1.1 ORIGINATOR S. COPPS 1.5 DESCRIPTION OF ANOMALY: The last sentence of para flags are mutually exclusion ment is invalid as a resu ORE:WFLAC and RENDW W-matrix extrapolation of	ilt of anomaly C	11/3/69	.4 ORIGINATOR CONTROL NO.	COM 31
1.5 DESCRIPTION OF ANOMALY: The last sentence of para flags are mutually exclu- ment is invalid as a resu OREWFLAG and RENDW	agraph 5.1.5.1. sive; that is, the	11/3/69		PROGRAM
The last sentence of para flags are mutually exclusion ment is invalid as a resu OREWFLAC and RENDW	ilt of anomaly C			COLOSSUS
ment is invalid as a resu OREWFLAG and RENDW	ilt of anomaly C			67 8 79
w - matrix extrapolation (I LAU SELEMIAL	by cannot both t	pe equal to o	es: "These two one." This stat
	during P00.			. *
1.6 DESCRIPTION OF RUN:				CONTINUED ON PAGE
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	- 4417. 4		Teorie and the size of the same	CONTINUED ON PAGE
2.1 CAUSE:		NALYSIS -		
See amplification sheet.				
2.2 RECOGNITION:	· <u>····································</u>			CONTINUED ON PAGE
Difficult				
2.3 MISSION EFFECT:				CONTINUED ON PAGE
See COM 16 and in addition reinitialization.	on could result in	n an invalid W-	matrix, rec	Uiring a
If either a V93E or a stat mark incorporation in P2 .5 RECOVERY PROCEDURE: V93E.	e vector update (0, then do V93E	via P27) has no prior to	ot occurred	since the last
				•
6 PROGRAM CORRECTION:		· · · · · · · · · · · · · · · · · · ·	······································	CONTINUED ON PAGE
On page 5.2-97 of Section On page 5.2-98 of Section	5 m right-hand	ock which sets block, add sett	RENDWFL ing of RENI	AG = 0.
Fix for COLOSSUS 2E and				•
8 RECOMMENDED RE-TESTING:				CONTINUED ON PAGE
Level 4 testing.		2.9 MIT/IL SIGNATURE:		
0.	CONTINUED ON PAGE		ttoken ho	11/1/29
<u> </u>		41 CLOSING ACTION TA		7
I NASA DIRECTION:		202.01		
I NASA DIRECTION:	US 2E	PROGRAM NU CREW OF 14		
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2 MASAMMSC SIGNATURE: JULI JULICOLO APOLLO 14) 3.3 ORGANI MASAMASC SIGNATURE: JULI JULICOLO MASAMASC SIGNATURE: JULI JULICOLO JULI	CONTINUED ON PAGE ZATION 3.4 DATE:	CREW OF 114 WRITE PRE FOR COLOSS	1000 12 BY 16 CAM NO 10 S 2 D	PRONE TE:
I NASA DIRECTION: FTX FOR COCOSS (APOLLO 14) 2 MASAMMSC SIGNATURE: 3.3 ORGANI.	CONTINUED ON PAGE ZATION 3.4 DATE:	CREW OF 114 WRITE PRO FOR COLOSS CL	1000 12 BY 16 CAM NO 10 S 2 D	PRONE THE CONTINUED ON PAGE

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LI ORIGINATOR: S. COPPS	1.2 ORGANIZATION: MIT/IL	1.3 DATE: 11/3/69	I. 4 ORIGINATOR CONTROL NO.	PROGRAM COLOSSUS PROGRAM REVISION
·				67 & 72

2.1 Cause:

In order for this to happen, the ORBWFLAG must be set equal to 0 and the RENDWFLAG must be set equal to 1 when P23 is selected. P23 must then be terminated prior to a navigation mark acceptance and P00 must be selected and state vector integration allowed to occur.

The RENDWFLAG will normally be equal to 0 when P23 is called because a state vector uplink (either vector) will set the RENDWFLAG = 0 and it is very likely that a state vector uplink will have occurred since P20 was terminated.

2.4 Avoidance Procedure, cont'd.

... selecting P00 following a premature termination of P23 (before a mark acceptance). Or simply do a V93E prior to accepting first mark, following that selection of P23.

3.

MSC Form 1409A (May 68)