

PDR RID Report

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Priority 2

Section NA **Page** NA **Figure Table** NA

Category Name Requirements **Actionee** HAIS
Sub Category
Subject IST "Hooks" for Ops Automation

Description of Problem or Suggestion:

For many of the instruments and certainly for AIRS, there are no plans for round-the-clock staffing at the IST. Consequently, there is a great need for the flexibility to automate operations procedures to keep operational costs as low as possible. The proposed IST seems to lack some basic hooks which are needed to use it as an effective operational building block in this task. Specifically, there appears to be no plan to give the IST the capability to begin other automation scripts or programs by passing a command out to the unix shell. (This is described in detail in a RID I provided on paper at the PDR [rad-fospdr-001].) Also, there is no capability for the IST to perform tasks routinely in an autonomous manner like the "standing order" capability that the EOC has. This could possibly be worked around using the unix "crontab" or "at" facilities, but that does not appear to be possible either at the moment since it would require the IST to be brought up with a single unix command, such as "ist < automation_script". The precise implementation of this capability is a design issue, of course.

Originator's Recommendation

I would recommend that the above capabilities be added to the requirements of the IST. These "hooks" are needed to automate regular report and analysis tasks of instrument operations.

GSFC Response by:

GSFC Response Date

HAIS Response by: D. Herring

HAIS Schedule 1/13/95

HAIS R. E. J. Creegan

HAIS Response Date 1/13/95

ISTs will be able to begin other automation scripts or programs by passing a command out to the unix shell (please see response to RID 17). ISTs do have a standing order capability. This is in the requirements document (section 9.1.9.3) and the preliminary design document (section 8.1.2.22). Details of standing order implementation for ISTs will be presented at CDR.

Status Closed **Date Closed** 2/1/95 **Sponsor** Johns

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