

PDR RID Report

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Originator Lynnes, Chris
Organization GSFC DAAC
E Mail Address lynnes@daac.gsfc.nasa.gov
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Phone No 301-286-2260

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Review	CSMS	
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Priority	2	

Section NA

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Figure Table SA2-8

Category Name Design-ISS

Actionee HAIS

Sub Category

Subject Include Risk Tradeoffs in Media/WAN Trade

Description of Problem or Suggestion:

The Media/WAN trade study for inter-DAAC transfers included only costs, without considering risks that have no direct cost value. One of the more significant risks for Media transfer is that of scheduling: late arrival of a tape with key data can cause problems for downstream processing. This would be severely exacerbated for tapes that were damaged in transit and needed to be regenerated and re-shipped.

Originator's Recommendation

Include risk trades in future activities (e.g. analysis prior to ECS Release B IDR) to provide a more full picture of the factors in deciding between these two operational concepts.

GSFC Response by:

GSFC Response Date

HAIS Response by: Forman

HAIS Schedule 2/28/95

HAIS R. E.

HAIS Response Date 3/17/95

We agree that the late arrival of a media cartridge at a DAAC can pose a scheduling risk by delaying the down stream processing and product generation. Regeneration and re-shipment of tapes would incur additional delays that can potentially lead to significant scheduling problems. However, the issue whether media or Wide Area Network (WAN) links should be used for transmission of inter-DAAC production data has already been resolved. Based on the analysis presented at the ECS PDR the Project has decided that the inter-DAAC data will be transmitted electronically via the WAN and not via media. Based on this decision we do not currently anticipate revisiting the media/WAN trade study.

Status Closed

Date Closed 4/12/95

Sponsor desJardins

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