used |
| | | Code Name DF Defined by Buyer and Seller | | | | |
| FOB02 | 309 | Location Qualifier Description: Code identifying type of location | X | ID | 1/2 | Used |
| | | Code Name DE Destination (Shipping) IT Intermediate FOB Point OR Origin (Shipping Point) | | | | |

N1 Name

| | |
|--------------------|-------------|
| Pos: 220 | Max: 1 |
| Detail - Mandatory | |
| Loop: N1 | Elements: 4 |

User Option (Usage): Used

To identify a party by type of organization, name, and code

Syntax Rules:

1. P0304 - If either N103 or N104 is present, then the other is required.
2. R0203 - At least one of N102 or N103 is required.

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.

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|--|------------|-------------|----------------|--------------|
| N101 | 98 | Entity Identifier Code Description: Code identifying an organizational entity, a physical location, property or an individual Code Name BY Buying Party (Purchaser) DLMS Note: <i>This is the contracting office that issued the contract identified by DoDAAC.</i> C4 Contract Administration Office Federal Note: <i>Use to identify the Administered By activity.</i> CJ Automated Data Processing (ADP) Point DLMS Note: <i>Use to identify WAWF-RA as the transaction originator.</i> KZ Acceptance Location Federal Note: <i>Use to indicate acceptance is at other than origin or destination.</i> L1 Inspection Location Federal Note: <i>Use to indicate the inspection location when it has to be described as an address.</i> PO Party to Receive Invoice for Goods or Services Federal Note: <i>Use to indicate where the invoice should be sent.</i> DLMS Note: <i>This is the Local Processing Official (LPO) identified by DoDAAC; not applicable on MOCAS or SAMMS/BSM paid contracts.</i> PR Payer Federal Note: <i>Use to identify the Payment Will be Made by Activity.</i> DLMS Note: <i>This is the Defense Finance and Accounting Service (DFAS) office responsible for payment identified by DoDAAC.</i> SE Selling Party Federal Note: <i>Use to identify the Prime Contractor.</i> SF Ship From Federal Note: <i>Use to indicate the Ship From activity (shipping point).</i> ST Ship To Federal Note: <i>Use to indicate the Ship-to location. Do not use for service line items when there is no shipment of material.</i> SV Service Performance Site Federal Note: <i>Use to identify the performance location if other than the contractor's site (e.g., the Quality Assurance Representative's site). Use as many occurrences as necessary to cite if applicable, multiple performance locations.</i> Z7 Mark-for Party | M | ID | 2/3 | Used |
| N103 | 66 | Identification Code Qualifier Description: Code designating the system/method of | X | ID | 1/2 | Used |

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|---|------------|-------------|----------------|--------------|
| | | code structure used for Identification Code (67) | | | | |
| | | Code Name | | | | |
| | | 1 D-U-N-S Number, Dun & Bradstreet | | | | |
| | | 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix | | | | |
| | | 10 Department of Defense Activity Address Code (DODAAC) | | | | |
| | | 33 Commercial and Government Entity (CAGE) | | | | |
| | | A2 Military Assistance Program Address Code (MAPAC) | | | | |
| | | Federal Note: | | | | |
| | | <i>Use to identify a Foreign Military Sale/Grant Aid Ship-To or Mark-For address. Use when N101 is code ST.</i> | | | | |
| | | ZZ Mutually Defined | | | | |
| | | DLMS Note: | | | | |
| | | <i>Use to identify WAWF-RA as the transaction originator.</i> | | | | |
| N104 | 67 | Identification Code | X | AN | 2/80 | Used |
| | | Description: Code identifying a party or other code | | | | |
| | | Federal Note: <i>Use to cite the actual Dun and Bradstreet, Dun and Bradstreet + 4, Department of Defense Activity Address Code, Contractor and Government Entity Code or Military Assistance Program Address Code of the activity cited in N101, as signaled in N103.</i> | | | | |
| N106 | 98 | Entity Identifier Code | O | ID | 2/3 | Used |
| | | Description: Code identifying an organizational entity, a physical location, property or an individual | | | | |
| | | Code Name | | | | |
| | | FR Message From | | | | |
| | | Federal Note: | | | | |
| | | <i>Use to indicate that the organization cited in N104 transmitted the transaction set.</i> | | | | |
| | | TO Message To | | | | |
| | | Federal Note: | | | | |
| | | <i>Use to indicate that the organization cited in N104 is to receive the transaction set.</i> | | | | |

N2 Additional Name Information

| | |
|-------------------|-------------|
| Pos: 230 | Max: 2 |
| Detail - Optional | |
| Loop: N1 | Elements: 2 |

User Option (Usage): Used

To specify additional names or those longer than 35 characters in length

DLMS Note:

Not applicable to initial DLMS implementation (intended for future use to provide clear-text ship-to addresses when either DoDAAC or proper associated address is not available for direct vendor delivery).

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|------------------------------------|------------|-------------|----------------|--------------|
| N201 | 93 | Name | M | AN | 1/60 | Used |
| | | Description: Free-form name | | | | |
| N202 | 93 | Name | O | AN | 1/60 | Used |
| | | Description: Free-form name | | | | |

N3 Address Information

| | |
|-------------------|-------------|
| Pos: 240 | Max: 2 |
| Detail - Optional | |
| Loop: N1 | Elements: 2 |

User Option (Usage): Used

To specify the location of the named party

DLMS Note:

Not applicable to initial DLMS implementation (intended for future use to provide clear-text ship-to addresses when either DoDAAC or proper associated address is not available for direct vendor delivery).

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|---|------------|-------------|----------------|--------------|
| N301 | 166 | Address Information Description: Address information | M | AN | 1/55 | Used |
| N302 | 166 | Address Information Description: Address information | O | AN | 1/55 | Used |

N4 Geographic Location

| | |
|-------------------|-------------|
| Pos: 250 | Max: 1 |
| Detail - Optional | |
| Loop: N1 | Elements: 6 |

User Option (Usage): Used

To specify the geographic place of the named party

Syntax Rules:

1. C0605 - If N406 is present, then N405 is required.

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.

DLMS Note:

Not applicable to initial DLMS implementation (intended for future use to provide clear-text ship-to addresses when either DoDAAC or proper associated address is not available for direct vendor delivery).

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|---|------------|-------------|----------------|--------------|
| N401 | 19 | City Name Description: Free-form text for city name | O | AN | 2/30 | Used |
| N402 | 156 | State or Province Code Description: Code (Standard State/Province) as defined by appropriate government agency | O | ID | 2/2 | Used |
| N403 | 116 | Postal Code Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States) | O | ID | 3/15 | Used |
| N404 | 26 | Federal Note: <i>Do not use a dash in the zip code.</i> Country Code Description: Code identifying the country Federal Note: <i>Use only when other than the United States.</i> | O | ID | 2/3 | Used |
| N405 | 309 | Location Qualifier Description: Code identifying type of location Code Name AR Armed Services Location Designation Federal Note: <i>Use to indicate an Army Post Office (APO) or a Fleet Post Office (FPO)</i> | X | ID | 1/2 | Used |
| N406 | 310 | Location Identifier Description: Code which identifies a specific location | X | AN | 1/30 | Used |

PER Administrative Communications Contact

| | |
|-------------------|-------------|
| Pos: 270 | Max: 3 |
| Detail - Optional | |
| Loop: N1 | Elements: 4 |

User Option (Usage): Used

To identify a person or office to whom administrative communications should be directed

Syntax Rules:

1. P0304 - If either PER03 or PER04 is present, then the other is required.
2. P0506 - If either PER05 or PER06 is present, then the other is required.
3. P0708 - If either PER07 or PER08 is present, then the other is required.

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|--|------------|-------------|----------------|--------------|
| PER01 | 366 | Contact Function Code Description: Code identifying the major duty or responsibility of the person or group named <u>Code Name</u> IC Information Contact | M | ID | 2/2 | Used |
| PER02 | 93 | Name Description: Free-form name | O | AN | 1/60 | Used |
| PER03 | 365 | Communication Number Qualifier Description: Code identifying the type of communication number <u>Code Name</u> TE Telephone | X | ID | 2/2 | Used |
| PER04 | 364 | Communication Number Description: Complete communications number including country or area code when applicable | X | AN | 1/80 | Used |

SDQ Destination Quantity

| | |
|-------------------|--------------|
| Pos: 290 | Max: 50 |
| Detail - Optional | |
| Loop: HL | Elements: 22 |

User Option (Usage): Used

To specify destination and quantity detail

Syntax Rules:

1. P0506 - If either SDQ05 or SDQ06 is present, then the other is required.
2. P0708 - If either SDQ07 or SDQ08 is present, then the other is required.
3. P0910 - If either SDQ09 or SDQ10 is present, then the other is required.
4. P1112 - If either SDQ11 or SDQ12 is present, then the other is required.
5. P1314 - If either SDQ13 or SDQ14 is present, then the other is required.
6. P1516 - If either SDQ15 or SDQ16 is present, then the other is required.
7. P1718 - If either SDQ17 or SDQ18 is present, then the other is required.
8. P1920 - If either SDQ19 or SDQ20 is present, then the other is required.
9. P2122 - If either SDQ21 or SDQ22 is present, then the other is required.

Semantics:

1. SDQ23 identifies the area within the location identified in SDQ03, SDQ05, SDQ07, SDQ09, SDQ11, SDQ13, SDQ15, SDQ17, SDQ19, and SDQ21.

Comments:

1. SDQ02 is used only if different than previously defined in the transaction set.
2. SDQ03 is the store number.
3. SDQ23 may be used to identify areas within a store, e.g., front room, back room, selling outpost, end aisle display, etc. The value is agreed to by trading partners or industry conventions.

Element Summary:

| Ref | Id | Element Name | Req | Type | Min/Max | Usage |
|-------|-----|--|-----|------|---------|-------|
| SDQ01 | 355 | Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Federal Note: Use Code ZZ as filler in 2/HL/010 RFID loops to satisfy the X12 standards syntax. Code Name ZZ Mutually Defined | M | ID | 2/2 | Used |
| SDQ03 | 67 | Identification Code Description: Code identifying a party or other code Federal Note: Use in 2/HL/10 RFID/Pack loop to associate a CLIN/SubCLIN/ELIN with the RFID tag value. DLMS Note: Use subsequent code/quantity pairs as needed. | M | AN | 2/80 | Used |
| SDQ04 | 380 | Quantity Description: Numeric value of quantity Federal Note: Use in 2/HL/10 RFID loop to identify the quantity of the SDQ03 line item contained in the pack layer identified by parent RFID loop. | M | R | 1/15 | Used |
| SDQ05 | 67 | Identification Code Description: Code identifying a party or other code | X | AN | 2/80 | Used |
| SDQ06 | 380 | Quantity Description: Numeric value of quantity | X | R | 1/15 | Used |
| SDQ07 | 67 | Identification Code Description: Code identifying a party or other code | X | AN | 2/80 | Used |
| SDQ08 | 380 | Quantity Description: Numeric value of quantity | X | R | 1/15 | Used |
| SDQ09 | 67 | Identification Code Description: Code identifying a party or other code | X | AN | 2/80 | Used |
| SDQ10 | 380 | Quantity Description: Numeric value of quantity | X | R | 1/15 | Used |
| SDQ11 | 67 | Identification Code Description: Code identifying a party or other code | X | AN | 2/80 | Used |
| SDQ12 | 380 | Quantity Description: Numeric value of quantity | X | R | 1/15 | Used |

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|---|------------|-------------|----------------|--------------|
| SDQ13 | 67 | Description: Numeric value of quantity Identification Code | X | AN | 2/80 | Used |
| SDQ14 | 380 | Description: Code identifying a party or other code Quantity | X | R | 1/15 | Used |
| SDQ15 | 67 | Description: Numeric value of quantity Identification Code | X | AN | 2/80 | Used |
| SDQ16 | 380 | Description: Code identifying a party or other code Quantity | X | R | 1/15 | Used |
| SDQ17 | 67 | Description: Numeric value of quantity Identification Code | X | AN | 2/80 | Used |
| SDQ18 | 380 | Description: Code identifying a party or other code Quantity | X | R | 1/15 | Used |
| SDQ19 | 67 | Description: Numeric value of quantity Identification Code | X | AN | 2/80 | Used |
| SDQ20 | 380 | Description: Code identifying a party or other code Quantity | X | R | 1/15 | Used |
| SDQ21 | 67 | Description: Numeric value of quantity Identification Code | X | AN | 2/80 | Used |
| SDQ22 | 380 | Description: Code identifying a party or other code Quantity | X | R | 1/15 | Used |
| SDQ23 | 310 | Description: Numeric value of quantity Location Identifier | O | AN | 1/30 | Used |
| | | Description: Code which identifies a specific location | | | | |

CUR Currency

| | |
|-------------------|-------------|
| Pos: 310 | Max: 1 |
| Detail - Optional | |
| Loop: HL | Elements: 2 |

User Option (Usage): Used

To specify the currency (dollars, pounds, francs, etc.) used in a transaction

Syntax Rules:

1. C0807 - If CUR08 is present, then CUR07 is required.
2. C0907 - If CUR09 is present, then CUR07 is required.
3. C1110 - If CUR11 is present, then CUR10 is required.
4. C1210 - If CUR12 is present, then CUR10 is required.
5. C1413 - If CUR14 is present, then CUR13 is required.
6. C1513 - If CUR15 is present, then CUR13 is required.
7. C1716 - If CUR17 is present, then CUR16 is required.
8. C1816 - If CUR18 is present, then CUR16 is required.
9. C2019 - If CUR20 is present, then CUR19 is required.
10. C2119 - If CUR21 is present, then CUR19 is required.
11. L101112 - If CUR10 is present, then at least one of CUR11 or CUR12 is required.
12. L131415 - If CUR13 is present, then at least one of CUR14 or CUR15 is required.
13. L161718 - If CUR16 is present, then at least one of CUR17 or CUR18 is required.
14. L192021 - If CUR19 is present, then at least one of CUR20 or CUR21 is required.

Comments:

1. See Figures Appendix for examples detailing the use of the CUR segment.

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|---|------------|-------------|----------------|--------------|
| CUR01 | 98 | Entity Identifier Code Description: Code identifying an organizational entity, a physical location, property or an individual Code Name BY Buying Party (Purchaser) | M | ID | 2/3 | Used |
| CUR02 | 100 | Currency Code Description: Code (Standard ISO) for country in whose currency the charges are specified DLMS Note: Use to identify Foreign Currency. | M | ID | 3/3 | Used |

SAC Service, Promotion, Allowance, or Charge Information

| | |
|--------------------|-------------|
| Pos: 320 | Max: 1 |
| Detail - Mandatory | |
| Loop: SAC | Elements: 2 |

User Option (Usage): Must use

To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Syntax Rules:

1. C1110 - If SAC11 is present, then SAC10 is required.
2. C1413 - If SAC14 is present, then SAC13 is required.
3. C1615 - If SAC16 is present, then SAC15 is required.
4. P0304 - If either SAC03 or SAC04 is present, then the other is required.
5. P0607 - If either SAC06 or SAC07 is present, then the other is required.
6. P0910 - If either SAC09 or SAC10 is present, then the other is required.
7. R0203 - At least one of SAC02 or SAC03 is required.
8. L130204 - If SAC13 is present, then at least one of SAC02 or SAC04 is required.

Semantics:

1. If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
2. SAC05 is the total amount for the service, promotion, allowance, or charge.
3. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
4. SAC08 is the allowance or charge rate per unit.
5. SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity.
6. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
7. SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
8. SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
9. SAC16 is used to identify the language being used in SAC15.

Comments:

1. SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.
2. In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to as "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|---|------------|-------------|----------------|--------------|
| SAC01 | 248 | Allowance or Charge Indicator Description: Code which indicates an allowance or charge for the service specified Code Name N No Allowance or Charge Federal Note: <i>Use with code B020 in SAC02 to indicate a shipment is made under Certificate of Conformance terms.</i> | M | ID | 1/1 | Used |
| SAC02 | 1300 | Service, Promotion, Allowance, or Charge Code Description: Code identifying the service, promotion, allowance, or charge Code Name B020 Certificate of Conformance Federal Note: <i>Use to indicate when contract terms provide for use of Certificate of Conformance, and shipment is made under those terms.</i> | X | ID | 4/4 | Used |

LM Code Source Information

| | |
|--------------------|-------------|
| Pos: 340 | Max: 1 |
| Detail - Mandatory | |
| Loop: LM | Elements: 1 |

User Option (Usage): Must use

To transmit standard code list identification information

Comments:

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

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|---|------------|-------------|----------------|--------------|
| LM01 | 559 | Agency Qualifier Code | M | ID | 2/2 | Used |
| | | Description: Code identifying the agency assigning the code values | | | | |
| | | Code Name | | | | |
| | | DF Department of Defense (DoD) | | | | |

LQ Industry Code

| | |
|--------------------|-------------|
| Pos: 350 | Max: 100 |
| Detail - Mandatory | |
| Loop: LM | Elements: 2 |

User Option (Usage): Used

Code to transmit standard industry codes

Syntax Rules:

1. C0102 - If LQ01 is present, then LQ02 is required.

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|---|------------|-------------|----------------|--------------|
| LQ01 | 1270 | Code List Qualifier Code Description: Code identifying a specific industry code list | X | ID | 1/3 | Used |
| | | Code Name | | | | |
| | | 0 Document Identification Code | | | | |
| | | 6 Special Contract Provision Code | | | | |
| | | Federal Note: <i>Use to indicate special contract provisions applicable to the shipment.</i> | | | | |
| | | 7 Quality Assurance Site Code | | | | |
| | | Federal Note: <i>Use to indicate the quality assurance performance location.</i> | | | | |
| | | 8 Acceptance Site Code | | | | |
| | | Federal Note: <i>Use to indicate the acceptance site.</i> | | | | |
| | | 10 Transaction Status Indicator Code | | | | |
| | | Federal Note: <i>Use to identify the status of supply and service shipment notices.</i> | | | | |
| | | 14 Contract Shipment Advice Code | | | | |
| | | Federal Note: <i>Use as required to identify contract shipment advice information for supply and service shipment notices.</i> | | | | |
| | | 16 Cash Discount Stipulation Code | | | | |
| | | Federal Note: <i>Use to indicate that a shipment involves discount payment terms.</i> | | | | |
| LQ02 | 1271 | Industry Code Description: Code indicating a code from a specific industry code list | X | AN | 1/30 | Used |
| | | Federal Note: 1. When preparing an internal Department of Defense transaction, and when LQ01 cites code 0, cite one of document identifier codes PJJ, PJR or PK5. 2. When preparing a Defense Logistics Management System destination acceptance alert, and when LQ01 is code 6, use only code A (Liquidated Damages). For others, use as many of these codes as are appropriate: A (Liquidated Damages), E (Government furnished property was part of the contract) or K (Bond bailment for DPSC clothing contracts). 3. When preparing a Defense Logistics Management System destination acceptance alert, and when LQ01 is code 7, use one of these codes: D (Destination) or S (Origin, Source). 4. When preparing a Defense Logistics Management System destination acceptance alert, and when LQ01 is code 8, use one of these codes: D (Destination) or S (Origin, Source). 5. When preparing a Defense Logistics Management System shipment performance notice, and when LQ01 is code 10, use as many of these codes as applicable: G (Ship-To code differs from contract), H (Stock number/part number differs from contract), L (MILSTRIP document number differs from contract), P (Final quantity shipped exceeds quantity variance for the cited CLIN), Q (Mark-for differs from contract), S (Two or more of the ship-to, mark-for, MILSTRIP | | | | |

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|--|------------|-------------|----------------|--------------|
| | | <p>document number do not match the contract), T (Quantity shipped exceed the on-order quantity and the stock/part number differ from the contract).</p> <p>6. When preparing a Defense Logistics Management System shipment performance notice, and when LQ01 is code 14, use, as applicable only one of the codes: A (Components missing), B (Missing components furnished), C (Quantity increase), D (Quantity decrease), E (Replacement shipment), F (Shipped and held in bond at contractor's plant), G (Shipped and held as GFP), H (Shipped or performed as indicated), and Z (Underrun quantity). While multiple codes can be transmitted, only one will be converted to an 80-column record in the Defense Logistics Management System.</p> <p>7. When LQ01 is code 16, use one of the following codes: D (Discount), or N (No discount).</p> | | | | |

SE Transaction Set Trailer

| | |
|---------------------|-------------|
| Pos: 020 | Max: 1 |
| Summary - Mandatory | |
| Loop: N/A | Elements: 2 |

User Option (Usage): Used

To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Comments:

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

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|--|------------|-------------|----------------|--------------|
| SE01 | 96 | Number of Included Segments Description: Total number of segments included in a transaction set including ST and SE segments | M | N0 | 1/10 | Used |
| SE02 | 329 | Transaction Set Control Number Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set Federal Note: <i>Cite the same number as the one cited in ST02.</i> | M | AN | 4/9 | Used |

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