

MIT/IL PROGRAM CHANGE ROUTING SLIP

PCR/PCN # _____
ANOMALY # LN490

- COLOSSUS 1A
- COLOSSUS 2
- COLOSSUS 2A
- COLOSSUS

- LUMINARY 1
- LUMINARY 1A
- LUMINARY 1B

MIT Approved PCN

NASA Approved PCR
 NASA Approved PCN

NASA Approved Software Anomaly
 MIT Approved Software Anomaly

A. Coding

Begin coding immediately

ACTION: Don Egan

Program Supervisor: 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 D.W. Cherry RWS

Date 8/5/69

MIT/IL SOFTWARE ANOMALY REPORT

1.1 ORIGINATOR: R. Covelli/P. Weissman		1.2 ORGANIZATION: MIT/IL		1.3 DATE: 7/15/69		1.4 ORIGINATOR CONTROL NO.		MIC REPORT NO. LNY 90		
1.5 DESCRIPTION OF ANOMALY: If an engine fail occurs in P63 between TIG and throttle up, the flashing V97N63 display will be overwritten by the static V06N63 display. The V97 display comes up once per second, while the V06 display comes up once per two seconds; so that a response to the V97 display can be lost.								PROGRAM Luminary PROGRAM REVISION 99		
1.6 DESCRIPTION OF RUN: Inspect coding								CONTINUED ON PAGE		
- MIT ANALYSIS -										
2.1 CAUSE: Coding error								CONTINUED ON PAGE		
2.2 RECOGNITION: V97N63 and V06N63 displays replacing one another. A response to the flashing V97 may be ignored.								CONTINUED ON PAGE		
2.3 MISSION EFFECT: Longer time required to respond to V97 in P63								CONTINUED ON PAGE		
2.4 AVOIDANCE PROCEDURE: None								CONTINUED ON PAGE		
2.5 RECOVERY PROCEDURE: Respond to V97 again, as often as necessary.								CONTINUED ON PAGE		
2.6 PROGRAM CORRECTION: Fix code.								CONTINUED ON PAGE		
2.7 RECOMMENDED DISPOSITION (Fix, Work-around, etc): Fix in LUM 1 B								CONTINUED ON PAGE		
2.8 RECOMMENDED RE-TESTING: Engine fail in P63								CONTINUED ON PAGE		
						2.9 MIT/IL SIGNATURE: <i>George W. Cherry</i>		2.10 DATE: 8/5/69		
3.1 NASA DIRECTION:						4.1 CLOSING ACTION TAKEN:				
CONTINUED ON PAGE						CONTINUED ON PAGE				
3.2 NASA/MSC SIGNATURE:		3.3 ORGANIZATION		3.4 DATE:		4.2 SIGNATURE:		4.3 ORGANIZATION:		4.4 DATE: