

FOS CDR RID Report

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Document CDR

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Section NA

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Figure Table NA

Category Name Planning & Scheduling Design

Actionee ECS

Sub Category

Subject Logging of Removal of Scheduled Activities

Description of Problem or Suggestion:

The design pertaining to removal of scheduled activities (and subsequent placement in the Activity Recycler) does not appear to generate the level of log messages needed for operations, particularly at shift handover.

Originator's Recommendation

The removal of activities from a schedule (resulting in adding of the "unscheduled" activity to the Activity Recycler) needs to generate a log entry and/or an event with sufficient data to identify both the specific activity and the (instrument) schedule from whence the activity was removed. Such identification is needed to quickly and easily alert FOT personnel at shift handover (and the IOT) that an activity was removed from a schedule AND to provide enough information that this event can be located and investigated in more detail, as needed.

GSFC Response by:

GSFC Response Date

HAIS Response by: Bill Moore

HAIS Schedule

HAIS R. E. Scott Carter

HAIS Response Date 11/3/95

All modifications to the Master schedule are logged to data management. An IPC message is sent from the Activity Scheduler to DMS. The event logger allows users to filter messages by Event Type (Planning & Scheduling) and by Subsystem (CERES, ASTER, etc). For example, all ASTER Planning & Scheduling messages could be viewed. The messages will be sorted according to the time they occurred. The messages contain the resource, activity name, date & time and whether the activity was added, removed or rescheduled.

A side issue is that all activities scheduled relative to orbital events will be rescheduled every night when new FDF orbit data is ingested. All schedule changes as a result of new FDF data will belong to the FDF subsystem so they can be filtered from the display.

In addition to the event messaging service, the Planning and Scheduling Activity Recycler is being modified to include the display of activities that are scheduled as well as unscheduled. An additional filter is being added that will allow users to display activities according to their modification time.

Status **Closed**

Date Closed **11/30/95**

Sponsor **Johns**

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