

## DATA ITEM DESCRIPTION

## 1. TITLE

DESIGN DATA AND CALCULATIONS

## 2. IDENTIFICATION NUMBER

DI-GDRQ-80650

## 3. DESCRIPTION/PURPOSE

3.1 This type data consists of graphs, mathematical curves, analysis, tables and empirical data which reflect quantitatively the design and capabilities of the equipment.

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4. APPROVAL DATE  
(YYMMDD)

880718

5. OFFICE OF PRIMARY RESPONSIBILITY  
(OPR)

N/SEA 55Z3

6a. DTIC  
APPLICABLE6b. GIDEP  
APPLICABLE

## 7. APPLICATION/INTERRELATIONSHIP

7.1 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.

7.2 This DID is applicable whenever calculations are required for evaluation and verification of the design capabilities of equipment.

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## 8. APPROVAL LIMITATION

## 9a. APPLICABLE FORMS

## 9b. AMSC NUMBER

N4493

## 10. PREPARATION INSTRUCTIONS

10.1 Format. The Design Data and Calculations shall be in contractor format.

10.2 General content. The Design Data and Calculations shall contain sufficient information to ensure that the contractor has met or exceeded all the requirements of the contract. Data shall include:

- a. Complete narrative
- b. Graphs
- c. Mathematical curves
- d. Tables
- e. Empirical data required to evaluate the equipment as specified in the contract.

10.3 Technical content. Technical content shall be in accordance with the Appendix entitled "Design Data and Calculations Technical Content Requirements" contained in the applicable military specification as stated in the DD Form 1423, Contract Data Requirements List.

## 11. DISTRIBUTION STATEMENT

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

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Block 3, Description/Purpose (Continued)

The purpose of this type data is to enable the Government to verify that equipment being furnished and represented by this type data is in accordance with the requirements of the contract.

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Block 7, Application/Interrelationship (Continued)

7.3 It is applicable to contracts for acquisition of items via a military specification, prepared in accordance with MIL-STD-961, where it is necessary to specify detailed technical content requirements. It should be used in lieu of DI-MISC-80296 for these types of contracts.

7.4 The applicable military specification containing the technical content for the design data and calculations shall be stated in Block 16 of the DD Form 1423, Contract Data Requirements List.