

## DATA ITEM DESCRIPTION

**Title: AS BUILT CONFIGURATION LIST– COMMON (ABCL-C)**

**Number: DI-SESS-81830**

**AMSC Number: N9176**

**DTIC Applicable: N/A**

**Office of Primary Responsibility: SH/PEO IWS 3.0**

**Applicable Forms: N/A**

**Approval Date: 20101116**

**Limitation: N/A**

**GIDEP Applicable: N/A**

**Use/relationship:** This Data Item Description (DID) contains the format and content preparation instructions for the data product generated by the specific and discrete task requirement as delineated in the contract.

It is not intended that all the requirements herein should be applied to every program. Portions of this DID are subject to tailoring by deletion depending on the specific status reporting requirements of the project.

### Requirements:

1. Format. As-built configuration list format shall be an electronic comma separated variables (csv). Each text file shall contain 23 columns describing the attributes of each hardware and software configuration item for a single end item.

2. Content. The ABCL-C shall contain all of the information identified in Table 1 of this DID and the following information:

2.1. File Construction.

2.1.1. Columns 1 and 2 shall describe the program and shall be the same for all rows.

2.1.2. Columns 3 through 18 shall describe each reportable item. Rows are repeated for each unique combination of columns 21 through 23.

2.1.3. Columns 19 and 20 shall describe the end item and will be the same for all rows.

2.1.4. Columns 21 through 23 describe messages related to each reportable item. The number of unique messages for an item can range from 0 to 99. The first row of each message contains a message label in column 21, column 22 is blank and column 23 contains the number "1".

2.1.5. Row one shall contain information for the end item (the highest level assembly in the file). Column 10 for this row is always the number "0".

2.2. The report shall identify the end item as the highest level assembly in the deliverable file.

2.2.1 Item shall be identified as a unique reportable individual missile, section, assembly, or component.

2.2.2 NHA shall be identified as the Next Higher Assembly of an item.

2.2.3 Manufacturer shall be identified by indicating the specific vendor that produced the reportable item.

2.2.4 CAGE Code shall be identified as Commercial and Government Entity Code.

2.2.5 CARL shall be identified as the Configuration Accounting Requirements List. A collection of hierarchical configuration structures (indentured drawing trees) for each end item part number produced under the contract. The drawing tree for each end item part number will contain an indentured list of primary and alternate reportable part numbers. Additional configuration data delivery requirements may also be documented.

## DI-SESS-81830

Table 1. Content Definition

<u>Column Number</u>	<u>Column Name</u>	<u>Field Length</u>	<u>Field Content Description</u>
1	Program Id	Char(16)	The abbreviated identifier for the name of the product.
2	Program Name	Char(42)	The name of the product.
3	Indenture Level	Char(2)	The numbered indenture of where the component resides within the reportable hierarchical assembly structure (Drawing tree or CARL).
4	Part Number	Char(26)	The part number of the item, normally the drawing number (with applicable dash suffix)
5	Reference Designator	Char(15)	An abbreviated descriptor for the unit/assembly of the item.
6	Part Description	Char(80)	Nomenclature (description) of the item, normally the drawing title.
7	Part Number Sequence Number	Num(2)	A unique, sequential number for each item starting at zero for the end item and incrementing by one for each additional reportable item.
8	Serial/Lot Type	Char(6)	An identifier that determines the content of the "Serial/Lot Number" (column 9) and the "Lot Number" (column 13) columns. Acceptable values: – SERIAL (column 9 contains Item Serial Number, column 13 blank) – SERLOT (column 9 contains Item Serial Number, column 13 contains Manufacturer Lot Number) – LOT (column 9 contains Manufacturer Lot Number, column 13 blank)
9	Serial/Lot Number	Char(20)	Serial number or lot number as determined by the content of the Serial/Lot Type (column 8) as marked on the physical item.
10	Depot Sequence Number	Char(2)	Identifies sequence number of depot history of the item starting at zero and incrementing by one for each depot release.
11	Customer Serial Number	Char(20)	Customer (Government assigned) serial number (if different than and not provided in column 9) as marked on the physical item..
12	Drawing Revision	Char(4)	Drawing revision of part number used to build the item.
13	Lot Number	Char(20)	Manufacturer Lot number as marked on the physical item (formatted per MIL-STD-1168B).
14	Manufacture Date	Date-time	(MM-DD-YYYY) - Date item was manufactured. Mandatory for life-limited items with date from Block 12 of applicable DD1650 (Ammunition Data Card)
15	Manufacturer Cage Code	Char(5)	CAGE Code of original item manufacturer.
16	Acceptance Date	Date-time	(MM-DD-YYYY HH:MM) - Date the item was certified as complete. (i.e. Signature date of the certificate of conformance.)
17	NHA Part Number	Char(26)	Next Higher Assembly part number of the item.
18	NHA Internal Serial Number	Char(20)	Next Higher Assembly Serial number of the item.
19	End Item Part Number	Char(26)	Part number of the end item (must be exactly the same as the part number on the first row of the file).
20	End Item Internal Serial Number	Char(20)	Serial number of the end item (must be exactly the same as the serial number on the first row of the file).
21	Message Description	Char(20)	Category/type (label) for each message. Describes the category of the message group when column 23 is the number "1". Each row after the first contains a message type. May be blank for an item if there are no messages.
22	Message	Char(80)	Contains information describing the item (e.g. contract information, Waivers/deviations applied, amplification details, or special characteristics of the item). May be blank or more than one per item.
23	Message Sequence Number	Char(2)	Number (starting at one) uniquely identifies each message for an item. May be blank for an item if there are no messages.