

MIT/IL PROGRAM CHANGE CHANGE ROUTING SLIP

PCR/PCN # \_\_\_\_\_

ANOMALY # 03-711

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

- LUMINARY 1
- LUMINARY 1A
- LUMINARY \_\_\_\_\_

*[Handwritten scribble]*

MIT Approved PCN

NASA Approved PCR

NASA Approved PCN

NASA Approved Software Anomaly

MIT Approved Software Anomaly

A. Coding

Begin coding immediately

ACTION: Bill Byrne  
[Signature]

Program Supervisor: [Signature]

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: [Signatures]

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: [Signature]

Special Instructions

Project Manager [Signature]  
Date 5/30/69

# MIT/IL SOFTWARE ANOMALY REPORT

MIT REPORT NO. <b>COM 14</b>
PROGRAM <b>COLOSSUS-2&amp;2A</b>
PROGRAM REVISION <b>Rev. 45 &amp; 55</b>

1.1 ORIGINATOR: <b>A. Engel</b>	1.2 ORGANIZATION: <b>MIT/IL</b>	1.3 DATE: <b>5/15/69</b>	1.4 ORIGINATOR CONTROL NO.
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5 DESCRIPTION OF ANOMALY:

Only the first and final P17 displays exit properly on V34 response; intermediate displays (V06N72, V06N58) merely recycle the display, in violation of basic groundrules

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1.6 DESCRIPTION OF RUN:

eyeball, program note

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- MIT ANALYSIS -

2.1 CAUSE:

design error

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2.2 RECOGNITION:

P17 does not terminate (V34E) at intermediate displays

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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:

proceed through to final display, or V37 exit

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2.6 PROGRAM CORRECTION:

Let V34E terminate the program activity

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

fix for 2C; program note for earlier revisions

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2.8 RECOMMENDED RE-TESTING:

special unit and level III tests; selected level IV reruns

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3.1 NASA DIRECTION:	2.9 MIT/IL SIGNATURE: <i>[Signature]</i> 2.10 DATE: <i>5/15/69</i>  4.1 CLOSING ACTION TAKEN: <i>Fix for 2C (July 15, 1969)</i>
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3.2 NASA/MSO SIGNATURE:	3.3 ORGANIZATION:	3.4 DATE:	4.2 SIGNATURE:	4.3 ORGANIZATION:	4.4 DATE:
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