

T/DL PROGRAM CHANGE ROUTING SLIP

PCR/PCN # SL025

ANOMALY # _____

ADR # _____

COLOSSUS 3

LUMINARY 1E

COLOSSUS _____

LUMINARY _____

SKYLARK _____

MIT Approved PCN

NASA Approved PCR

NASA Approved Software Anomaly

MIT Approved ADR

NASA Approved PCN

MIT Approved Software Anomaly

A. Coding

Begin coding immediately

Tom Boden

ACTION: _____

Program Supervisor's Approval: Margaret Havelin

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

J. KLAWNSNIK/E. OLSSON

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 Stephen L. Coffey

Date 1/28/71

APOLLO SPACECRAFT SOFTWARE CONFIGURATION CONTROL BOARD
PROGRAM CHANGE REQUEST

NUMBER (Completed by FSB)

SL025

1.0 COMPLETED BY ORIGINATOR

1.1 ORIGINATOR B. F. Cockrell	DATE 2/26/70	1.2 ORGANIZATION MPAD/MPB	APPROVAL R.O. Nobile	DATE 3/2/70
----------------------------------	-----------------	------------------------------	-------------------------	----------------

1.3 EFFECTIVITY AAP CMC Program	1.4 TITLE OF CHANGE Extended Range Capability
------------------------------------	--

1.5 REASON(S) FOR CHANGE

- (1) Current VHF range limits are 327.67 n.mi.
- (2) It is desirable to extend range capability for AAP

1.6 DESCRIPTION OF CHANGE

Make software modifications necessary to extend range capability past 327.67 by testing for ranges > 327.67 and moding range data + base of 327.67.

2.0 SOFTWARE CONTROL BOARD OR FLIGHT SOFTWARE BRANCH
DECISION FOR VISIBILITY IMPACT ESTIMATE BY MIT

2.1 <input type="checkbox"/> APPROVED - <input type="checkbox"/> DISAPPROVED	2.2 REMARKS:
2.3 SOFTWARE CONTROL BOARD OR FLIGHT SOFTWARE BRANCH SIGN OFF	
DATE	

3.0 MIT VISIBILITY IMPACT EVALUATION:

3.1 SCHEDULE IMPACT	3.2 IMPACT OF PROVIDING DETAILED EVALUATION
3.3 STORAGE IMPACT	3.4 REMARKS:
3.5 MIT COORDINATOR	
DATE	

4.0 SOFTWARE CONTROL BOARD ACTION

4.1 <input checked="" type="checkbox"/> IMPLEMENT AND PROVIDE DETAILED CHANGE EVAL. <input type="checkbox"/> PROVIDE DETAILED CHANGE EVALUATION <input type="checkbox"/> DIS-APPROVED	4.2 REMARKS ① Assure that hardware is compatible (i.e. this should be only a software change) ② The extended range logic shall be engaged automatically.
4.3 SOFTWARE CONTROL BOARD SIGN OFF <i>[Signature]</i>	
DATE	

5.0 MIT DETAILED PROGRAM CHANGE EVALUATION

5.1 MIT COORDINATOR	5.2 MIT EVALUATION
DATE	

6.0 SOFTWARE CONTROL BOARD DECISION ON MIT DETAILED PROGRAM CHANGE EVALUATION

6.1 <input type="checkbox"/> START OR CONTINUE IMPLEMENTATION <input type="checkbox"/> DISAPPROVED OR STOP IMPLEMENTATION	6.2 REMARKS:
6.3 SOFTWARE CONTROL BOARD SIGN OFF	
DATE	