

## **DATA ITEM DESCRIPTION (DID)**

**Title: BASELINE DESCRIPTION DOCUMENT (MIL-STD-3046)**

**Number:** DI-SESS-81877

**Approval Date:** 28 February 2013

**AMSC Number:** 9298

**Limitation:** N/A

**DTIC Applicable:** No

**GIDEP Applicable:** No

**Office of Primary Responsibility:** A/ARDEC (AR)

**Applicable Forms:** N/A

**Use/Relationship:** The Baseline Description Document provides identification of the approved documents which define an item's Functional, Allocated, and/or Product Baselines as defined by MIL-STD-3046. The baseline documents will define the item's functional and physical characteristics in the form of specifications, drawings, model based definition, associated lists, interface control documents, and documents referenced therein. The principal use of this identification is to form the basis for configuration control of designated Configuration Items (CIs).

This DID contains the format, content and preparation instructions for the data product resulting from the work task specified in the solicitation.

These descriptions shall be required for contracts requiring configuration control, and shall be formally released in writing at the point in time when the baselines are established. This data will be used by the acquiring activity as the baseline upon which to judge future changes to the equipment/systems. The descriptions shall be updated each time the baselines are changed.

Each document forming a Baseline Description Document shall include the following:

- a. Revision identifier (i.e. date or date/revision code).
- b. Document identifier which uniquely identifies that document.
- c. Identification of controlling authority and change procedures for that document, either contained within the document or by reference to another document such as a Configuration Management Plan.
- d. Storage of the document in an identified master repository.

Preparation of these descriptions shall in no way conflict with or contravene contract requirements specifying delivery of technical data packages and other engineering support data, as delineated in the contract.

This DID is approved for use by the US Army to support the Army interim standard MIL-STD-3046, which will be canceled when a suitable non-government standard is developed or until two years from the date of the standard. When MIL-STD-3046 is canceled, this DID will also be canceled.

**Requirements:**

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1. Format Requirements. Baseline descriptions shall be prepared in accordance with the format and using the available data and information sources shown in Figures I, II or III of this Data Item Description. The listings shall contain the specific data used to describe Configuration Items. A sample format is provided in Figure IV depicting the minimum data elements to be recorded.

2. Content. The descriptions shall include a complete listing of government furnished and contractor developed and furnished documents which are required to totally define and control the baselines. Contractor data described but not required by contract shall be so identified. Data included in the description shall be identified in accordance with the specified contract requirements. If there are no contract requirements, the contractor's identifiers shall be used.

Figures I, II and III summarize the types of hardware and software documents which normally are included in Functional, Allocated, and Product baselines. Other documents may be added by the Government or contractor as delineated in the contract requirements, or as agreed to in data review conferences.

FIGURE I Functional Baseline

FUNCTIONAL BASELINE DESCRIPTION DOCUMENTS

- \* CI/SYSTEM SPECIFICATION
- \* SYSTEM SEGMENT SPECIFICATION
- \* PERFORMANCE DESIGN SPECIFICATION
- \* DEVELOPMENT SPECIFICATION
- \* CONCEPTUAL DESIGN DRAWINGS (PER MIL-STD-31000 CONCEPTUAL LEVEL (1) TDP)
- \*SOFTWARE REQUIREMENTS SPECIFICATION
- \*\*OPERATIONAL CONCEPT DOCUMENT
- \*\*SOFTWARE QUALITY EVALUATION PLAN
- \*\*SOFTWARE DEVELOPMENT PLAN
- \*\*SOFTWARE STANDARDS AND PROCEDURES MANUAL
- \*\*SOFTWARE CM PLAN
- \*\*HARDWARE CM PLAN

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FIGURE II. Allocated Baseline

ALLOCATED BASELINE DESCRIPTION DOCUMENTS

- \* DEVELOPMENT SPECIFICATION
- \* UPDATED CI/SYSTEM SEGMENT SPECIFICATION
- \* PRIME ITEM DEVELOPMENT SPECIFICATION
- \* PRODUCT DESIGN SPECIFICATION
- \* PERFORMANCE DESIGN SPECIFICATION
- \* SOFTWARE REQUIREMENTS SPECIFICATION
- \* INTERFACE REQUIREMENTS SPECIFICATION
- \* CONCEPT DESIGN DRAWINGS
- \* INDENTURED DOCUMENTS LIST

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- \* OPERATIONAL CONCEPT DOCUMENTATION
  - \* SOFTWARE TOP LEVEL DESIGN DOCUMENT
  - \*\* SOFTWARE TEST PLAN
  - \*\* SOFTWARE DETAIL DESIGN DOCUMENT
  - \*\* INTERFACE DESIGN DOCUMENT
  - \*\* DATABASE DESIGN DOCUMENT
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FIGURE III. Product Baseline

PRODUCT BASELINE DESCRIPTION DOCUMENTS

- \* PRODUCT SPECIFICATION
- \* PROCESS SPECIFICATION
- \* MATERIAL SPECIFICATION
- \* PRODUCT DRAWINGS
- \* PRODUCTION LEVEL (3) TDP PER MIL-STD-31000
- \* MODEL BASED DEFINITION (COMPUTER AIDED DESIGN (CAD))
- \* INDENTURED DOCUMENT LIST
- \* SOFTWARE PRODUCT SPECIFICATION
- \*\* FCA/PCA AUDIT MINUTES

NOTES:

- \* Designated Baseline Documents
- \*\* Other Related Documents

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**Figure IV: Sample Format**

**SYSTEM** \_\_\_\_\_ **DATE** \_\_\_\_\_

**BASELINE TYPE** \_\_\_\_\_

LINE NO.	DOCUMENT ID.	ISSUE DATE/REV	DESCRIPTION	CONTROLLING AUTHORITY	COMMENTS

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