DATA ITEM DESCRIPTION

Form Approved
OMB No. 0704-0188

TITLE	1. IDENTIFICATION NUMBER
RADAR SPECTRUM MANAGEMENT (RSM) CONTROL PLAN	DI-MISC-81114

3. DESCRIPTION/PURPOSE

3.1 The Radar Spectrum Management (RSM) Control Plan describes the overall approach, design procedures and techniques to be used to control the electromagnetic emission and susceptibility characteristics of all new radar equipment and systems operating between 100 MHz and 100 GHz and to promote electromagnetic compatibility (EMC) and to conserve the frequency spectrum available to military radar systems in accordance with MIL-STD-469A.

4. APPROVAL DATE (YYMMDD)	5. OFFICE OF PRIMARY RESPONSIBILITY (OPR)	6a. DTIC REQUIRED	6b. GIDEP REQUIRED
901205	SH		

7. APPLICATION/INTERRELATIONSHIP

7.1 This Data Item Description contains the format and content preparation instructions for data resulting from the work task described by 4.1.4 of MIL-STD-469A.

7.2 The plan provides the guidance necessary to evaluate contractor's design and determine if the radar equipment and systems can meet its contractual radar spectrum management requirements.

7.3 This DID supersedes DI-R-2056 and UDI-R-20009.

8. APPROVAL LIMITATION	9a. APPLICABLE FORMS	9b. AMSC NUMBER
		N5091

PREPARATION INSTRUCTIONS

10.1 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.

10.2 Format. The Control Plan shall be in the contractor's format.

10.3 Content. The Radar Spectrum Management Control Plan shall have an organizational chart showing group and individual responsibility and information flow. It shall detail the steps in quality control and the points of interactions with government inspectors. A (RSM) Control Plan, Test Plan, and Test Report as defined by the specific subcontract shall be prepared. A review board shall be set up to monitor each step of the acquisition to ensure compliance with MIL-STD-469A. The plan shall show milestones and schedules. A description of the radar equipment and systems, its characteristics, and intended installation or platform shall be included.

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11. DISTRIBUTION STATEMENT

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

Block 10. Preparation instructions (Continued)

10.4 Spectrum conservation-general. The Radar Spectrum Management Control Plan shall contain a section on spectrum conservation and shall address to the following:

a. Frequency management
b. Information-bandwidth minimization
c. Power and sensitivity minimization
d. Frequency allocation applications
e. Cabling, grounding and bonding guidelines
f. Shielding and filtering guidelines.

10.5 Spectrum conservation-specific. The plan shall include a section which addresses specific design requirements on spectrum conservation.

a. EMI mechanical design
b. Electrical/electronic wiring design
c. Electrical/electronic circuit design
d. Prediction and analysis
e. Anticipated problems areas