

Release B CDR RID Report

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Document

RID ID	CDR	59
Review	Release B CDR	
Originator Ref		
Priority	2	

Section

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Figure Table

Category Name DAAC Operations

Actionee ECS

Sub Category

Subject ECS Stability during AM-1 Version 1 Science Software I&T

Description of Problem or Suggestion:

It is not clear that ECS has adequately addressed impacts on AM-1 SSIT by Release B MO-1 installation at DAACs. Specifically, there is only 9 months between Version 1 and Version 2 Science Software deliveries and any delays in Version 1 testing will seriously impact Version 2 delivery.

Originator's Recommendation

ECS Science Office and M&O need to clearly delineate the schedule and risk avoidance steps required to ensure there is minimal impact on AM-1 Science Software Integration & Test.

GSFC Response by:

GSFC Response Date

HAIS Response by: H. Ausden`

HAIS Schedule

HAIS R. E. R. Billups

HAIS Response Date 6/6/96

Installation and test of the A.1 Release (previously called M&O.1) at the DAACs will be interleaved with AM-1 Science Software Integration And Test. The process for coordinating the plan with the DAACs and Instrument Teams is as follows:

- 1) Define the work activities involved in transitioning from A to A.1, together with an initial overview schedule for each site. The results of this step will be published in the transition technical paper (420-TP-010-003) at the end of June 96.
- 2) Request the DAACs and ITs to review, comment, and agree/disagree with the proposal in the technical paper.
- 3) Work individually and collectively with the DAACs and ITs to reach agreement, via telecons, e-mail, and site visits. This activity is already in progress - for example Langley have provided us with a statement of their SSI&T needs.
- 4) Site schedules will be made available on EDHS as they evolve, and published in each release of the transition technical paper.

The contention for the system between the A.1 deployment activity and the Version 1 SSI&T activity can be reduced by taking advantage of the Release B hardware, which will be in place at the Release A DAACs by the time A.1 arrives. The new hardware, together with the existing Release A hardware, can be configured into largely separate strings, so that SSI&T can work in a stable environment unaffected by the A.1 activity. The two activities may contend for the Data Server, but this can be mitigated by pre-staging data, i.e. by pulling files needed to support a test from the Data Server ahead of time.

Status **Closed**

Date Closed **7/10/96**

Sponsor **Hunolt**

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