

R. LARSON

MIT/IL PROGRAM CHANGE ROUTING SLIP

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

Bruce McCoy

ACTION: _____

Program Supervisor's Approval: Margaret Herndon

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 R. Larson
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.
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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			2.10 DATE: 9-30-69
3.1 NASA DIRECTION:			4.1 CLOSING ACTION TAKEN:
CONTINUED ON PAGE			CONTINUED ON PAGE
3.2 NAS/MSC SIGNATURE:	3.3 ORGANIZATION	3.4 DATE:	4.2 SIGNATURE:
			4.3 ORGANIZATION:
			4.4 DATE: