

EB11

August 7, 1989

NOTE TO: EB21/Mr. Garrett

SUBJECT: Lightning Imaging Sensor (LIS)

This note is to update and clarify support to the subject project to be provided by the Electrical Division:

- 1) Electrical Power Branch (EB12) will design a power supply to convert the available 28 volt power to the ± 15 volts required. Specific requirements relative to voltages, isolation, board geometry, etc., are to be supplied by the EB21 LIS responsible engineer to EB12.
- 2) Electrical/Electronics Parts Branch (EB13) will establish the EEE parts quality requirements and will support electronic circuit designers in all three divisions in identifying and selecting the proper parts for their design.
- 3) Electrical Integration Branch (EB14) will work the integration of the LIS into the flight payload (polar orbiter, etc.) when and if MSFC has that integration responsibility. However, EB14 will have no responsibility in the development of the sensor per se or in the development flights of the LIS brassboards.

The significant change to the plan discussed by Ed Weaver in the lab review this morning is that EB13 would not develop an SOW and EEE Parts Procurement Contract since a parts procurement contractor in support of Test Lab is already on board.

If further clarification or discussion is needed, give me a call.

ORIGINAL SIGNED BY: BY

J. L. Miller
Chief
Electrical Division

cc:

EB01/Chubb
EB21/Atherton
EB12/Lanier
EB13/Martin
EB14/Crowell