

MIT PROGRAM CHANGE ROUTING SLIP

P. RYE

PCR/PCN # _____

ANOMALY # L-1B-05

- COLOSSUS 2C
- COLOSSUS 2D
- COLOSSUS 3
- COLOSSUS _____

- LUMINARY 1B
- LUMINARY 1C
- LUMINARY _____

MIT Approved PCN

NASA Approved PCR

NASA Approved Software Anomaly

NASA Approved PCN

MIT Approved Software Anomaly

A. Coding

Begin coding immediately

Bruno M. Coz

ACTION: _____

Program Supervisor's Approval: Manuel Hernandez

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

ACTION: _____

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

ACTION: _____

D. Other Programs Affected

Review for corresponding changes in _____

ACTION: _____

Special Instructions

Project Manager Russ Leonard

Date 9-30-69

MIT/IL SOFTWARE ANOMALY REPORT

MSC REPORT NO. L-1B-05
PROGRAM LUMINARY 1B
PROGRAM REVISION 116

1.1 ORIGINATOR: B. McCOY	1.2 ORGANIZATION: MIT/IL	1.3 DATE: 9/30/69	1.4 ORIGINATOR CONTROL NO.
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1.5 DESCRIPTION OF ANOMALY:

For R60 maneuvers the mode II attitude errors are placed on the FDAI needles before the desired attitude is computed.

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1.6 DESCRIPTION OF RUN:

GAEC run of P40.

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- MIT ANALYSIS -

2.1 CAUSE:

See 1.5

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2.2 RECOGNITION:

Eyeball.

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2.3 MISSION EFFECT:

It may cause the needles to show a momentary erroneous desired attitude.

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2.4 AVOIDANCE PROCEDURE:

None

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2.5 RECOVERY PROCEDURE:

None

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2.6 PROGRAM CORRECTION:

Change placement of coding to after VECPOINT call.

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2.7 RECOMMENDED DISPOSITION (Fix, Work-around, etc):

Fix for 1C.

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2.8 RECOMMENDED RE-TESTING:

Any run with R60.

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2.9 MIT/IL SIGNATURE: <i>[Signature]</i>	2.10 DATE: 9-30-69
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3.1 NASA DIRECTION:

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4.1 CLOSING ACTION TAKEN:

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3.2 NASA/IL SIGNATURE:	3.3 ORGANIZATION:	3.4 DATE:	4.2 SIGNATURE:	4.3 ORGANIZATION:	4.4 DATE:
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