DATA ITEM DESCRIPTION

Form Approved
OMB No. 0704-0188

2. TITLE

COMPUTER SOFTWARE SYSTEM DOCUMENT

1. IDENTIFICATION NUMBER

DI-IPSC-80942

3. DESCRIPTION/PURPOSE

3.1   The Document fully describes the requirements of a Software Program.   The Program is specified in terms of modules, functions of the modules, and subfunctions.

3.2   The Document will be used to record the purpose of a software system and provide a breakdown of program modules and their individual functions.

4. APPROVAL DATE (YYMMDD)	5. OFFICE OF PRIMARY RESPONSIBILITY (OPR)	6a. DTIC APPLICABLE	6b. GIDEP APPLICABLE
900208	A/AMSMC-MA		

7. APPLICATION/INTERRELATIONSHIP

7.1   This 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.

7.2   The document required by this DID will be used by government in-house employees or contractor personnel.

8. APPROVAL LIMITATION	9a. APPLICABLE FORMS	9b. AMSC NUMBER
		A4885

10. PREPARATION INSTRUCTIONS

10.1   <u>General.</u>   The Computer Software System Document shall outline the function(s) of the system and shall break the software down by major component or module.   Each module will be further subdivided into functions, and the subfunctions, and the subfunctions of each function shall be described in this document.

10.2   <u>Format.</u>   Format shall be as outlined below.

10.3   <u>Content.</u>   The document shall cover the following:

10.3.1   <u>Section 1. Introduction.</u>

    a.   <u>Purpose.</u>   Address the purpose and intent of this document.

    b.   <u>Scope.</u>   Describe the scope that is intended by this document.

10.3.2   <u>Section 2. General Description.</u>

    a.   <u>Components.</u>   The functional components which the system supports shall be briefly described.

    b.   <u>Information Transfer.</u>   Outline the types of data transferred between system components.

11. DISTRIBUTION STATEMENT

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Block 10, PREPARATION INSTRUCTIONS (continued)

c. Communication. Outline the methodology of communication between system components.

d. Module Description. Describe each major module of the system.

10.3.3 Section 3. Functional Requirements. The requirements of each of the major modules of the system shall be described in this section. This description shall include all formulae and algorithms use by these modules. Each major module shall be broken down by its subfunctions.

a. Modules. Each module should be covered within one level two header.

b. Each functional area that a module supports will be covered in a level three header. The function supported shall in general be broken down into subfunctional program elements.

c. Each subfunctional program element shall be described in a level four header.