

IDR RID Report

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Document Archive Backup/Restore

RID ID	IDR 18
Review	IDR
Originator Ref	
Priority	2

Section

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Figure Table

Category Name Data Server (DSS) Design

Actionee ECS

Sub Category

Subject Inadequate specification of Backup/Restore Operations

Description of Problem or Suggestion:

There appears to be no detailed requirement for backup and restore operation within the ECS system. As a result, the description of classes of data to be backed up, retention times, aging policies, and mean restore time remain vague.

Originator's Recommendation

ECS should rapidly complete relevant trade studies and work with the EOS community to develop a concrete characterization of backup/restore procedures. This should be done sufficiently prior to Release B CDR to allow for adequate review.

GSFC Response by:

GSFC Response Date

HAIS Response by: Huber

HAIS Schedule

HAIS R. E. Huber

HAIS Response Date 1/18/96

ECS did present at IDR-B a preliminary design showing where the backup and restore services are in the design. While the requirement to back up ECS data is clearly in the level 3 requirements, the reviewer is correct that the program must rapidly characterize and identify the precise data to be backed up and the backup/restore procedures. We are addressing this problem in three ways:

The ECS Backup Design Issue Team (DIT) is working this issue by analyzing the cost and benefits of backing up the various levels of the data pyramid. Their report will be made available at least 2 months (time frame correct??) prior to CDR. We are planning to review backup/restore concerns and requirements at the DSS review meeting in late January, 1996 (see IDR RID 5). We are continuing to work with ESDIS on resolving the Release A CDR Project RID #46 (direction as to what data we are required to backup).

Status **Closed**

Date Closed **1/25/96**

Sponsor **Kobler**

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