

DATA ITEM DESCRIPTION			Form Approved OMB No. 0704-0188	
2. TITLE System Assessment Report (SAR)		1. IDENTIFICATION NUMBER DI-MGMT-80469A		
3. DESCRIPTION / PURPOSE 3.1 This report provides performance information on the Ground-Based Electro-Optical Deep Space Sensor (GEODSS) system. This information is used to improve system performance.				
4. APPROVAL DATE (YYMMDD) 890323	5. OFFICE OF PRIMARY RESPONSIBILITY (OPR) F/AFSPACECOM-DOJS	6a. DTIC REQUIRED	6b. GIDEP REQUIRED	
7. APPLICATION / INTERRELATIONSHIP 7.1 This Data Item Description 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 Supersedes DI-MGMT-80469.				
8. APPROVAL LIMITATION		9a. APPLICABLE FORMS	9b. AMSC NUMBER F4675	
10. PREPARATION INSTRUCTIONS 10.1 <u>Format and Content.</u> The SAR shall be in two parts and contain the data indicated below. 10.2. PART 1. - SYSTEM RESPONSE: a. <u>Tasking.</u> By site, in columnar format, list the total number of objects tasked by Space Surveillance Center (SSC), number of tracks tasked, number of tracks on which tracking was attempted, number of successful tracks, and number of attempted but unsuccessful tracks identified by specific not acquired codes as used in Deep Space Sensor Tasking Response Report (DSSTRR) reporting. b. <u>Weather.</u> By site, in columnar format, list total number of minutes in the operational period, total number of minutes site was RED due to weather, total number of minutes site was YELLOW due to weather, and total number of objects not attempted due to weather conditions. c. <u>Special Search Response.</u> By site, in columnar format, list total number of special searches (not a part of Precision Positional Measurement/Maneuver Query (PPM/MQ) tasking) conducted and total number of successful search. (Continued on page 2)				
11. DISTRIBUTION STATEMENT DISTRIBUTION STATEMENT A: Approved for public release; distribution is unlimited.				

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10. PREPARATION INSTRUCTIONS (continued):

d. Space Object Identification (SOI) Response. By site, in columnar format, list total number of objects tasked for photometric data and total number of objects SOI signatures were sent on.

e. Narrative Text. By site, explain objects not acquired due to personnel error or software and hardware failures.

10.3. PART 2 - SYSTEM ANALYSIS: This part shall include a narrative of the on-going system analysis to improve system performance by identification of improved operational and maintenance procedures; enhancements for data quality and system utilization; and maintenance statistical data, by site, in columnar format.

a. Availability. By site, operational availability over the reporting period.

b. Tasking Response. By site, narrative columnar format, assessment of sensor's response to Space Surveillance Center/Joint Space Intelligence Center (SSC/JSIC) tasking; i.e., tasking load compared to sensor capabilities.

c. Operational Products. Narrative format, identification of improved operational and maintenance procedures to improve system data quality, equipment availability, and utilization.

d. Software. By site, software outages in columnar format, with a narrative supplement when required.

e. Hardware. By site, statistical data in columnar format, to include Inherent Availability (Ai), Mean Time Between Critical Failures (MTBCF), and hardware outages, with a narrative supplement when required.