MIT/II PROGRAM CHANGE ROUTING SLIP

ANOMALY # L-18-02

REISSUE 10/24/69

A. Coding

☐ Begin coding immediately

☐ Do not code until new GSOP material has been approved by the MIT Mission Design Review Board (MDRB) and distributed.

B. GSOP Preparation

☐ Prepare GSOP revisions for MDRB consideration

☐ Technical Committee Meeting not required.

☐ Technical Committee Meeting(s) held on Attendees:

C. KSC Testing and Checkout

☐ Review for possible impact on KSC testing and checkout

D. Other Programs Affected

☐ Review for corresponding changes in

Special Instructions

MIT was directed at the 5CB field on 10/9/69 not to fix the anomaly in LUMINARY 1C.

P. RYE

ANALYSIS

MIT Approved PCN

☐ NASA Approved PCR

☐ NASA Approved Software Anomaly

☐ MIT Approved

Software Anomaly

ACTIONS:

Program Supervisor's Approval:

P. VOUTH

PROJECT MANAGER:

Date 10-24-69
R29 will not achieve RR lockon.

1.6 DESCRIPTION OF RUN:
Nominal ascent.

- MIT ANALYSIS -

CAUSE:
Incorrect computation of shaft commands by R29.

ECOGNITION:
None.

MISSION EFFECT:
R29 cannot be used.

AVOIDANCE PROCEDURE:
Bypass R29 by having the RR mode switch not in the LGC position during ascent.

RECOVERY PROCEDURE:
None.

PROGRAM CORRECTION:
Fix coding.

RECOMMENDED DISPOSITION (fix, work-around, etc.):
Work-around for LUMINARY 1B; fix in LUMINARY 1C.

RECOMMENDED RE-TESTING:
Ascent with R29.

3.1 NASA DIRECTION:
MIT was directed not to fix this anomaly.

3.2 NASA/MSC SIGNATURE:
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