

## DATA ITEM DESCRIPTION

**Title:** ENGINEERING CHANGE PROPOSAL SYSTEM SAFETY REPORT (ECPSSR)

**Number:** DI-SAFT-80103C

**Approved Date:** 20150612

**AMSC Number:** F9552

**Limitation:** N/A

**DTIC Applicable:** No

**GIDEP Applicable:** No

**Preparing Activity:** 40 (AFMC/SE)

**Project Number:** SAFT-2015-005

**Applicable Forms:** N/A

**Use/Relationship:** The Engineering Change Proposal System Safety Report (ECPSSR) is used to summarize results of analyses, tests and trade-off studies conducted on proposed engineering design changes throughout the system life cycle.

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

b. This DID is related to DI-SAFT-80101, *System Safety Hazard Analysis Report (SSHAR)*; DI-SAFT-80102, *Safety Assessment Report (SAR)*; DI-SAFT-80104, *Waiver or Deviation System Safety Report (WDSSR)*; DI-SAFT-80105, *System Safety Program Progress Report (SSPPR)*; and DI-SAFT-80106, *Health Hazard Assessment Report (HHAR)*.

(Copies of these DIDs are available online at <http://quicksearch.dla.mil>.)

c. This DID supersedes DI-SAFT-80103B.

### Requirements:

1. Reference documents. The applicable issue of the documents cited herein, including their approval dates and dates of any applicable amendments, notices, and revisions, shall be as specified in the contract.

2. Format. The ECPSSR shall be in the contractor's format.

3. Content. The ECPSSR shall include the following information resulting from a review of each ECP. When it is determined that there are no hazards, a description of the analysis process and factors which allowed this conclusion shall be included.

a. A list, in narrative or tabular form, of all hazards associated with the ECP. This includes all new hazards as well as hazards that were previously identified and were eliminated or controlled, and are affected by this ECP (i.e., their risk has been reduced or increased).

b. A risk assessment of these hazards. This shall include a pre-ECP and post-ECP assessment with severity and probability of occurrence.

c. The safety impact of the ECP upon the existing system.

d. A historical system safety summary as it relates to the ECP and reason for the ECP.

e. An identification of any update(s) of existing hazard analyses required to incorporate the effect(s) of the engineering change if the change is authorized.

End of DI-SAFT-80103C

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