	אין איז			Page 1 of 2
ÁPOLLO SPACECR	AFT SOFTWARE PROGRAM CHA	CONFIGURATION	CONTROL BOARD	UMBER (Completed by FSB) 848
	1.0	COMPLETED BY ORI	GINATOR	
1.1 ORIGINATOR	DATE	1.2 ORGANIZATION	APPROVAL	отоплинистративности и политиралистранис
D. EYLES	7/22/69	MIT/IL	George W. Cher	ry 7-23-69
	ņ	1.4 111	LE OF CHANGE	
L'UMIN	IARY 1B	Pret	vent RR ECDUs from	n Stealing LGC
5 REASON(S) FOR CHANGE	***************************************	unresolation and annual second TALGTT		an ann an an an ann an an an an an an an
See attached Da	ta Amplificatio	n Sheet.		
6 DESCRIPTION OF CHANG	na november of the second s E	an a	Charannes construction and an activity and an anticipation of the construction of th	ner manne kanne sakan carakan di kecempanya yang dari manakan manakan dari kan kana kan kan kan kan kan kan ka
See attached Da	ta Amplificatio	n Sheet.		
2	.O SOFTWARE CON DECISION FOR	TROL BOARD OR FL VISIBILITY INPA	IGHT SOFTWARE BRANCH	
APPROVED	DISAPPROVED	2.2 REMARKS:		n de la recentra de la construction
3 SOFTWARE CONTROL BOAT	RD OR FLIGHT SOFTWAR	eft Galancena, augu		
BRANCH SIGN OFF				
DATE		נוביטייניווא איז איז איז איז איז איז איז איז איז אי		
O MIT VISIBILITY IMPAC	T EVALUATION:			
: SCHEDULE IMPACT	ante anna antar anna a fhe martainn da pharanan anna anna anna anna	13.2 IMPA	SCT OF PROVIDING DETAILED F	and a straightern and approved one for the second state of the sec
0			Ser of TROTTOTING DETAILED E	VALUATION -
3 STORAGE IMPACT		3.4 REMARKS:		พระสมสารและเป็นของเป็นสารเหมาะเหมาะของสารสารสารเหมายรับได้ราม และเพลงรายเราก
5 MIT COORDINATOR	In Cl. 5	App.	roved by T.	Price
George M. C	Cherry,	and	T. Gibson on	7-22-69
DATE	and the second	ANIMARITALILLAN)		
		Constant of the second s		
	4.0 SOF1	WARE CONTROL BOA	RD ACTION	
IMPLEMENT AND PROVIDE DETAILED CHANGE EVAL.	PROVIDE DETAILED DIS- CHANGE APPRO EVALUATION	4.2 REMARKS	สหมาก และ เขาสามารถเหมาะสามารถ และ เขาสามาร์ เขาสามาร์ เขาสามารถ และ เขาสามารถ และ เขาสามารถ และ เขาสามารถ และ	ан өөр өөлөөн талуу унуучулага талуу калар талуу байн талуу талуу талуу талуу талуу талуу талуу талуу талуу тал
3 SOFTWARE CONTROL BOAR	D SIGN OFF	a Theorem		
	Numbers and the off of the second			
DATE	· •			
	5.0 MIT DETAI	LED PROGRAM CHAN	GE EVALUATION	
MIT COORDINATOR	20-1-20-20-20-20-20-20-20-20-20-20-20-20-20-	5.2 MIT EVALUATI	олонистическиетистическиетистическиетистическиетистическиетистическиетистическиетистическиетистическиетистическ О N	מארקער אוני ערבור בארא איניער איז
DATE	Nonite conversion and produce and the set of the			
	6.0 SOFTWARE DETAIL	CONTROL BOARD D ED PROGRAM CHANG	ECISION ON MIT E EVALUATION	
START OR CONTINUE	DISAPPROVED OR STO IMPLEMENTATION	P 6.2 REMARKS		NAVE IN MARKING TO LEAD NOT THE CONTRACT OF NON-ACTION OF STREET AND A
CONTRAC CONTROL BOARD	SIGN OFF			
DATE	#TO MY GAME AND A DIST WITH MICHINE AND			

MSC Form 288 (Jul 68) TP#21812

Page 2 of 2

APOLLO SPACECRAFT SOFTWARE CONFIGURATION CONTROL BOARD

-DATA AMPLIFICATION SHEET -

PAGE OF

PROGRAM CHANGE	PREPARED BY:	D. EYLES	ORGANIZATION:	· ·
REQUEST NO. 848	DATE:	7/22/69		MIT/IL .

CONTINUATION SECTION (REFER TO BLOCK NUMBER AND TITLE ON PROGRAM CHANGE REQUEST FORM)

1.5 Reason(s) for Change

Because when the Rendezvous Radar Select Switch is not in the LGC position, the RR resolvers are being excited by an 800 cps signal which is not necessarily in phase with the 800 cps reference of the RR CDUs, these CDUs are likely to go to their maximum rate mode (6400 pps each). This behavior snatches a total of 12800 memory cycles every second, or 15% of LGC time, and can result in 1201 and 1202 software restarts.

1.6 Description of Change

Monitor the RR Power On/Auto bit (bit 2 of Channel 33) and set the Zero RR CDU bit (bit 1 of Channel 12) when this bit shows that either the RR circuit breakers are pulled or the RR switch is in AUTO TRACK or SLEW.

REMARKS

It was the misbehavior in question that jeopardized the lunar landing of July 20, 1969.