	IL SUFTWARE A	NUMALY	KEPUKI	LNY 59
1. 1 ORIGINATOR:	1.2 ORGANIZATION:	1.3 DATE:	1.4 ORIGINATOR CONTROL NO.	PROGRAM LUMINARY
J. KERNAN	MIT/IL	4/15/69	33/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/	PROGRAM REVISION 96
Two of the Ephemeris constants are used to the earth in reference The GSOP names of the A. The program names	compute the unit po	sition vecto lunar and s e Section 5.	olar EPHEM 5.4 of R-56'	e incorrect. The n with respect to ERIDES routine. 7) are LOMR and
L6 DESCRIPTION OF RUN:	· · · · · · · · · · · · · · · · · · ·			CONTINUED ON PAGE
Incorrect S-band ante	nna angle computati	ons in R05.		
	S	**	·.	CONTINUED ON PAGE
	- MIT A	NALYSIS -		
2.1 CAUSE:			•	
Human Error.	•			CONTINUED ON PAGE
(1) Incorrect S-band at (2) Possible incorrect	intenna angle display t star choice by PIC	y in V64. APAR.	•	CONTINUED ON PAGE
2.3 MISSION EFFECT:			•	
R05 is unusable.				CONTINUED ON PAGE
2.4 AVOIDANCE PROCEDURE: (1) Don't use R05. (2) Don't use PICAPA	D.	26 26		
				CONTINUED ON PAGE
2.5 RECOVERY PROCEDURE:		•		
2.6 PROGRAM CORRECTION:				CONTINUED ON PAGE
Correct two constants VAL67 is . 072	2663888 B+1 and sho 366098 B+4 and sho			. CONTINUED ON PAGE
Fix.				CONTINUED ON PAGE
2.8 RECOMMENDED RE-TESTING:	a antaith DICIA DAT	······································		
Retest R05 and alignn		2.9 MAR SIGNATU	REM Cherry	2.10 DATE: /C
3.1 NASA DIRECTION:		4.1 CLOSING ACTIO		
Fixed i			LUMINARY	(Rev 97).
		•		
	CONTINUED ON PAGE			CONTINUED ON PAGE
3, 2 NASAMSC SIGNATURE: 3.3	ORGANIZATION 3.4 DATE:	4.2 SIGNATURE:	43 06	IGANIZATION: 44 DATE:
mic form 1409 (Rev May 68)				