

# PDR RID Report

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**Section** MSS

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**Figure Table**

**Category Name** System-level **Actionee** HAIS  
**Sub Category** Scheduling  
**Subject** Joint Management of shared resources

## **Description of Problem or Suggestion:**

ECS needs a more automated approach to the joint control/management of resources shard between CSMS and SDPS. Current approach apparently relies on co-location of hardware and application M&O staff. Given the distinct and large bodies of knowledge needed to manage these resources, it is doubtful that a unified team will perform these tasks.

## **Originator's Recommendation**

Examine techniques for automating joint control/management of shared resources. For example, a product generation management staff might be able to specify what resources they will use and rely on the system to ensure that hardware management staff may not violate these allocations.

## **GSFC Response by:**

**GSFC Response Date**

**HAIS Response by:** Forman

**HAIS Schedule** 2/10/95

**HAIS R. E.** Forman

**HAIS Response Date** 2/28/95

Concur. An automated approach for the control/management of resources shared between CSMS and SDPS is being prusued.

CSMS performs Resource Management/Scheduling within the overall framework of Production Scheduling, which is performed by SDPS. Resource Management/Scheduling involves the generation of proposed Resource Availability Schedules which are provided as input for inclusion into candidate plans/schedules for Production Processing. Ground events, for which hardware resources need to be scheduled, and production processing are scheduled together by a single set of activities. From a software perspective, specific privileges are required to re-allocate or re-configure resources allocated to real-time processing. Policies and procedures must be relied upon to prevent hardware maintenance personnel from physical modification to allocations or configurations.

**Status** **Closed**

**Date Closed** **3/14/95**

**Sponsor** **Daly**

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