**AP6.36. APPENDIX 6.36**

**ISSUE RELEASE/RECEIPT DOCUMENT (IRRD)
 (DD FORM 1348-1A or DD FORM 1348-2) CONTINUATION PAGE**

Example 1. This IRRD Continuation Page may be used for all commodities with the exception of ammunition and explosives (A&E). Due to unique data content, separate continuation page formats for A&E are shown on subsequent pages.



|  |
| --- |
| **WAREHOUSE/SHIPPING INSTRUCTIONS:** |
| **OTHER INSTRUCTIONS:** |

Note: Example 1 is for illustration only and is not actual size. The sample shows only the first page of a multi-page set; the follow-on pages would show the listed serial number linear bar code information for the remaining items in the shipment.

Example 2. This IRRD A&E Continuation Page is prepared as a separate document and must be attached to the DD 1348-1A.

**DD FORM 1348-1A ISSUE RELEASE/RECEIPT DOCUMENT A&E CONTINUATION PAE**

|  |
| --- |
|  **A&E CONTINUATION PAGE DOCUMENT NO. & SUFFIX: M132205212P001** Page 1 of 1 |
| 27.ADDITIONAL DATABar Code Example **(LOT NUMBER AND QUANTITY)** **TAC15L001-001 2** **(SERIAL NUMBER)**Bar Code Example **25451T** **(SERIAL NUMBER)**Bar Code Example **25461T** | 28.ISSUED BY | 29.DATE |
| 30.PACKED BY/DATE | 31.DATE SHIPPED |
| 32.INSPECTED BY | 33.DATE |
| 34.WAREHOUSE BY | 35.DATE |
| 36.WHSE LOCTFS1 | 37.CAA | 38.NEW7.58 |
| 39 TCN |
| 40.REMARKSAPPROVED FOR TRANSFER: |
| 41.FIRST DEST ADDRESSW6TC 596TH USA TRANS SURF BDE TRANS SDAT OPT BLDG 101 6280 SUNNY POINT ROAD SE SOUTHPORT NC 28461-7800  | 42.SHIP TO ADDRESS0001 CS HHC HHC X1 THTR SPTAMMO SUPPLY POINT KUWAIT CLASS V AL JALAIL ASP KUWAIT KWMCBH KANEOHE BAY HI 96863-3006 |
| **Bar Code Example**   |

Note: Example 2 is an illustration only and is not actual size. The sample reflects A&E Continuation Page for the DD Form 1348-1A prepared as a separate document.

Example 3. This IRRD A&E Continuation Page displayed on a single page with the DD 1348-1A.

**Shipment is a United States Munitions List (USML) Item. Shipment is property of the U.S. Government. Title remains with U.S. Government. Ultimate end user is agency of U.S. Government (Dept. of Defense). Not intended for introduction to commercial economy. Shipment is for the exclusive end use of U.S. Military Forces**.

A5A BB2 F EA 0000002 W81P6D J 26 2T 841 13 146 2B B14 0 A

00

 2956

00

W53XMD

CRANE ARMY AMMUNITION ACTIVITY 300 HWY 361

CRANE, IN 47522-5009

M132200

16119

6430

42712

1

2

1

12.5

1.82

UN#0012

UN 0181 PSN: ROCKETS 1.1E PG II

ROCKET, HIGH EXPLOSIVE

HA29

1478

RAIL

PL

1

25LBS

2.364 FT

**DD FORM 1348-1A ISSUE RELEASE/RECEIPT DOCUMENT A&E CONTINUATION PAGE**

|  |
| --- |
|  **A&E CONTINUATION PAGE DOCUMENT NO. & SUFFIX: M132205212P001** Page 1 of 1 |
| 27.ADDITIONAL DATABar Code Example **(LOT NUMBER AND QUANTITY)** **TAC15L001-001 2** **(SERIAL NUMBER)**Bar Code Example **25451T** **(SERIAL NUMBER)**Bar Code Example **25461T** | 28.ISSUED BY | 29.DATE |
| 30.PACKED BY/DATE | 31.DATE SHIPPED |
| 32.INSPECTED BY | 33.DATE |
| 34.WAREHOUSE BY | 35.DATE |
| 36.WHSE LOCTFS1 | 37.CAA | 38.NEW7.58 |
| 39 TCN |
| 40.REMARKSAPPROVED FOR TRANSFER: |
| 41.FIRST DEST ADDRESS | 42.SHIP TO ADDRESS2ND BN 3RD MARINES UDP EASTSUPPLY OFFICERMF 2ND BN 3RD MAR SUPO UDP EASTBLDG 1094 TEL 808 257 5284MCBH KANEOHE BAY HI 96863-3006 |
|  COMPLETE 2-D BARCODE**Bar Code Example** |

Note: Example 3 is an illustration only and is not actual size. It is acceptable for AIT systems to print both the 1348-1A and the continuation page on a single page when space permits. The sample reflects the 1348-1A and A&E Continuation Page printed on a single page.

AP6.36.1. IRRD (DD 1348-1A or DD Form 1348-2) Continuation Page. There are two unique continuation pages addressed in AP6.36, the standard continuation page used with all commodities other than A&E, and a continuation page specific to A&E. The A&E continuation page may be produced by AIT systems either on the same page as the 1348-1A if space permits, or separately. When the continuation page is used as an extension of the IRRD Block 27, it will contain the following minimum data:

 AP6.36.1.1. Continuation Page (Title).

 AP6.36.1.2. Document Number and suffix (from requisition/shipment).

 AP6.36.1.3. Quantity Shipped and Unit of Issue (processed for shipment).

 AP6.36.1.4. Page number and total number of continuation pages.

 AP6.36.1.5. PDF417 2D bar code or Macro PDF417 2D bar codes. See Appendix 6.35 for included data elements, their respective data identifiers, and print quality requirements.

 AP6.36.1.6. Code 39 linear bar codes with human-readable information. Each item’s serial number used for tracking under a UIT program or in support of DoD policy for the application of IUID in supply processes, as applicable, will be printed and encoded with a Code 39 linear bar code. This requirement provides backward compatibility for distribution systems unable to decode the PDF417 2D bar code information. Each item will have no more than one encoded serial number; some items may not have a serial number (i.e., the item only has a UII or the item is not serialized). See AP6.36.4 for implementation business rules.

 AP6.36.1.7. Small Arms/Light Weapons (SA/LW) Turn-In.[[1]](#footnote-1)  If Block 27 of the IRRD does not provide sufficient space for listing missing parts associated with a partial/incomplete weapon turned-in under the whole item NSN, provide a missing parts list on, or attached to, the continuation page. If the shipment includes multiple weapons, list missing parts under the serial number of the applicable weapon. In lieu of listing the missing parts, the owning Component may authorize including a signed statement in Block 27 or the attached continuation page certifying that the weapons have missing parts. Provide name and contact information of the authorizing official. If prepared electronically, provide a digital signature.

AP6.36.2. A&E Continuation Page.A&E Continuation Page unique content requirements numbered 28 through 42.Associated numbers to block titles and description may vary based on AIT system and service unique requirements:

Note: When supported by AIT, electronic signatures are preferred for blocks requiring signatures.

| Block(s)  | Block Title | Entry Description |
| --- | --- | --- |
| 28 | Issued/Picked By | Signature of individual from the originating activity.  |
| 29 | Date  | Date Issued/Picked |
| 30 | Packaged By/Date | Crew Supervisor/Individual responsible for prepping materiel Signature and date |
| 31 | Date Shipped | Date the shipment departs originating activity |
| 32 | Inspected By | (Mandatory) Signature of individual from the originating activity performing final inspection |
| 33 | Date | Inspected Date |
| 34 | Warehoused By | Signature of the crew supervisor or individual responsible for stowage of the item at the completion of the receipt process.  |
| 35 | Date | Warehoused Date |
| 36 | Warehouse Location | Storage/staging location of the item. Normally expressed as a building number or area number. May reflect multiple locations as applicable. Different locations will be separated by a comma between locations |
| 37 | CAA | Competent Authority Approval (CAA), the CAA number for those items that require a CAA document to accompany the shipment |
| 38 | NEW | Net Explosive Weight of items covered by the 1348-1A. |
| 39 | TCN | Transportation Control Number associated with the shipment. |
| 40 | Remarks | Remarks (Approval for transfer) |
| 41 | First Destination Address | Department of Defense Activity Address Code (DoDAAC) and associated shipping address for the first destination. This block is associated with items shipped “For Further Transfer (FFT)” |
| 42 | Ship-To Address | Shipping address associated with the Ship-To DoDAAC in cBlock 3. |

AP6.36.3. Code 39 Linear Bar Code Business Rules. Format requirements for the DD Form 1348-1A Continuation Page applications are:

 AP6.36.3.1. The minimum bar height should be at least 0.50 inches (12.7 mm), but must not be less than 0.25 inches (6.3 mm.).

 AP6.36.3.2. The space provided on the continuation page must be able to encode up to 30 characters for the serial number and the bar code should not exceed 4 inches in length.

 AP6.36.3.3. The narrow element X-dimension should be at least 0.010 inches (0.25 mm) but must not be less than 0.007 inches (0.18 mm) for these high density bar codes. The wide to narrow ratio should be 3 to 1 but must not be less than 2 to 1.

 AP6.36.3.4. The quality of the printed bar code must meet a grade requirement of 1.5(C) at the point of production when measured in accordance with ISO/IEC 15416 with a measurement aperture of 0.25 mm and an inspection wavelength of 660±10 nm.

 AP6.36.3.5. The ASCII characters encoded will consist of the standard uppercase characters, numbers, and symbols identified ISO/IEC 16388, Table 1. The full ASCII 128 character set will not be used.

AP6.36.4. Common data for all of the IRDD items will be encoded in the PDF417 (or Macro PDF417) 2D bar code’s first ISO/IEC 15434 Format 06 and Format 07 envelopes, as applicable.

AP6.36.5. UIIs and serial numbers (including batch/lot number when required for tracking) will be encoded and linked together to support DoD supply policy based upon IUID Indicator Y when they are machine readable and readily available, or when retrievable from the AIS generating the form. However, at a minimum, the serial number is required for NSNs falling under a UIT program.

 AP6.36.5.1. One item. If the continuation page is used for an IRDD quantity of one serialized item, the first Format 06 envelope may also be used to associate item-specific data for the uniquely identified item. A single data qualifier or a single set of data qualifiers (e.g., UII (DI 25S), serial number (DI S), batch/lot (DI 1T)) may be used with the Format 06 envelope to identify and associate the serialized data for an item.

 AP6.36.5.2. Two or more items. For an IRDD quantity of two or more serialized items, an additional Format 06 envelope (one per item) will be used for each item to encode item-specific data (e.g., UII (DI 25S), serial number (DI S), batch/lot (1T)) for the uniquely identified item.

AP6.36.5.3. The example is for 40 items in an IRDD.



Sample PDF417 2D bar code (actual size)

[)>RS06GS12SW90GF8829620258GSN5340013145957GS7Q40EAGSVS9IGS7VN32GS2RAGS12Q050.20USDGS5P999912GS1TMGU12345GS17V1AAA9 GS1P9988771212SPRS07GS03ZCNGSB6 7VGS27WK4FV9GS38LOOP,STRAPGS329
99GSB702GSB8PGS81WK4FV9RS06GSSVT45645RS06GSSVT45646RS06GSSVT45647RS06GSSVT45648RS06GSSVT45649RS06GSSVT45651RS06GSSVT45652RS06GSSVT45653RS06GSSVT45654RS06GSSVT45655RS06GSSVT45656RS06GSSVT45657RS06GSSVT45658RS06GSSVT45659RS06GSSVT45660RS06GSSVT45661RS06GSSVT45662RS06GSSVT45663RS06GSSVT45664RS06GSSVT45665RS06GSSVT45666RS06GSSVT45667RS06GSSVT45668RS06GSSVT45669RS06GSSVT45670RS06GSSVT45671RS06GSSVT45672RS06GSSVT45673RS06GSSVT45674RS06GSSVT45675RS06GSVT45676RS06GSS674A3604RS06GSSVT45677RS06GS25S06141411A0B9C3D7RS06GS25SUN077991289674B36AARS06GS25SUN077991289674B36ABRS06GSSVT45678GS25SUN077991289674B36ACRS06GSS674A3605GS25S06141411A0B9C3D8RS06GSSMK98765GS25SUN077991289674B36ADRSEOT

Linear Bar Code Sample Data Stream (above)

AP6.36.6. PDF417 2D Bar Code Business Rules. If only one PDF417 2D bar code is required to encode the information, it will be a standard PDF417 2D bar code and not a Macro PDF417 2D bar code. If two or more PDF417 2D bar codes are required, they must be Macro PDF417 2D bar codes. The PDF417 2D bar codes will be on the first page(s) of the continuation page to be followed by each item’s serial number encoded with Code 39 linear bar codes.

 AP6.36.6.1. Macro PDF417 2D bar codes will be used when the encoded data message file exceeds the capacity of a single PDF417 2D bar code. When space is exhausted in a PDF417 2D bar code’s data capacity, the application program must begin using Macro PDF417 2D bar codes to encode the data content in multiple bar codes. There is no requirement to repeat shipment-related data in the next Macro PDF417 2D bar code; the Macro PDF417 2D bar codes are linked with codewords to derive a single transaction file. A full size 18 data column 2D bar code (PDF417 or Macro PDF417) can encode approximately 1100 characters at Error Level 5. The character capacity of the PDF417 2D bar code is based on a PDF417 2D bar code limit of 925 codewords, the compaction algorithm used to encode data in a codeword, and the PDF417 2D bar code’s error correction level.

 AP6.36.6.2. Macro PDF417 2D bar codes will be encoded and printed in accordance with ISO/IEC 15438.

 AP6.36.6.3. Each Macro PDF417 2D bar code represents a segment of the whole file. To reconstruct the whole file, the segments need to be placed in the correct order. Each Macro PDF417 2D bar code is encoded with a control block of codewords that facilitates this reassembly process after all the PDF417 2D bar codes have been scanned at least once in any sequence order.

 AP6.36.6.4. Each receiving system used to scan Macro PDF417 2D bar codes will need to determine if the system scanner will operate in a buffered or unbuffered mode. As the Macro PDF417 2D bar codes are scanned, the de-packetizing function reconstructs the original message. If operating in buffered mode, the PDF417 2D bar code codeword de-packetizing function is in the scanner’s decoder; if operating in unbuffered mode, it is in the receiving system decoder.

 AP6.36.6.5. Decoders should provide a specific means whereby the processing of a given Macro PDF417 2D bar code control block file ID may be aborted, thus allowing the decoder to begin processing a different set of Macro PDF417 2D bar codes. This is necessary to prevent a deadlock condition should one or more Macro PDF417 2D bar codes of a given file ID be missing or undecodable.

 AP6.36.6.6. To accommodate potentially unbuffered operations by some receiving systems, the segment count field in the control block will be encoded in each Macro PDF417 2D bar code to facilitate checking that all segments in a set of Macro PDF417 2D bar codes are received. The segment count field identifies the total number of Macro PDF417 2D bar codes in the distributed file.

 AP6.36.6.7. The following is provided to describe the example Macro PDF417 2D bar code control block used for the continuation page Macro PDF417 2D bar codes shown in AP6.36.6. The codewords are encoded by software suites using different schemes; thus, the example only shows the numeric value of each codeword and not the actual syntax of how it is encoded.

* Continuation page example first Macro PDF417 2D bar code Control Block code words within the Macro PDF417 2D bar code’s segment data structure are:

(928) (111)(100) (129) (923)(001) (111)(002)

* Continuation page example second Macro PDF417 2D bar code Control Block codewords are:

(928) (111)(101) (129) (923)(001) (111)(002) (922)

* The code-words represent the following controls:

(928) = the tag identifier for the start of a macro control block

(111)(100) = the modular math base 900 value for the 1st segment (00000)

(111)(101) = the modular base 900 value for the 2nd segment (00001)

(129) = the file ID assigned for the set of Macro PDF417 2D bar codes

(923)(001) = the tag and field designator for the Segment Count field

(111)(002) = the modular base 900 value for the Segment Count (00002)

(922) = the tag identifier for the end of the last macro Control Block

AP6.36.7. Example Macro PDF417 2D Bar Codes. The following two Macro PDF417 2D bar codes from the continuation sample page are printed full size for system developer review. The two Macro PDF417 2D bar codes contain all of the linear bar coded information from the parent DD Form 1348-1A (or DD Form 1348-2), additional item identification detail, and the included UIIs and/or serial numbers. The annotations of ^(nnn) in the encoded strings below denote Macro PDF417 code words.



Macro PDF417 2D Bar Code Samples (actual size) from Continuation Page

[)>RS06GS12SW90GF8829620258GSN5340013145957GS7Q60EAGSVS9IGS7VN32GS2RAGS12Q050.20USDGS5P999912GS1TMGU12345GS17V1AAA9GS1P9988771212SPRS07GS03ZCNGSB6 7VGS27WK4FV9GS38LOOP, STRAPGS32999GSB702GSB8PGS81WK4FV9RS06GSS30-CHARACTER SERIAL NO EXAMPLERS06GSSA1B2C3112345678RS06GSSA1B2C3234567890RS06GS25SD1AAA9A1B2C33GSSA1B2C33RS06GS25SD1AAA9A1B2C34GSSA1B2C34RS06GS25SD1AAA9A1B2C35GSSA1B2C35RS06GS25SD1AAA9A1B2C36GSSA1B2C36RS06GS25SD1AAA9A1B2C37GSSA1B2C37RS06GS25SD1AAA9A1B2C38GSSA1B2C38RS06GS25SD1AAA9A1B2C39GSSA1B2C39RS06GS25SD1AAA9A1B2C310GSSA1B2C310RS06GS25SD1AAA9A1B2C311GSSA1B2C311RS06GS25SD1AAA9A1B2C312GSSA1B2C312RS06GS25SD1AAA9A1B2C313GSSA1B2C313RS06GS25SD1AAA9A1B2C314GSSA1B2C314RS06GS25SD1AAA9A1B2C315GSSA1B2C315RS06GS25SD1AAA9A1B2C316GSSA1B2C316RS06GS25SD1AAA9A1B2C317GSSA1B2C317RS06GS25SD1AAA9A1B2C318GSSA1B2C318RS06GS25SD1AAA9A1B2C319GSSA1B2C319RS06GS25SD1AAA9A1B2C320GSSA1B2C320RS06GS25SD1AAA9A1B2C321GSSA1B2C321RS06GS25SD1AAA9A1B2C322GSSA1B2C322RS06GS25SD1AAA9A1B2C323GSSA1B2C323RS^(928)^(111)^(100)^(129)^(923)^(001)^(111)^(002)

06GS25SD1AAA9A1B2C324GSSA1B2C324RS06GS25SD1AAA9A1B2C325GSSA1B2C325RS06GS25SD1AAA9A1B2C326GSSA1B2C326RS06GS25SD1AAA9A1B2C327GSSA1B2C327RS06GS25SD1AAA9A1B2C328GSSA1B2C328RS06GS25SD1AAA9A1B2C329GSSA1B2C329RS06GS25SD1AAA9A1B2C330GSSA1B2C330RS06GS25SD1AAA9A1B2C331GSSA1B2C331RS06GS25SD1AAA9A1B2C332GSSA1B2C332RS06GS25SD1AAA9A1B2C333GSSA1B2C333RS06GS25SD1AAA9A1B2C334GSSA1B2C334RS06GS25SD1AAA9A1B2C335GSSA1B2C335RS06GS25SD1AAA9A1B2C336RS06GS25SD1AAA9A1B2C337RS06GS25SD1AAA9A1B2C338RS06GS25SD1AAA9A1B2C339RS06GS25SD1AAA9A1B2C340RS06GS25SD1AAA9A1B2C341RS06GS25SD1AAA9A1B2C342RS06GS25SD1AAA9A1B2C343RS06GS25SD1AAA9A1B2C344RS06GS25SD1AAA9A1B2C345RS06GS25SD1AAA9A1B2C346RS06GS25SD1AAA9A1B2C347RS06GS25SD1AAA9A1B2C348RS06GS25SD1AAA9A1B2C349RS06GS25SD1AAA9A1B2C350RS06GS25SD1AAA9A1B2C351RS06GS25SD1AAA9A1B2C352RS06GS25SD1AAA9A1B2C353RS06GS25SD1AAA9A1B2C354RS06GS25SD1AAA9A1B2C355RS06GS25SD1AAA9A1B2C356RS06GS25SD1AAA9A1B2C357RS06GS25SD1AAA9A1B2C358RS06GS25SD1AAA9A1B2C359RSEOT^(928)^(111)^(101)^(129)^(923)^(001)^(111)^(002)^(922)

1. Refer to ADC 1175. [↑](#footnote-ref-1)