

MIT/LL PROGRAM CHANGE ROUTING SLIP

PCR/PCN # _____
ANOMALY # LN491

- 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: Peter Volante

Program Supervisor: Margaret Hamilton

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 G. W. Cherry KWG
Date 8/5/69

MIT/IL SOFTWARE ANOMALY REPORT

MIT REPORT NO. LNy 91
PROGRAM Luminary
PROGRAM REVISION ALL

1.1 ORIGINATOR: R. Gilbert	1.2 ORGANIZATION: MIT/IL	1.3 DATE: 31 July	1.4 ORIGINATOR CONTROL NO.
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5 DESCRIPTION OF ANOMALY:

CDU Fail program alarm is given in P20 when it is not an alarm condition - during a RR CDU zero.

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1.6 DESCRIPTION OF RUN:

P20 lock-on manually - switch to LGC and receive program alarm 515.

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- MIT ANALYSIS -

2.1 CAUSE:

T4RUPT checks for CDU Fail bit 1 Channel 30, which could occur & indeed does during a RR CDU zero.

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2.2 RECOGNITION:

see 1.6

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2.3 MISSION EFFECT:

Crew has to key V5N9E to see what alarm is - an inconvenience.

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2.4 AVOIDANCE PROCEDURE:

Do not lock on manually.

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2.5 RECOVERY PROCEDURE:

V5N9E, ERROR RESET

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2.6 PROGRAM CORRECTION:

Check for no CDU zero bit before turning on prog alarm.

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

Fix for 1B

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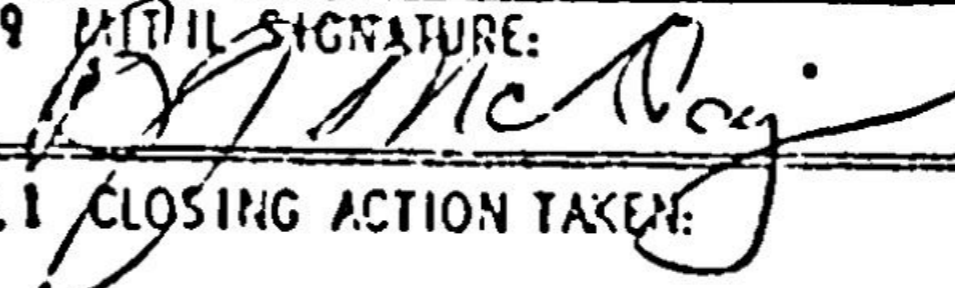
2.8 RECOMMENDED RE-TESTING:

System Test Lab

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3.1 NASA DIRECTION:

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2.9 MIT/IL SIGNATURE: 	2.10 DATE: 10 Aug 1969
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4.1 CLOSING ACTION TAKEN:

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