

MIT/IL PROGRAM CHANGE ROUTING SLIP

PCR/PCN # _____

ANOMALY # L-18-11

- COLOSSUS 2C
- COLOSSUS 2D
- COLOSSUS 2E
- COLOSSUS 2F

- LUMINARY 1B
- LUMINARY 1C
- LUMINARY 1D
- LUMINARY 1E

MIT Approved PCN

NASA Approved PCR

NASA Approved Software Anomaly

NASA Approved PCN

MIT Approved Software Anomaly

A. Coding

Begin coding immediately

Bruce Mc Coy

ACTION: _____

Program Supervisor's Approval: Margaret Hamelton

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 Russell H. Larson

Date 10-31-69

MIT/IL SOFTWARE ANOMALY REPORT

1.1 ORIGINATOR: B. McCOY		1.2 ORGANIZATION: MIT/IL		1.3 DATE: 10/31/69		1.4 ORIGINATOR CONTROL NO.		MSC REPORT NO. L-1B-11 PROGRAM LUMINARY1B PROGRAM REVISION 116		
1.5 DESCRIPTION OF ANOMALY: Terminal mass error of ~ 250 lbs. in descent and 50 lbs. in ascent exist due to inaccurate mass computation in SERVER.										
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1.6 DESCRIPTION OF RUN: TRW software verification anomaly report #A-200-H-01.										
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- MIT ANALYSIS -										
2.1 CAUSE: See 1.6.										
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2.2 RECOGNITION: See 1.6.										
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2.3 MISSION EFFECT: None										
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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: Four instructions: EXTEND, MP, EXTEND, DV.										
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2.7 RECOMMENDED DISPOSITION (Fix, Work-around, etc): Due to time constraint do not fix for 1B or 1C. Fix for LUMINARY 1D.										
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2.8 RECOMMENDED RE-TESTING: Ascent and landing on digital simulator.					2.9 MIT/IL SIGNATURE: <i>Russell H. Larson</i>			2.10 DATE: 10-31		
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3.1 NASA DIRECTION:					4.1 CLOSING ACTION TAKEN:					
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3.2 NASA/MSC SIGNATURE:		3.3 ORGANIZATION		3.4 DATE:		4.2 SIGNATURE:		4.3 ORGANIZATION:		4.4 DATE: