

UNIVERSITY OF ILLINOIS
DIGITAL COMPUTER

AUXILIARY
LIBRARY ROUTINE X 18 - 316

TITLE: Fake End of Regular Interlude
TYPE: Complete Program
DESCRIPTION: This program will cause the Illiac to behave as if the order 26 3F7 had been executed. The WM will be recorded on the drum and SADOI will play in remembering the symbolic address list if 3F7 is in the correct state. (i.e. undisturbed).
METHOD OF USE: Hold start the tape. Tape stops on 2405J with SADOI in WM.
NOTE 1: The tape includes library routine X 16 which is read in automatically before a 24999N stop tape directive. X 16 may be deleted if desired.
NOTE 2: This routine will operate correctly after a WM restoration via the combined Post Mortem since 2-3L5 will have been restored.

DATE	<u>February 2, 1961</u>
PROGRAMMED BY	<u>M. E. Suhre, Jr.</u>
APPROVED BY	<u><i>J. Snyder</i></u>

LOCATION	ORDER	NOTES	PAGE 1	X 18
		Fake End of Regular Interlude		
	80028 40001	Tape Bootstrap		
	80028 40002			
	80028 40003			
	80028 40004			
	26002 00000			
	80028 40002			
	F5003 42003			
	80028 403FL			
3LO	22001 L5010	Restore SADOI Residue		
1	8600S 02JLN			
2	F53LL 403LL			
3	F53LO 403LO			
4	L03L9 323LO			
5	F53L7 4025L			
6	263L7 263F8			
7	8500S 00403			
8	40260 2625L			
9	K2001 L53F7			
K	S23FS 403F7			
S	0500S 03200			
N	8500S 031F2			
J	96001 40002			
F	F53LJ 403LJ		Recorded by	
3LL	F53LN 403LN	Drum Bootstrap		
000	L03LS 363LN			
001	263F7 00000	Enter SADOI Residue		
002	263LN 00000	Initial Entry		
	00999K			
0	40 259F			
	26 113F			
1	50 31F			
	11 F			
2	49 21F			
	27 52F			

LOCATION	ORDER	NOTES	PAGE 2	X 18	
3	FO 367F				
	36 247F				
4	L5 84F				
	42 17F				
5	22 172F				
	41 21F				
6	L5 563F				
	40 246F	} "X16" Library Routine			
7	L5 564F				
	40 247F				
8	L5 565F				
	40 112F				
9	L5 566F				
	40 113F				
10	L5 567F				
	40 114F				
11	L5 568F				
	40 115F				
12	L5 368F				
	42 86F				
13	26 93F				
	00 F				
	261475N				
	24999N	} Stop tape reading			