

APOLLO SPACECRAFT SOFTWARE CONFIGURATION CONTROL BOARD PROGRAM CHANGE REQUEST				NUMBER (Completed by FSB) 814 (Rev.)	
1.0 COMPLETED BY ORIGINATOR					
1.1 ORIGINATOR M. HAMILTON/ G. CHERRY		DATE 6/3/69	1.2 ORGANIZATION MIT/IL	APPROVAL <i>George W. Cherry</i>	DATE 6/13/69
1.3 EFFECTIVITY LUMINARY 1B			1.4 TITLE OF CHANGE Reduce Keystrokes Required to Check and Approve LR Data		
1.5 REASON(S) FOR CHANGE Astronaut Aldrin pointed out during G crew training that 18 keystrokes were required to compare the LR altitude with the LGC altitude, approve the LR data incorporation, and then observe the effect of the...					
1.6 DESCRIPTION OF CHANGE Our suggestion is to make Verb 57 an extended verb which starts the display of Noun 68. See the attached flowgraph for details. (page 3)					
2.0 SOFTWARE CONTROL BOARD OR FLIGHT SOFTWARE BRANCH DECISION FOR VISIBILITY IMPACT ESTIMATE BY MIT					
2.1 ☐ APPROVED ☐ 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 <i>G. W. Cherry</i>			This was pending until we discovered a way to show the astronaut a definite indication that his PROCEED was recognized. 1.6 shows such a mechanization		
DATE 6/13/69					
4.0 SOFTWARE CONTROL BOARD ACTION					
4.1 ☐ IMPLEMENT AND PROVIDE DETAILED CHANGE EVAL. ☐ PROVIDE DETAILED CHANGE EVALUATION ☐ DIS-APPROVED			4.2 REMARKS		
4.3 SOFTWARE CONTROL BOARD SIGN OFF					
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 ☐ START OR CONTINUE IMPLEMENTATION ☐ DISAPPROVED OR STOP IMPLEMENTATION			6.2 REMARKS:		
6.3 SOFTWARE CONTROL BOARD SIGN OFF					
DATE					

APOLLO SPACECRAFT SOFTWARE CONFIGURATION CONTROL BOARD DATA AMPLIFICATION SHEET

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PROGRAM CHANGE REQUEST NO.

PREPARED BY

DATE

ORGANIZATION

814 (Rev.)

M. HAMILTON/G. CHERRY

6/3/69

MIT/IL

CONTINUATION SECTION: (Refer to Block Number and Title on Program Change Request form.)

1.5 Reason(s) for Change:

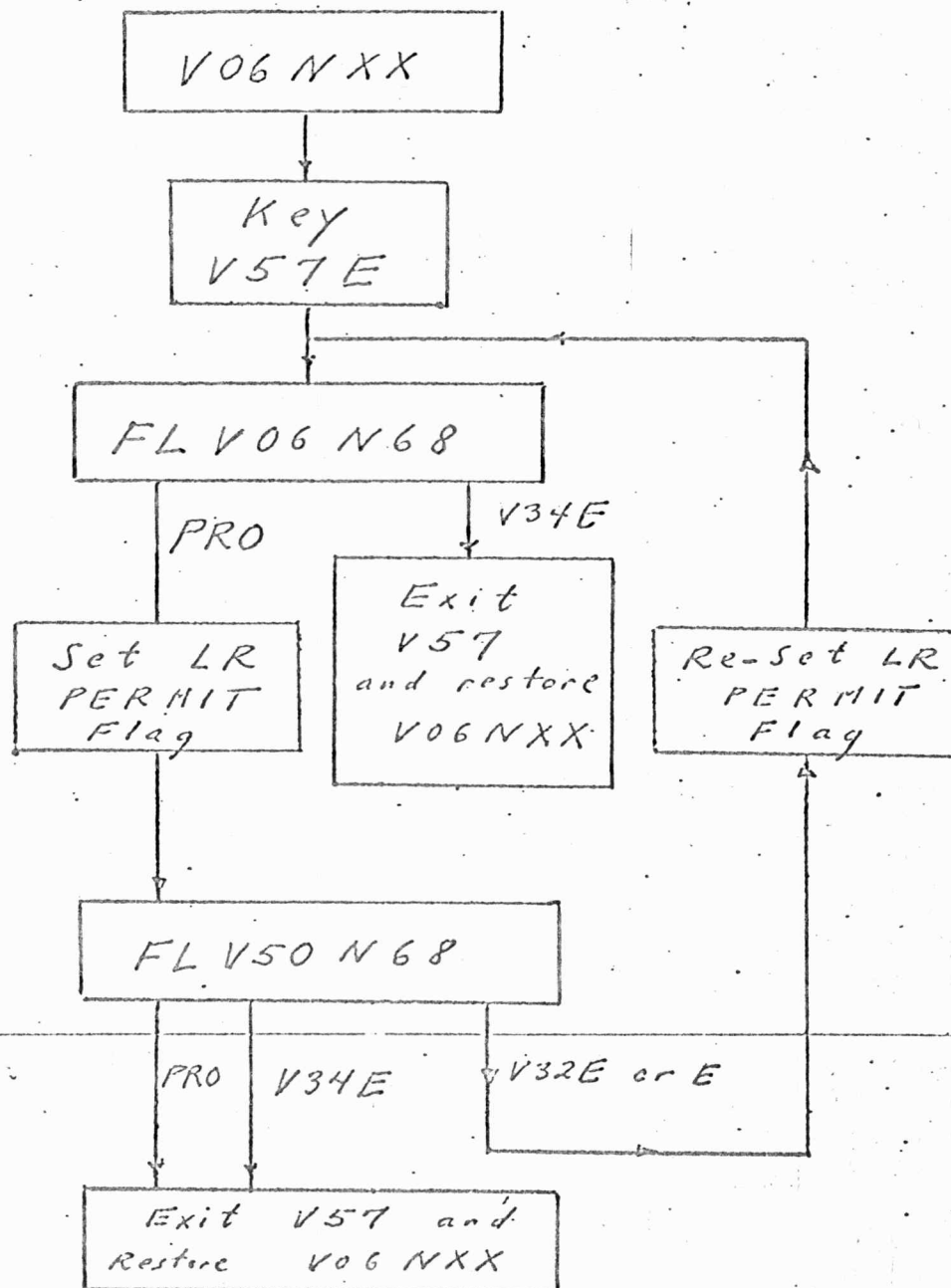
incorporation. He wondered if we could reduce the number of keystrokes involved. Presently the program requires

Normal Display	V06 N63
key	V16 N68 E
key	V57 E
key	V16 N68 E
press	key release
Normal Display	V06 N63

REMARKS:

This mechanization may save up to 5% LGC computation time over the present mechanization which uses the monitor verb V16 N68.

1.6 —



Keystroke Saving Extended Verbs