

Release B CDR RID Report

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Document CDR

RID ID	CDR	72
Review	Release B CDR	
Originator Ref		
Priority	2	

Section

Page

Figure Table

Category Name Data Server (DSS) Design

Actionee ECS

Sub Category

Subject Local Backup Copy should be to a different ATL

Description of Problem or Suggestion:

One common failure mode for archives is for the drive to go bad and start trashing tapes. If the backup copy is in the same ATL as the original, you could trash both copies.

Originator's Recommendation

Provide a means to copy a file to another ATL within DAACs that have more than 1 ATL.

GSFC Response by:

GSFC Response Date

HAIS Response by: Scott Halpine

HAIS Schedule

HAIS R. E. J. Smith

HAIS Response Date 8/5/96

We agree with the RID originator. The potential exists that a drive can start deteriorating and its deterioration may not always be "caught" soon enough by operations personnel to prevent undetected data loss/corruption on original and backup tape media. It should also be stated that the AMASS COTS product currently does not provide the capability to designate a specific drive to use for a specific archive or retrieval operation.

Hence, the design for local backups of archived data has been modified to address and resolve this problem. Very briefly, for those DAACs with multiple ATLs (more than one), local backups will be performed in an ATL which is different than the one used in the original archive of the file. (This insures that the same drive will not be used in the creation of the original and local backup tape media.) Operations personnel will have the responsibility for maintaining a configuration file which specifies which data types are to be backed up, and effectively, which ATLs will be used for creation of the original and local backup tapes. STMGT processes will use information in this configuration file to properly archive and backup designated data files.

Status **Closed**

Date Closed **8/9/96**

Sponsor **Kobler**

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