

# PDR RID Report

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Document L4 Requirements

RID ID	PDR	504
Review	SDPS	
Originator Ref		NA
Priority	2	

Section 4.4.1.14

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Figure Table NA

Category Name Design-Data Server

Actionee HAIS

Sub Category

Subject (Instrument) Calibration Data

## Description of Problem or Suggestion:

With respect to #S-DSS-03010 and S-DSS-03020 and #S-DSS-03110 and S-DSS-03120, what is the difference between "calibration data" and "instrument calibration data". What calibration data is there other than instrument data, either collected in space or on the ground?

## Originator's Recommendation

Rewrite the requirements either to show that there is a difference, or to eliminate the confusing terms.

## GSFC Response by:

GSFC Response Date

HAIS Response by: Eisenstein

HAIS Schedule

HAIS R. E. T. Smith

HAIS Response Date 6/12/95

The referenced instrument calibration L4 requirements, S-DSS-03010, S-DSS-03020, S-DSS-03110 and S-DSS-03120 trace to the following L3 requirements DADS-0140, DADS-0145, DADS-0170, DADS-0190, DADS-0200, and DADS-0220. The first five L3 requirements reference "calibration data", while DADS-0220 specifically references "instrument calibration data".

Data requirements on the ECS program are evolving as instrument teams and other data producers define and refine their requirements. Calibration data may come down in the L0 packets and be processed within PGEs and results are passed through the software and stored in 1a/1b type products. There are also often static calibration files sitting alongside the PGEs containing coefficients (often derived from 'instrument calibration' work). These files are really part of the PGE suite; and can also be described as ancillary data.

In conclusion - these two types of files are probably very different - their uses are similar to those of correlative (instrument calibration) and ancillary (calibration); and should be kept apart. The L3 requirements also indicate there is a potential difference between types of calibration data. The L4 requirements were derived from the existing L3s. A change to the L4 requirements may necessitate a change to L3 requirements if the L3 intent is lost. We recommend the requirement remains as is until the full scope of calibration data is understood.

Status **Closed**

Date Closed **7/6/95**

Sponsor **Kobler**

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