# DOD Application Data Qualifiers for Automatic Data Capture

**Prepared by:**

**USTRANSCOM J4-T**
(618) 220-4601

**As of: June 2014**

# Format 06 Data Identifiers (DI)
# Format 07 Data Element Identifiers (DEI)
# Format 05 Application Identifiers (AI)
# Format 12 Text Element Identifiers (TEI)

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## Data Element Matrix Notes:

The following lists of data qualifiers show all Data Identifiers (DI), DOD assigned Data Element Identifiers (DEI), Application Identifiers (AI), and Text Element Identifiers (TEI) currently used, available for use, or "not used" by DOD in high-capacity automatic data capture media applications monitored by the USTRANSCOM J4-T. The "not used" legacy assignments are shown for data qualifiers previously adopted but no longer used by a DOD application.

Activities desiring to use any data qualifier from a grayed out cell in the following lists or from another data qualifier source (e.g. MH10.8.2) shall obtain concurrence from the USTRANSCOM support staff (618 220-4601) prior to such use. Use of data qualifiers in applications not listed in this document must also be coordinated with USTRANSCOM.

Once a data qualifier DI/DEI/AI/TEI has been approved for use, the assigned usage will not change. Data qualifier use is application specific because the same code may have slightly different meanings (usage) in different applications (see DI 7Q). If a substantive change to a qualifier definition is required, a new data qualifier will be assigned. Requests for the publication of new DIs in MH10.8.2 will only be done by the USTRANSCOM J4-T support staff. No DEIs will be assigned for future applications.

The use of the Y series DIs is restricted to internal DOD applications and DOD trading partners. Non-DOD commercial applications are not expected to use (read or write) the Y series DIs.

This document will be posted on the USTRANSCOM Automatic Identification Technology and In-Transit Visibility web site at: http://www.transcom.mil/ait/. To request changes to or modification of the document, contact USTRANSCOM J4-T (618 220-4601).

# DOD Application Documentation
# Used as References in the Data Element Matrix

**MIL-STD-129, Appendix A:** Elements used for Generic Cargo MSL, Unit Move MSL, Unit Pack and Container ID Marks, Ammunition/Explosives Label

**DTR 4500.9-R**
Part II, Appendix X: Elements used for Generic Cargo MSL, Unit Move MSL, Personal Property MSL
Part IV, Appendix R: Elements used for Personal Property MSL

**MIL-STD-130, Table VI:** Elements used for Item Unique ID (IUID) Marking

**DD Form 1348-1A:** See DLM 4000.25-1 (MILSTRIP), Appendix 1.35

**Aviation Maintenance:** Contact Memory Button (CMB). Data elements identified from committee draft document that combined the Army, Navy, Marine, and Air Force requirements.

**STANAG 2495 – Data Formats for Asset Tracking:** Portions of this document are now published as Allied Automatic Identification Technology Publication-03 (AAIPT-03). USTRANSCOM edits NATO AAIPT-03 for the NATO U.S. delegation. The U.S. has ratified STANAG 2495 without implementation based upon the inability of the U.S. to adopt the Serial Shipping Container Code (SSCC) as the key data element of the shipping label.

**RFTAV Tag:** The RFTAV tag format is intended to incorporate MH10.8.2 semantic elements into the data rich active tag format to replace the TCMD MILS (80-column) transaction information. The full complement of DIs for the active RFID tag RFTAV format remain to be formally identified for use – this matrix matches the current RFTAV draft. The draft document was in work by the USTRANSCOM J4-T (618 220-4601) and was suspended for development by the aRFID tag migration work group, June 2014. The aRFID tag enterprise is considering use of the X12 EDI or XML transactions to replace the TCMD MILS formats for the aRFID.

**JOCG Ammo Label revision (MIL-STD-129):** The Joint Data Library (JDL) data qualifier list was approved for use by the JOCG and Services. It has been incorporated into MIL-STD-129 as the ammo label.

**OIS 1348-1A:** Data elements identified by the Navy as necessary for encoding a complete, expanded, ordnance specific OIS 1348-1A as generated by the Navy's Ordnance Information System (OIS) in a machine-readable form.

# DIs (Related DEIs are listed)
# (Sorted by DI category)

| DI<br>Ends in alpha | DEI<br>Two chars | DOD Usage<br>Note: DEIs will not be used for new applications | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|
| B | | **Container Type Code** | an1 | | | | | | | B | |
| 1B | | **Container ID# (non-ISO)** | see reference | 1B | | | | | 1B | 1B | |
| 7B | | **Container ID# (includes ISO)** | an11 | | | | | | | 7B | |
| 10B | 51 | **SEAVAN Ownership Code** | an4 | 51 | 51 | | | | 51 | | |
| 11B | 60 | **Van Number (complete)** – complete serial number minus check digit (does not include the ISO Owner Code and Van Type code) | see reference | 60 | 60 | | | | 60 | | |
| 13B | 24 | **Container Number Code** – last 5 digits of van or other container number (includes the check digit) | an5 | 24 | 24 | | | | 24 | | |
| 3D | | **Ship Date** – format YDDD | n4 | 3D | 3D | | | | 3D | | |
| 6D | | **Acceptance Date** – format YYYYMMDD followed by ANSI X12 element 374 code for acceptance date (Army) | n8+n3 | | | | | 6D | | | |
| 6D | | **Date Shipped** – format YYYYMMDD followed by ANSI X12 element 374 code for ship date (~~AF CAMS~~) | n8+n3 | | | | | | | | 6D |

| DI<br>Ends in alpha | DEI<br>Two chars | DOD Usage<br>**Note: DEIs will not be used for new applications** | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 6D | | **Date Issued –** format YYYYMMDD followed by ANSI X12 element 374 code for Processed Date/Time (009) | n8+009 | | | | | | | | 6D |
| 6D | | **Date Received –** format YYYYMMDD followed by ANS X12 element 374 code for received on this date (044) | n8+044 | | | | | | | | 6D |
| 6D | | **Document Preparation Date –** format YYYYMMDD followed only by the ANSI X12 element 374 code for Transaction Created Date (097) | n8+097 | | | | | | | | 6D |
| 7D | | **Classification Change Date** – e.g., last inspection, next inspection, shelf life, expiration date, etc.<br>Format MMYY | n4<br>not used | | | | | | | | |
| 12D | | **Completion Date** – non-standard format used only for contact memory button. (Navy/USMC/~~AF~~ /Army) | an11 | | | | | 12D | | | |
| 12D | | **Date Performed** – non-standard format used only for contact memory button (Navy/USMC) | an11 | | | | | 12D | | | |
| 12D | | **Installation Date** – non-standard format used only for contact memory button (Navy/USMC/~~AF~~/Army) | an11 | | | | | 12D | | | |
| 14D | | **Expiration date** (YYYYMMDD) | n8 | 14D | | | | | 14D | | |
| 20D | J8 | **QA Certification Date** – format DDMMMYYY | an9 | 20D | | | | | 20D | | |

| DI<br>Ends in alpha | DEI<br>Two chars | DOD Usage<br>**Note: DEIs will not be used for new applications** | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 21D | 32 | **Required Delivery Date (RDD)** – may reflect RDD in DDD format or special codes, e.g., expedited shipment and handling code (Code 999), Not Mission Capable Supply (NMCS), (Code N___), etc. | an..3 | 32 | 32 | | 32 | | 32 | 21D | |
| 22D | G0 | **REC_DTStamp** – Record Date Time Stamp (Army) | n12 | | | | | G0 | | | |
| 10E | D8 | **C_TTI –** Cumulative Time Temperature Index (Army) | n..8 | | | | | D8 | | | |
| 11E | C8 | **NHA_TTI** – Next Higher Assembly Time/Temp Index (Army) | n..8 | | | | | C8 | | | |
| 1E | I3 | **PRESS_ALT –** Pressure Altitude (Army) | n..6 | | | | | I3 | | | |
| F | | **Looping header** – See section VI of MH10.8.2 | an6..7 | | | | | | | F | |
| H | | **Mark-For Party DODAAC** – Reflects DODAAC in DD Form 1348-1A MARK FOR (Block 4)<br>DI (H) is followed by the (mark-for DODAAC) followed by a (+) character followed by the EDIFACT Code List 3035 code value (UC).<br>The mark-for DODAAC may be used alone or in combination with a text element. In either case, the DODAAC is separately encoded. Only one mark-for DODAAC may be used. | an6+UC<br>The (+UC) is encoded data | | | | H | | | | |

| DI<br><br>Ends in alpha | DEI<br><br>Two chars | DOD Usage<br><br>**Note: DEIs will not be used for new applications** | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|
| H | | **Mark-For Party RIC** – Reflects RIC in DD Form 1348-1A MARK FOR (Block 4 )<br>DI (H) is followed by the (mark-for RIC) followed by a (+) character followed by the EDIFACT Code List 3035 code value (UD).<br>The mark-for RIC may be used alone or in combination with a text element. In either case, the RIC is separately encoded. Only one mark-for RIC may be used. | an3+UD<br>The (+UD) is encoded data | | | | H | | | | |
| H | | **Mark-For Party Text** – Reflects text other than DODAAC or RIC in DD Form 1348-1A MARK FOR (Block 4)<br>DI (H) is followed by the (mark-for text) followed by a (+) character followed by the EDIFACT Code List 3035 code value (HK).<br>The mark-for text may be used alone or in combination with a DODAAC or RIC element. In either case, the text is separately encoded without the DODAAC or RIC. All 24 mark-for text positions are available if a mark-for DODAAC or a mark-for RIC is not encoded. If a mark-for DODAAC is encoded separately, 17 positions are available for the clear text. If a mark-for RIC is encoded separately, 20 positions are available for the clear text. When the mark-for text is printed in combination with a DODAAC or RIC, do not encode the slash (/). | an1..24+HK<br>The (+HK) is encoded data | | | | H | | | | |

| DI<br>Ends in alpha | DEI<br>Two chars | DOD Usage<br>**Note: DEIs will not be used for new applications** | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1H | | **QA Stamp** – employee identification number | an9..10 | 1H | | | | | 1H | | |
| 5H | B4 | **Authorized By (last name)** (Navy/USMC) | an..25 | | | | | B4 | | | |
| 10H | G1 | **PID** – Personal Identification Code (Army) | an6 | | | | | G1 | | | |
| 11H | 46 | **Owner's First and Middle Initials** | an..2 | | 46 | | | | 46 | | |
| 12H | 47 | **Owner's Grade** | an2 | | 47 | | | | 47 | 12H | |
| I | | **Vehicle Identification Number (VIN)** | an17 | I | I | I | | | I | | |
| J<br>K<br>U<br>S<br>M | | **Transportation Control Number (TCN)**<br>The DI is "J", which must be followed by the agency designator "KUSM" (see ISO/IEC 15459-1) that assigned the unique TCN. | an17 | J | J | | | | J | J | J |
| 6<br>J<br>K<br>U<br>S<br>M | | **Transportation Tracking Number (TTN)**<br>The DI is "6J", which must be followed by the agency designator "KUSM" (see ISO/IEC 15459-1) that assigned the unique TTN. | n17 | 6J | 6J | | | | | 6J | |
| 7J | 74 | **Privately Owned Vehicle (POV) License Number** | an..8 | | 74 | | | | 74 | | |
| 2K | | **Bill of Lading** – Number | an..12 | | 2K | | | | 2K | 2K | 2K |
| 4K | | **Contract Line Item Number (CLIN)** | an6 | 4K | | | | | 4K | | |
| 5K | | **Contractor Shipment Number** | an7 | 5K | | | | | 5K | | |
| 8K | | **Contract Number** | an..21 | 8K | | | | | 8K | 8K | |

| DI<br>Ends in alpha | DEI<br>Two chars | DOD Usage<br>**Note: DEIs will not be used for new applications** | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 9K | | **Transportation Account Code (TAC)** | an4 | 9K | 9K | | | | 9K | | |
| 12K | | **Personal Property Standard Carrier Alpha Code (SCAC)** – for HHG and baggage ITGBL carrier | an4 | | 12K | | | | 12K | 12K | |
| 17K | 61 | **Check Digit** – of the van number | n1 | 61 | 61 | | | | 61 | | |
| 19K | 67 | **FMS Case Number** – foreign military sales case number | an3 | 67 | 67 | | | | 67 | 19K | |
| L | | **Facility/Building – storage location** | an2..14 | L | | | | | L | | L |
| 2L | | **Ship To Address** – up to 5 lines of 35 characters<br>Note: The + symbol is part of the data and separates the data elements. | an..35+<br>an..35+<br>an..35+<br>an..35+<br>an..35+ | 2L | 2L | | | | 2L | 2L | |
| 3L | | **From Address** – up to 3 lines of 35 characters<br>Note: The + symbol is part of the data and separates the data elements. | an..35+<br>an..35+<br>an..35+ | 3L | 3L | | | | 3L | 3L | |
| 5L | | **Consignee Address** – up to 5 lines of 35 characters<br>Note: The + symbol is part of the data and separates the data elements. | an..35+<br>an..35+<br>an..35+<br>an..35+<br>an..35+ | 5L | 5L | | | | 5L | | |
| 7L | | **DOD Address Activity Code (DODAAC)** | an6 | | | 7L | | | 7L | | |
| 8L | 25 | **Port of Embarkation (POE) Code** | an3 | 25 | 25 | | | | 25 | 8L | |
| 9L | 26 | **Port of Debarkation (POD) Code** | an3 | 26 | 26 | | | | 26 | 9L | |

| DI<br>Ends in alpha | DEI<br>Two chars | DOD Usage<br>**Note: DEIs will not be used for new applications** | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 20L | | **Location/Grid** – for ammo bar code only | an2..14 | 20L | | | | | | | |
| 20L | | **Origin ID Code** (RFTAV) – for active tag only | an..9 | | | | | | | 20L | |
| 21L | | **Destination ID Code**<br>Use with 33Y | an..9 | | | | | | | 21L | |
| 51L | | **Origin Zip Code** – for SEAVAN point of origin | an5 | 51L | 51L | | | | 51L | | |
| 10M | | Army Form 2410 data. | not used | | | | | | | | |
| 11M | | Army Form 2408 data. | not used | | | | | | | | |
| 12M | | Army Form 2407 data. | not used | | | | | | | | |
| 13M | | AF Form 95 data.<br>Note: Form does not exist. | not used | | | | | | | | |
| 14M | | Navy Form 4790 data. | not used | | | | | | | | |
| N | | **National/NATO Stock Number (NSN)** – or stock identification elements thereof (Army) | an..15 | N | N | | N | N | N | N | N |
| 6N | | **DOD Requisition and Issue Procedure Codes** – the MILSTRIP code followed by the data value associated with that code.<br>Note: The DOD aviation community uses DI 6N to identify MH10 Format 07 two-character data element identifiers (DEI) used by DOD followed by the data value associated with that DEI for contact memory button applications. | see reference | | | | | 6N | | | |

| DI<br>Ends in alpha | DEI<br>Two chars | DOD Usage<br>**Note: DEIs will not be used for new applications** | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7N | | **DTR Document ID Code** – (e.g. TX1) followed by data for that code. | an..80 | | | | | | | 7N | |
| 1P | | **Part Number** – assigned by manufacturer | see reference | 1P | | 1P | 1P | 1P | | 1P | |
| 5P | | **National Motor Freight Classification Commodity Number** – for carriers | n6 | | | | 5P | | 5P | | 5P |
| 6P | | Item Identifier (TAMCN, DODIC, etc)<br>See DI 4R for DODIC. | not used | | | | | | | | |
| 10P | | **Hazardous Material Code**<br>For the ammo label, enter data identifier "D" (ANSI ASC X12.3 Data Element 208) followed by DI 10P to further qualify the data as a Title 49 CFR, Section 172-101 hazardous materials identification number in the form of UNnnnn or NAnnnn.<br>For the legacy ammo label, the UN ID code marking is entered as a "U" followed by the 4 digit ID number. For other HAZMAT codes see ANSI X12.3 208/209 elements as applicable.<br>See Format 07 DEI 41/42 for TCMD UN code or North American Code Applications<br>See Format 07 DEI 49 for TCMD Air Commodity/Special Handling Code | an1+an..4 | 10P | | | | | 10P | | 10P |
| 20P | | **Line Item Number (LIN)** | an..6 | | | | | | | 20P | |

| DI<br>Ends in alpha | DEI<br>Two chars | DOD Usage<br>**Note: DEIs will not be used for new applications** | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 30P | | **Current Part Number** – not part of UII | see reference | | | 30P | | 30P | 30P | | |
| 41P | | **Uniform Freight Classification Commodity Number** – for rail<br>Not approved for use by MH10.8.2 | see reference | | | | | | | | 41P |
| 49P | | **Export Controlled Item**<br>Subject to export control and or restrictions as identified in the Wassenaar Arrangement.<br>DI followed by the Alpha-2 ISO 3166 Country Code of the country that imposed the restriction followed by Wassenaar Code (http://www.wassenaar.org/controllists/index.html) | see reference | | | 49P | | | 49P | | |
| 2Q | | **Weight** (Default = lbs) | an..9 | 2Q | | | | | 2Q | | |
| 2Q | | **Weight (Piece)** – with optional metric unit of value for generic cargo (Default = lbs)<br>Note: Used for Weight (piece) in a shipment | an..5 +../an2 | | 2Q | | | | 2Q | 2Q | 2Q |
| 3Q | | **Weight Units –** as defined by the two character ANSI X12.3 Data element Number 355 Unit or Basis for Measurement | | 3Q | | | | | | | |
| 4Q | | **Weight (Gross)** – for entire shipment or manifest | an..6 | | | | | | | 4Q | |

| DI<br>Ends in alpha | DEI<br>Two chars | DOD Usage<br>**Note: DEIs will not be used for new applications** | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 5Q | | **Repair Value** – For repair/return and repair/replace, include the estimated or actual unit cost. Configured as 9 digits (whole dollars), decimal, and 2 digits (cents). Do not include leading zeros. Do not suffix the value with "USD". | n..9.n2<br>Value in US dollars | | | | 5Q | | | | |
| 7Q | | **Cube** (legacy ammo label) – with the two character ANSI X12.3 Data element Number 355 Unit or Basis for Measurement | an..9+an2 | 7Q | | | | | 7Q | | |
| 7Q | | **Quantity (Unit of Measure)** – with the two character ANSI X12.3 Data element Number 355 Unit or Basis for Measurement | see reference | 7Q | | | | | 7Q | | |
| 7Q | | **Quantity (Unit of Issue (UI))** – with the two character ANSI X12.3 Data element Number 355 Unit or Basis for Measurement | see reference | 7Q | 7Q | | 7Q | | 7Q | 7Q | 7Q |
| 7Q | | **Weight** (legacy ammo label) – with the two character ANSI X12.3 Data element Number 355 Unit or Basis for Measurement | an..9+an2 | 7Q | | | | | 7Q | | |
| 11Q | | **Weight (Tare)** – with optional metric unit of value for generic cargo (Default = lbs) | an..5 +../an2 | | 11Q | | | | 11Q | | |
| 12Q | | **Unit Price –** with unit of value = USD | see reference | 12Q | 12Q | | 12Q | | 12Q | | 12Q |
| 13Q | | **Piece Number/Total Pieces** – piece n of x pieces<br>For example: "1/5" | an..4/an..4 | 13Q | 13Q | | | | 13Q | | |
| 16Q | 57 | **Number of Pieces in Van** | n4 | 57 | 57 | | | | 57 | | |

| DI<br>Ends in alpha | DEI<br>Two chars | DOD Usage<br>Note: DEIs will not be used for new applications | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 17Q | 56 | **Number of Shipment Units in Van`** | n2 | 56 | 56 | | | | 56 | | |
| 18Q | | **Cube (Gross)** – with optional metric unit of value for generic cargo (Default = cubic feet) | see reference | 18Q | | | | | 18Q | 18Q | |
| 19Q | 19 | **Width** – with optional metric unit of value for generic cargo (Default = inches) | an..4 +../an2 | 19 | 19 | | | | 19 | | |
| 20Q | 20 | **Height** – with optional metric unit of value for generic cargo (Default = inches) | an..4 +../an2 | 20 | 20 | | | | 20 | | |
| 21Q | 18 | **Length** – with optional metric unit of value for generic cargo (Default = inches) | an..6 +../an2 | 18 | 18 | | | | 18 | | |
| 22Q | 70 | **Weight (Net)** – with optional metric unit of value (Default = lbs) | an..5 +../an2 | | 70 | | | | 70 | | |
| 23Q | 59 | **Van Length** – length of SEAVAN (Default = feet) | an..2 | 59 | 59 | | | | 59 | | |
| 24Q | 58 | **Van Inside Cube –** (Default = cubic feet) | an..4 | 58 | 58 | | | | 58 | | |
| 25Q | 44 | **Net Explosive Weight (NEW)** | n..6 | 44 | 44 | | | | 44 | 25Q | 25Q |
| 27Q | | **Total Price –** with unit value = USD<br>Not approved for use by MH10.8.2 | | | | | | | | | 27Q |
| 2R | | **Condition Code** | an1 | 2R | 2R | | 2R | | 2R | 2R | 2R |
| 4R | | **DOD Identification Code (DODIC)** | an4 | 4R | 4R | | | | 4R | 4R | 4R |
| S | 36 | **BUNO / Serial Number –** Navy Bureau Number (BUNO) (Navy)<br>Serial number of the item. | see reference | | | | | S | | | |

| DI<br>Ends in alpha | DEI<br>Two chars | DOD Usage<br>**Note: DEIs will not be used for new applications** | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|
| S | 36 | **Serial Number / Package ID**<br>Also see DI "I" for vehicle VIN<br>Also see DIs 33S and "34S" for serialized numbers. | see reference | S<br>36 | 36 | S | S | | 36 | S | |
| S | 36 | **SN** (Serial Number) – (Army)<br>See DI 34S for end item serial number the component was installed/removed from. | see reference | | | | | S | | | |
| 8S | | **Serial Shipping Container Code (SSCC)** – See AI table below for STANAG requirements to read this DI. | n18 | | | | | | | 8S | |
| 9S | | **Piece Number** | n..4 | | | | | | | 9S | |
| 12S | | **Supply Documentation Number** – and Suffix code when applicable | an14..15 | 12S | 12S | | 12S | | 12S | 12S | 12S |
| 13S | | **Security Seal Number** | an8 | 13S | 13S | | | | 13S | 13S | |
| 18S | | **Unique Item Identifier (UII) not including issuing agency code (IAC)** – CAGE code followed by the serial number | not defined | | | 18S | | | 18S | | |
| 20S | | **Traceability Code/Serial Number** | an20 | 20S | | | | | 20S | | |
| 22S | | **Electronic Serial Number (ESN)** – for cellular mobile telephones | not defined | | | 22S | | | 22S | | |

| DI<br>Ends in alpha | DEI<br>Two chars | DOD Usage<br>**Note: DEIs will not be used for new applications** | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 25S | | **Unique Item Identifier (UII)** – documents as a single value the UII element of an item unique identification (IUID) mark or the DOD IUID equivalent mark as specified in see MIL-STD-130. Also see MH10.8.2, Annex C.11 for possible serial number constructs.<br>DI 25S may identify a Construct #1 or Construct #2 UII or a DOD recognized IUID equivalent. | an..50 | 25S | | 25S | 25S | | 25S | 25S | |
| 33S | 88 | Installed-on (MDS/PN/TMSM) – Mission/Design Series; Part Number; Type Model Series Modification of the component that the item is installed on. (~~AF CAMS~~) | not used | | | | | | | | |
| 33S | 87 | **NHA_SN** – Next Higher Assembly Serial Number (Army) | see reference | | | | | 87 | | | |
| 33S | 87 | **Serial Number of Next Higher Assembly** (Navy/USMC) | see reference | | | | | 87 | | | |
| 33S | 87 | Serial Number or Installed On Equipment ID – could be as high as the Bureau No (BuNo)/ SERNO / Serial Number of End Item (~~AF CAMS~~) | not used | | | | | | | | |

| DI<br>Ends in alpha | DEI<br>Two chars | DOD Usage<br>**Note: DEIs will not be used for new applications** | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 34S | G3 | **EI_SN –** End Item Serial Number (Army)<br>Used to document the serial number of the end item the component was installed/removed from.<br>See DI S for the serial number of the item/component.<br>See DI 33S for next higher assembly serial number. | an..15 | | | | | G3 | | | |
| 34S | G3 | Eqp-ID/Part Number – End Item ID or Serial No that the component was installed/removed from. (~~Air Force AFTO 95~~) | not used<br>an..15 | | | | | | | | |
| 35S | 06 | **Bumper Number** | an..8 | 06 | 06 | | | | 06 | 35S | |
| 36S | 21 | **Pallet Identifier** | an..6 | 21 | 21 | | | | 21 | 36S | |
| 42S | | Unique Item Identifier (UII) and included Serial Number – Unique Item Identifier (in DI 25S format) preceded by two digits (01-30) indicating the length of the Serial Number segment embedded as the last concatenated element of the UII. Used to associate UIIs with Serial Numbers for multiple items in a single package.<br><br>n2 + issuing agency code (IAC) + company identification code (CIN)+ serial number segment (SN) | not used<br><br>n2+an..50 | | | | | | | | |
| 50S | | **RF Tag ID (active)** | n..14 | | | | | | | 50S | |

| DI<br>Ends in alpha | DEI<br>Two chars | DOD Usage<br>**Note: DEIs will not be used for new applications** | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 96S | | **RF Tag ID (passive EPCglobal 96-bit)** | n..24 | | | | | | | 96S | |
| 1T | | **Lot / Batch Number** or **Traceability Number** – for a group of entities.<br>Also see DI 30T | see reference | 1T | 1T | 1T | 1T | | 1T | 1T | |
| 20T | | **Class of Supply** (e.g. "CLASS IX") | an..10 | | | | | | | 20T | |
| 21T | | **Construction Kit #** | an..20 | | | | | | | 21T | |
| 30T | | **Lot / Batch Number** – additional data element not used in a Unique Item Identifier (UII) (MIL-STD-130).<br>Also see DI 1T | see reference | | | 30T | | | 30T | | |
| 30T | | **Weapon Stock Number (WSN)** – A proper subset of the Lot Batch. It is used by the Air Force to designate groups of built-up weapons. | an14 | 30T | | | | | | | |
| V | K1 | **Routing Identifier Code (RIC) –** the "From" RIC for the shipper/source of supply | an3 | V | V | | V | | V | V | V |
| 3V | | **GS1 Company Prefix** – formally known as the UCC/EAN Company Prefix | n6..11 | | | 3V | | 3V | 3V | | |
| 4V | | **Ocean Carrier Code** – for SEAVANs | an4 | 4V | 4V | | | | 4V | | |
| 7V | | **Ownership Code**<br>*Note: This conflicts with the DLMS DD Form 1348-1A use of 7V.* | an1 | 7V | | | | | 7V | | |

| DI<br>Ends in alpha | DEI<br>Two chars | DOD Usage<br>**Note: DEIs will not be used for new applications** | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7V | | **Routing Identifier Code** – ICP/IMM<br>Identifies the RIC of the activity originating the MRO/LRO/DRO<br>*Note: This conflicts with the JOCG ammo label use of 7V.* | an3 | | | | 7V | | | | |
| 8V | K2 | **Distribution (Cognizance) Code** – last 2 positions of DOD Distribution Code encoded in 2D symbol for item receipt (DD Form 1348-1A rp 55-56)<br>See DEI B6 for full Distribution Code | an2 | 8V | 8V | | 8V | | 8V | | |
| 12V | | **DUNS Number** – identifying manufacturer | n9 | | | 12V | | 12V | 12V | | |
| 17V | | **CAGE (Commercial and Government Entity) Code** – the Consignor CAGE code for a military shipping label (MSL) or the CAGE code for a container ID mark of the company awarded the contract for the item being shipped | an5 | 17V | 17V | 17V | 17V | 17V | 17V | 17V | |
| 18V | | **Identification of a party to a transaction** – in which the data format consists for two concatenated segments. The first segment is the unique code assigned to an issuing agency by NEN in accordance with ISO/IEC 15459; the second segment is a unique entity identification assigned in accordance with rules established by the issuing agency. | not defined | | | 18V | | | 18V | | |
| W | G2 | JCN – Job Control Number (~~Air Force AFTO 95~~) | not used an..9 | | | | | | | | |

| DI<br>Ends in alpha | DEI<br>Two chars | DOD Usage<br>**Note: DEIs will not be used for new applications** | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 6W | 38 | **Nomenclature** | see reference | 6W 38 | 38 | | 38 | 38 | 38 | 6W | 6W |
| 10W | M0 | **CNTRLNUM** – Control Number (Army) | n..8 | | | | | M0 | | | |
| 11W | B1 | **Entered By (last name)** (Navy/USMC/~~AF~~) | an..25 | | | | | B1 | | | |
| 12W | E8 | **Phone –** Telephone Number (Army) | an..12 | | | | | E8 | | | |
| | | Y codes: The following Y codes are defined only for internal applications that do not leave a closed system environment (i.e. DOD and its trading partners). | | | | | | | | | |
| 1Y | 01 | **Consignee Type Code**<br>Use with 2Y | an1 | | | | | | | 1Y | |
| 2Y | 02 | **Consignee Code**<br>Use with 1Y | an..6 | | | | | | | 2Y | |
| 3Y | 03 | **Project Code** | an3 | 03 | 03 | | 03 | | 03 | 3Y | 3Y |
| 4Y | 04 | **Unit Line Number (ULN)** – for unit move | an7 | 04 | 04 | | | | 04 | 4Y | |
| 5Y | 05 | **Unit Identification Code (UIC)** | an6 | 05 | 05 | | | 05 | 05 | 5Y | |
| 7Y | | **RF Tag Content and Version Number** | an1 | | | | | | | 7Y | |
| 8Y | 08 | **Unit Name** – for Ship To location<br>See Format 06 DI 2L or 5L for address text | an..20 | | | | | | | 8Y | |
| 9Y | 09 | **Asset/Equipment Description** | see reference | 09 | 09 | | | | 09 | 9Y | |

| DI<br>Ends in alpha | DEI<br>Two chars | DOD Usage<br>**Note: DEIs will not be used for new applications** | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 10Y | 10 | **Model Identifier** – for equipment for vehicle identifier | an..10 | 10 | 10 | | | | 10 | 10Y | |
| 11Y | | **Consignor Code**<br>Use with 22Y | an..6 | | | | | | | 11Y | |
| 12Y | 12 | **Cube (Piece)** – with optional metric unit of value for generic cargo (Default = cubic feet) | an..4<br>+../an2 | 12 | 12 | | | | 12 | 12Y | |
| 15Y | 15 | **Water Commodity/Special Handling Codes** | an5 | 15 | 15 | | | | 15 | 15Y | |
| 16Y | | **Cargo Type (HAZMAT) Code** | an1 | | | | | | | 16Y | 16Y |
| 22Y | 22 | **Consignor Type Code**<br>Use with 11Y | an1 | | | | | | | 22Y | |
| 27Y | 27 | **Consignee (Receive) DOD Activity Address Code (DODAAC)**<br>Also see DIs 2Y, 1Y, and 7L | an6 | 27 | 27 | | 27 | | 27 | | 27Y |
| 28Y | 28 | **Transportation Priority Code** | n1 | 28 | 28 | | | | 28<br>28Y | | |
| 29Y | 29 | **Consignor (Shipping) DOD Activity Address Code (DODAAC)**<br>Also see DIs 11Y, 22Y, and 7L | an6 | 29 | 29 | | | | 29 | | 29Y |
| 33Y | | **Destination ID Type Code**<br>Use with 21L | an1 | | | | | | | 33Y | |
| 35Y | 35 | **Free Text** – Note/Remark | an..60 | 35 | 35 | | | | 35 | 35Y | 35Y |

| DI<br>Ends in alpha | DEI<br>Two chars | DOD Usage<br>**Note: DEIs will not be used for new applications** | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 37Y | J7 | **QA Defect Code** – Ammunition **– c**onsists of 3 sets of 2 characters which together identify the type of defect/severity related to the item) | an6 | 37Y | | | | | 37Y | | |
| 39Y | 39 | **Number of Rounds** – of ammunition | n..6 | 39 | 39 | | | | 39 | 39Y | |
| 40Y | 40 | **United Nations (UN) Class/Division Code** | an2 | 40 | 40 | | | | 40 | 40Y | |
| 45Y | 45 | **Owner's Last Name** | an..13 | | 45 | | | | 45 | 45Y | |
| 49Y | 49 | **Air Commodity/Special Handling Codes** | an2 | 49 | 49 | | | | 49 | 49Y | |
| 65Y | 65 | **Ultimate Consignee / Mark for DODAAC**<br>See 07 DEI 27 | an6 | | | | | | | | 65Y |
| 80Y | | **Shelf Life Code** | an1 | | | | | | | | 80Y |
| 84Y | 84 | **Deadline Date –** (shelf life or deadline date of a scheduled maintenance) – (Navy/USMC) | an11 | | | | | 84 | | | |
| 84Y | 84 | Due Date (~~AF CAMS~~) | not used<br>an..11 | | | | | | | | |
| 84Y | 84 | **Expire Date** | an..11 | | | | | | | 84Y | |
| 86Y | J9 | **Purpose Code/Accountability Classification Code** – Ammunition<br>First character will be a P or A. P will indicate purpose code, A will indicate ACC | an1+/an1 | 86Y | | | | | 86Y | | |
| 91Y | | **Origin ID Type Code** | an1 | | | | | | | 91Y | |

| DI<br>Ends in alpha | DEI<br>Two chars | DOD Usage<br>**Note: DEIs will not be used for new applications** | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 129Y | B9 | **Controlled Inventory Item Code (CIIC)** – extracted from DOD Consolidated Ammunition Catalog and DA Pam 708-2.<br>Identifies the security classification, security risk, or pilferage controls required for storing and transporting DOD Assets. | an1 | | | | | | | | 129Y |
| 999Y22 | | **Received By – Navy OIS 1348-1A Block 22** Signature/Call Sign/Code | an9..10 | | | | | | | | 999Y22 |
| 999Y30 | | **Packed By – Navy OIS 1348-1A Block 30a** Signature/Call Sign/Code | an9..10 | | | | | | | | 999Y30 |
| 999Y32 | | **Inspected By – Navy OIS 1348-1A Block 32** Signature/Call Sign/Code | an9..10 | | | | | | | | 999Y32 |
| 999Y34 | | **Warehoused By – Navy OIS 1348-1A Block 34** Signature/Call Sign/Code | an9..10 | | | | | | | | 999Y34 |
| 10Z + 11Z | | **User Defined Title and Value** | see reference | | | | | | | 10Z + 11Z | |

# DEIs (Related DIs Are Listed)
# (Sorted by DEI number)

| DEI<br>Two chars | DI<br>Ends in alpha | DOD Usage<br>Note: DEIs will not be used for new applications | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 00 | | May conflict with "OO" | not used | | | | | | | | |
| 01 | 1Y | **Consignee Type Code**<br>Use with 2Y | an1 | | | | | | | 1Y | |
| 02 | 2Y | **Consignee Code**<br>Use with 1Y | an..6 | | | | | | | 2Y | |
| 03 | 3Y | **Project Code** | an3 | 03 | 03 | | 03 | | 03 | 3Y | 3Y |
| 04 | 4Y | **Unit Line Number (ULN)** – for unit move | an7 | 04 | 04 | | | | 04 | 4Y | |
| 05 | 5Y | **Unit Identification Code (UIC)** | an6 | 05 | 05 | | | 05 | 05 | 5Y | |
| 06 | 35S | **Bumper Number** | an..8 | 06 | 06 | | | | 06 | 35S | |
| 07 | | Shipment Number | not used | | | | | | | | |
| 08 | 8Y | **Unit Name** – for Ship To location<br>See Format 06 DI 2L or 5L for address text | an..20 | | | | | | | 8Y | |
| 09 | 9Y | **Asset/Equipment Description** | see reference | 09 | 09 | | | | 09 | 9Y | |
| 10 | 10Y | **Model Identifier** – for equipment for vehicle identifier | an..10 | 10 | 10 | | | | 10 | 10Y | |
| 11 | | Home Station – for unit move | not used | | | | | | | | |

| DEI<br>Two chars | DI<br>Ends in alpha | DOD Usage<br>**Note: DEIs will not be used for new applications** | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 12 | 12Y | **Cube (Piece)** – with optional metric unit of value for generic cargo (Default = cubic feet) | an..4 +../an2 | 12 | 12 | | | | 12 | 12Y | |
| 13 | | Item Weight – for each item | not used | | | | | | | | |
| 14 | | Actual Load Weight – for complete load<br>See DI 4Q for Weight (gross) | not used | | | | | | | | |
| 15 | 15Y | **Water Commodity/Special Handling Codes** | an5 | 15 | 15 | | | | 15 | 15Y | |
| 16 | | JCS Cargo Category Code for Unit Move | not used | | | | | | | | |
| 17 | | UTC – Unit Type Code for unit move | not used | | | | | | | | |
| 18 | 21Q | **Length** – with optional metric unit of value for generic cargo (Default = inches) | an..6 +../an2 | 18 | 18 | | | | 18 | | |
| 19 | 19Q | **Width** – with optional metric unit of value for generic cargo (Default = inches) | an..4 +../an2 | 19 | 19 | | | | 19 | | |
| 20 | 20Q | **Height** – with optional metric unit of value for generic cargo (Default = inches) | an..4 +../an2 | 20 | 20 | | | | 20 | | |
| 21 | 36S | **Pallet Identifier** | an..6 | 21 | 21 | | | | 21 | 36S | |
| 22 | 22Y | **Consignor Type Code**<br>Use with 11Y | an1 | | | | | | | 22Y | |
| 23 | | **Air Dimension Code** | an1 | 23 | 23 | | | | 23 | | |
| 24 | 13B | **Container Number Code** – last 5 digits of van or other container number (includes the check digit) | an5 | 24 | 24 | | | | 24 | | |

| DEI<br>Two chars | DI<br>Ends in alpha | DOD Usage<br>Note: DEIs will not be used for new applications | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 25 | 8L | **Port of Embarkation (POE) Code** | an3 | 25 | 25 | | | | 25 | 8L | |
| 26 | 9L | **Port of Debarkation (POD) Code** | an3 | 26 | 26 | | | | 26 | 9L | |
| 27 | 27Y | **Consignee (Receive) DOD Activity Address Code (DODAAC)**<br>Also see DIs 2Y, 1Y, and 7L | an6 | 27 | 27 | | 27 | | 27 | | 27Y |
| 28 | 28Y | **Transportation Priority Code** | n1 | 28 | 28 | | | | 28<br>28Y | | |
| 29 | 29Y | **Consignor (Shipping) DOD Activity Address Code (DODAAC)**<br>Also see DIs 11Y, 22Y, and 7L | an6 | 29 | 29 | | | | 29 | | 29Y |
| 30 | | **Mode/Method Code** – of shipment | an1 | 30 | 30 | | | | 30 | | |
| 31 | | Required Port Delivery Date (RPDD)<br>Legacy element no longer used by DOD | n3 | | | | | | 31 | | |
| 32 | 21D | **Required Delivery Date (RDD)** – may reflect RDD in DDD format or special codes, e.g., expedited shipment and handling code (Code 999), Not Mission Capable Supply (NMCS), (Code N___), etc. | an..3 | 32 | 32 | | 32 | | 32 | 21D | |
| 33 | | Special Priority | not used | | | | | | | | |
| 34 | | **TCMD/Manifest Doc ID Code** – Document Identifier Code (DIC) for a Transportation Control Movement Document | an3 | 34 | 34 | | | | 34 | | |
| 35 | 35Y | **Free Text** – Note/Remark | an..60 | 35 | 35 | | | | 35 | 35Y | 35Y |

| DEI<br>Two chars | DI<br>Ends in alpha | DOD Usage<br>Note: DEIs will not be used for new applications | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 36 | S | **BUNO / Serial Number –** Navy Bureau Number (BUNO) (Navy)<br>Serial number of the item. | see reference | | | | | S | | | |
| 36 | S | **Serial Number / Package ID**<br>Also see DI "I" for vehicle VIN<br>Also see DIs 33S and "34S" for serialized numbers. | see reference | S<br>36 | 36 | S | S | | 36 | S | |
| 36 | S | **SN** (Serial Number) – (Army)<br>See DI 34S for end item serial number the component was installed/removed from. | see reference | | | | | S | | | |
| 37 | | Vehicle Model Number<br>See 07 DEI 10 | not used | | | | | | | | |
| 38 | 6W | **Nomenclature** | see reference | 6W<br>38 | 38 | | 38 | 38 | 38 | 6W | 6W |
| 39 | 39Y | **Number of Rounds** – of ammunition | n..6 | 39 | 39 | | | | 39 | 39Y | |
| 40 | 40Y | **United Nations (UN) Class/Division Code** | an2 | 40 | 40 | | | | 40 | 40Y | |
| 41 | | **UN/NA Indicator** – designates United Nations (UN) or North American (NA) Source for the UN/NA Number in DEI 42 | an2 | 41 | 41 | | | | 41 | | |
| 42 | | **UN/NA ID Number** – designates United Nations (UN) or North American (NA) hazardous code.<br>Use in conjunction with DEI 41. | an4 | 42 | 42 | | | | 42 | | |

| DEI<br>Two chars | DI<br>Ends in alpha | DOD Usage<br>**Note: DEIs will not be used for new applications** | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 43 | | **Compatibility Group Code** – as identified in 49 CFR (Code of Federal Regulations) | an1 | 43 | 43 | | | | 43 | | |
| 44 | 25Q | **Net Explosive Weight (NEW)** | n..6 | 44 | 44 | | | | 44 | 25Q | 25Q |
| 45 | 45Y | **Owner's Last Name** | an..13 | | 45 | | | | 45 | 45Y | |
| 46 | 11H | **Owner's First and Middle Initials** | an..2 | | 46 | | | | 46 | | |
| 47 | 12H | **Owner's Grade** | an2 | | 47 | | | | 47 | 12H | |
| 48 | | **Type Service** – text description of transportation method | an..10 | 48 | 48 | | | | 48 | | |
| 49 | 49Y | **Air Commodity/Special Handling Codes** | an2 | 49 | 49 | | | | 49 | 49Y | |
| 50 | | **Type Pack Code** – from DTR code list | an2 | 50 | 50 | | | | 50 | | |
| 51 | 10B | **SEAVAN Ownership Code** | an4 | 51 | 51 | | | | 51 | | |
| 52 | | **EIMODEL** – End Item Model (Army – The Army Maintenance Management System – Aviation (TAMMS-A)) | see reference | | | | | 52 | | | |
| 52 | | MDS / TMSM – Mission/Design Series; Type Model Series Modification – only end-item designators such as engine, aircraft (~~AF CAMS~~) | not used | | | | | | | | |
| 52 | | **T/M/S** – Type/Model/Series (Navy/USMC) | see reference | | | | | 52 | | | |

| DEI<br>Two chars | DI<br>Ends in alpha | DOD Usage<br>**Note: DEIs will not be used for new applications** | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 53 | | **WUC** – Work Unit Code –3, 5, 7, or 32 position code that identifies system, subsystem, assembly, component, etc. on which maintenance is performed (Navy/USMC/Army) | see reference | | | | | 53 | | | |
| 53 | | WUC/LCN – Work Unit Code/Logical Configuration Number (~~AF CAMS~~) | not used | | | | | | | | |
| 54 | | Component Position (~~AF CAMS~~) | not used | | | | | | | | |
| 54 | | **Position** (Army) | see reference | | | | | 54 | | | |
| 54 | | **Position Code** – a code that identifies the installed position of an item when a configuration includes multiple like items – (Navy/USMC) | see reference | | | | | 54 | | | |
| 55 | | **Consignee Distribution (CDIST) Code** – for number of consignees | an1 | 55 | 55 | | | | 55 | | |
| 56 | 17Q | **Number of Shipment Units in Van`** | n2 | 56 | 56 | | | | 56 | | |
| 57 | 16Q | **Number of Pieces in Van** | n4 | 57 | 57 | | | | 57 | | |
| 58 | 24Q | **Van Inside Cube –** (Default = cubic feet) | an..4 | 58 | 58 | | | | 58 | | |
| 59 | 23Q | **Van Length** – length of SEAVAN (Default = feet) | an..2 | 59 | 59 | | | | 59 | | |
| 60 | 11B | **Van Number (complete)** – complete serial number minus check digit (does not include the ISO Owner Code and Van Type code) | see reference | 60 | 60 | | | | 60 | | |
| 61 | 17K | **Check Digit** – of the van number | n1 | 61 | 61 | | | | 61 | | |

| DEI<br>Two chars | DI<br>Ends in alpha | DOD Usage<br>Note: DEIs will not be used for new applications | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 62 | | **Temperature Range** | an..5 | 62 | 62 | | | | 62 | | |
| 63 | | **Stopoff Number and Consignee DODAAC** | n..2+an..6 | 63 | 63 | | | | 63 | | |
| 64 | | Major Subordinate Element (MSE) | not used | | | | | | | | |
| 65 | 65Y | **Ultimate Consignee / Mark for DODAAC**<br>See 07 DEI 27 | an6 | | | | | | | | 65Y |
| 66 | | FMS Country Code | not used | | | | | | | | |
| 67 | 19K | **FMS Case Number** – foreign military sales case number | an3 | 67 | 67 | | | | 67 | 19K | |
| 68 | | FMS Charges | not used | | | | | | | | |
| 69 | | **Personal Property Code** – for household goods and baggage | an1 | | 69 | | | | 69 | | |
| 70 | 22Q | **Weight (Net)** – with optional metric unit of value (Default = lbs) | an..5<br>+../an2 | | 70 | | | | 70 | | |
| 71 | | **Privately Owned Vehicle (POV) Model Year** | n2 | | 71 | | | | 71 | | |
| 72 | | **Privately Owned Vehicle (POV) Make** | a4 | | 72 | | | | 72 | | |
| 73 | | **Privately Owned Vehicle (POV) State of Registration** | a2 | | 73 | | | | 73 | | |
| 74 | 7J | **Privately Owned Vehicle (POV) License Number** | an..8 | | 74 | | | | 74 | | |
| 75 | | **Privately Owned Vehicle (POV) Color** | a3 | | 75 | | | | 75 | | |

| DEI<br>Two chars | DI<br>Ends in alpha | DOD Usage<br>**Note: DEIs will not be used for new applications** | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 76 | | **Stopoff Consolidation Code** – stopoff number for shipment delivery | an1 | 76 | 76 | | | | 76 | | |
| 77 | | **DA Form 2410** – Army DA Form 2410 tracked item indicator (Army) | see reference | | | | | 77 | | | |
| 77 | | **Inventory Class –** one of six classes (aircraft, assemblies, system, tracked parts, untracked parts, and Bill Of Material (BOM) – (Navy/USMC) | see reference | | | | | 77 | | | |
| 77 | | REMIS Tracked or Non-REMIS Tracked – "0" or "1" respectively (~~AF Reliability and Maintainability Information System~~) | not used an1 | | | | | | | | |
| 78 | | AHE tracked or Non-AHE tracked – Automated History "0" or "1" respectively (~~AF CAMS~~) | not used an1 | | | | | | | | |
| 78 | | **Inventory Subclass –** a subclass code describes that an item can be attached to an inventory class (ENG, ALSS, PROP, APU) and tracked parts (ASR, MSR, SRC, EHR) (Navy/USMC) | see reference | | | | | 78 | | | |
| 79 | | **Scheduled Expenditure** – assigned life usage limit to an inventory item (Navy/USMC) | see reference | | | | | 79 | | | |
| 79 | | TBO – Time Between Overhaul (~~AF CAMS~~) | not used | | | | | | | | |
| 79 | | **TBO/MAOT** – Time Between Overhaul/Maximum Allowable Operating Time (Army) | see reference | | | | | 79 | | | |
| 80 | | Due Time (~~AF CAMS~~) | not used | | | | | | | | |

| DEI<br>Two chars | DI<br>Ends in alpha | DOD Usage<br>**Note: DEIs will not be used for new applications** | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 80 | | **Usage Remaining Quantity** – the amount of usage remaining on an inventory item prior to its removal (Navy/USMC) | see reference | | | | | 80 | | | |
| 81 | | **Supplementary Address** | an6 | | | | 81 | | 81 | | |
| 82 | | **TSN** – Time Since New – referenced in time (Total Current Usage logged against an item since manufacture date). (Navy/USMC/~~AF~~/Army) | see reference | | | | | 82 | | | |
| 83 | | **TSO** – Time Since Overhaul – referenced in time (Usage logged against an item since last Overhaul) (Navy/USMC/~~AF~~/Army) | see reference | | | | | 83 | | | |
| 84 | 84Y | **Deadline Date –** (shelf life or deadline date of a scheduled maintenance) – (Navy/USMC) | an11 | | | | | 84 | | | |
| 84 | 84Y | Due Date (~~AF CAMS~~) | not used an..11 | | | | | | | | |
| 84 | 84Y | **Expire Date** | an..11 | | | | | | | 84Y | |
| 85 | | Days Remaining (~~AF CAMS~~) | not used | | | | | | | | |
| 85 | | **Usage Until Deadline –** shelf life or time remaining including extension time (Navy/USMC) | see reference | | | | | 85 | | | |
| 86 | | Not Used | not used | | | | | | | | |
| 87 | 33S | **NHA_SN** – Next Higher Assembly Serial Number (Army) | see reference | | | | | 87 | | | |

| DEI<br>Two chars | DI<br>Ends in alpha | DOD Usage<br>**Note: DEIs will not be used for new applications** | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 87 | 33S | **Serial Number of Next Higher Assembly** (Navy/USMC) | see reference | | | | | 87 | | | |
| 87 | 33S | Serial Number or Installed On Equipment ID – could be as high as the Bureau No (BuNo)/ SERNO / Serial Number of End Item (~~AF CAMS~~) | not used | | | | | | | | |
| 88 | 33S | Installed-on (MDS/PN/TMSM) – Mission/Design Series; Part Number; Type Model Series Modification of the component that the item is installed on. (~~AF CAMS~~) | not used | | | | | | | | |
| 88 | | **NHA_PN** – Next Higher Assembly Part Number (Army) | see reference | | | | | 88 | | | |
| 88 | | **Part Number or Type/Model/Series of next higher assembly** (Navy/USMC) | see reference | | | | | 88 | | | |
| 89 | | **Description –** pertinent miscellaneous remarks for specific inventory item (Navy/USMC) | an..255 | | | | | 89 | | | |
| 89 | | **Remarks** – for repair/rework (Army/~~AF~~)<br>Also see DEI L4 | an..255 | | | | | 89 | | | |
| 90 | | **Copies (1 and 3)** (Army) | an..8 | | | | | 90 | | | |
| 90 | | Removal/Installation – "R" or "I" only (~~AF CAMS~~) | not used<br>an..8 | | | | | | | | |

| DEI<br>Two chars | DI<br>Ends in alpha | DOD Usage<br>**Note: DEIs will not be used for new applications** | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 90 | | **Task –** identifies the key task designator of the maintenance task being created such as INSP (inspection), INST (installation), REPL (replacement), RMVL (removal), SRVC (servicing) –(Navy/USMC) | an..8 | | | | | 90 | | | |
| 91 | | Equipment /Part Number Hours – actual operating hours on end item (MDS) when installation/ removal took place; with a decimal value (~~AF CAMS~~) | not used n..8▲1 | | | | | | | | |
| 92 | | **Usage –** acronym for type of indicator (i.e. POT for Propeller Operating Time) (Navy/USMC) | an..8 | | | | | 92 | | | |
| 93 | | **Activity** – identifies the organization code and its long name (AOF- OPS Brunswick) in this context it is the organization performing the task (Navy/USMC) | an..20 | | | | | 93 | | | |
| 93 | | **Organization** (~~AF~~/Army) | an..20 | | | | | 93 | | | |
| 94 | | **MCN** – Maintenance Control Number – a system generated number assigned to each original initiated work order (Navy/USMC) | an..12 | | | | | 94 | | | |
| 94 | | **Reference Number** – (Army) | an..12 | | | | | 94 | | | |
| 95 | | **TD** – Technical Directive Code – a 2-digit code denoting the type of Technical Directive (TD) being incorporated (Navy/USMC) | an..2 | | | | | 95 | | | |

| DEI<br>Two chars | DI<br>Ends in alpha | DOD Usage<br>Note: DEIs will not be used for new applications | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 96 | | **MWO** – Modification Work Order number (Army) | an..7 | | | | | 96 | | | |
| 96 | | **Number** – (TD) Technical Directive in a 4 digit value (Navy/USMC) | an..7 | | | | | 96 | | | |
| 96 | | TCTO Data Code – Time Compliance Technical Order directive code (~~AF CAMS~~) | not used an..7 | | | | | | | | |
| 97 | | **Interim (Change/Technical Directive)** – indicated by a check mark which describes that immediate compliance is required due to safety reasons (Navy/USMC) | an1 | | | | | 97 | | | |
| 98 | | **Revision** – describes the latest revision of a specific TD (Navy/USMC) | an1 | | | | | 98 | | | |
| 99 | | **Amendment** – describes a change to a previously issued TD for additional information or further compliance instruction (Navy/USMC) | an1 | | | | | 99 | | | |
| A0 | | **Part (section of Technical Directive)** – identifies a specific portion of TD (Navy/USMC) | an..2 | | | | | A0 | | | |
| A1 | | **Kit – (Technical Directive Kit Number)** – a specific number that describes the kit needed to comply with TD (Navy/USMC) | an..2 | | | | | A1 | | | |
| A2 | | **Priority** – the Urgency of Compliance to a TD (Navy/USMC/Army) | an1 | | | | | A2 | | | |
| A2 | | TCTO Type – 1(I), 2(U), 3(R-Safety), 4(Event Type), 5(R class IVB). (~~AF CAMS~~) | not used an1 | | | | | | | | |

| DEI<br>Two chars | DI<br>Ends in alpha | DOD Usage<br>**Note: DEIs will not be used for new applications** | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|
| A3 | | Date Received (~~AF CAMS~~) | not used an..11 | | | | | | | | |
| A3 | | **Issue Date (Technical Directive approval/issue date)** (Navy/USMC) | an..11 | | | | | A3 | | | |
| A3 | | **MWO_Date –** Modification Work Order Date (Army) | an..11 | | | | | A3 | | | |
| A4 | | TCTO Identification – Time Compliance Technical Order identification (~~AF CAMS~~) | not used an..25 | | | | | | | | |
| A5 | | **MWO_Title** – Modification Work Order Title (Army) | an..255 | | | | | A5 | | | |
| A5 | | TCTO Time Since Compliance Order Narrative (~~AF CAMS~~) | not used an..255 | | | | | | | | |
| A5 | | **Title/Remarks** – Describes the defined task in plain language derived from the task originator (MRC, PMIC, or manuals) (Navy/USMC) | an..255 | | | | | A5 | | | |
| A6 | | **Maintenance Level**<br>– the maintenance level required to incorporate the TD (Navy/USMC)<br>– ~~acceptable input "O", "I", or "D"~~ (~~AF CAMS~~) | an1 | | | | | A6 | | | |
| A6 | | **Maintenance_Type** (Army) | an1 | | | | | A6 | | | |
| A7 | | **Man Hours** – total hours expended by all workers to complete the task (Navy/USMC)<br>Note: Also see L7 | an..5 | | | | | A7 | | | |

| DEI<br>Two chars | DI<br>Ends in alpha | DOD Usage<br>Note: DEIs will not be used for new applications | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|
| A7 | | **MWO_MHRS** – Modification Work Order Man Hours (Army)<br>Note: Also see L7 | an..5 | | | | | A7 | | | |
| A7 | | Time to Accomplish (~~AF CAMS~~)<br>Note: Also see L7 | not used<br>an..5 | | | | | | | | |
| A8 | | Recession Date – (~~AF CAMS~~) | not used<br>an..11 | | | | | | | | |
| A8 | | **Target Completion Date (Technical Directive)** – the specific date when a TD is removed from the active files (Navy/USMC) | an..11 | | | | | A8 | | | |
| A9 | | **Status** – describes whether a TD is applicable to a specific item, complied with, previously complied with, or does not comply with (Navy/USMC) | an..4 | | | | | A9 | | | |
| A9 | | TCTO Status Code – Time Compliance Technical Order Status code (~~AF CAMS~~) | not used<br>an..4 | | | | | | | | |
| B0 | | **Completion Date (Technical Directive)** (Navy/USMC) | an11 | | | | | B0 | | | |
| B0 | | **Date_APLD** – Date Applied (Army) | an11 | | | | | B0 | | | |
| B0 | | TCTO Status Date – Time Compliance Technical Order Status date (~~AF CAMS~~) | not used<br>an..11 | | | | | | | | |
| B1 | 11W | **Entered By (last name)** (Navy/USMC/~~AF~~) | an..25 | | | | | B1 | | | |
| B2 | | **Section/Type Number** | an4 | | | | | B2 | | | |

| DEI<br>Two chars | DI<br>Ends in alpha | DOD Usage<br>Note: DEIs will not be used for new applications | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|
| B3 | | **Reference (what required inspection)** – describes the name of the inspection document that delineates its requirements and procedures (Navy/USMC) | an..40 | | | | | B3 | | | |
| B4 | 5H | **Authorized By (last name)** (Navy/USMC) | an..25 | | | | | B4 | | | |
| B5 | | **Aircraft Flight Hours (AFH)/Engine Flight Hours (EFH) –** hours at the time of inspection on component; with a decimal value (Navy/USMC) | an..10 ▲ 1 | | | | | B5 | | | |
| B6 | | **Distribution Code** – three-position field must reflect blanks as applicable. Blanks may be located in any position. Derived from rp 54-56 of the requisition from DD 1348-1A<br>See DI 8V for Distribution Cognizance Code | an3 | | | | B6 | | B6 | | |
| B7 | | **Requisition Priority Designator (PD)** – derived from rp 60-61 of the requisition from DD 1348-1A | n2 | | | | B7 | | B7 | | |
| B8 | | **Partial Shipment Indicator** – derived from block 27 of the requisition from DD 1348-1A (item is depicted as "P" in the Clear text) | a1 | | | | B8 | | B8 | | |

| DEI<br>Two chars | DI<br>Ends in alpha | DOD Usage<br>Note: DEIs will not be used for new applications | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|
| B9 | 129Y | **Controlled Inventory Item Code (CIIC)** – extracted from DOD Consolidated Ammunition Catalog and DA Pam 708-2.<br>Identifies the security classification, security risk, or pilferage controls required for storing and transporting DOD Assets. | an1 | | | | | | | | 129Y |
| C0 | | **Date Item Rebuilt** – date item was last rebuilt (Army) | an11 | | | | | C0 | | | |
| C1 | | **TSLI** – Time Since Last Install (Army) | n..8 | | | | | C1 | | | |
| C2 | | **NOVH** – Number of Overhauls. Stores 2-position value for Retirement Components "RC" and Condition Components "CC" (Army) | an..2 | | | | | C2 | | | |
| C3 | | **ACFT_MOD** – Aircraft Model (Army) | an..10 | | | | | C3 | | | |
| C4 | | **ACFT_HRS** – Aircraft Hours (Army) | n..8 | | | | | C4 | | | |
| C5 | | **NHA_TSN** – Next Higher Assembly Time Since New (Army) | n..8 | | | | | C5 | | | |
| C6 | | **NHA_LCF1** – Next Higher Assembly Low Cycle Fatigue 1 (Army) | n..8 | | | | | C6 | | | |
| C7 | | **NHA_LCF2** – Next Higher Assembly Low Cycle Fatigue 2 (Army) | n..8 | | | | | C7 | | | |
| C8 | 11E | **NHA_TTI** – Next Higher Assembly Time/Temp Index (Army) | n..8 | | | | | C8 | | | |

| DEI<br>Two chars | DI<br>Ends in alpha | DOD Usage<br>Note: DEIs will not be used for new applications | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|
| C9 | | **NHA_OPHR** – Next Higher Assembly Operating Hours (Army) | n..8 | | | | | C9 | | | |
| D0 | | **APUSSN –** Auxiliary Power Unit Starts Since New (Army) | n..8 | | | | | D0 | | | |
| D1 | | **APUHRS** – Auxiliary Power Unit Operating Hours (Army) | n..8 | | | | | D1 | | | |
| D2 | | **APUSSO –** Auxiliary Power Unit Starts Since Overhaul (Army) | n..8 | | | | | D2 | | | |
| D3 | | **APUHRSM –** Auxiliary Power Unit Operating Hours Meter (Army) | n..8 | | | | | D3 | | | |
| D4 | | **APUSTART –** Auxiliary Power Unit Starts Meter (Army) | n..8 | | | | | D4 | | | |
| D5 | | **CLNDINGS –** Cumulative Landings (Army) | n..8 | | | | | D5 | | | |
| D6 | | **C_LCF1 –** Cumulative Low Cycle Fatigue 1 (Army) | n..8 | | | | | D6 | | | |
| D7 | | **C_LCF2 –** Cumulative Low Cycle Fatigue 2 (Army) | n..8 | | | | | D7 | | | |
| D8 | 10E | **C_TTI –** Cumulative Time Temperature Index (Army) | n..8 | | | | | D8 | | | |
| D9 | | **C_OPHR –** Cumulative Operating Hours (Army) | n..8 | | | | | D9 | | | |
| E0 | | **FCODE –** Failure Code (Army) | an3 | | | | | E0 | | | |
| E1 | | **HSF –** Hot Section Factor (Army) | n..8 | | | | | E1 | | | |

| DEI<br>Two chars | DI<br>Ends in alpha | DOD Usage<br>Note: DEIs will not be used for new applications | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|
| E2 | | **HIST_REC –** History Recorder Serial Number (Army) | an..12 | | | | | E2 | | | |
| E3 | | **IACT_CD –** Inspection and Action Codes (Army) | an1 | | | | | E3 | | | |
| E4 | | **LCF1 –** History Recorder Reading Low Cycle Fatigue (Army) | n..8 | | | | | E4 | | | |
| E5 | | **LCF2 –** History Recorder Reading Low Cycle Fatigue 2 (Army) | n..8 | | | | | E5 | | | |
| E6 | | **TTI –** History Recorder Reading Time (Army) | n..8 | | | | | E6 | | | |
| E7 | | **OP_HRS –** History Recorder Reading Operating Hours (Army) | n..8 | | | | | E7 | | | |
| E8 | 12W | **Phone –** Telephone Number (Army) | an..12 | | | | | E8 | | | |
| E9 | | **RCODE** – Reason Code (Army) | a1 | | | | | E9 | | | |
| F0 | | Not Used | not used | | | | | | | | |
| F1 | | Not Used | not used | | | | | | | | |
| F2 | | Not Used | not used | | | | | | | | |
| F3 | | Not Used | not used | | | | | | | | |
| F4 | | Not Used | not used | | | | | | | | |
| F5 | | Not Used | not used | | | | | | | | |
| F6 | | Not Used | not used | | | | | | | | |

| DEI<br>Two chars | DI<br>Ends in alpha | DOD Usage<br>**Note: DEIs will not be used for new applications** | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|
| F7 | | Not Used | not used | | | | | | | | |
| F8 | | Not Used | not used | | | | | | | | |
| F9 | | Not Used | not used | | | | | | | | |
| G0 | 22D | **REC_DTStamp** – Record Date Time Stamp (Army) | n12 | | | | | G0 | | | |
| G1 | 10H | **PID** – Personal Identification Code (Army) | an6 | | | | | G1 | | | |
| G2 | W | JCN – Job Control Number (~~Air Force AFTO 95~~) | not used<br>an..9 | | | | | | | | |
| G3 | 34S | **EI_SN –** End Item Serial Number (Army)<br>Used to document the serial number of the end item the component was installed/removed from.<br>See DI S for the serial number of the item/component.<br>See DI 33S for next higher assembly serial number. | an..15 | | | | | G3 | | | |
| G3 | 34S | Eqp-ID/Part Number – End Item ID or Serial No that the component was installed/removed from. (~~Air Force AFTO 95~~) | not used<br>an..15 | | | | | | | | |
| G4 | | **OPHR** – History Recorder Operating Hours at Install (Army) | n..8 | | | | | G4 | | | |
| G5 | | **Reference Authority** – (Navy NALCOMIS) | an..255 | | | | | G5 | | | |

| DEI<br>Two chars | DI<br>Ends in alpha | DOD Usage<br>Note: DEIs will not be used for new applications | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|
| G6 | | **Reference/Authorization/Activity** – (Navy NALCOMIS) | an..255 | | | | | G6 | | | |
| G7 | | **FREQ_HRS –** Oil Change Frequency in Hours (Army) | n..20 | | | | | G7 | | | |
| G8 | | **FREQ_DAYS –** Oil Change Frequency in Days (Army) | n..8 | | | | | G8 | | | |
| G9 | | **AcHrsAtLastOilChange –** Actual Hours at Last Oil Change (Army) | n..5 | | | | | G9 | | | |
| H0 | | **SAMPLE_DATE –** date sample was taken (YYYYMMDD) (Army) | an..11 | | | | | H0 | | | |
| H1 | | **SAMPLS_NO –** Index for multiple samples on the same day (Army) | n1 | | | | | H1 | | | |
| H2 | | **END_ITEM_HRS –** Hours on End Item (Army) | n..5 | | | | | H2 | | | |
| H3 | | **COMP_HRS –** Hours on Component (Army) | n..5 | | | | | H3 | | | |
| H4 | | **LAST_OIL_CHNG –** Component Hours since Last Oil Change (Army) | n..5 | | | | | H4 | | | |
| H5 | | **REASON –** Reason for Oil Change (Army) | an..10 | | | | | H5 | | | |
| H6 | | **Results** – Results of Oil Analysis (Army) | an..20 | | | | | H6 | | | |
| H7 | | **RESULT_DATE –** Date of Result (YYYYMMDD) (Army) | an..11 | | | | | H7 | | | |
| H8 | | **SEQ_NO –** Sequence Number (Army) | an..3 | | | | | H8 | | | |

| DEI<br>Two chars | DI<br>Ends in alpha | DOD Usage<br>Note: DEIs will not be used for new applications | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|
| H9 | | **CHECK_DATE –** Date Checked (YYYYMMDD)(Army) | an..11 | | | | | H9 | | | |
| I0 | | **BASE_TQ –** Base Torque (Army) | n..5 | | | | | I0 | | | |
| I1 | | **ENG_TSO –** Engine Time Since Overhaul or New (Army) | n..6 | | | | | I1 | | | |
| I2 | | **OAT –** Outside Air Temperature (Army) | n..3 | | | | | I2 | | | |
| I3 | 1E | **PRESS_ALT –** Pressure Altitude (Army) | n..6 | | | | | I3 | | | |
| I4 | | **N1_ACT –** N1% Actual (Army) | n..5 | | | | | I4 | | | |
| I5 | | **N1_REQ –** N1% Required (Army) | n..5 | | | | | I5 | | | |
| I6 | | **TOR_ACT –** Torque Actual (Army) | n..5 | | | | | I6 | | | |
| I7 | | **TOR_REQ –** Torque Required (Army) | n..5 | | | | | I7 | | | |
| I8 | | **EGT_TOT_ACT** – the Evaporative Gas Temperature (EGT), Turbine Gas Temperature (TGT), or Power Turbine Inlet Temperature (PTIT) Actual (Army) | n..5 | | | | | I8 | | | |
| I9 | | **EGT_TOT_REQ –** the Evaporative Gas Temperature (EGT), Turbine Gas Temperature (TGT), or Power Turbine Inlet Temperature (PTIT) Required (Army) | n..5 | | | | | I9 | | | |
| J0 | | **ENG_TIME –** Engine Time (Army) | n..6 | | | | | J0 | | | |
| J1 | | **FAT –** Free Air Temperature (Army) | n..3 | | | | | J1 | | | |

| DEI<br>Two chars | DI<br>Ends in alpha | DOD Usage<br>**Note: DEIs will not be used for new applications** | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|
| J2 | | **NG_ACT** – NG% Actual (Army) | n..4 | | | | | J2 | | | |
| J3 | | **TOR_TTV** – Target Torque Value (Army) | n..5 | | | | | J3 | | | |
| J4 | | **ETF –** Engine Torque Factor (Army) | n..4 | | | | | J4 | | | |
| J5 | | **TGF** – Turbine Gas Temperature (Army) | n..5 | | | | | J5 | | | |
| J6 | | NAR/AIN – a Notice of Ammunition Reclassification or Ammunition Information Notice which identifies safety concerns with a given lot or serial number of ammunition **–** (~~Navy Ammo 2D label~~) | not used | | | | | | | | |
| J7 | 37Y | **QA Defect Code** – Ammunition **– c**onsists of 3 sets of 2 characters which together identify the type of defect/severity related to the item) | an6 | 37Y | | | | | 37Y | | |
| J8 | 20D | **QA Certification Date** – format DDMMMYYY | an9 | 20D | | | | | 20D | | |
| J9 | 86Y | **Purpose Code/Accountability Classification Code** – Ammunition<br>First character will be a P or A. P will indicate purpose code, A will indicate ACC | an1+/an1 | 86Y | | | | | 86Y | | |
| K0 | | Signal Code – (DD From 1348-1A rp 51) | not used<br>an1 | | | | | | | | |
| K1 | V | **Routing Identifier Code (RIC) –** the "From" RIC for the shipper/source of supply | an3 | V | V | | V | | V | V | V |

| DEI<br>Two chars | DI<br>Ends in alpha | DOD Usage<br>**Note: DEIs will not be used for new applications** | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|
| K2 | 8V | **Distribution (Cognizance) Code** – last 2 positions of DOD Distribution Code encoded in 2D symbol for item receipt (DD Form 1348-1A rp 55-56)<br>See DEI B6 for full Distribution Code | an2 | 8V | 8V | | 8V | | 8V | | |
| K3 | | Restriction Code Advanced Technology Ordnance Surveillance (~~Navy Advanced Technology Ordnance Surveillance (ATOS)~~) | not used an3 | | | | | | | | |
| K4 | | Storage Point Code (~~Navy ATOS~~) | not used an2 | | | | | | | | |
| K5 | | Ammo Account Code (~~Navy ATOS~~) | not used an3 | | | | | | | | |
| K6 | | Acceptance Code (~~Navy ATOS~~) | not used an1 | | | | | | | | |
| K7 | | Activity Classification (~~Navy ATOS~~) | not used an1 | | | | | | | | |
| K8 | | Type Last Inspection (~~Navy ATOS~~) | not used an1 | | | | | | | | |
| K9 | | Type Next Inspection (~~Navy ATOS~~) | not used an1 | | | | | | | | |
| L0 | | Type Maintenance Due Code (~~Navy ATOS~~) | not used an1 | | | | | | | | |
| L1 | | **SRA** – Special Repair Activity (Army) | an1 | | | | | L1 | | | |
| L2 | | **WHDIS_CD** – When Discovered (Army) | an1 | | | | | L2 | | | |
| L3 | | **Version** – Version (Army) | an1 | | | | | L3 | | | |

| DEI<br>Two chars | DI<br>Ends in alpha | DOD Usage<br>**Note: DEIs will not be used for new applications** | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|
| L4 | | **Remarks** – for maintenance installation/removal (Army)<br>Also see DEI 89 | an..100 | | | | | L4 | | | |
| L5 | | **MAINT_LV** – Maintenance Level (Army) | a1 | | | | | L5 | | | |
| L6 | | **MAL_CD** – Malfunction Effect (Army) | an1 | | | | | L6 | | | |
| L7 | | **MANHOURS** – Man Hours (Army)<br>Also see DEI A7 | n..8 | | | | | L7 | | | |
| L8 | | **METERHRS** – Meter Hours (Army) | n..8 | | | | | L8 | | | |
| L9 | | **ACT_FCOD** – Action Fail Code (Army) | an3 | | | | | L9 | | | |
| M0 | 10W | **CNTRLNUM** – Control Number (Army) | n..8 | | | | | M0 | | | |
| M1 | | P_LCF1 – Previous Low Cycle Fatigue 1 Counts of Components/Module (~~Army 2408-16-1~~)<br>See DEI C6/D6/E4. | not used<br>n..8 | | | | | | | | |
| M2 | | P_LCF2 – Previous Low Cycle Fatigue 2 Counts of Components/Module (~~Army 2408-16-1~~)<br>See DEI C7/D7/E5. | not used<br>n..8 | | | | | | | | |
| M3 | | P_TTI – previous Time/Temperature Index Counts of Components/Module (~~Army 2408-16-1~~)<br>See DEI C8/D8/E6. | not used<br>n..8 | | | | | | | | |

| DEI<br><br>Two chars | DI<br><br>Ends in alpha | DOD Usage<br><br>**Note: DEIs will not be used for new applications** | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|
| M4 | | P_OPHR – previous Operating Hours of Components/Module (~~Army 2408-16-1~~)<br>See DEI C9/D9/E7 | not used<br>n..8 | | | | | | | | |

# AIs
# (Sorted by AI number)

| AI<br>See note | DOD Usage | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|
| 00 | **Serial Shipping Container Code (SSCC)** | n18 | | | | | | 00 | | |
| 01 | **Global Trade Item Number (GTIN) or GS1 Article number** | n14 | | | | | | 01 | | |
| 01 | **Part Number (Current)** | not defined | | | 01 | | | | | |
| 10 | **Lot / Batch Number** – additional data element not used in a Unique Item Identifier (UII) (MIL-STD-130). | see reference | | | 10 | | | | | |
| 10 | **Lot or Batch number** | an..20 | | | | | | 10 | | |
| 11 | **Production date** (YYMMDD) | n6 | | | | | | 11 | | |
| 13 | **Packaging date** (YYMMDD) | n6 | | | | | | 13 | | |
| 17 | **Expiration date** (YYMMDD) | n6 | | | | | | 17 | | |
| 20 | **Product variant** | n2 | | | | | | 20 | | |
| 21 | **Serial number** | an..20 | | | 21 | | | 21 | | |
| 30 | **Quantity** (Trade) | n..8 | | | | | | 30 | | |
| 90 | **Mutually Agreed / Internal Applications** | n..30 | | | | | | 90 | | |

| AI<br>See note | DOD Usage | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|
| 91 | **Quantity (used with AI 7001)**<br>For NATO, no longer used between nations – use "907Q" | n..8 | | | | | | 91 | | |
| 92 | **Unit of Issue (UI)**<br>For NATO, no longer used between nations | a2 | | | | | | 92 | | |
| 93 | **Required Delivery Date (RDD)** (YYMMDD)<br>For NATO, no longer used between nations – use "9021D" | n6 | | | | | | 93 | | |
| 94 | **Point of Embarkation (POE)**<br>For NATO, no longer used between nations – use "908L" | an3 | | | | | | 94 | | |
| 95 | **Enterprise ID**<br>(Edit note: Not required by DOD for use but may be used for "company internal information" IAW the GS1 General Specifications and MH10.8.7 protocol. | see reference | | | | | | | | |
| 95 | **Point of Disembarkation (POD)**<br>For NATO, no longer used between nations – use "909L" | an3 | | | | | | 95 | | |
| 96 | **Priority**<br>For NATO, no longer used between nations – use "9028Y" for transportation priority | an..2 | | | | | | 96 | | |
| 97 | **UN Hazard Classification**<br>For NATO, no longer used between nations – use "9010P" | an..4 | | | | | | 97 | | |

| AI<br>See note | DOD Usage | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|
| 240 | **Additional product identification** - e.g. cat. no. | an..30 | | | 240 | | | 240 | | |
| 250 | **Serial Number (Secondary) –** e.g. sub-assembly | an..30 | | | | | | 250 | | |
| 253 | **Global Document Type Identifier**<br>Document type "1" for carrier transport load documentation | n14..30 | | | | | | 253 | | |
| 310* | **Weight (Net),** kg. | n6 | | | | | | 310* | | |
| 330* | **Weight (Gross),** kg. | n6 | | | | | | 330* | | |
| 331* | **Length,**<br>1st dimension, meters | n6 | | | | | | 331* | | |
| 332* | **Width / Diameter,**<br>2nd dimension, meters | n6 | | | | | | 332* | | |
| 333* | **Height / Depth / Thickness,**<br>3rd dimension, meters | n6 | | | | | | 333* | | |
| 334* | **Area,** $m^2$ | n6 | | | | | | 334* | | |
| 335* | **Volume,** liters | n6 | | | | | | 335* | | |
| 336* | **Volume,** $m^3$ | n6 | | | | | | 336* | | |
| 401 | **Consignment number** | an..30 | | | | | | 401 | | |
| 402 | **Shipment identification number** | n17 | | | | | | 402 | | |
| 403 | **Routing Code** | an..20 | | | | | | 403 | | |

| AI<br>See note | DOD Usage | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|
| 410 | **Deliver to (GS1) global location number (GLN)** | n13 | | | | | | 410 | | |
| 413 | **Destination (Final), GS1 Location Number** | n13 | | | | | | 413 | | |
| 420 | **Deliver to Postal Code (national)** | an..20 | | | | | | 420 | | |
| 421 | **Deliver to Postal Code (International)**<br>ISO Country Code (n3) and Postal Code (n..9). | an..12 | | | | | | 421 | | |
| 422 | **Country of Origin** | n3 | | | | | | 422 | | |
| 7001 | **NATO Stock Number (NSN)** | an15 | | | | | | 7001 | | |
| 8002 | **Electronic Serial Number (ESN)** – cellular phone | an..20 | | | 8002 | | | 8002 | | |
| 8003 | **Global Returnable Asset Identifier (GRAI)** – with optional serial number | n14 +an..16 | | | 8003 | | | 8003 | | |
| 8004 | **Global Individual Asset Identifier (GIAI)** | an..30 | | | 8004 | | | 8004 | | |
| 8005 | **Price per unit of measure** | n6 | | | | | | 8005 | | |
| 8006 | **Component of an article** (GTIN + nth of n total components) | n14 +n2+n2 | | | | | | 8006 | | |
| 8018 | **Service Relation Number (SRN)** | n18 | | | | | | 8018 | | |
| 8100 to 8102 | **UPC Extended coupon code** | see application | | | | | | 8100 to 8102 | | |

Note: The * symbol represents a placeholder for a digit 0 to 9 which indicates the number of decimal points.

# TEIs
# (Sorted by TEI number)

| TEI<br>See note | DOD Usage | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|
| BII | **Batch Item Identifier** – a subdivision of an Enterprise Lot Number (LTN) | not defined | | | BII | | | BII | | |
| CAG | **CAGE (Commercial and Government Entity) Code** – an enterprise identifier | an5 | | | CAG | | | CAG | | |
| DUN | **DUNS** (Dun and Bradstreet) Code – an enterprise identifier | n9 | | | DUN | | | DUN | | |
| ECI | **Export Controlled Item**<br>Subject to export control and or restrictions as identified in the Wassenaar Arrangement.<br>TEI followed by the Alpha-2 ISO 3166 Country Code of the country that imposed the restriction followed by Wassenaar Code (http://www.wassenaar.org/controllists/index.html) | see reference | | | ECI | | | | | |
| EUC | **GS1 Company Prefix** – an enterprise identifier | n6..13 | | | EUC | | | EUC | | |
| FAB | **Enterprise ID** | see reference | | | FAB | | | | | |
| LOT | **Lot Number** – unique within the original part number but not unique within the enterprise identifier. Also see LTN. | not defined | | | LOT | | | LOT | | |
| LTN | **Lot Number (Enterprise)** – unique within the enterprise identifier. Also see LOT | an1-15 | | | LTN | | | LTN | | |

| TEI<br>See note | DOD Usage | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|
| MFR | **CAGE Code (Manufacturer)** – an enterprise identifier | an5 | | | MFR | | | MFR | | |
| PNO | **Part Number (Original)** | not defined | | | PNO | | | PNO | | |
| PNR | **Part Number (Current)** | not defined | | | PNR | | | PNR | | |
| SEQ | **Serial Number (Part)** – within the original part number | not defined | | | SEQ | | | SEQ | | |
| SER | **Serial Number (Part)** – within the enterprise identifier | not defined | | | SER | | | SER | | |
| SPL | **CAGE Code (Supplier)** – an enterprise identifier | an5 | | | SPL | | | SPL | | |
| UCN | **Unique Component ID Number** – assigned by other than the entity controlling the design and is used in lieu of manufacturer's serial number. | not defined | | | UCN | | | UCN | | |
| UID | **Unique Item Identifier (UII)** – permanently assigned ID number and marked on the item | an..50 | | | UID | | | UID | | |
| USN | **Serial Number (Universal)** – serial number for a new part within the enterprise identifier CAGE/NCAGE code. | an6..20 | | | USN | | | USN | | |

| TEI<br><br>See note | DOD Usage | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|
| UST | **Universal Serial Tracking Number** – a unique component ID number within the enterprise identifier CAGE/NCAGE code. Only used for non-new, in-service parts that are assigned another, different serial number. | an6..20 | | | UST | | | UST | | |

Note: The TEI format (an4) is three letters followed by space.

# DIs / DEIs / AIs / TEIs
(DOD Usage sorted alphabetically)

| DI<br>Ends in alpha | DEI<br>Two chars | AI<br>See note 1 | TEI<br>See note 2 | DOD Usage<br>**Note: DEIs will not be used for new applications** | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | K6 | | | Acceptance Code (~~Navy ATOS~~) | not used an1 | | | | | | | | |
| 6D | | | | **Acceptance Date** – format YYYYMMDD followed by ANSI X12 element 374 code for acceptance date (Army) | n8+n3 | | | | | 6D | | | |
| | C4 | | | **ACFT_HRS** – Aircraft Hours (Army) | n..8 | | | | | C4 | | | |
| | C3 | | | **ACFT_MOD** – Aircraft Model (Army) | an..10 | | | | | C3 | | | |
| | G9 | | | **AcHrsAtLastOilChange –** Actual Hours at Last Oil Change (Army) | n..5 | | | | | G9 | | | |
| | L9 | | | **ACT_FCOD** – Action Fail Code (Army) | an3 | | | | | L9 | | | |
| | 93 | | | **Activity** – identifies the organization code and its long name (AOF- OPS Brunswick) in this context it is the organization performing the task (Navy/USMC) | an..20 | | | | | 93 | | | |
| | K7 | | | Activity Classification (~~Navy ATOS~~) | not used an1 | | | | | | | | |
| | 14 | | | Actual Load Weight – for complete load<br>See DI 4Q for Weight (gross) | not used | | | | | | | | |
| | | 240 | | **Additional product identification** - e.g. cat. no. | an..30 | | | 240 | | | 240 | | |

| DI<br>Ends in alpha | DEI<br>Two chars | AI<br>See note 1 | TEI<br>See note 2 | DOD Usage<br>**Note: DEIs will not be used for new applications** | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13M | | | | AF Form 95 data.<br>Note: Form does not exist. | not used | | | | | | | | |
| | 78 | | | AHE tracked or Non-AHE tracked – Automated History "0" or "1" respectively (~~AF CAMS~~) | not used<br>an1 | | | | | | | | |
| 49Y | 49 | | | **Air Commodity/Special Handling Codes** | an2 | 49 | 49 | | | | 49 | 49Y | |
| | 23 | | | **Air Dimension Code** | an1 | 23 | 23 | | | | 23 | | |
| | B5 | | | **Aircraft Flight Hours (AFH)/Engine Flight Hours (EFH) –** hours at the time of inspection on component; with a decimal value (Navy/USMC) | an..10.1 | | | | | B5 | | | |
| | 99 | | | **Amendment** – describes a change to a previously issued TD for additional information or further compliance instruction (Navy/USMC) | an1 | | | | | 99 | | | |
| | K5 | | | Ammo Account Code (~~Navy ATOS~~) | not used<br>an3 | | | | | | | | |
| | D1 | | | **APUHRS** – Auxiliary Power Unit Operating Hours (Army) | n..8 | | | | | D1 | | | |
| | D3 | | | **APUHRSM –** Auxiliary Power Unit Operating Hours Meter (Army) | n..8 | | | | | D3 | | | |
| | D0 | | | **APUSSN –** Auxiliary Power Unit Starts Since New (Army) | n..8 | | | | | D0 | | | |
| | D2 | | | **APUSSO –** Auxiliary Power Unit Starts Since Overhaul (Army) | n..8 | | | | | D2 | | | |

| DI<br>Ends in alpha | DEI<br>Two chars | AI<br>See note 1 | TEI<br>See note 2 | DOD Usage<br>**Note: DEIs will not be used for new applications** | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D4 | | | **APUSTART –** Auxiliary Power Unit Starts Meter (Army) | n..8 | | | | | D4 | | | |
| | | 334* | | **Area,** $m^2$ | n6 | | | | | | 334* | | |
| 12M | | | | Army Form 2407 data. | not used | | | | | | | | |
| 11M | | | | Army Form 2408 data. | not used | | | | | | | | |
| 10M | | | | Army Form 2410 data. | not used | | | | | | | | |
| 9Y | 09 | | | **Asset/Equipment Description** | see reference | 09 | 09 | | | | 09 | 9Y | |
| 5H | B4 | | | **Authorized By (last name)** (Navy/USMC) | an..25 | | | | | B4 | | | |
| | I0 | | | **BASE_TQ –** Base Torque (Army) | n..5 | | | | | I0 | | | |
| | | | BII | **Batch Item Identifier** – a subdivision of an Enterprise Lot Number (LTN) | not defined | | | BII | | | BII | | |
| 2K | | | | **Bill of Lading** – Number | an..12 | | 2K | | | | 2K | 2K | 2K |
| 35S | 06 | | | **Bumper Number** | an..8 | 06 | 06 | | | | 06 | 35S | |
| S | 36 | | | **BUNO / Serial Number –** Navy Bureau Number (BUNO) (Navy)<br>Serial number of the item. | see reference | | | | | S | | | |
| | D6 | | | **C_LCF1 –** Cumulative Low Cycle Fatigue 1 (Army) | n..8 | | | | | D6 | | | |
| | D7 | | | **C_LCF2 –** Cumulative Low Cycle Fatigue 2 (Army) | n..8 | | | | | D7 | | | |

| DI<br>Ends in alpha | DEI<br>Two chars | AI<br>See note 1 | TEI<br>See note 2 | DOD Usage<br>**Note: DEIs will not be used for new applications** | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Aft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D9 | | | **C_OPHR –** Cumulative Operating Hours (Army) | n..8 | | | | | D9 | | | |
| 10E | D8 | | | **C_TTI –** Cumulative Time Temperature Index (Army) | n..8 | | | | | D8 | | | |
| 17V | | | | **CAGE (Commercial and Government Entity) Code** – the Consignor CAGE code for a military shipping label (MSL) or the CAGE code for a container ID mark of the company awarded the contract for the item being shipped | an5 | 17V | 17V | 17V | 17V | 17V | 17V | 17V | |
| | | | CAG | **CAGE (Commercial and Government Entity) Code** – an enterprise identifier | an5 | | | CAG | | | CAG | | |
| | | | MFR | **CAGE Code (Manufacturer)** – an enterprise identifier | an5 | | | MFR | | | MFR | | |
| | | | SPL | **CAGE Code (Supplier)** – an enterprise identifier | an5 | | | SPL | | | SPL | | |
| 16Y | | | | **Cargo Type (HAZMAT) Code** | an1 | | | | | | | 16Y | 16Y |
| 17K | 61 | | | **Check Digit** – of the van number | n1 | 61 | 61 | | | | 61 | | |
| | H9 | | | **CHECK_DATE –** Date Checked (YYYYMMDD)(Army) | an..11 | | | | | H9 | | | |
| 20T | | | | **Class of Supply** (e.g. "CLASS IX") | an..10 | | | | | | | 20T | |
| 7D | | | | **Classification Change Date** – e.g., last inspection, next inspection, shelf life, expiration date, etc.<br>Format MMYY | n4<br>not used | | | | | | | | |

| DI<br>Ends in alpha | DEI<br>Two chars | AI<br>See note 1 | TEI<br>See note 2 | DOD Usage<br>**Note: DEIs will not be used for new applications** | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D5 | | | **CLNDINGS –** Cumulative Landings (Army) | n..8 | | | | | D5 | | | |
| 10W | M0 | | | **CNTRLNUM** – Control Number (Army) | n..8 | | | | | M0 | | | |
| | H3 | | | **COMP_HRS –** Hours on Component (Army) | n..5 | | | | | H3 | | | |
| | 43 | | | **Compatibility Group Code** – as identified in 49 CFR (Code of Federal Regulations) | an1 | 43 | 43 | | | | 43 | | |
| 12D | | | | **Completion Date** – non-standard format used only for contact memory button. (Navy/USMC/~~AF~~ /Army) | an11 | | | | | 12D | | | |
| | B0 | | | **Completion Date (Technical Directive)** (Navy/USMC) | an11 | | | | | B0 | | | |
| | | 8006 | | **Component of an article** (GTIN + nth of n total components) | n14 +n2+n2 | | | | | | 8006 | | |
| | 54 | | | Component Position (~~AF CAMS~~) | not used | | | | | | | | |
| 2R | | | | **Condition Code** | an1 | 2R | 2R | | 2R | | 2R | 2R | 2R |
| 27Y | 27 | | | **Consignee (Receive) DOD Activity Address Code (DODAAC)**<br>Also see DIs 2Y, 1Y, and 7L | an6 | 27 | 27 | | 27 | | 27 | | 27Y |
| 5L | | | | **Consignee Address** – up to 5 lines of 35 characters<br>Note: The + symbol is part of the data and separates the data elements. | an..35+<br>an..35+<br>an..35+<br>an..35+<br>an..35+ | 5L | 5L | | | | 5L | | |

| DI<br>Ends in alpha | DEI<br>Two chars | AI<br>See note 1 | TEI<br>See note 2 | DOD Usage<br>**Note: DEIs will not be used for new applications** | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2Y | 02 | | | **Consignee Code**<br>Use with 1Y | an..6 | | | | | | | 2Y | |
| | 55 | | | **Consignee Distribution (CDIST) Code** – for number of consignees | an1 | 55 | 55 | | | | 55 | | |
| 1Y | 01 | | | **Consignee Type Code**<br>Use with 2Y | an1 | | | | | | | 1Y | |
| | | 401 | | **Consignment number** | an..30 | | | | | | 401 | | |
| 29Y | 29 | | | **Consignor (Shipping) DOD Activity Address Code (DODAAC)**<br>Also see DIs 11Y, 22Y, and 7L | an6 | 29 | 29 | | | | 29 | | 29Y |
| 11Y | | | | **Consignor Code**<br>Use with 22Y | an..6 | | | | | | | 11Y | |
| 22Y | 22 | | | **Consignor Type Code**<br>Use with 11Y | an1 | | | | | | | 22Y | |
| 21T | | | | **Construction Kit #** | an..20 | | | | | | | 21T | |
| 7B | | | | **Container ID# (includes ISO)** | an11 | | | | | | | 7B | |
| 1B | | | | **Container ID# (non-ISO)** | see reference | 1B | | | | | 1B | 1B | |
| 13B | 24 | | | **Container Number Code** – last 5 digits of van or other container number (includes the check digit) | an5 | 24 | 24 | | | | 24 | | |
| B | | | | **Container Type Code** | an1 | | | | | | | B | |

| DI<br>Ends in alpha | DEI<br>Two chars | AI<br>See note 1 | TEI<br>See note 2 | DOD Usage<br>**Note: DEIs will not be used for new applications** | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4K | | | | **Contract Line Item Number (CLIN)** | an6 | 4K | | | | | 4K | | |
| 8K | | | | **Contract Number** | an..21 | 8K | | | | | 8K | 8K | |
| 5K | | | | **Contractor Shipment Number** | an7 | 5K | | | | | 5K | | |
| 129Y | B9 | | | **Controlled Inventory Item Code (CIIC)** – extracted from DOD Consolidated Ammunition Catalog and DA Pam 708-2.<br>Identifies the security classification, security risk, or pilferage controls required for storing and transporting DOD Assets. | an1 | | | | | | | | 129Y |
| | 90 | | | **Copies (1 and 3)** (Army) | an..8 | | | | | 90 | | | |
| | | 422 | | **Country of Origin** | n3 | | | | | | 422 | | |
| 18Q | | | | **Cube (Gross)** – with optional metric unit of value for generic cargo (Default = cubic feet) | see reference | 18Q | | | | | 18Q | 18Q | |
| 7Q | | | | **Cube** (legacy ammo label) – with the two character ANSI X12.3 Data element Number 355 Unit or Basis for Measurement | an..9+an2 | 7Q | | | | | 7Q | | |
| 12Y | 12 | | | **Cube (Piece)** – with optional metric unit of value for generic cargo (Default = cubic feet) | an..4 +../an2 | 12 | 12 | | | | 12 | 12Y | |
| 30P | | | | **Current Part Number** – not part of UII | see reference | | | 30P | | 30P | 30P | | |
| | 77 | | | **DA Form 2410** – Army DA Form 2410 tracked item indicator (Army) | see reference | | | | | 77 | | | |

| DI<br>Ends in alpha | DEI<br>Two chars | AI<br>See note 1 | TEI<br>See note 2 | DOD Usage<br>**Note: DEIs will not be used for new applications** | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Aft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 12D | | | | **Date Performed** – non-standard format used only for contact memory button (Navy/USMC) | an11 | | | | | 12D | | | |
| 6D | | | | **Date Shipped** – format YYYYMMDD followed by ANSI X12 element 374 code for ship date (~~AF CAMS~~) | n8+n3 | | | | | | | | 6D |
| 6D | | | | **Date Issued –** format YYYYMMDD followed by ANSI X12 element 374 code for Processed Date/Time (009) | n8+009 | | | | | | | | 6D |
| | C0 | | | **Date Item Rebuilt** – date item was last rebuilt (Army) | an11 | | | | | C0 | | | |
| 6D | | | | **Date Received –** format YYYYMMDD followed by ANS X12 element 374 code for received on this date (044) | n8+044 | | | | | | | | 6D |
| | A3 | | | Date Received (~~AF CAMS~~) | not used an..11 | | | | | | | | |
| | B0 | | | **Date_APLD** – Date Applied (Army) | an11 | | | | | B0 | | | |
| | 85 | | | Days Remaining (~~AF CAMS~~) | not used | | | | | | | | |
| 84Y | 84 | | | **Deadline Date –** (shelf life or deadline date of a scheduled maintenance) – (Navy/USMC) | an11 | | | | | 84 | | | |
| | | 410 | | **Deliver to (GS1) global location number (GLN)** | n13 | | | | | | 410 | | |
| | | 421 | | **Deliver to Postal Code (International)**<br>ISO Country Code (n3) and Postal Code (n..9). | an..12 | | | | | | 421 | | |

| DI<br>Ends in alpha | DEI<br>Two chars | AI<br>See note 1 | TEI<br>See note 2 | DOD Usage<br>**Note: DEIs will not be used for new applications** | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 420 | | **Deliver to Postal Code (national)** | an..20 | | | | | | 420 | | |
| | 89 | | | **Description –** pertinent miscellaneous remarks for specific inventory item (Navy/USMC) | an..255 | | | | | 89 | | | |
| | | 413 | | **Destination (Final), GS1 Location Number** | n13 | | | | | | 413 | | |
| 21L | | | | **Destination ID Code**<br>Use with 33Y | an..9 | | | | | | | 21L | |
| 33Y | | | | **Destination ID Type Code**<br>Use with 21L | an1 | | | | | | | 33Y | |
| 8V | K2 | | | **Distribution (Cognizance) Code** – last 2 positions of DOD Distribution Code encoded in 2D symbol for item receipt (DD Form 1348-1A rp 55-56)<br>See DEI B6 for full Distribution Code | an2 | 8V | 8V | | 8V | | 8V | | |
| | B6 | | | **Distribution Code** – three-position field must reflect blanks as applicable. Blanks may be located in any position. Derived from rp 54-56 of the requisition from DD 1348-1A<br>See DI 8V for Distribution Cognizance Code | an3 | | | | B6 | | B6 | | |
| 6D | | | | **Document Preparation Date –** format YYYYMMDD followed only by the ANSI X12 element 374 code for Transaction Created Date (097) | n8+097 | | | | | | | | 6D |
| 7L | | | | **DOD Address Activity Code (DODAAC)** | an6 | | | 7L | | | 7L | | |

| DI<br>Ends in alpha | DEI<br>Two chars | AI<br>See note 1 | TEI<br>See note 2 | DOD Usage<br>**Note: DEIs will not be used for new applications** | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4R | | | | **DOD Identification Code (DODIC)** | an4 | 4R | 4R | | | | 4R | 4R | 4R |
| 6N | | | | **DOD Requisition and Issue Procedure Codes** – the MILSTRIP code followed by the data value associated with that code.<br>Note: The DOD aviation community uses DI 6N to identify MH10 Format 07 two-character data element identifiers (DEI) used by DOD followed by the data value associated with that DEI for contact memory button applications. | see reference | | | | | 6N | | | |
| 7N | | | | **DTR Document ID Code** – (e.g. TX1) followed by data for that code. | an..80 | | | | | | | 7N | |
| 84Y | 84 | | | Due Date (~~AF CAMS~~) | not used an..11 | | | | | | | | |
| | 80 | | | Due Time (~~AF CAMS~~) | not used | | | | | | | | |
| | | | DUN | **DUNS** (Dun and Bradstreet) Code – an enterprise identifier | n9 | | | DUN | | | DUN | | |
| 12V | | | | **DUNS Number** – identifying manufacturer | n9 | | | 12V | | 12V | 12V | | |
| | I8 | | | **EGT_TOT_ACT** – the Evaporative Gas Temperature (EGT), Turbine Gas Temperature (TGT), or Power Turbine Inlet Temperature (PTIT) Actual (Army) | n..5 | | | | | I8 | | | |

| DI<br>Ends in alpha | DEI<br>Two chars | AI<br>See note 1 | TEI<br>See note 2 | DOD Usage<br>**Note: DEIs will not be used for new applications** | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | I9 | | | **EGT_TOT_REQ –** the Evaporative Gas Temperature (EGT), Turbine Gas Temperature (TGT), or Power Turbine Inlet Temperature (PTIT) Required (Army) | n..5 | | | | | I9 | | | |
| 34S | G3 | | | **EI_SN –** End Item Serial Number (Army)<br>Used to document the serial number of the end item the component was installed/removed from.<br>See DI S for the serial number of the item/component.<br>See DI 33S for next higher assembly serial number. | an..15 | | | | | G3 | | | |
| | 52 | | | **EIMODEL** – End Item Model (Army – The Army Maintenance Management System – Aviation (TAMMS-A)) | see reference | | | | | 52 | | | |
| | | 8002 | | **Electronic Serial Number (ESN)** – cellular phone | an..20 | | | 8002 | | | 8002 | | |
| 22S | | | | **Electronic Serial Number (ESN)** – for cellular mobile telephones | not defined | | | 22S | | | 22S | | |
| | H2 | | | **END_ITEM_HRS –** Hours on End Item (Army) | n..5 | | | | | H2 | | | |
| | J0 | | | **ENG_TIME –** Engine Time (Army) | n..6 | | | | | J0 | | | |
| | I1 | | | **ENG_TSO –** Engine Time Since Overhaul or New (Army) | n..6 | | | | | I1 | | | |
| 11W | B1 | | | **Entered By (last name)** (Navy/USMC/~~AF~~) | an..25 | | | | | B1 | | | |

| DI<br>Ends in alpha | DEI<br>Two chars | AI<br>See note 1 | TEI<br>See note 2 | DOD Usage<br>**Note: DEIs will not be used for new applications** | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 95 | | **Enterprise ID**<br>(Edit note: Not required by DOD for use but may be used for "company internal information" IAW the GS1 General Specifications and MH10.8.7 protocol. | see reference | | | | | | | | |
| | | | FAB | **Enterprise ID** | see reference | | | FAB | | | | | |
| 34S | G3 | | | Eqp-ID/Part Number – End Item ID or Serial No that the component was installed/removed from. (~~Air Force AFTO 95~~) | not used an..15 | | | | | | | | |
| | 91 | | | Equipment /Part Number Hours – actual operating hours on end item (MDS) when installation/ removal took place; with a decimal value (~~AF CAMS~~) | not used n..8 ▲1 | | | | | | | | |
| | J4 | | | **ETF –** Engine Torque Factor (Army) | n..4 | | | | | J4 | | | |
| 14D | | | | **Expiration date** (YYYYMMDD) | n8 | 14D | | | | | 14D | | |
| | | 17 | | **Expiration date** (YYMMDD) | n6 | | | | | | 17 | | |
| 84Y | 84 | | | **Expire Date** | an..11 | | | | | | | 84Y | |
| 49P | | | | **Export Controlled Item**<br>Subject to export control and or restrictions as identified in the Wassenaar Arrangement.<br>DI followed by the Alpha-2 ISO 3166 Country Code of the country that imposed the restriction followed by Wassenaar Code (http://www.wassenaar.org/controllists/index.html) | see reference | | | 49P | | | 49P | | |

| DI<br>Ends in alpha | DEI<br>Two chars | AI<br>See note 1 | TEI<br>See note 2 | DOD Usage<br>**Note: DEIs will not be used for new applications** | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | ECI | **Export Controlled Item**<br>Subject to export control and or restrictions as identified in the Wassenaar Arrangement.<br>TEI followed by the Alpha-2 ISO 3166 Country Code of the country that imposed the restriction followed by Wassenaar Code (http://www.wassenaar.org/controllists/index.html) | see reference | | | ECI | | | | | |
| L | | | | **Facility/Building – storage location** | an2..14 | L | | | | | L | | L |
| | J1 | | | **FAT –** Free Air Temperature (Army) | n..3 | | | | | J1 | | | |
| | E0 | | | **FCODE –** Failure Code (Army) | an3 | | | | | E0 | | | |
| 19K | 67 | | | **FMS Case Number** – foreign military sales case number | an3 | 67 | 67 | | | | 67 | 19K | |
| | 68 | | | FMS Charges | not used | | | | | | | | |
| | 66 | | | FMS Country Code | not used | | | | | | | | |
| 35Y | 35 | | | **Free Text** – Note/Remark | an..60 | 35 | 35 | | | | 35 | 35Y | 35Y |
| | G8 | | | **FREQ_DAYS –** Oil Change Frequency in Days (Army) | n..8 | | | | | G8 | | | |
| | G7 | | | **FREQ_HRS –** Oil Change Frequency in Hours (Army) | n..20 | | | | | G7 | | | |
| 3L | | | | **From Address** – up to 3 lines of 35 characters<br>Note: The + symbol is part of the data and separates the data elements. | an..35+<br>an..35+<br>an..35+ | 3L | 3L | | | | 3L | 3L | |

| DI<br>Ends in alpha | DEI<br>Two chars | AI<br>See note 1 | TEI<br>See note 2 | DOD Usage<br>**Note: DEIs will not be used for new applications** | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 253 | | **Global Document Type Identifier**<br>Document type "1" for carrier transport load documentation | n14..30 | | | | | | | | |
| | | 8004 | | **Global Individual Asset Identifier (GIAI)** | an..30 | | | 8004 | | | 8004 | | |
| | | 8003 | | **Global Returnable Asset Identifier (GRAI)** – with optional serial number | n14 +an..16 | | | 8003 | | | 8003 | | |
| | | 01 | | **Global Trade Item Number (GTIN) or GS1 Article number** | n14 | | | | | | 01 | | |
| | | | EUC | **GS1 Company Prefix** – an enterprise identifier | n6..13 | | | EUC | | | EUC | | |
| 3V | | | | **GS1 Company Prefix** – formally known as the UCC/EAN Company Prefix | n6..11 | | | 3V | | 3V | 3V | | |

| DI<br>Ends in alpha | DEI<br>Two chars | AI<br>See note 1 | TEI<br>See note 2 | DOD Usage<br>**Note: DEIs will not be used for new applications** | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Aft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10P | | | | **Hazardous Material Code**<br>For the ammo label, enter data identifier "D" (ANSI ASC X12.3 Data Element 208) followed by DI 10P to further qualify the data as a Title 49 CFR, Section 172-101 hazardous materials identification number in the form of UNnnnn or NAnnnn.<br>For the legacy ammo label, the UN ID code marking is entered as a "U" followed by the 4 digit ID number. For other HAZMAT codes see ANSI X12.3 208/209 elements as applicable.<br>See Format 07 DEI 41/42 for TCMD UN code or North American Code Applications<br>See Format 07 DEI 49 for TCMD Air Commodity/Special Handling Code | an1+an..4 | 10P | | | | | 10P | | 10P |
| 20Q | 20 | | | **Height** – with optional metric unit of value for generic cargo (Default = inches) | an..4 +../an2 | 20 | 20 | | | | 20 | | |
| | | 333* | | **Height / Depth / Thickness,**<br>3rd dimension, meters | n6 | | | | | | 333* | | |
| | E2 | | | **HIST_REC –** History Recorder Serial Number (Army) | an..12 | | | | | E2 | | | |
| | 11 | | | Home Station – for unit move | not used | | | | | | | | |
| | E1 | | | **HSF –** Hot Section Factor (Army) | n..8 | | | | | E1 | | | |

| DI<br>Ends in alpha | DEI<br>Two chars | AI<br>See note 1 | TEI<br>See note 2 | DOD Usage<br>**Note: DEIs will not be used for new applications** | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | E3 | | | **IACT_CD –** Inspection and Action Codes (Army) | an1 | | | | | E3 | | | |
| 18V | | | | **Identification of a party to a transaction** – in which the data format consists for two concatenated segments. The first segment is the unique code assigned to an issuing agency by NEN in accordance with ISO/IEC 15459; the second segment is a unique entity identification assigned in accordance with rules established by the issuing agency. | not defined | | | 18V | | | 18V | | |
| 999 Y32 | | | | **Inspected By – Navy OIS 1348-1A Block 32** Signature/Call Sign/Code | an9..10 | | | | | | | | 999 Y32 |
| 12D | | | | **Installation Date** – non-standard format used only for contact memory button (Navy/USMC/~~AF~~/Army) | an11 | | | | | 12D | | | |
| 33S | 88 | | | Installed-on (MDS/PN/TMSM) – Mission/Design Series; Part Number; Type Model Series Modification of the component that the item is installed on. (~~AF CAMS~~) | not used | | | | | | | | |
| | 97 | | | **Interim (Change/Technical Directive)** – indicated by a check mark which describes that immediate compliance is required due to safety reasons (Navy/USMC) | an1 | | | | | 97 | | | |

| DI<br>Ends in alpha | DEI<br>Two chars | AI<br>See note 1 | TEI<br>See note 2 | DOD Usage<br>**Note: DEIs will not be used for new applications** | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 77 | | | **Inventory Class –** one of six classes (aircraft, assemblies, system, tracked parts, untracked parts, and Bill Of Material (BOM) – (Navy/USMC) | see reference | | | | | 77 | | | |
| | 78 | | | **Inventory Subclass –** a subclass code describes that an item can be attached to an inventory class (ENG, ALSS, PROP, APU) and tracked parts (ASR, MSR, SRC, EHR) (Navy/USMC) | see reference | | | | | 78 | | | |
| | A3 | | | **Issue Date (Technical Directive approval/issue date)** (Navy/USMC) | an..11 | | | | | A3 | | | |
| 6P | | | | Item Identifier (TAMCN, DODIC, etc)<br>See DI 4R for DODIC. | not used | | | | | | | | |
| | 13 | | | Item Weight – for each item | not used | | | | | | | | |
| W | G2 | | | JCN – Job Control Number (~~Air Force AFTO 95~~) | not used<br>an..9 | | | | | | | | |
| | 16 | | | JCS Cargo Category Code for Unit Move | not used | | | | | | | | |
| | A1 | | | **Kit – (Technical Directive Kit Number)** – a specific number that describes the kit needed to comply with TD (Navy/USMC) | an..2 | | | | | A1 | | | |
| | H4 | | | **LAST_OIL_CHNG –** Component Hours since Last Oil Change (Army) | n..5 | | | | | H4 | | | |
| | E4 | | | **LCF1 –** History Recorder Reading Low Cycle Fatigue (Army) | n..8 | | | | | E4 | | | |

| DI<br>Ends in alpha | DEI<br>Two chars | AI<br>See note 1 | TEI<br>See note 2 | DOD Usage<br>**Note: DEIs will not be used for new applications** | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | E5 | | | **LCF2 –** History Recorder Reading Low Cycle Fatigue 2 (Army) | n..8 | | | | | E5 | | | |
| 21Q | 18 | | | **Length** – with optional metric unit of value for generic cargo (Default = inches) | an..6 +../an2 | 18 | 18 | | | | 18 | | |
| | | 331* | | **Length,**<br>1st dimension, meters | n6 | | | | | | 331* | | |
| 20P | | | | **Line Item Number (LIN)** | an..6 | | | | | | | 20P | |
| 20L | | | | **Location/Grid** – for ammo bar code only | an2..14 | 20L | | | | | | | |
| F | | | | **Looping header** – See section VI of MH10.8.2 | an6..7 | | | | | | | F | |
| | | 10 | | **Lot / Batch Number** – additional data element not used in a Unique Item Identifier (UII) (MIL-STD-130). | see reference | | | 10 | | | | | |
| 30T | | | | **Lot / Batch Number** – additional data element not used in a Unique Item Identifier (UII) (MIL-STD-130).<br>Also see DI 1T | see reference | | | 30T | | | 30T | | |
| 1T | | | | **Lot / Batch Number** or **Traceability Number** – for a group of entities.<br>Also see DI 30T | see reference | 1T | 1T | 1T | 1T | | 1T | 1T | |
| | | | LOT | **Lot Number** – unique within the original part number but not unique within the enterprise identifier. Also see LTN. | not defined | | | LOT | | | LOT | | |

| DI<br>Ends in alpha | DEI<br>Two chars | AI<br>See note 1 | TEI<br>See note 2 | DOD Usage<br>**Note: DEIs will not be used for new applications** | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LTN | **Lot Number (Enterprise)** – unique within the enterprise identifier. Also see LOT | an1-15 | | | LTN | | | LTN | | |
| | | 10 | | **Lot or Batch number** | an..20 | | | | | | 10 | | |
| | L5 | | | **MAINT_LV** – Maintenance Level (Army) | a1 | | | | | L5 | | | |
| | A6 | | | **Maintenance Level**<br>– the maintenance level required to incorporate the TD (Navy/USMC)<br>– ~~acceptable input "O", "I", or "D" (AF CAMS~~) | an1 | | | | | A6 | | | |
| | A6 | | | **Maintenance_Type** (Army) | an1 | | | | | A6 | | | |
| | 64 | | | Major Subordinate Element (MSE) | not used | | | | | | | | |
| | L6 | | | **MAL_CD** – Malfunction Effect (Army) | an1 | | | | | L6 | | | |
| | A7 | | | **Man Hours** – total hours expended by all workers to complete the task (Navy/USMC)<br>Note: Also see L7 | an..5 | | | | | A7 | | | |
| | L7 | | | **MANHOURS** – Man Hours (Army)<br>Also see DEI A7 | n..8 | | | | | L7 | | | |

| DI<br>Ends in alpha | DEI<br>Two chars | AI<br>See note 1 | TEI<br>See note 2 | DOD Usage<br>**Note: DEIs will not be used for new applications** | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| H | | | | **Mark-For Party DODAAC** – Reflects DODAAC in DD Form 1348-1A MARK FOR (Block 4)<br>DI (H) is followed by the (mark-for DODAAC) followed by a (+) character followed by the EDIFACT Code List 3035 code value (UC).<br>The mark-for DODAAC may be used alone or in combination with a text element. In either case, the DODAAC is separately encoded. Only one mark-for DODAAC may be used. | an6+UC<br>The (+UC) is encoded data | | | | H | | | | |
| H | | | | **Mark-For Party RIC** – Reflects RIC in DD Form 1348-1A MARK FOR (Block 4 )<br>DI (H) is followed by the (mark-for RIC) followed by a (+) character followed by the EDIFACT Code List 3035 code value (UD).<br>The mark-for RIC may be used alone or in combination with a text element. In either case, the RIC is separately encoded. Only one mark-for RIC may be used. | an3+UD<br>The (+UD) is encoded data | | | | H | | | | |

| DI<br>Ends in alpha | DEI<br>Two chars | AI<br>See note 1 | TEI<br>See note 2 | DOD Usage<br>**Note: DEIs will not be used for new applications** | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| H | | | | **Mark-For Party Text** – Reflects text other than DODAAC or RIC in DD Form 1348-1A MARK FOR (Block 4)<br>DI (H) is followed by the (mark-for text) followed by a (+) character followed by the EDIFACT Code List 3035 code value (HK).<br>The mark-for text may be used alone or in combination with a DODAAC or RIC element. In either case, the text is separately encoded without the DODAAC or RIC. All 24 mark-for text positions are available if a mark-for DODAAC or a mark-for RIC is not encoded. If a mark-for DODAAC is encoded separately, 17 positions are available for the clear text. If a mark-for RIC is encoded separately, 20 positions are available for the clear text. When the mark-for text is printed in combination with a DODAAC or RIC, do not encode the slash (/). | an1..24+HK<br>The (+HK) is encoded data | | | | H | | | | |
| | 00 | | | May conflict with "OO" | not used | | | | | | | | |
| | 94 | | | **MCN** – Maintenance Control Number – a system generated number assigned to each original initiated work order (Navy/USMC) | an..12 | | | | | 94 | | | |
| | 52 | | | MDS / TMSM – Mission/Design Series; Type Model Series Modification – only end-item designators such as engine, aircraft (~~AF CAMS~~) | not used | | | | | | | | |
| | L8 | | | **METERHRS** – Meter Hours (Army) | n..8 | | | | | L8 | | | |

| DI<br>Ends in alpha | DEI<br>Two chars | AI<br>See note 1 | TEI<br>See note 2 | DOD Usage<br>**Note: DEIs will not be used for new applications** | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Aft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 30 | | | **Mode/Method Code** – of shipment | an1 | 30 | 30 | | | | 30 | | |
| 10Y | 10 | | | **Model Identifier** – for equipment for vehicle identifier | an..10 | 10 | 10 | | | | 10 | 10Y | |
| | | 90 | | **Mutually Agreed / Internal Applications** | n..30 | | | | | | 90 | | |
| | 96 | | | **MWO** – Modification Work Order number (Army) | an..7 | | | | | 96 | | | |
| | A3 | | | **MWO_Date –** Modification Work Order Date (Army) | an..11 | | | | | A3 | | | |
| | A7 | | | **MWO_MHRS** – Modification Work Order Man Hours (Army)<br>Note: Also see L7 | an..5 | | | | | A7 | | | |
| | A5 | | | **MWO_Title** – Modification Work Order Title (Army) | an..255 | | | | | A5 | | | |
| | I4 | | | **N1_ACT –** N1% Actual (Army) | n..5 | | | | | I4 | | | |
| | I5 | | | **N1_REQ –** N1% Required (Army) | n..5 | | | | | I5 | | | |
| | J6 | | | NAR/AIN – a Notice of Ammunition Reclassification or Ammunition Information Notice which identifies safety concerns with a given lot or serial number of ammunition **–** (~~Navy Ammo 2D label~~) | not used | | | | | | | | |
| 5P | | | | **National Motor Freight Classification Commodity Number** – for carriers | n6 | | | | 5P | | 5P | | 5P |

| DI<br>Ends in alpha | DEI<br>Two chars | AI<br>See note 1 | TEI<br>See note 2 | DOD Usage<br>Note: DEIs will not be used for new applications | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | | | | **National/NATO Stock Number (NSN)** – or stock identification elements thereof (Army) | an..15 | N | N | | N | N | N | N | N |
| | | 7001 | | **NATO Stock Number (NSN)** | an15 | | | | | | 7001 | | |
| 14M | | | | Navy Form 4790 data. | not used | | | | | | | | |
| 25Q | 44 | | | **Net Explosive Weight (NEW)** | n..6 | 44 | 44 | | | | 44 | 25Q | 25Q |
| | J2 | | | **NG_ACT** – NG% Actual (Army) | n..4 | | | | | J2 | | | |
| | C6 | | | **NHA_LCF1** – Next Higher Assembly Low Cycle Fatigue 1 (Army) | n..8 | | | | | C6 | | | |
| | C7 | | | **NHA_LCF2** – Next Higher Assembly Low Cycle Fatigue 2 (Army) | n..8 | | | | | C7 | | | |
| | C9 | | | **NHA_OPHR** – Next Higher Assembly Operating Hours (Army) | n..8 | | | | | C9 | | | |
| | 88 | | | **NHA_PN** – Next Higher Assembly Part Number (Army) | see reference | | | | | 88 | | | |
| 33S | 87 | | | **NHA_SN** – Next Higher Assembly Serial Number (Army) | see reference | | | | | 87 | | | |
| | C5 | | | **NHA_TSN** – Next Higher Assembly Time Since New (Army) | n..8 | | | | | C5 | | | |
| 11E | C8 | | | **NHA_TTI** – Next Higher Assembly Time/Temp Index (Army) | n..8 | | | | | C8 | | | |
| 6W | 38 | | | **Nomenclature** | see reference | 6W 38 | 38 | | 38 | 38 | 38 | 6W | 6W |

| DI<br>Ends in alpha | DEI<br>Two chars | AI<br>See note 1 | TEI<br>See note 2 | DOD Usage<br>Note: DEIs will not be used for new applications | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Aft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 86 | | | Not Used | not used | | | | | | | | |
| | F0 | | | Not Used | not used | | | | | | | | |
| | F1 | | | Not Used | not used | | | | | | | | |
| | F2 | | | Not Used | not used | | | | | | | | |
| | F3 | | | Not Used | not used | | | | | | | | |
| | F4 | | | Not Used | not used | | | | | | | | |
| | F5 | | | Not Used | not used | | | | | | | | |
| | F6 | | | Not Used | not used | | | | | | | | |
| | F7 | | | Not Used | not used | | | | | | | | |
| | F8 | | | Not Used | not used | | | | | | | | |
| | F9 | | | Not Used | not used | | | | | | | | |
| | C2 | | | **NOVH** – Number of Overhauls. Stores 2-position value for Retirement Components "RC" and Condition Components "CC" (Army) | an..2 | | | | | C2 | | | |
| | 96 | | | **Number** – (TD) Technical Directive in a 4 digit value (Navy/USMC) | an..7 | | | | | 96 | | | |
| 16Q | 57 | | | **Number of Pieces in Van** | n4 | 57 | 57 | | | | 57 | | |
| 39Y | 39 | | | **Number of Rounds** – of ammunition | n..6 | 39 | 39 | | | | 39 | 39Y | |
| 17Q | 56 | | | **Number of Shipment Units in Van** | n2 | 56 | 56 | | | | 56 | | |

| DI<br>Ends in alpha | DEI<br>Two chars | AI<br>See note 1 | TEI<br>See note 2 | DOD Usage<br>**Note: DEIs will not be used for new applications** | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | I2 | | | **OAT –** Outside Air Temperature (Army) | n..3 | | | | | I2 | | | |
| 4V | | | | **Ocean Carrier Code** – for SEAVANs | an4 | 4V | 4V | | | | 4V | | |
| | E7 | | | **OP_HRS –** History Recorder Reading Operating Hours (Army) | n..8 | | | | | E7 | | | |
| | G4 | | | **OPHR** – History Recorder Operating Hours at Install (Army) | n..8 | | | | | G4 | | | |
| | 93 | | | **Organization** (~~AF~~/Army) | an..20 | | | | | 93 | | | |
| 20L | | | | **Origin ID Code** (RFTAV) – for active tag only | an..9 | | | | | | | 20L | |
| 91Y | | | | **Origin ID Type Code** | an1 | | | | | | | 91Y | |
| 51L | | | | **Origin Zip Code** – for SEAVAN point of origin | an5 | 51L | 51L | | | | 51L | | |
| 11H | 46 | | | **Owner's First and Middle Initials** | an..2 | | 46 | | | | 46 | | |
| 12H | 47 | | | **Owner's Grade** | an2 | | 47 | | | | 47 | 12H | |
| 45Y | 45 | | | **Owner's Last Name** | an..13 | | 45 | | | | 45 | 45Y | |
| 7V | | | | **Ownership Code**<br>*Note: This conflicts with the DLMS DD Form 1348-1A use of 7V.* | an1 | 7V | | | | | 7V | | |
| | M1 | | | P_LCF1 – Previous Low Cycle Fatigue 1 Counts of Components/Module (~~Army 2408-16-1~~)<br>See DEI C6/D6/E4. | not used<br>n..8 | | | | | | | | |

| DI<br>Ends in alpha | DEI<br>Two chars | AI<br>See note 1 | TEI<br>See note 2 | DOD Usage<br>**Note: DEIs will not be used for new applications** | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | M2 | | | P_LCF2 – Previous Low Cycle Fatigue 2 Counts of Components/Module (~~Army 2408-16-1~~)<br>See DEI C7/D7/E5. | not used n..8 | | | | | | | | |
| | M4 | | | P_OPHR – previous Operating Hours of Components/Module (~~Army 2408-16-1~~)<br>See DEI C9/D9/E7 | not used n..8 | | | | | | | | |
| | M3 | | | P_TTI – previous Time/Temperature Index Counts of Components/Module (~~Army 2408-16-1~~)<br>See DEI C8/D8/E6. | not used n..8 | | | | | | | | |
| | | 13 | | **Packaging date** (YYMMDD) | n6 | | | | | | 13 | | |
| 999 Y30 | | | | **Packed By – Navy OIS 1348-1A Block 30a** Signature/Call Sign/Code | an9..10 | | | | | | | | 999 Y30 |
| 36S | 21 | | | **Pallet Identifier** | an..6 | 21 | 21 | | | | 21 | 36S | |
| | A0 | | | **Part (section of Technical Directive)** – identifies a specific portion of TD (Navy/USMC) | an..2 | | | | | A0 | | | |
| 1P | | | | **Part Number** – assigned by manufacturer | see reference | 1P | | 1P | 1P | 1P | | 1P | |
| | | 01 | | **Part Number (Current)** | not defined | | | 01 | | | | | |
| | | | PNR | **Part Number (Current)** | not defined | | | PNR | | | PNR | | |
| | | | PNO | **Part Number (Original)** | not defined | | | PNO | | | PNO | | |

| DI<br>Ends in alpha | DEI<br>Two chars | AI<br>See note 1 | TEI<br>See note 2 | DOD Usage<br>Note: DEIs will not be used for new applications | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 88 | | | **Part Number or Type/Model/Series of next higher assembly** (Navy/USMC) | see reference | | | | | 88 | | | |
| | B8 | | | **Partial Shipment Indicator** – derived from block 27 of the requisition from DD 1348-1A (item is depicted as "P" in the Clear text) | a1 | | | | B8 | | B8 | | |
| | 69 | | | **Personal Property Code** – for household goods and baggage | an1 | | 69 | | | | 69 | | |
| 12K | | | | **Personal Property Standard Carrier Alpha Code (SCAC)** – for HHG and baggage ITGBL carrier | an4 | | 12K | | | | 12K | 12K | |
| 12W | E8 | | | **Phone –** Telephone Number (Army) | an..12 | | | | | E8 | | | |
| 10H | G1 | | | **PID** – Personal Identification Code (Army) | an6 | | | | | G1 | | | |
| 9S | | | | **Piece Number** | n..4 | | | | | | | 9S | |
| 13Q | | | | **Piece Number/Total Pieces** – piece n of x pieces<br>For example: "1/5" | an..4/an..4 | 13Q | 13Q | | | | 13Q | | |
| | | 95 | | **Point of Disembarkation (POD)**<br>For NATO, no longer used between nations – use AI "909L" | an3 | | | | | | 95 | | |
| | | 94 | | **Point of Embarkation (POE)**<br>For NATO, no longer used between nations – use AI "908L" | an3 | | | | | | 94 | | |
| 9L | 26 | | | **Port of Debarkation (POD) Code** | an3 | 26 | 26 | | | | 26 | 9L | |

| DI<br>Ends in alpha | DEI<br>Two chars | AI<br>See note 1 | TEI<br>See note 2 | DOD Usage<br>Note: DEIs will not be used for new applications | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8L | 25 | | | **Port of Embarkation (POE) Code** | an3 | 25 | 25 | | | | 25 | 8L | |
| | 54 | | | **Position** (Army) | see reference | | | | | 54 | | | |
| | 54 | | | **Position Code** – a code that identifies the installed position of an item when a configuration includes multiple like items – (Navy/USMC) | see reference | | | | | 54 | | | |
| 1E | I3 | | | **PRESS_ALT –** Pressure Altitude (Army) | n..6 | | | | | I3 | | | |
| | | 8005 | | **Price per unit of measure** | n6 | | | | | | 8005 | | |
| | | 96 | | **Priority**<br>For NATO, no longer used between nations – use DEI 28 for transportation priority | an..2 | | | | | | 96 | | |
| | A2 | | | **Priority** – the Urgency of Compliance to a TD (Navy/USMC/Army) | an1 | | | | | A2 | | | |
| | 75 | | | **Privately Owned Vehicle (POV) Color** | a3 | | 75 | | | | 75 | | |
| 7J | 74 | | | **Privately Owned Vehicle (POV) License Number** | an..8 | | 74 | | | | 74 | | |
| | 72 | | | **Privately Owned Vehicle (POV) Make** | a4 | | 72 | | | | 72 | | |
| | 71 | | | **Privately Owned Vehicle (POV) Model Year** | n2 | | 71 | | | | 71 | | |
| | 73 | | | **Privately Owned Vehicle (POV) State of Registration** | a2 | | 73 | | | | 73 | | |
| | | 20 | | **Product variant** | n2 | | | | | | 20 | | |
| | | 11 | | **Production date** (YYMMDD) | n6 | | | | | | 11 | | |

| DI<br>Ends in alpha | DEI<br>Two chars | AI<br>See note 1 | TEI<br>See note 2 | DOD Usage<br>**Note: DEIs will not be used for new applications** | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Aft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3Y | 03 | | | **Project Code** | an3 | 03 | 03 | | 03 | | 03 | 3Y | 3Y |
| 86Y | J9 | | | **Purpose Code/Accountability Classification Code** – Ammunition<br>First character will be a P or A. P will indicate purpose code, A will indicate ACC | an1+/an1 | 86Y | | | | | 86Y | | |
| 20D | J8 | | | **QA Certification Date** – format DDMMMYYY | an9 | 20D | | | | | 20D | | |
| 37Y | J7 | | | **QA Defect Code** – Ammunition **– c**onsists of 3 sets of 2 characters which together identify the type of defect/severity related to the item) | an6 | 37Y | | | | | 37Y | | |
| 1H | | | | **QA Stamp** – employee identification number | an9..10 | 1H | | | | | 1H | | |
| | | 30 | | **Quantity** (Trade) | n..8 | | | | | | 30 | | |
| 7Q | | | | **Quantity (Unit of Measure)** – with the two character ANSI X12.3 Data element Number 355 Unit or Basis for Measurement | see reference | 7Q | | | | | 7Q | | |
| | | 91 | | **Quantity (used with AI 7001)**<br>For NATO, no longer used between nations – use AI "907Q" | n..8 | | | | | | 91 | | |
| 7Q | | | | **Quantity (Unit of Issue (UI))** – with the two character ANSI X12.3 Data element Number 355 Unit or Basis for Measurement | see reference | 7Q | 7Q | | 7Q | | 7Q | 7Q | 7Q |
| | E9 | | | **RCODE** – Reason Code (Army) | a1 | | | | | E9 | | | |
| | H5 | | | **REASON –** Reason for Oil Change (Army) | an..10 | | | | | H5 | | | |

| DI<br>Ends in alpha | DEI<br>Two chars | AI<br>See note 1 | TEI<br>See note 2 | DOD Usage<br>**Note: DEIs will not be used for new applications** | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 22D | G0 | | | **REC_DTStamp** – Record Date Time Stamp (Army) | n12 | | | | | G0 | | | |
| 999 Y22 | | | | **Received By – Navy OIS 1348-1A Block 22** Signature/Call Sign/Code | an9..10 | | | | | | | | 999 Y22 |
| | A8 | | | Recession Date – (~~AF CAMS~~) | not used an..11 | | | | | | | | |
| | B3 | | | **Reference (what required inspection)** – describes the name of the inspection document that delineates its requirements and procedures (Navy/USMC) | an..40 | | | | | B3 | | | |
| | G5 | | | **Reference Authority** – (Navy NALCOMIS) | an..255 | | | | | G5 | | | |
| | 94 | | | **Reference Number** – (Army) | an..12 | | | | | 94 | | | |
| | G6 | | | **Reference/Authorization/Activity** – (Navy NALCOMIS) | an..255 | | | | | G6 | | | |
| | L4 | | | **Remarks** – for maintenance installation/removal (Army)<br>Also see DEI 89 | an..100 | | | | | L4 | | | |
| | 89 | | | **Remarks** – for repair/rework (Army/~~AF~~)<br>Also see DEI L4 | an..255 | | | | | 89 | | | |
| | 77 | | | REMIS Tracked or Non-REMIS Tracked – “0” or “1” respectively (~~AF Reliability and Maintainability Information System~~) | not used an1 | | | | | | | | |

| DI<br>Ends in alpha | DEI<br>Two chars | AI<br>See note 1 | TEI<br>See note 2 | DOD Usage<br>**Note: DEIs will not be used for new applications** | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 90 | | | Removal/Installation – "R" or "I" only (~~AF CAMS~~) | not used an..8 | | | | | | | | |
| 5Q | | | | **Repair Value** – For repair/return and repair/replace, include the estimated or actual unit cost. Configured as 9 digits (whole dollars), decimal, and 2 digits (cents). Do not include leading zeros. Do not suffix the value with "USD". | n..9.n2<br>Value in US dollars | | | | 5Q | | | | |
| 21D | 32 | | | **Required Delivery Date (RDD)** – may reflect RDD in DDD format or special codes, e.g., expedited shipment and handling code (Code 999), Not Mission Capable Supply (NMCS), (Code N___), etc. | an..3 | 32 | 32 | | 32 | | 32 | 21D | |
| | | 93 | | **Required Delivery Date (RDD)** (YYMMDD)<br>For NATO, no longer used between nations – use AI "9021D" | n6 | | | | | | 93 | | |
| | 31 | | | Required Port Delivery Date (RPDD)<br>Legacy element no longer used by DOD | n3 | | | | | | 31 | | |
| | B7 | | | **Requisition Priority Designator (PD)** – derived from rp 60-61 of the requisition from DD 1348-1A | n2 | | | | B7 | | B7 | | |
| | K3 | | | Restriction Code Advanced Technology Ordnance Surveillance (~~Navy Advanced Technology Ordnance Surveillance (ATOS)~~) | not used an3 | | | | | | | | |

| DI<br>Ends in alpha | DEI<br>Two chars | AI<br>See note 1 | TEI<br>See note 2 | DOD Usage<br>**Note: DEIs will not be used for new applications** | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | H7 | | | **RESULT_DATE –** Date of Result (YYYYMMDD) (Army) | an..11 | | | | | H7 | | | |
| | H6 | | | **Results** – Results of Oil Analysis (Army) | an..20 | | | | | H6 | | | |
| | 98 | | | **Revision** – describes the latest revision of a specific TD (Navy/USMC) | an1 | | | | | 98 | | | |
| 7Y | | | | **RF Tag Content and Version Number** | an1 | | | | | | | 7Y | |
| 50S | | | | **RF Tag ID (active)** | n..14 | | | | | | | 50S | |
| 96S | | | | **RF Tag ID (passive EPCglobal 96-bit)** | n..24 | | | | | | | 96S | |
| | | 403 | | **Routing Code** | an..20 | | | | | | 403 | | |
| 7V | | | | **Routing Identifier Code** – ICP/IMM<br>Identifies the RIC of the activity originating the MRO/LRO/DRO<br>*Note: This conflicts with the JOCG ammo label use of 7V.* | an3 | | | | 7V | | | | |
| V | K1 | | | **Routing Identifier Code (RIC) –** the "From" RIC for the shipper/source of supply | an3 | V | V | | V | | V | V | V |
| | H0 | | | **SAMPLE_DATE –** date sample was taken (YYYYMMDD) (Army) | an..11 | | | | | H0 | | | |
| | H1 | | | **SAMPLS_NO –** Index for multiple samples on the same day (Army) | n1 | | | | | H1 | | | |
| | 79 | | | **Scheduled Expenditure** – assigned life usage limit to an inventory item (Navy/USMC) | see reference | | | | | 79 | | | |

| DI<br>Ends in alpha | DEI<br>Two chars | AI<br>See note 1 | TEI<br>See note 2 | DOD Usage<br>**Note: DEIs will not be used for new applications** | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Aft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10B | 51 | | | **SEAVAN Ownership Code** | an4 | 51 | 51 | | | | 51 | | |
| | B2 | | | **Section/Type Number** | an4 | | | | | B2 | | | |
| 13S | | | | **Security Seal Number** | an8 | 13S | 13S | | | | 13S | 13S | |
| | H8 | | | **SEQ_NO –** Sequence Number (Army) | an..3 | | | | | H8 | | | |
| | | 21 | | **Serial number** | an..20 | | | 21 | | | 21 | | |
| | | | SER | **Serial Number (Part)** – within the enterprise identifier | not defined | | | SER | | | SER | | |
| | | | SEQ | **Serial Number (Part)** – within the original part number | not defined | | | SEQ | | | SEQ | | |
| | | 250 | | **Serial Number (Secondary) –** e.g. sub-assembly | an..30 | | | | | | 250 | | |
| | | | USN | **Serial Number (Universal)** – serial number for a new part within the enterprise identifier CAGE/NCAGE code. | an6..20 | | | USN | | | USN | | |
| S | 36 | | | **Serial Number / Package ID**<br>Also see DI "I" for vehicle VIN<br>Also see DIs 33S and "34S" for serialized numbers. | see reference | S<br>36 | 36 | S | S | | 36 | S | |
| 33S | 87 | | | **Serial Number of Next Higher Assembly** (Navy/USMC) | see reference | | | | | 87 | | | |

| DI<br>Ends in alpha | DEI<br>Two chars | AI<br>See note 1 | TEI<br>See note 2 | DOD Usage<br>**Note: DEIs will not be used for new applications** | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 33S | 87 | | | Serial Number or Installed On Equipment ID – could be as high as the Bureau No (BuNo)/ SERNO / Serial Number of End Item (~~AF CAMS~~) | not used | | | | | | | | |
| | | 00 | | **Serial Shipping Container Code (SSCC)** | n18 | | | | | | 00 | | |
| 8S | | | | **Serial Shipping Container Code (SSCC)** – See AI table below for STANAG requirements to read this DI. | n18 | | | | | | | 8S | |
| | | 8018 | | **Service Relation Number (SRN)** | n18 | | | | | | 8018 | | |
| 80Y | | | | **Shelf Life Code** | an1 | | | | | | | | 80Y |
| 3D | | | | **Ship Date** – format YDDD | n4 | 3D | 3D | | | | 3D | | |
| 2L | | | | **Ship To Address** – up to 5 lines of 35 characters<br>Note: The + symbol is part of the data and separates the data elements. | an..35+<br>an..35+<br>an..35+<br>an..35+<br>an..35+ | 2L | 2L | | | | 2L | 2L | |
| | | 402 | | **Shipment identification number** | n17 | | | | | | 402 | | |
| | 07 | | | Shipment Number | not used | | | | | | | | |
| | K0 | | | Signal Code – (DD From 1348-1A rp 51) | not used<br>an1 | | | | | | | | |
| S | 36 | | | **SN** (Serial Number) – (Army)<br>See DI 34S for end item serial number the component was installed/removed from. | see reference | | | | | S | | | |

| DI<br>Ends in alpha | DEI<br>Two chars | AI<br>See note 1 | TEI<br>See note 2 | DOD Usage<br>**Note: DEIs will not be used for new applications** | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 33 | | | Special Priority | not used | | | | | | | | |
| | L1 | | | **SRA** – Special Repair Activity (Army) | an1 | | | | | L1 | | | |
| | A9 | | | **Status** – describes whether a TD is applicable to a specific item, complied with, previously complied with, or does not comply with (Navy/USMC) | an..4 | | | | | A9 | | | |
| | 76 | | | **Stopoff Consolidation Code** – stopoff number for shipment delivery | an1 | 76 | 76 | | | | 76 | | |
| | 63 | | | **Stopoff Number and Consignee DODAAC** | n..2+an..6 | 63 | 63 | | | | 63 | | |
| | K4 | | | Storage Point Code (~~Navy ATOS~~) | not used<br>an2 | | | | | | | | |
| | 81 | | | **Supplementary Address** | an6 | | | | 81 | | 81 | | |
| 12S | | | | **Supply Documentation Number** – and Suffix code when applicable | an14..15 | 12S | 12S | | 12S | | 12S | 12S | 12S |
| | 52 | | | **T/M/S** – Type/Model/Series (Navy/USMC) | see reference | | | | | 52 | | | |
| | A8 | | | **Target Completion Date (Technical Directive)** – the specific date when a TD is removed from the active files (Navy/USMC) | an..11 | | | | | A8 | | | |
| | 90 | | | **Task –** identifies the key task designator of the maintenance task being created such as INSP (inspection), INST (installation), REPL (replacement), RMVL (removal), SRVC (servicing) –(Navy/USMC) | an..8 | | | | | 90 | | | |

| DI<br>Ends in alpha | DEI<br>Two chars | AI<br>See note 1 | TEI<br>See note 2 | DOD Usage<br>**Note: DEIs will not be used for new applications** | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 79 | | | TBO – Time Between Overhaul (~~AF CAMS~~) | not used | | | | | | | | |
| | 79 | | | **TBO/MAOT** – Time Between Overhaul/Maximum Allowable Operating Time (Army) | see reference | | | | | 79 | | | |
| | 34 | | | **TCMD/Manifest Doc ID Code** – Document Identifier Code (DIC) for a Transportation Control Movement Document | an3 | 34 | 34 | | | | 34 | | |
| | 96 | | | TCTO Data Code – Time Compliance Technical Order directive code (~~AF CAMS~~) | not used<br>an..7 | | | | | | | | |
| | A4 | | | TCTO Identification – Time Compliance Technical Order identification (~~AF CAMS~~) | not used<br>an..25 | | | | | | | | |
| | A9 | | | TCTO Status Code – Time Compliance Technical Order Status code (~~AF CAMS~~) | not used<br>an..4 | | | | | | | | |
| | B0 | | | TCTO Status Date – Time Compliance Technical Order Status date (~~AF CAMS~~) | not used<br>an..11 | | | | | | | | |
| | A5 | | | TCTO Time Since Compliance Order Narrative (~~AF CAMS~~) | not used<br>an..255 | | | | | | | | |
| | A2 | | | TCTO Type – 1(I), 2(U), 3(R-Safety), 4(Event Type), 5(R class IVB). (~~AF CAMS~~) | not used<br>an1 | | | | | | | | |
| | 95 | | | **TD** – Technical Directive Code – a 2-digit code denoting the type of Technical Directive (TD) being incorporated (Navy/USMC) | an..2 | | | | | 95 | | | |
| | 62 | | | **Temperature Range** | an..5 | 62 | 62 | | | | 62 | | |

| DI<br>Ends in alpha | DEI<br>Two chars | AI<br>See note 1 | TEI<br>See note 2 | DOD Usage<br>**Note: DEIs will not be used for new applications** | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Aft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | J5 | | | **TGF** – Turbine Gas Temperature (Army) | n..5 | | | | | J5 | | | |
| | A7 | | | Time to Accomplish (~~AF CAMS~~)<br>Note: Also see L7 | not used<br>an..5 | | | | | | | | |
| | A5 | | | **Title/Remarks** – Describes the defined task in plain language derived from the task originator (MRC, PMIC, or manuals) (Navy/USMC) | an..255 | | | | | A5 | | | |
| | I6 | | | **TOR_ACT –** Torque Actual (Army) | n..5 | | | | | I6 | | | |
| | I7 | | | **TOR_REQ –** Torque Required (Army) | n..5 | | | | | I7 | | | |
| | J3 | | | **TOR_TTV** – Target Torque Value (Army) | n..5 | | | | | J3 | | | |
| 27Q | | | | **Total Price –** with unit value = USD<br>Not approved for use by MH10.8.2 | | | | | | | | | 27Q |
| 20S | | | | **Traceability Code/Serial Number** | an20 | 20S | | | | | 20S | | |
| 9K | | | | **Transportation Account Code (TAC)** | an4 | 9K | 9K | | | | 9K | | |
| J<br>K<br>U<br>S<br>M | | | | **Transportation Control Number (TCN)**<br>The DI is "J", which must be followed by the agency designator "KUSM" (see ISO/IEC 15459-1) that assigned the unique TCN. | an17 | J | J | | | | J | J | J |
| | 28 | | | **Transportation Priority Code** | n1 | 28 | 28 | | | | 28 | | |

| DI<br>Ends in alpha | DEI<br>Two chars | AI<br>See note 1 | TEI<br>See note 2 | DOD Usage<br>**Note: DEIs will not be used for new applications** | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6JKUSM | | | | **Transportation Tracking Number (TTN)**<br>The DI is "6J", which must be followed by the agency designator "KUSM" (see ISO/IEC 15459-1) that assigned the unique TTN. | n17 | 6J | 6J | | | | | 6J | |
| | C1 | | | **TSLI** – Time Since Last Install (Army) | n..8 | | | | | C1 | | | |
| | 82 | | | **TSN** – Time Since New – referenced in time (Total Current Usage logged against an item since manufacture date). (Navy/USMC/~~AF~~/Army) | see reference | | | | | 82 | | | |
| | 83 | | | **TSO** – Time Since Overhaul – referenced in time (Usage logged against an item since last Overhaul) (Navy/USMC/~~AF~~/Army) | see reference | | | | | 83 | | | |
| | E6 | | | **TTI –** History Recorder Reading Time (Army) | n..8 | | | | | E6 | | | |
| | K8 | | | Type Last Inspection (~~Navy ATOS~~) | not used an1 | | | | | | | | |
| | L0 | | | Type Maintenance Due Code (~~Navy ATOS~~) | not used an1 | | | | | | | | |
| | K9 | | | Type Next Inspection (~~Navy ATOS~~) | not used an1 | | | | | | | | |
| | 50 | | | **Type Pack Code** – from DTR code list | an2 | 50 | 50 | | | | 50 | | |
| | 48 | | | **Type Service** – text description of transportation method | an..10 | 48 | 48 | | | | 48 | | |

| DI<br>Ends in alpha | DEI<br>Two chars | AI<br>See note 1 | TEI<br>See note 2 | DOD Usage<br>**Note: DEIs will not be used for new applications** | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 65Y | 65 | | | **Ultimate Consignee / Mark for DODAAC**<br>See 07 DEI 27 | an6 | | | | | | | | 65Y |
| | | 97 | | **UN Hazard Classification**<br>For NATO, no longer used between nations – use AI "9010P" | an..4 | | | | | | 97 | | |
| | 42 | | | **UN/NA ID Number** – designates United Nations (UN) or North American (NA) hazardous code.<br>Use in conjunction with DEI 41. | an4 | 42 | 42 | | | | 42 | | |
| | 41 | | | **UN/NA Indicator** – designates United Nations (UN) or North American (NA) Source for the UN/NA Number in DEI 42 | an2 | 41 | 41 | | | | 41 | | |
| 41P | | | | **Uniform Freight Classification Commodity Number** – for rail<br>Not approved for use by MH10.8.2 | see reference | | | | | | | | 41P |
| | | | UCN | **Unique Component ID Number** – assigned by other than the entity controlling the design and is used in lieu of manufacturer's serial number. | not defined | | | UCN | | | UCN | | |

| DI<br>Ends in alpha | DEI<br>Two chars | AI<br>See note 1 | TEI<br>See note 2 | DOD Usage<br>**Note: DEIs will not be used for new applications** | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 25S | | | | **Unique Item Identifier (UII)** – documents as a single value the UII element of an item unique identification (IUID) mark or the DOD IUID equivalent mark as specified in see MIL-STD-130. Also see MH10.8.2, Annex C.11 for possible serial number constructs.<br>DI 25S may identify a Construct #1 or Construct #2 UII or a DOD recognized IUID equivalent. | an..50 | 25S | | 25S | 25S | | 25S | 25S | |
| | | | UID | **Unique Item Identifier (UII)** – permanently assigned ID number and marked on the item | an..50 | | | UID | | | UID | | |
| 42S | | | | Unique Item Identifier (UII) and included Serial Number – Unique Item Identifier (in DI 25S format) preceded by two digits (01-30) indicating the length of the Serial Number segment embedded as the last concatenated element of the UII. Used to associate UIIs with Serial Numbers for multiple items in a single package.<br><br>n2 + issuing agency code (IAC) + company identification code (CIN)+ serial number segment (SN) | not used<br><br>n2+an..50 | | | | | | | | |
| 18S | | | | **Unique Item Identifier (UII) not including issuing agency code (IAC)** – CAGE code followed by the serial number | not defined | | | 18S | | | 18S | | |
| 5Y | 05 | | | **Unit Identification Code (UIC)** | an6 | 05 | 05 | | | 05 | 05 | 5Y | |

| DI<br>Ends in alpha | DEI<br>Two chars | AI<br>See note 1 | TEI<br>See note 2 | DOD Usage<br>**Note: DEIs will not be used for new applications** | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Aft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4Y | 04 | | | **Unit Line Number (ULN)** – for unit move | an7 | 04 | 04 | | | | 04 | 4Y | |
| 8Y | 08 | | | **Unit Name** – for Ship To location<br>See Format 06 DI 2L or 5L for address text | an..20 | | | | | | | 8Y | |
| | | 92 | | **Unit of Issue (UI)**<br>For NATO, no longer used between nations | a2 | | | | | | 92 | | |
| 12Q | | | | **Unit Price –** with unit of value = USD | see reference | 12Q | 12Q | | 12Q | | 12Q | | 12Q |
| 40Y | 40 | | | **United Nations (UN) Class/Division Code** | an2 | 40 | 40 | | | | 40 | 40Y | |
| | | | UST | **Universal Serial Tracking Number** – a unique component ID number within the enterprise identifier CAGE/NCAGE code. Only used for non-new, in-service parts that are assigned another, different serial number. | an6..20 | | | UST | | | UST | | |
| | | 8100 to 8102 | | **UPC Extended coupon code** | see application | | | | | | 8100 to 8102 | | |
| | 92 | | | **Usage –** acronym for type of indicator (i.e. POT for Propeller Operating Time) (Navy/USMC) | an..8 | | | | | 92 | | | |
| | 80 | | | **Usage Remaining Quantity** – the amount of usage remaining on an inventory item prior to its removal (Navy/USMC) | see reference | | | | | 80 | | | |
| | 85 | | | **Usage Until Deadline –** shelf life or time remaining including extension time (Navy/USMC) | see reference | | | | | 85 | | | |

| DI<br>Ends in alpha | DEI<br>Two chars | AI<br>See note 1 | TEI<br>See note 2 | DOD Usage<br>**Note: DEIs will not be used for new applications** | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10Z + 11Z | | | | **User Defined Title and Value** | see reference | | | | | | | 10Z + 11Z | |
| | 17 | | | UTC – Unit Type Code for unit move | not used | | | | | | | | |
| 24Q | 58 | | | **Van Inside Cube –** (Default = cubic feet) | an..4 | 58 | 58 | | | | 58 | | |
| 23Q | 59 | | | **Van Length** – length of SEAVAN (Default = feet) | an..2 | 59 | 59 | | | | 59 | | |
| 11B | 60 | | | **Van Number (complete)** – complete serial number minus check digit (does not include the ISO Owner Code and Van Type code) | see reference | 60 | 60 | | | | 60 | | |
| I | | | | **Vehicle Identification Number (VIN)** | an17 | I | I | I | | | I | | |
| | 37 | | | Vehicle Model Number<br>See 07 DEI 10 | not used | | | | | | | | |
| | L3 | | | **Version** – Version (Army) | an1 | | | | | L3 | | | |
| | | 335* | | **Volume,** liters | n6 | | | | | | 335* | | |
| | | 336* | | **Volume,** $m^3$ | n6 | | | | | | 336* | | |
| 999 Y34 | | | | **Warehoused By – Navy OIS 1348-1A Block 34** Signature/Call Sign/Code | an9..10 | | | | | | | | 999 Y34 |
| 15Y | 15 | | | **Water Commodity/Special Handling Codes** | an5 | 15 | 15 | | | | 15 | 15Y | |
| 30T | | | | **Weapon Stock Number (WSN)** – A proper subset of the Lot Batch. It is used by the Air Force to designate groups of built-up weapons. | an14 | 30T | | | | | 30T | | |

| DI<br>Ends in alpha | DEI<br>Two chars | AI<br>See note 1 | TEI<br>See note 2 | DOD Usage<br>**Note: DEIs will not be used for new applications** | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2Q | | | | **Weight** (Default = lbs) | an..9 | 2Q | | | | | 2Q | | |
| 4Q | | | | **Weight (Gross)** – for entire shipment or manifest | an..6 | | | | | | | 4Q | |
| | | 330* | | **Weight (Gross),** kg. | n6 | | | | | | 330* | | |
| 7Q | | | | **Weight** (legacy ammo label) – with the two character ANSI X12.3 Data element Number 355 Unit or Basis for Measurement | an..9+an2 | 7Q | | | | | 7Q | | |
| 22Q | 70 | | | **Weight (Net)** – with optional metric unit of value (Default = lbs) | an..5 +../an2 | | 70 | | | | 70 | | |
| | | 310* | | **Weight (Net),** kg. | n6 | | | | | | 310* | | |
| 2Q | | | | **Weight (Piece)** – with optional metric unit of value for generic cargo (Default = lbs)<br>Note: Used for Weight (piece) in a shipment | an..5 +../an2 | | 2Q | | | | 2Q | 2Q | 2Q |
| 11Q | | | | **Weight (Tare)** – with optional metric unit of value for generic cargo (Default = lbs) | an..5 +../an2 | | 11Q | | | | 11Q | | |
| 3Q | | | | **Weight Units –** as defined by the two character ANSI X12.3 Data element Number 355 Unit or Basis for Measurement | | 3Q | | | | | 3Q | | |
| | L2 | | | **WHDIS_CD** – When Discovered (Army) | an1 | | | | | L2 | | | |
| 19Q | 19 | | | **Width** – with optional metric unit of value for generic cargo (Default = inches) | an..4 +../an2 | 19 | 19 | | | | 19 | | |
| | | 332* | | **Width / Diameter,**<br>2nd dimension, meters | n6 | | | | | | 332* | | |

| DI<br>Ends in alpha | DEI<br>Two chars | AI<br>See note 1 | TEI<br>See note 2 | DOD Usage<br>**Note: DEIs will not be used for new applications** | Metadata | Mil Std 129 | DTR | Mil Std 130 | DD 1348-1A | Acft Maint | STANAG | RFTAV Tag | OIS 1348-1A |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 53 | | | **WUC** – Work Unit Code –3, 5, 7, or 32 position code that identifies system, subsystem, assembly, component, etc. on which maintenance is performed (Navy/USMC/Army) | see reference | | | | | 53 | | | |
| | 53 | | | WUC/LCN – Work Unit Code/Logical Configuration Number (~~AF CAMS~~) | not used | | | | | | | | |

Note 1: The * symbol represents a placeholder for a digit 0 to 9 which indicates the number of decimal points.
Note 2: The TEI format (an4) is three letters followed by space