

FOS CDR RID Report

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Section N/A

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Figure Table N/A

Category Name Requirements

Actionee ECS

Sub Category

Subject AM-1 Ground Station

Description of Problem or Suggestion:

The detail design has not shown a capability for AM-1 ground station planning/scheduling/commanding or control of a remote facility. Also there is a lack of AM-1 Spacecraft integrated scheduling with the AM-1 backup ground station.

Originator's Recommendation

The prime contractor needs to implement the AM-1 ground station capability into the AM-1 design as discussed in the problem. Also a reference RID HQ-OYS-03 for additional details.

GSFC Response by:

GSFC Response Date

HAIS Response by: A. Miller

HAIS Schedule

HAIS R. E. Scott Carter

HAIS Response Date 11/10/95

The current FOS baseline identifies utilization of TDRSS as the primary contact support station for AM-1. Wallops Flight Facility (WFF), the Deep Space Network (DSN), and the Ground Network (GN) are included in the baseline as contingency/backup stations for AM-1 support. Future changes in the EOS Ground System will require the FOS to obtain contact support from additional ground stations. The FOS is aware of the need for X-band backup ground station support for AM-1, but plans to work the associated requirements as part of the EOSDIS Reshape effort. This will facilitate the development of one solution for both the X-band backup ground station and EOSDIS X/S-band primary ground station interfaces. The ground system architecture largely isolate FOS from changes in SN/ground station support. However, there is still an impact to FOS for changes in SN/ground station support which are beyond the current baseline. The design of the Planning and Scheduling, Command Management or Command subsystems does not preclude migration to utilization of additional ground stations in support of such future requirements.

Status **Closed**

Date Closed **1/17/96**

Sponsor **Johns**

***** Attachment if any *****