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	MTR.3		L MCC			E O I		BND1 - CONTINUATION		H, IOWRK+1		D IDWRK C+L		- Andrews		W - VIEW MEMORY BLOCKS	H START, STOP	HamsGaVEH L TYPMSG		D BLKICH Viewz				
	JNZ	HVI	CALL	45	MOV X	AOM W	PCHL	GETBN	[IXI LXI	CALL	LHCD	NO.	909	X L	VIEW	VIEN	LXI	AH.	SHLD	-			
				*TP. 4				**	*	GETBND1						* *	*	VIEW		VIENI	anne de la company de la compa			
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303 150 006	80 g	JE CTC		F NOT READY, WAIT		
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	1284 1285 1286 1286 1286 1289 1290 1292 1293 1294	****	PCA - A NEH I USES II USES	RMI 1103A-* G 1103A- G 1103A- G 1103A A PROGRAM COUNTER A INPUTS AND/OR DIS NEW VALUE TO BE ENT CR IS TYPED TRY NONE IT NONE S A,D,E,H,L,F	RMI 1103A-* G 1103A A - PROGRAM COUNTER ALTER A INPUTS AND/OR DISPLAYS THE CURRENT USER PROGRAM VALUE AMD ALLOMS NEW VALUE TO BE ENTERED OR RETAINS THE CURRENT VALUE IF CR IS TYPED IRY NONE IT NONE S A,D,E,H,L,F
214 006 100 006 012 052 003	1296 1297 1298 1299 1300	PCA	CALL CALL CALL MVI	H,MSG.PC TYPMSG A,10 LRA. E,M	COMPLETE PC MESSAGE GET LOCATION OF USER PC (D,E) = USER PC VALUE
012 015 137 001 064 015 012 015	1302 1304 1304 1306 1306 1306 1308 1310 1310 1311 1311	4-	INX HOV XCHG JC CALL CALL CALL ENTER	K H W D, M HG LL IROC LL IROC C C TER NEW USER P.C VALUE	(H,L) = USER PC VALUE INPUT NEXT CHARACTER IF FIRST CHARACTER WAS OCTAL, IMPUT NEW PC ELSE, QUIPUT CURRENT VALUE SEE IF USER WANTS TO CHANGE IT NOW IF NO CHANGE, EXIT
015	1314 1315 1316 1318 1318	PCA1	CALL RET	0,4.CR IOA - GO TO USER RO	0,4.CR END BYTE MITH A RETURN 10A INPUT NEW ADDRESS EXIT - GO TO USER ROUTINE FROM HBB MONITOR
	1322 1322 1323 1324 1325	* * * *	N T W	88 WAITS FOR A CARI CARRIAGE RETURN.	FOR A CARRIAGE RETURN OR A NEW ADDRESS TERMINATED WITH RETURN. IF NO ADDRESS IS ENTERED, GOAB TRANSFERS THE ADDRESS SPECIFIED BY THE USER PC VALUE
165 006 100 006 012 015 177 001		6088	CALL	H9MSG-60 TYPHSG IROC G088-1	INPUT A RETURN OR AN OCTAL CHARACTER IF RETURN, 60 TO CURRENT USER PC
012 052 003	1334 1334 1335 1335		RVI CALL INX	7.04 1.0 1.0 1.0	GET ADDRESS OF USER PC POINT TO MSB

131 131	026						
315 023 015 1339 G086.1 CALL 10A 303 222 001 1340 JMP G0 1342			1337		MVI	D,A.CR	END ADDRESS HITH A RETURN
303 222 001 1340 JMP GD 1342 ** AUTOBO - AUTO BOOT 1343 * ENITY: NDNE 1344 * ENITY: NDNE 1345 * ENIT: (SEE 'DEVICE' RG 1346 * ENITY: NDNE 1348 * OSE: ALL 1348 * OSE: ALL 1348 * OSE: ALL 1348 * OSE: ALL 1359 AUTOBO KRA A 1350 AUTOBO KRA A 1355 AS OSE: ALL 1356 AS OSE: ALL 1366 AS OSE: AS	315		1338	6088.1	CALL	IOA Wcr.	INPUT NEW GO ADDRESS ECHO RETURN
1342 ** AUTOBO - AUTO BOOT 1343	303		1340		dHr	09	EXECUTE USER ROUTINE
1344					300	3	
1344		***************************************	1343	P #	AULUBU	AU C	
1345 * EXIT: (SEE 'DEVICE' RG 1347 * USE: ALL 1348 * USE: ALL 1349 AUTOBO XRA A 315 273 002 1351 CALL DEVICE 303 342 001 1352 JMP BOOTO 1350 001 1355 ** GO - RETURN TO USER MODE 1356 ** GO - RETURN TO USER MODE 1357 * ENTRY NONE 1358 * ENTRY NONE 1359 * ERRNZ *-1222A 1360 1362 GO JMP GO. 1362 CO JMP GO. 1364 ** SSTEP - SINGLE STEP INST 1365 ** GO - RETURN TO USER MODE 1356 ** GO - RETURN TO USER MODE 1357 * ENTRY NONE 1360 1360 JMP GO. 1361 ** SSTEP - SINGLE STEP INST 1365 ** GO - RETURN TO USER MODE 1366 ** GO - RETURN TO USER MODE 1367 ** GO - RETURN TO USER MODE 1368 ** GO - RETURN TO USER MODE 1369 ** GO - RETURN TO USER MODE 1360 JMP GO. 1360 JMP GO. 1360 JMP GO. 1371 JMP			1344	*	ENTRY:	NONE	
257 1346 * USE: ALL 1348 * USE: ALL 1349 303 342 001 1352 303 342 001 1352 1355			1345	* *	EXIT:		OUTINE
257 1349 215 273 002 1351 CALL DEVICE 303 342 001 1352 JMP B00T0 303 342 001 1355			1347	* *	USE:	1	
315 273 002 1351 CALL DEVICE 303 342 001 1352 JMP BOOTO 1354 64 ERRMI 1222A-# 1355 44 GO - RETURN TO USER HODE 1357 4 ENTRY NONE 1359 ERRNZ 4-1222A 1361 60 1364 44 SSTEP - SINGLE STEP INST 1364 60 STEP ENTRY NONE 1365 1367 4 ENTRY NONE 1366 4 ENTRY NONE 1367 4 ERRNZ 4-1222A 1368 ERRNZ 4-1225A 1368 ERRNZ 4-1225A 1369 ERRNZ 4-1225A 1360 1360 4 ENTRY NONE 1360 1360 4 ENTRY NONE 1360 1370 SSTEP EQU 4 1370 SSTEP EQU 4 1371 072 011 040 1372 CTLFLG 062 011 040 1372 CD CTLFLG 062 011 040 1375 SSTI STA CTLFLG 062 011 040 1375 SSTI STA CTLFLG 062 011 040 1375 SSTI STA CTLFLG 341 1376 1377 JMP INTXIT	ļ		1349	AUTORO	XRA	**************************************	CET TO OBTAIN CLAS
1354	315		1351		CALL	DEVICE BOOTO	CHECK DEVICE INFROMATION 60T0 8001 IT
1354 ERRMI 1222A+ 1355 4* GO RETURN TO USER HODE 1356 4* GO RETURN TO USER HODE 1359 4* GO RETURN TO USER HODE 1359 4* ENTRY NONE 1360 ERRNZ *-1222A 1361 GO 1362 GO JMP GO. 1365 4* ENTRY NONE 1365 4* ENTRY NONE 1366 4* ENTRY NONE 1366 4* ENTRY NONE 1367 1368 ERRNZ *-1225A 1368 1369 COLLECG 1369 1370 SSTEP CUU * 1369 COLL O40 1372 COLFCG 341 1376 SSTI GUI GO. 341 1376 SSTI GUI GO. 341 1376 SSTI GUI GO. 341 1376 JMP H 303 172 000 1377 JMP INTXIT							
1355 + GO - RETURN TO USER HODE 1356 + ENTRY NONE 1359 + ENTRY NONE 1350 - ERRNZ + L222A 1360 - ERRNZ + L222A 1361 - ERRNZ + L222A 1364 + SSTEP - SINGLE STEP INST 1365 + ENTRY NONE 1365 + ENTRY NONE 1365 + ENTRY NONE 1365 + ENTRY NONE 1365 - ENTRY NONE 1368 - ENTRY NONE 1369 - ERRNZ + L225A 1370 - SSTEP - GUU + ENTRY NONE 1371 - DI CTLFLG 062 011 040 1372 - LDA CTLFLG 062 011 040 1375 - SSTI STA CTLFLG 341 - 1376 - DI H 303 172 000 1377 - JMP INTXIT	900 000		1354		ERRHI	1222A-#	
1357 # ENTRY NONE 1358 # ENTRY NONE 1359	777 • 100		1355	**	١	1222A	
1359			1357		K I	IUKN IU USEK MUL	ш
1360 ERRNZ #-1222A 1361			1358 1359	*	ENTRY	NONE	
303 063 000 1362 GD JMP GO. 1364 ** SSTEP SINGLE STEP INST 1365 * ENTRY NONE 1366 * ENTRY NONE 1368 ERRNZ *-1225A 1370 SSTEP EQU * 1370 SSTEP CTLEC 365 020 1371 DI GO. 353 360 1372 LDA CTLEC 366 020 1373 SSTI STA CTLEC 361 040 1375 SSTI STA CTLEC 341 1376 SSTI STA CTLEC 341 1376 JMP INTXIT	000 000		1361		ERRNZ	#-1222A	
1364 ** SSTEP - SINGLE STEP INST 1365 * ENTRY NONE 1366 * ENTRY NONE 1369 ERRNZ *-1225A 1370 SSTEP EQU * 1370 SSTEP EQU * 363 1371 D40 1372 LDA CTLFLG 353 360 1374 CB SSTI 062 011 040 1375 SSTI STA CTLFLG 341 1376 SSTI STA CTLFLG 341 1376 JMP H 303 172 000 1377 JMP INTXIT	İ	1	1362	09	JMP	60.	
1364 ** SSTEP - SINGLE STEP INST 1365 # ENTRY NONE 1366 # ENTRY NONE 1367 1369 ERRNZ *-1225A 1370 SSTEP EQU * 1371 0.1 0.4 0.1 1371 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.					1 1		
1366 * ENTRY NONE 1367 1368 1368 1369 1370 363 1371 363 1371 364 360 372 373 373 373 373 373 373 373 373 373			1364 1365	* *		SINGLE STEP INS	TRUCTION.
1368 ERRNZ			1366	₩	ENTRY	NONE	
363 1370 SSTEP EQU * 363 1371 DI CTLFLG 356 010 040 1372 LDA CTLFLG 062 011 040 1375 SSTI STA CTLFLG 341 1376 SSTI STA CTLFLG 341 1376 POP H 303 172 000 1377 JMP INTXIT	000 • 000		1368 1369		ERRNZ	*-1225A	
072 011 040 1372 LDA CTLFLG 356 020 1373 XRI C8.SSI 323 360 1374 0UT OP.CTL 062 011 040 1375 SST STA CTLFLG 341 1376 PDP H 303 172 000 1377 JMP INTXIT			1370 1371	SSTEP	EuU OI	*	SINGLE STEP DISABLE INTERRIPTS UNTIL THE RIGHT TIME
323 360 1374 0UT GP-CTL 062 011 040 1375 SST1 STA CTLFLG 341 1376 POP H 303 172 000 1377 JMP INTXIT	072 356		1372			CTLFL6 CB.SSI	CLEAR SINGLE STEP IMHIRIT
341 1376 POP H 303 172 000 1377 JAP INTXIT	323	t .	1374	5571		0P.CTL	PRIME SINGLE STEP INTERRUPT
	341	1 !	1376			H INTXIT	CLEAN STACK RETURN TO USER ROUTINE FOR STEP

		ili de la compansión de la		NATIONAL PROPERTY OF THE PARTY			
10:41:25 17-FEB-82	N)			DISABLE SINGLE STEP INTERRUPTION TURN OFF SINGLE STEP ENABLE		SEE IF IN MONITOR MODE	TRANSFER TO USER'S ROUTINE
	- SINGLE STEP RETURN	#-1244A			CTLFLG 0		
010	STPRTN	ERRNZ	50.0	08.1 00.1	SET	ANI.	JMP
#00°02°01	**		STPRIN	1	•	and the state of t	
		1380 1381	1382	1384	1386	1388	1390
MTR90-1 - H/2-89 MONITOR MONITOR TASK SUBROUTINES.	,	000 • 000	inis or encycles of contract of the following of the contract	366 020 323 360		346 040	303 042 040

MUKRAL BUU! 13 13 13 13 14 14 16 17 18 18 18 18 18 18 18 18 18	1393 ** 13394 * 13395 * 13395 * 13396 * 1399 * 1400	S S S S S S S S S S S S S S S S S S S	- NORMAL BOOT S ENTERED WHEN USER TYPE ACCEPT THE BOOT DEVICE NONE (AIG-UNI) = UNIT NUMBER (PRIM) = PORT ADDRESS (TMFG) = DEVICE TYPE, ALL A DEVICE A DEVICE C S BOOTO C S BOOTO C S BOOTS C S BOOTS	007 - NORMAL 8007 007 IS ENTERED WHEN USER TYPE '8001' COMMAND FROM MONITOR. WILL ACCEPT THE 8007 DEVICE AS WELL AS THE UNIT NUMBER FROM NSOLE AND GO TO THE 8007 CODE. IT: (AIG.UNI) = UNIT NUMBER TO BOOT IT: (AIG.UNI) = DEVICE TYPE, = I IS 247; =0 IS HI7 ED: ALL A A SET Z FLAG TO PRIMARY DEVICE LL DEVICE READ SWITCH TO DETERMINE BOOT DEVICE LL DEVICE READ SWITCH TO DETERMINE BOOT DEVICE LL DEVICE READ SWITCH TO STERMINE OF THEN TAKE IT AS DRIVE O LL BOOT? C. MRONG C. MRONG	
257		S S S S S S S S S S S S S S S S S S S	- NORMAL BOOT S ENTERED WHEN USER TYPE ACCEPT THE BOOT COO AND GO TO THE BOOT COO NONE (AIG,UNI) = UNIT NUMBER (PRIM) = PORT ADDRESS (TMFG) = DEVICE TYPE, ALL A DEVICE RCC A-CR 2,800T0, 8 C,800T5	*BOOT* COMMAND FROM MONITOR. AS WELL AS THE UNIT NUMBER FROM TO BOOT TO BOOT TI BOOT *I IS 247; =0 IS H17 *I IS 247; =0 IS H17 SET Z FLAG TO PRIMARY DEVICE READ SWITCH TO DETERMINE BOOT DEVICE INPUT FROM KB IF INPUT IS CR THEN TAKE IT AS DRIVE O	
257		SE CONTRACTOR SE	ACCEPT THE BOOT CODE AND GO TO THE BOOT CODE NONE (ALG-UNI) = UNIT NUMBER (PRIM) = PORT ADDRESS (PRIM) = DEVICE TYPE, ALL A.GR A.GR A.GR C.BOOTO C.BRONG BOOT7 C.BRONG B	*BOOT* COMMAND FROM MONITOR. TO BOOT TO BOOT I IS Z47; =0 IS H17 SET Z FLAG TO PRIMARY DEVICE READ SWITCH TO DETERMINE BOOT DEVICE INPUT FROM KB IF INPUT IS CR THEN TAKE IT AS DRIVE O	
257		SECONO SE	ACCEPT THE 800T DEVICE AND GO TO THE 800T COOK NONE (AIG-UNI) = UNIT NUMBER (PRIM) = PORT ADDRESS (TMFG) = DEVICE TYPE, ALL A CR 2,800T0. C,800T5 C,800T5	AS WELL AS THE UNIT NUMBER FROM 10 BOOT 11 S 247; =0 IS H17 SET Z FLAG TO PRIMARY DEVICE READ SHITCH TO DETERMINE BOOT DEVICE INPUT FROM KB IF INPUT IS CR	
257		S S S S S S S S S S S S S S S S S S S	AND GO TO THE BOOT CODE NONE (AIG-UNI) = UNIT NUMBER (PRIM) = PORT ADDRESS (TMFG) = DEVICE TYPE, ALL A CR 2 BOOTO C-BROW BOOTO C-BROW BOOTO	TO BOOT I IS 247; "O IS H17 SET Z FLAG TO PRIMARY DEVICE READ SHITCH TO DETERMINE BOOT DEVICE INPUT FROM KB IF INPUT IS CR THEN TAKE IT AS DRIVE 0	
257		E S S S S S S S S S S S S S S S S S S S	E E E E E E E E E E E E E E E E E E E	HARY DEVICE TERMINE BOOT AS DRIVE 0	
257		E DE C C C C X X X X X X X X X X X X X X X	UNI)	ARRY DEVICE TERMINE BOOT AS DRIVE 0	
257		W W W W W W W W W W W W W W W W W W W	UNI)	MARY DEVICE TERMINE BOOT AS DRIVE 0	
257		S X Z Z Z X X Z X Z X Z X Z X Z X Z X Z) # E E B B B B B B B B B B B B B B B B B	MARY DEVICE TERMINE BOOT AS DRIVE 0	
. 257		N X Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z	F E E NG	MARY DEVICE TERMINE BOOT AS DRIVE 0	
. 257		N X 2 2 2 2 3 3 5 3 8 9	ALL DEVICE RCC A.CR 2,800T0. C,800T5	SET 2 FLAG TO PRIMARY DEVICE READ SWITCH TO DETERMINE BOOT DEVICE INPUT FROM KB IF INPUT IS CR THEM TAKE IT AS DRIVE O	
257	1 1 1 1 1	* 2 2 5 4 2 4 2 4 8 9	A DEVICE DEVICE A.CR 2.96077 C. MRONG C. MRONG C. 80075	SET Z FLAG TO PRIMARY DEVICE READ SHITCH TO DETERMINE BOOT DEVICE INPUT FROM KB IF INPUT IS CR THEM TAKE IT AS DRIVE O	
257	1 1 1 1 1	X 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	A A DEVICE DEVICE A.CR 2.980070. B0077 C.94R0NG C.94R0NG	SET Z FLAG TO PRIMARY DEVICE READ SHITCH TO DETERMINE BOOT DEVICE INPUT FROM KB IF INPUT IS CR IT AS DRIVE O	
		55555555	DEVICE RCC A.CR 2.980010. B0017 C. MRONG G. 800015	READ SMITCH TO DETERMINE BOOT DEVICE INPUT FROM KB IF INPUT IS CR THEM TAKE IT AS DRIVE O	
002	1 1 1 1	50 45 45 480	A.CR 2,80010. 80017 C,9800G G,80015	IT AS DRIVE	
312 202 003	111 113 114 116	CALL CALL JR JR JR	2,80075 60077 C,4RONG 6,80075	IT AS DRIVE	
050 043	112 114 115 116	CALL S. C. S. C. S	B0017 C, WRONG B C, B0015		
910	113	4	C, MRONG B C, BOOT5		
200 020	15	JR JR D8	8 C,800T5		
270	16	80 -	CsBUUIS		
070 044	07.	<u> </u>		IF WITHIN THE RANGE, 800T IT!	
0.0		!	MISEXAF	SAVE INPUT, CHECK PRIM OR SEC?	
020 010	110	¥90	10×67	IT TAINARIE CORCA 'S'	
010	19 WRONG	20 E 0 E	MI. OFFAT	RESIURE (1) FLAG	
076 007		IAM	A9A.BEL	NOT THE CASES, BEEP!	
030 346	22	ראנו	STARTI	AND TRY AGAIN	
010	24 NB7		HISEXAF	RESTORE INPUT & PRIM, SEC FLAG	
346 137	52	ANI	010111118	MASK TO UPPER CASE LETTER	
001.324 040 362 1.4	27		NZ 9 HRONG	CHECK THE USEK LIKE IN BUDI FRUM BOOT SECONDARY DEVICE	
***************************************	128				
14	* 62	USER HIS	MISHES TO BOOT FROM SECONDARY DEVICE	IRY DEVICE	
	30 31 8SEC	EoU	*		
001.326 041 042 014 14		LXI	HyBKRSG	PRINT BOOT SECONDARY MESSAGE	
074	34	INR	V	SET (2) "O FOR SECONDARY DEVICE	
030 323	35	JR	NBOOTO		
4.1 4.1	* SAV	开	AIO.UNI, CHECK IF THERE IS	THE BOOT DEVICE AND GO!	
14 001-337 315 370 005 14	36 39 800TO	CALL		PRINT CR FOR GOOD LOOKS	
				1	
767	441 80010	XKA		TAKE CK UK AUTU BUUT AS ORIVE O	
001,346 030 010 042 14	1442 1443	r K	SP # 42 200 A BOOT6	SET STACK FOR NO COMMAND LINE	
315 302 003	TOOR	1 14.3	J.J.	DOWN HALL MINDE	
207 207 702		CALL	200	TALE CAL SCHER	
013	1447	1 0 X	100	TAKE IN DISAKT	
042 043	440 000T4	CT.	A T O 1/M 3	STORE THE A STREET	

BULLINUM 68-2/H - 1-068TM		#09-02-01-	and several manufactured in the second s	Unix H8ASM V1.4.1 5-Jul-80 Page 35
NORMAL BOOT				
i	1449	MOV	AyH	CHECK IF NO DEVICE AT ADDR. PORT
ł	1450	ANA E I	₹	INSURE INTERRUPTS READY
001.366 312 171 002 001.371 351	1452 1453	JZ PCHL	NODEV	NO DEVICE JAP TO THE EXECUTION ROUTINE
	ndern ackerelle er for der der der der der der der der der de			
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TOTAL PROPERTY AND		***************************************				
	1456	- 1	247	- 800T FROM 247	7 DISK DRIVE	
	1458	* *	Z47 WI	WILL LOAD DATA FROM DISK	TRACK O SECTOR O THREE O TO	
	1459	* 1	USER F	ST AVALIABL	ATION. IF THE BOOT IS SUCCED.	
	1941	1	2000	L LASS TO THAT LUCALITY	7.	
	1462		ENTRY:	(AIO.UNI)	- UNIT NUMBER TO BOOT	
	1463	* *				
	1465		C419	AURC	THE PROPERTY OF THE PROPERTY O	
	1466	*	USE:	ALL		
001 - 372	1467	747	100			
7 / 7 4 4 4 4	1469			(STK).SP	CAVE STACK BOTHTED FOR OF SOOT	
355	1470		90	3550,1630	CASE SINCE TOINING TON KEIDOUS	
001.374 124 041	1471		₩Q	STK		
	1473	Z47A	Eau	*		
373			EI			
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	1478		ט ג ג			
1	1479		RLC			
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	1481		INR	A	SET TO SECTOR 1	
002.010 117	1482		¥0A	C,A	SAVE SIDE/UNIT/SECTOR (SIDE=0)	
000,000	1484	RESET	ΙF	• DEBUG		The second secon
	1485	1	XRA	A		
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:	1		TAW	A. M. RES		
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	1497		IAN	A,10		
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	RESTORE STACK	SET CLOCK AND ENTER USER CODE			US LINE UUI & BUU! 44/ TACK & JUHP TO BOOT 247 ROUTINE				GET OLD STACK ADDRESS SET TO STACK POINTER	RE-800T			
	RESTO	SET C	RE-ROOT 247		15 ENIEKEU WHEN 3.5 SECUNDS 11NE UUI NDT SUCCEED. IT RESTORE STACK & JUMP		(HL) = (SP)			A PARTIE AND THE PROPERTY OF THE PARTIES AND T			
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002-027	002.032	002.033							002.036	002.042			

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The state of the s		***************************************		***************************************				
		15			R. 50P	R.SOP - SET DEVICE PARAMETER, ALLOW TO SET DRIVE O,	ALLOW TO SET DRIVE 0, 1, AND 2.	
		15			(MORE I	NFORMATION CAN BE FOUND I	IN H17 ROM CODE 36062A)	
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002.072	076 040	l	1551		NV I		SPACE BETWEEN	
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1561 ERRMI 2136A-# 1562 0RG 2136A 1563 # HORN - MAKE NOISE. 1564 # ENTRY (A) = (MILLISECOND COUNTY 1565 # ENTRY (A) = (MILLISECOND COUNTY 1567 # ERRNZ #-2136A 1569 ERRNZ #-2136A 1571 ALARM EOU # 1572 ALARM EOU # 1573 ALARM EOU # 1574 HORN PUSH DSM TURN ON SAVE (I) 1575 HORN XTHL SAVE (I) 1576 HORN XTHL SAVE (I) 1577 MVI A,CB.SPK TURN ON SAVE (I) 1578 KRAZ HOSH HACTLELG 1579 HRNO XTHL SAVE (I) 1579 HRNO XTHL SAVE (I) 1570 1570 HRNO HAA TURN ON OSE (I) 1571 1580 HOV HAA TURN ON OSE (I) 1571 1580 HOV HAA TURN ON OSE (I) 1570 1580 HOV A,D (A) 1571 1580 HOV A,D (A) 1571 1580 HOV A,D HANN 1571 1580 HOV HAA HANN 1571 1580 HOV HAA HANN 1571 1580 HOV HAA HANN 1572 1590 HRNZ CHP HANN 1573 1591 HRNX JUHP TO ON	1561 1562 1563 ** 1564 * 1565 * 1566 * 1567 * 1568 * 1568 * 1568 * 1569 * 1570 * 1571 ALARM 076 200 1572 * 1573 1573 * 1574 * 1574 * 1574 * 1575 HRNO 1573 * 1576 HRNO 1573 * 1579 HRNO 1579 * 1570 HRNO 1570 * 1571 ALARM 1570 HRNO 1570 HRNO 1570 1570 * 1570 1570 1580 * 167 1580 1580 * 167 1580 1580 1580 1580 1580 1580 1580 1580		SECOND COUNT)/2 BRANCH TO A JUMP TO NOISE TO DING BELL TURN ON SPEAKER SAVE (HL), (H) = COUNT SAVE (DE) (D) = LOOP COUNT (A) = CYCLE COUNT (A) = CYCLE COUNTS
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1570 ALARM EQU * 1571 ALARM EQU * 1572 JR ALARMB BRANCH I 1573 ERRNZ *-2140A 1574 ERRNZ *-2140A 1575 HRN PUSH PSM 343 1579 HRN XTHL SAVE (HL 325 1580 PUSH PUSH CTLFLG 256 1581 XRA H 157 HRO XTHL SAVE (DE 353 1580 KRA H 157 HRO XTHL SAVE (DE 353 1580 HRO KHA H 158 HRO H-1-CTLFLG 256 033 1585 HRO HVI L-#TICCN T 158 HRO H-1-MOV E-1-M TURN ON 056 033 1580 HRNZ CNP H 172 1588 HOV A-1-D 158 HRNZ CNP H 159 HRNZ CNP H 150 HRNZ LNP H 150 HRNZ CNP H 150 HRNZ CNP H 150 HRNZ CNP H 150 HRNZ CNP	1570 ALARM 1571 ALARM 1572 1572 1573 1574 1574 1575 365 1576 HORN 343 1579 HRNO 325 1580 325 1580 325 1581 041 011 040 1582 256 1583 167 1585 167 1585 167 1585 266 033 1587 172 1588 206 1589 206 1589 206 1589 206 1589 206 1589		BRANCH TO A JUMP TO NOISE TO DING BELL TURN ON SPEAKER SAVE (DE) (D) = LOOP COUNT (E) = OLD CILFLG VALUE TURN ON HORN (A) = CYCLE COUNT WAIT REQUIRED FICCOUNTS
030 026 1572 JR ALARRB BRANCH I 1573 1574 ERRNZ #~2140A 1575 1576 HORN PUSH PSW IURN ON ISE SAVE (HI 242) 365 1576 HORN PUSH PSW IURN ON ISE SAVE (HI 242) 365 1579 HRNO XTHL SAVE (HI 242) 373 1581 XCHG (D) = LO (D)	030 026 1572 JR 1573 ERRI 1574 ERRI 1575 HORN PUS 076 200 1577 HNO XTH 343 1580 PUS 353 1580 PUS 353 1581 XCH 041 011 040 1582 LXI 256 1584 HOV 157 1585 HOV 167 1586 HOV 172 1586 HOV 172 1586 HOV 172 1586 HOV 172 1587 HOV 276 1589 ADD		BRANCH TO A JUMP TO NOISE TO DING BELL TURN ON SPEAKER SAVE (HL), (H) = COUNT SAVE (DE) (D) = LOOP COUNT (E) = OLD CTLFLG VALUE TURN ON HORN (A) = CYCLE COUNT MAIT REQUIRED TICCOUNTS
365 1574 ERRNZ #-2140A 365 1576 HORN PUSH PSW 343 1576 HRNO XTHL SAVE (HL 325 1580 PUSH D 325 1580 KCHG (D) = LO 256 1583 XRA H 167 1585 HRO XTRA H 167 1585 HRO KRA H 168 HOV R,A D 276 033 1586 HVI L,ATICCNT 26 033 1587 HOV A,D (A) = CY 276 1588 HOV A,D (A) = CY 276 1589 ADD M 276 1590 HRNZ CMP HRNX JUMP TO 276 1592 JMP HRNX JUMP TO 276 1594 * 277 1595 SEND A B 303 045 006 1597 ALARHB JMP NDISE SEND A B	1574 ERRI 365 1575 HORN PUS 376 1576 HORN PUS 343 1578 HRNO XTH 325 1580 PUS 353 1581 XCH 364 041 011 040 1582 LXI 256 1583 XRA 1584 HOV 167 1585 HOV 056 033 1586 HVI 172 1588 HOV 206 1588 HOV 206 1588 HOV 206 276 1590 HRNZ CMP 276 1590 HRNZ CMP 276 276 276 276 276 276 276 276 276 276 276 276 276 276 276 276 276 277 276 276 277 276 276 276 277 276 276 277 276 277 <td></td> <td>TURN ON SPEAKER SAVE (HL), (H) = COUNT SAVE (DE) (D) = LOOP COUNT (E) = OLD CTLFLG VALUE TURN ON HORN (A) = CYCLE COUNT WAIT REQUIRED FICCOUNTS</td>		TURN ON SPEAKER SAVE (HL), (H) = COUNT SAVE (DE) (D) = LOOP COUNT (E) = OLD CTLFLG VALUE TURN ON HORN (A) = CYCLE COUNT WAIT REQUIRED FICCOUNTS
365 1576 HORN PUSH PSH 376 200 1577 HRN HVI A5C8.SPK TURN ON 378 1579 HRN XTHL 379 1580 PUSH D 378 1580 RN PUSH D 379 1581 KRH 379 1581 KRH 379 1581 KRH 370 1582 KRH 380 1583 KRH 380 1580 HRN KRH 380 045 006 1593 HNZ CNP N 380 045 006 1593 JMP HRNX JUMP TO 1596 1596 RN A5D RN RAIT REQ 380 045 006 1594 # 380 053 065 1597 ALARHB JMP NDISE SEND A B	365 1576 HORN 076 200 1577 343 1578 343 1579 HRNO 325 1580 353 1581 041 011 040 1582 256 1583 1584 167 1585 056 033 1586 172 1585 206 1589 276 1590 HRNZ 040 375 1591		TURN ON SPEAKER SAVE (HL), (H) = COUNT SAVE (DE) (D) = LGOP COUNT (E) = OLD CTLFLG VALUE TURN ON HORN (A) = CYCLE COUNT WAIT REQUIRED TICCOUNTS
343 1578 HRNO XTHL SAVE (HL 325 1580 PUSH D SAVE (DB 325 1580 PUSH D SAVE (DB 353 1581 XRA H,CTLFLG (D) = LQ 136 1582 XRA H,CTLFLG (D) = LQ 136 1584 MOV E,H T (E) = 0L 136 1585 MOV E,H T (E) = 0L 172 1586 MYI L,#TICCNT (A) = CY 206 1589 ADD M MAIT REQ 276 1591 ADD M MAIT REQ 276 1591 ADD M HRNX JUMP TO 1592 303 045 006 1593 ALARHB JMP NDISE SEND A B	343 1578 343 1579 HRNO 325 1580 353 1581 041 011 040 1582 256 136 1583 167 1585 056 033 1586 206 1589 206 1589 276 1590 040 375 1592		SAVE (HL), (H) = COUNT SAVE (DE) (D) = LOOP COUNT (E) = OLD CTLFLG VALUE TURN ON HORN (A) = CYCLE COUNT WAIT REQUIRED TICCOUNTS
325 1580 PUSH D SAVE (DE 358 1581 XCHG (DI 041 011 040 1582 LXI H+CTLFLG (DI = L0 041 011 040 1582 XCHG (DI = L0 041 011 040 1583 XRA H+CTLFLG (DI = DI 1584 NOV E+H TURN ON 056 033 1586 NVI L+#TICCNT (A) = CY 1582 NOV A+D (A) = CY 1583 NOV CNP N (A) = CY 040 375 1591 JR NZ+HRNZ JUMP TO 1594 + HRNX JUMP TO 1595 NOS 1594 + NDISE SEND A B	325 1580 353 1581 041 011 040 1582 256 1583 136 1584 167 1585 056 033 1586 172 1587 206 1589 276 1599 040 375 1591		SAVE (DE) (D) = LOOP COUNT (E) = DLD CTLFLG VALUE TURN ON HORN (A) = CYCLE COUNT WAIT REQUIRED TICCOUNTS
041 011 040 1582	041 011 040 1582 256 1583 136 1584 167 1584 056 033 1586 172 1588 206 1589 276 1599 040 375 1592		(E) = OLD CTLFLG VALUE TURN ON HORN (A) = CYCLE COUNT HAIT REQUIRED FICCOUNTS
136 1584 NOV E, H (E) = 0L 167 1585 NOV E, H (A) = 0L 167 1585 NOV H, A 168 NOV A, D 172 1588 NOV A, D 174 1590 NOD N 175 1591 ADD N 176 1591 JR NZ, HRNZ 177 1591 JR NZ, HRNZ 178 1591 JR NZ, HRNZ 179 1594 * 1794 * 1795 NOS 1595 ALARHB JMP NDISE SEND A B	136 1584 167 1585 056 033 1586 172 1588 206 1589 276 1590 HRN2 040 375 1591		(E) = OLD CTLFLG VALUE TURN ON HORN (A) = CYCLE COUNT WAIT REQUIRED TICCOUNTS
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172 1586 MOV A,D (A) = CY 206 1589 ADD N 276 1590 HRN2 CMP N 040 375 1591 JR N2,HRN2 HAIT REQ 303 045 006 1593 JMP HRNX JUMP TO 1594 # 1594 # 303 053 006 1597 ALARM8 JMP NDISE SEND A B	172 1587 206 1589 276 1589 HRN2 040 375 1591 1592		(A) = CYCLE COUNT HAIT REQUIRED FICCOUNTS
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303 045 006 1591 JR NZ,HRNZ 303 045 006 1593 JMP HRNX JUMP TO 1594 * 1595 1595 ALARMB JMP NDISE SEND A B	040 375 1591		
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		and the state of t	

	DISK DRIVE	5				10:41:33 1	33 17-FEB-82
Account of the control of the contro		16	1622 **	H1.7	1	BOOT FROM HIT DISK SYSTEM	
mercus conservation .		16	1623 #			(THIS IS THE MODIFICATION OF THE HIT BOOT ROUTINE; MADE INFORMATION CAN BE FOUND ON HIT BOOT ROM 30000A)	17 BOOT ROUTINE; 117 BOOT ROM 30000A)
the appropriate specialists of a second	management of the contract of	91		CARL		TOUR OF THE LIMIT TO BOOT	
		161	1627 *	CAIN	•	1A10.00117 - 1111 - 0.001	A DESTRUCTION OF THE PROPERTY
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002.220	315 252		36	CALL	SMOVE	MOVE IT	
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		16	1639 *	TO H	INDLE DI	K DRIVE 0, 1, AND 2.	
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# ENIRY: Z FLAG (Z=1 FOR RIINARY, Z=0 FOR # EXIT: HL = DEVICE BOOT EXECUTION ADDRESS # EXIT: HL = DEVICE BOOT EXECUTION ADDRESS # EXIT: HL = DEVICE BOOT EXECUTION ADDRESS # (TAKG) = SET UP FROM TABLE # USE: ALL	CH DEVICE AT NHICH PORT Z=0 FOR SECONDARY) ADDRESS NUMBER
1666	2=0 FOR SECONDARY) ADDRESS NUMBER
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1670 ** ReG B = PRIMARY MAXIN MA	
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041 240 040 1683	
0.00 0.37 1684 WVI 8,0,RAHL LENGTH TO CLEAR 323 177 1685 OUT DP.0C 0.62 0.33 0.40 1687 STA TICCNT O TIMER COUNTER 0.62 0.33 0.40 1687 STA TICCNT O TIMER COUNTER 0.62 0.32 0.40 1689 STA HYCNT O.5 SECOND TIMER 0.64 0.37 0.40 1692 STA HYLNT 0.65 0.27 0.40 1693 LXI H.UIVEC SET ALL VECTOR TO 0.65 0.27 0.40 1693 LXI H.UIVEC SET ALL VECTOR TO 0.65 0.37 0.40 1693 LXI H.UIVEC SET ALL VECTOR TO 0.65 0.37 0.40 1693 LXI H.UIVEC SET ALL VECTOR TO 0.65 0.37 0.40 1693 LXI H.WILL 0.65 0.37 0.40 1693 LXI H.WILL 0.65 0.37 0.40 1693 LXI H.WILL 0.65 0.37 0.40 1700 JP BOOT 0.65 0.37 0.40 1700 JP BOOT 0.65 0.37 0.40 0.40 1700 JP 0.65 0.37 0.40 0.40 1700 JP 0.65 0.37 0.40 0.40 1700 JR SHLO 0.45 0.40 0.40 1700	HORK RAM AREA
312 177 1685 CALL STERU DFF DISK 062 033 040 1687 STA MYGNT 0.5 SECOND TIMER 062 122 041 1689 STA MYGNT 0.5 SECOND TIMER 062 122 041 1689 STA MYGNT 0.5 SECOND TIMER 1690 INR A 1690 ALOW TIMER INTERPT MY 1690 065 303 1694 800T2 STA HYLLOW TIMER INTERPT MY 165 303 1694 800T2 INX H HILLOW TIMER INTERPT MY 1690 065 303 1695 800T2 INX H HILLOW TIMER INTERPT MY 1690 O65 304 1699 INX H HILLOW TIMER INTERPT MY 1690 O65 304 1699 INX H HILLOW TIMER INTERPT MY 1690 O65 304 1699 INX H HILLOW TIMER INTERPRED 043 1699 INX H HILLOW TIMER INTERPRED 043 1699 INX H HILLOW TIMER INTERPRED 042 040 040 1703 LXI HILLOW TIMER INTERPRED 042 040 040 1703 LXI HILLOW TIMER INTERPRED 042 040 040 1704 SHLD ULVECTI TIMER INTERPRED 042 040 040 1705 ANI HIRROR SOUT DEVICE AND ITS INFORMATION 1705 INTERPRED 042 040 040 1703 ANI HIRROR DEVICE IS AT 1704 SHLD INTERPRED 050 012 1710 ANI HIRROR DEVICE IS AT 1704 SHLD INTERPRED 050 012 1712 * PRIHARY DEVICE IS AT 1704 ASSUME PORT 174 IS 060 012 1712 * PRIHARY DEVICE IS AT 1704 ASSUME PORT 174 AND 175 AND 177 A	CLEAR
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062 122 041 1688 5TA HYGNT 0.5 SECOND TIMER OF 1689 1689 1NR A 1691 ERRN UD.CLK-1 (A) = 1 90 ERRN UD.CLK-1 (A) = 1691 ERRN UD.CLK-1 (A) = 1692 STA - HFLAG STA	
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		1858	*	DYASC -	- DYNAMIC RAM ASCII GUTPUT TO CONSOLE
		1859	* *	ENTRY	(A) = CHARACTER TO OUTPUT
		1861 1862	* *	EXIT	(IY) = RETURN ADDRESS TO (IY)
		1863	*	USES	A, C, F
003.143	And the state of t	1865	DYASC *	EQU EX	* AFI AFI
003.143		1867	DYASC1	D8 IN	HI.EXAF SC.ACE+UR.LSR TERMINAL READY?
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		1871	*	ĒX	
003.153 003.154	010 323 350	1873		08 0UT	HI.EXAF SC.ACE+UR.THR
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		1878	**	DYRYT -	- DYMANIC GAN BYTE MITPHIT
	and the second s	1879		: :	1
		1881		CNIKI	(IX) = BITE TO UDITOL AS UCIAL (IX) = RETURN ADDRESS
		1882	**	EXIT	TO (XX)
		1884	•	0252	A969119F
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		1887	*	9	IY, DYBYT. 2
003,165 003,167	375 041 174 003	1889 1890		D8 D¥	MI.LDYA.MI.LDYB DYBYT.2
003.171	303 143 003	1891		d K 7	DYASC
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3.175	346 070 017	1895		ANI RRC	001110008
003,200	017 017	1897		RRC RRC	
3. 202	366 060	1899 1900		ORI	• 0 •
3.204		1901	*	0.0	IY,DYBYT.4 MI.LDYA.MI.LDYB
003.206	213 003	1903		*0	DYBYT.4
003.210	303 143 003	1905 1906		JAP	DYASC
003.213	171 346 007	1907	DYBYT.4		A,C 000001118
	366 060	1909		ORI	.0.
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MTR90-1 - H/Z-89 MONITOR RCK - READ CONSOLE KEYPAD		#09.02.01. 10:41:41 17-FEB-82
000,007	1929 1930	ERRMI 3260A-*
	- 1	- READ CONSOLE KEYPAD
Additional designation of the second	1933 *	RCK IS CALLED TO READ A KEYSTROKE FROM THE CONSOLE FRONT PANEL KEYPAD.
		SINCE THE H88/89 DOES NOT HAVE A FRONT PANEL, THIS ROUTINE IS PROVIDED ONLY TO MAINTAIN COMPATIBILITY WITH PAN-8.
	1936 * 1937 *	RCK WILL IMMEDIATELY RETURN WITH A VALUE OF O (ZERO) IN THE ACCUMULATOR.
And the state of t	1938 #	EXIT (A) = 0
Andreas de la companya del la companya de la compan	1940 #	USES A+F
000*000	1942 * 1943	RCK MUST HAVE SAME ENTRY AS RCK IN PAM-8 ERRNZ #-3260A
003,260	1944 1945 RCK	Equ *
003.260	ł	
003.261 311	1948	RET
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1953 ** RCC S CALLED TO READ ACTIVE CONSOLE. 1954 RCC S CALLED TO READ ACTIVE CONSOLE. 1955 RCC S CALLED TO READ CONSOLE. 1956 RCC	1953 ** RCC - READ CONSOLE CHARACTER. 1954 ** RCC IS CALLED TO READ A MEYSTROKE FROM THE CONSOLE. 1956 ** FITAT TO READ A MEYSTROKE FROM THE CONSOLE. 1956 ** FITAT TO READ A MEYSTROKE FROM THE CONSOLE. 1957 ** FITAT TO READ A MEYSTROKE FROM THE CONSOLE. 1958 ** FITAT TO READ A MEYSTROKE FROM THE CONSOLE. 1950 ** FITAT TO READ A MEYSTROKE FROM THE CONSOLE. 1950 ** FITAT TO READ A MEYSTROKE FROM THE READ A MEYSTROKE STATE A MEYSTROKE STATE A MEYSTROKE STATE A MEYSTROKE STATE A MEYSTROME STATE A MEYSTROME STATE A MEYSTROME STATE A MEYSTROME STATE A MEXATER STATE A META READ A MEYSTROME STATE A META READ A MEYSTROME STATE A META READ A META STATE A META STATE A META READ A META STATE A META READ A META STATE A META STATE A META STATE A META READ A META STATE A META STAT	1953			70-47-17 Tt-17-07
1955 +	1994 1994 1994 1994 1994 1994 1994 1994 1994 1995	7301	*	•	EAD CONSOLE CHARACTER.
1956 F A RUBGUOT/DELETE IS RECEIVED; EXIT IS TO *ERROR*. 1956 F EXIT NONE 1958 F EXIT NONE 1959 F EXIT NONE 1950 F EXIT NONE 195	1956	1424	* #	-	CALLED TO READ A KEYSTROKE FROM THE CONSOLE.
1956	1956	1956	* #	'	180UT/DELETE IS RECEIVED, EXIT IS TO *ERROR*.
1960	1960	1958	* *	ENTRY	NONE TO ERROR - TE A DELETE OR RUBBUT IS ENCOUNTERED
1961 * USES AFF 1962 * USES AFF 1963 * USES AFF 1964 * USES AFF 1965 RCC EQU *	1962	1960	4		TO CALLER - WHEN A KEY IS HIT
1962	1962 * USES AFF 1963 * USES AFF 1964 RCC	1961	*		(A) = ASCII KEY VALUE
1964 1964 1964 1966 1966 1966 1966 1967 1967 1967 1967 1967 1967 1967 1967 1967 1967 1967 1972 1972 1972 1972 1972 1973 1973 1974 1973 1974 1974 1974 1975 1977	1946 1956	1962	*	USES	UL
1966 RCC EQU * 1967 RCI IN SCACE+UR-LSR INPUT ACE LINE STATUS REGISTER 1968 RCI IN SCACE+UR-RSR ELSE, ITHERE IS A DATA READY 1972 RCZ IN SCACE+UR-RSR ELSE, ITHPUT CHARACTER 1973 172 1973 ANI 011111118 IGSS ANY PARITY 1976 RET EROR IF RUBOUT, EXIT TO ERROR 11977 RET ELSE, EXIT TO CALLER 1978 * HCC - WRITE CONSOLE CHARACTER 1980 * HRITE A CHARACTER TO OUTPUT 1981 * HRITE A CHARACTER TO OUTPUT 1983 1951 1953 * EXIT NONE 1986 # CST IN SCACE+UR-RSR ELSE, INPUT CHARACTER 1986 * HRITE A CHARACTER TO THE CONSOLE UART PORT 1980 * HRITE A CHARACTER TO THE CONSOLE UART PORT 1980 * HRITE A CHARACTER TO THE CONSOLE UART HOLDING REGISTER IS 1980 # CST IN SCACE+UR-LSR INPUT ACE STATUS 1980 # CST IN SCACE+UR-LSR INPUT TO CONSOLE 1980 # CST IN SCACE+UR-LSR INPUT TO CONSOLE 1980 # CST INPUT TO CONSOLE 1980 # CST INPUT TO CONSOLE 1980 # CST INPUT TO CONSOLE 1980 # CST INPUT TO CONSOLE 1980 # CST INPUT TO CONSOLE 1980 # CST INPUT TO CONSOLE 1980 # CST INPUT TO CONSOLE	1966 RCC EQU # 1967 1967 ANI SC.ACE+UR.LSR INPUT ACE LIME STATUS REGISTER 333 355 1968 RCC IN SC.ACE+UR.LSR SEE IF THERE IS A DATA READY 334 177 1972 RCC IN SC.ACE+UR.RBR ELSE INPUT CHARACTER 335 350 1972 RCC IN SC.ACE+UR.RBR ELSE INPUT CHARACTER 336 177 1973 RET REROR ELSE EXIT TO CALLER 336 178 RET REROR ELSE EXIT TO CALLER 337 170 1975 RET RET REROR ELSE EXIT TO CALLER 336 1980 # RATT A CHARACTER TO THE CONSOLE UART PORT 337 355 1980 # EXIT Y (A) A SCLI CHARACTER TO OUTPUT 338 355 1980 HCC PUSH PSH SC.ACE+UR.LSR INPUT ACE STATUS 346 040 1990 HCCI IN SC.ACE+UR.LSR INPUT ACE STATUS 351 1991 JR Z.YHCCI 352 350 1999 HCCI RET SC.ACE+UR.THR GET CHARACTER 351 1993 RET SC.ACE+UR.THR GET CHARACTER 351 1993 RET SC.ACE+UR.THR GET CHARACTER 351 1995 RET SC.ACE+UR.THR GET CHARACTER 351 1995 RET SC.ACE+UR.THR RETRANSHITTER HOLDING REGISTER 351 1995 RET SC.ACE+UR.THR RETRANSHITTER HOLDING REGISTER 351 1995 RET SC.ACE+UR.THR RETRANSHITTER HOLDING REGISTER 365 ROT RETRANSHITTER RETRANSHITTER 365 ROT ROT RETRANSHITTER 365 ROT RETRANSHITTER 366 ROT RETRANSHITTER 367 ROT ROT ROT 368 ROT ROT ROT 368 ROT ROT ROT 369 ROT ROT ROT 369 ROT ROT ROT 360 ROT	1964			
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333 350 1972 RCC2 IN SC.ACE+UR*RBR ELSE, INPUT CHARACTER 346 177 1973 ANI 011111118 TOSS ANY PARITY 312 322 000 1975 JZ ERROR IF RUBGUT, EXIT TO ERROR 311 1979 ** HCC - WRITE CONSOLE CHARACTER 1980 * HCC - WRITE CONSOLE CHARACTER 1980 * ENTRY (A) * ASCII CHARACTER TO OUTPUT 1982 * ENTRY (A) * ASCII CHARACTER TO OUTPUT 1983 * ENTRY (A) * ASCII CHARACTER TO OUTPUT 1985 * ENTRY (A) * ASCII CHARACTER TO OUTPUT 1986 * EXIT NONE 1986 * EXIT NONE 1986 * EXIT OCCIONATE TO THE CONSOLE UART PORT 1986 * EXIT NONE 1986 * EXIT NONE 1986 * EXIT OCCIONATE TO THE CONSOLE UART PORT 1987 * EXIT NONE 1988 * EXIT NONE 1989 * EXIT NONE 1989 * EXIT NONE 1986 * EXIT NONE 1986 * EXIT TO CONFOLE 1986 * EXIT NONE 1986 * EXIT TO CONSOLE 333 355 1989 #CC PUSH PSW CONFOLE 1990 ANI UC.THE SEE IF TRANSMITTER HOLDING REGISTER IS 1990 ANI UC.THE SC.ACE+UR.THR OUTPUT TO CONSOLE 311 1995 RET	333 350 1972 RCC2 IN SC.ACE+UR.RBR ELSE, INPUT CHARACTER 346 177 1973 CP1 A.DEL 32 270 1974 CP1 A.DEL 32 320 000 1975 JZ ERROR IF RUBOUT, EXIT TO ERROR 311 1977 RET ELSE, EXIT TO CALLER 1980 * HRITE A CHARACTER TO THE CONSOLE UART PORT 1981 * HRITE A CHARACTER TO DUTPUT 1982 * ENTRY (A) = ASCII CHARACTER TO DUTPUT 1983 * ENTRY (A) = ASCII CHARACTER TO DUTPUT 1984 * EXIT NONE 1986 * USES NONE 1986 * USES NONE 1986 * USES NONE 1986 * USES NONE 1986 * USES NONE 1986 * USES NONE 1987 * USES NONE 1988 * USES NONE 1988 * USES NONE 1988 * USES NONE 1988 * USES NONE 1988 * USES NONE 1988 * USES NONE 1988 * USES NONE 1988 * USES NONE 1988 * USES NONE 1999 * USES NONE 1991 SINDIT TO CONSOLE 323 350 1991 SR ET 323 350 1994 * RET	050 372		JR	
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312 322 000 1974	312 322 000 1975	346 177		ANI	1118
1976 RET ELSE, EXIT TO CALLER 1977 ** WCC - WKITE CONSOLE CHARACTER 1980 * WRITE A CHARACTER TO THE CONSOLE UART PORT 1981 * WRITE A CHARACTER TO DUTPUT 1983 * ENITY (A) * ASCII CHARACTER TO DUTPUT 1985 * USES NONE 1985 * USES NONE 1986 WCC PUSH PSW SAVE CHARACTER 1988 WCC PUSH PSW SAVE CHARACTER 1988 WCC PUSH PSW SAVE CHARACTER 1989 WCL PUSH PSW SEE IF TRANSHITER HOLDING REGISTER IS 1991 JR 2,WCC1 323 355 1991 JR 2,WCC1 323 356 1998 WCT SC.ACE+UR.THR GET CHARACTER 323 356 1999 RET	1976 RET ELSE, EXIT TO CALLER 1979 ** HCC - HRITE CONSOLE CHARACTER 1980 * HRITE A CHARACTER TO THE CONSOLE UART PORT 1981 * HRITE A CHARACTER TO THE CONSOLE UART PORT 1982 * ENITY (A) = ASCII CHARACTER TO OUTPUT 1983 * ENITY (A) = ASCII CHARACTER TO OUTPUT 1984 * EXIT NONE 1985 * USES NONE 1985 * USES NONE 1986 HCC IN SCACE+UR.LS INPUT ACE STATUS 1987 AND AND AND 1991 JR Z. MCC. 1992 AND S. MCC. 1993 POP PSW GET CHARACTER 323 350 1994 GUT S. C. ACE+UR.THR 311 1995 RET S. ACE+UR.THR 311 1995 RET S. ACE+UR.THR 311 1995 RET S. ACE+UR.THR 312 S. ACE+UR.THR GUTPUT TO CONSOLE 313 350 S. ACE+UR.THR 314 S. ACE+UR.THR GUTPUT TO CONSOLE 315 S. ACE+UR.THR GUTPUT TO CONSOLE 316 S. ACE+UR.THR GUTPUT TO CONSOLE 317 S. ACE+UR.THR GUTPUT TO CONSOLE 318 S. ACE+UR.THR GUTPUT TO CONSOLE 319 S. ACE+UR.THR GUTPUT TO CONSOLE 310 S. ACE+UR.THR GUTPUT TO CONSOLE 311 S. ACE+UR.THR GUTPUT TO CONSOLE 312 S. ACE+UR.THR GUTPUT TO CONSOLE 313 S. ACE+UR.THR GUTPUT TO CONSOLE 314 S. ACE+UR.THR GUTPUT TO CONSOLE 315 S. ACE+UR.THR GUTPUT TO CONSOLE 316 S. ACE+UR.THR GUTPUT TO CONSOLE 317 S. ACE+UR.THR GUTPUT TO CONSOLE 318 S. ACE+UR.THR GUTPUT TO CONSOLE 319 S. ACE+UR.THR GUTPUT TO CONSOLE 310 S. ACE+UR.THR GUTPUT TO CONSOLE 311 S. ACE+UR.THR GUTPUT TO CONSOLE 311 S. ACE+UR.THR GUTPUT TO CONSOLE 311 S. ACE+UR.THR GUTPUT TO CONSOLE 312 S. ACE+UR.THR GUTPUT TO CONSOLE 313 S. ACE+UR.THR GUTPUT TO CONSOLE 314 S. ACE+UR.THR GUTPUT TO CONSOLE 315 S. ACE+UR.THR GUTPUT TO CONSOLE 315 S. ACE+UR.THR GUTPUT TO CONSOLE 316 S. ACE+UR.THR GUTPUT TO CONSOLE 317 S. ACE+UR.THR GUTPUT TO CONSOLE 318 S. ACE+UR.THR GUTPUT TO CONSOLE 319 S. ACE+UR.THR GUTPUT TO CONS	376 177 312 322 000		CP I JZ	IF RUBOUT, EXIT
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1979 ## #CC - #RITE CONSOLE CHARACTER 1980 ## #RITE A CHARACTER TO THE CONSOLE UART PORT 1981 # #RITE A CHARACTER TO THE CONSOLE UART PORT 1982 # EXIT NONE 1984 # EXIT NONE 1985 # USES NONE 1986 #CC PUSH PSH SAVE CHARACTER SAVE CHARACTER 1986 #CC PUSH PSH SC.ACE+UR.LSR INPUT ACE STATUS 1990 ANI UC.THE SEE IF TRANSHITTER HOLDING REGISTER IS 1991 JR Z. #CC1 2 #CC 1992 ANI S. *ACE+UR.THR GET CHARACTER OUTPUT TO CONSOLE 323 350 1994 OUT SC.ACE+UR.THR OUTPUT TO CONSOLE 311 1995 RET	1979 ## HCC - HRITE CONSOLE CHARACTER 1980 # 1981 # HRITE A CHARACTER TO THE CONSOLE UART PORT 1982 # ENTRY (A) = ASCII CHARACTER TO DUTPUT 1983 # ENIT NONE 1985 # EXIT NONE 1986 #C PUSH PSW SAVE CHARACTER 333 355 1989 HCC1 IN SC.ACE+UR.LSR INPUT ACE STATUS 346 040 1990 HCC1 IN SC.ACE+UR.LSR INPUT ACE STATUS 360 372 1991 JR Z.MCC1 361 1992 POP PSW GET CHARACTER 323 350 1994 OUT SC.ACE+UR.THR OUTPUT TO CONSOLE 311 1995 RET				
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		2095 2096		INPUT S	SHITCH TO SEE IF	TO BEGIN OPERATION OR MENORY TEST
004.055		2097	#	NI	H88.SW	GET SWITCHES
004.057	346 040	2099		ANI JZ	H88S.M MEMORY.	MASK FOR MEMORY TEST ONLY IF TO PERFORM MEMORY TESTS
i	ANNUINA DE VICTORIA DE CONTRACADO DE CONTRAC		*	REPLACE	1	ALLY AT THE JUMP WHICH GOT US HERE
004.064	021 371 00	6	*	ראו	D, PRSROM	ROM COPY OF PRS CODE
004.067	257	2105		XRA	A	INITIAL AUTO BOOT ELAG
004.073	303 003			STA	DATA INITO.0	INITIAL 3629 PORT DATA SAVE BYTE RETURN TO ORIGINAL CODE
004.076	303 003	210		ARC.	INITOO	KETUKN TO ORIGINAL CUDE

HIK90-1 - H/Z-89 MOMITOR H88/H89 NOW MASKABLE INTERRUPT		#0700E+01#		UNIX HBASM VI.4-1 5-JUI-80 PAGE	age 54
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		- INN ++++	NOW MASKABLE	INTERRUPT	
	2133 #	LEX	IS HISED AS THE	TRAP ENV ALL TILECAL BODT DENLIESTS	
	1	.		אבר גרנינאר דטאר	
	- 1	PORT	ADDRESSES TRAPPED	PED ARE:	
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				3730 CONSOLE CONTROL FOR AN 8251A	
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	2146 *		2	NEWSTRIP AND RESTONATE TO AS TOTACHES.	
- An arther values at a professionary option of a state of the state o			¥	3609 RETURNS WITH (A) . 3770 TO SHOW THAT	
				NO FRONT PANEL SWITCHES ARE PRES	
	2149 #		9170		
				SOUR RUYES BILL 6 (CB.CLI) TO BIT IS AND	
	2152 #			BIL 4 (CB.SSI) INTERIED, IU BIL D9 AND DUTPUTS THESE BITS IN PORT 3620 IN	
And the state of t		A THE RESIDENCE OF THE PROPERTY OF THE PROPERT	and the state of t	CONTROL THE CLOCK AND SINGLE STEP INTERRUPTS	
	2155 *		TUO	OUTPUTS TO 3619, 3729, AND 3739 JUST RETURN	
			and adding ordered community of a community of the commun	Alles and the second se	
	2158 *		SIDANT	IIS FRUM 3614, 3724, AND 3734 RETURN MITH (A) = 0 TO INDICATE AN EMPTY BUSS	
	2159 *				
	1		SMTO VOLUE		
	- 1				
			EXIT NONE		
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	2165 * 2166		USES (A)	(A) ONLY IF "FAKING" AN INPUT	
1	1				
343	188 MAI			GET RETURN AUDRESS FROM STACK	
004.117 042 064 040 004.122 343	2169 2170	SHLD	NM IRET	SAVE FOR LATER USE PUT RETURN ADDRESS BACK ON STACK	
	2172	HSU 4	I	SAVE REGISTERS	
004.124 305	2173	PUSH	8		
- 1	2174	PUSH	P.S.₩		
	21.75	202	¥ 63	SAVE (A) PRIOR TO I/O	
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004.140 376 361 004.142 050 010	2185	CP 1	3610 7-MMIO 6	MAKE SURE PORT IS LEGAL	
	3	2	COLUMBA		

004-114 376 372 2188 CPI 3720 004-115 050 004 2189 JR 2-NHIO-5 004-115 050 004 2189 LB 24-NHIO-5 004-115 050 004 2189 LB 24-NHIO-5 004-115 050 004 2189 LB 2193 LB RAINING BENTALLY BEN	
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17 17 17 17 17 17 17 17	004.24		2243	ATB	¥0.	M, M	
021 205 001 2247	004-24	076 012 315 052	1	A THE PARTY OF THE	MVI	A,10 LRA.	1
2250 ERRHI 4256A-* 2251 0KG 4256A 2252 ** BOOT H-17 OR 247 ENTRY POINT FOR H88 2253 ** ENTRY NONE 2255 ** ENTRY NONE 2255 ** EXIT (DE) = NORHAL BOOT ROUTINE ADDRESS 2255 ** EXIT (DE) = NORHAL BOOT ROUTINE ADDRESS 2256 ** EXIT (DE) = NORHAL BOOT RESSAGE 2257 ** USES ALL 2258 ** USES ALL 2258 ** USES ALL 2259 ** Odd 2260 BOOT LXI H;NSG.8T COMPLETE BOOT NESSAGE 315 100 006 2261 CALL TYPHSG 315 026 003 2264 CALL RAU 021 2263 HVI A:10 021 2263 HVI A:10 021 264 CALL RAU 022 2264 CALL RAU 043 2264 CALL RAU 163 2265 HVI H 163 2265 HVI H 164 2265 BOOTX HOV H;E 165 2266 BOOTX HOV H;E 167 2266 BOOTX HOV H;E 168 2267 HVI H 169 2269 EI 303 063 000 2270 JMP GO. DO IT	004.25	021 205 030 017			LXI JR	0, AUTOBO 800TX	1 1
255 ** B00T H-17 OR Z47 ENTRY POINT FOR H88 2253 * ENTRY NONE 2253 * ENTRY NONE 2254 * ENTRY NONE 2255 * EXIT (DE) = NORMAL BOOT ROUTINE ADDRESS 2255 * EXIT (DE) = NORMAL BOOT ROUTINE ADDRESS 2256 * OSS ALL 2257 * OSS ALL 2258 * USES ALL 2259 * USES ALL 2259 * USES ALL 2259 * USES ALL 2259 * USES ALL 2259 * USES ALL 2250 * USES ALL 2250 * USES ALL 2250 * USES ALL 2250 * USES ALL 2250 * USES ALL 315 100 006 2261 CALL TYPNSG 315 022 003 2264 CALL LRA. 316 052 003 2264 CALL LRA. 317 052 003 2264 CALL LRA. 318 052 003 2264 CALL LRA. 3269 * USES BOOT MAY MAY MAY MAY MAY MAY MAY MAY MAY MAY	000.00	0	2250		ERRHI	42564-#	
2254 # ENTRY NONE 2255 # EXIT (DE) = NORMAL BOOT ROUTINE ADDRESS 2256 # EXIT (DE) = NORMAL BOOT ROUTINE ADDRESS 2259 # USES ALL 2259 # USES ALL 3259 # USES PL 3259 # USES PL 3250 BOOT LXI H#MSG.BT COMPLETE BOOT MESSAGE 363 2264 CALL TYPHSG 371 226 MVI A+10 371 261 001 2265 LXI D,NBOOT SET ITS VALUE TO THE NORMAL 372 2266 BOOTX MOV M+E 373 2269 EI 373 063 000 2270 JMP GO. 00 IT	004.63	0	2252	* *	-H 1008		RY POINT FOR H88
2556 # EXIT (DE) = NORMAL BOOT ROUTINE ADDRESS 2257 # USES ALL 2258 # USES ALL 2259 # USES ALL 2259 # USES ALL 2259 # USES ALL 2259 # USES ALL 315 100 006 2260 BOOT LXI H+MSG-BT COMPLETE BOOT MESSAGE 315 100 006 2261 DI TYPHSG 363 2264 CALL LRA. GET LOCATION OF USER PC 315 052 003 2264 LXI D, NBOOT SET ITS VALUE TO THE NORMAL 315 2266 BOOTX HOV H+E 3267 INX H 162 2268 HOV H+E 3373 063 000 2270 JMP GO. DO IT	The state of the s		2254	* *	ENTRY	NONE	
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041 234 006 2260 800T LXI H;NSG.8T COMPLETE BOOT MESSAGE 315 100 006 2261 CALL TYPHSG 363 2262 DJ DJ 315 052 003 2264 CALL LRA. 021 261 001 2265 BOOTX HOV M;E 163 2266 BOOTX HOV M;E 164 2268 HOV M;E 165 2268 HOV M;E 166 2269 HOV M;E 373 2269 HOV M;D 373 063 000 2270 JMP GO. 00 IT		de de la companya de la companya de la companya de la companya de la companya de la companya de la companya de	2258	*	USES	ALL	
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315 052 003 2264 CALL LRA. GET LOCATION OF USER PC 021 261 001 2265 LXI D.NBOOT SET ITS VALUE TO THE NORMAL 163 2267 HDV H,E 162 2268 HDV H,D 373 2269 EI 303 063 000 2270 JHP GD. DØ IT	004.26	363	1		OI	A.10	
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	and. Some supplies			HAT THE REAL PROPERTY OF THE PERSON NAMED IN COLUMN NAMED IN C			
	Adventure formation						

ITUE NOI FUK BUDI					70-03-1-17 61-07-07
	2273	*	TMOUT	- BOOT CODE TIME DUT ROUTINE	DUT ROUTINE
	2274	#			
	2275	桥 -	TMOUT	IS ENTERED FROM TIME	IS ENTERED FROM TIMER INTERRUPT EVER 100 MS. AND IT WILL
	9/77	* +	E 7 1 1 :	IF BUU! SUCCESS IME	SUN COUNTY FOR A FOOD CAP FILE
	2278			THEM ARROT ROOT	247 S TO MORITO 1000
	2279	. *		IF < 155 & 3.55 THEN RE-BOOT	1.1. a 10 non 1.10 non 1.00 no
	2280	*			
	2281	#	NOTE: E	Because the H37 and h	Because the H37 and H67 run with interrupts disabled
	2282	* +	,	during portions of th	during portions of the code, they handle their own
	5877	¥ 4	-	time outs.	
	2285	, + *	ENTRY:	(TMFG) *	1 IF THE TIME OUT IS FOR 247
an descharquiste describeranists describates administration describer establishments describer describerations	2286	# +	. F 1 > U	¥	O IF THE TINE OUT IS FOR HI?
- Annahaman orang palande is an elimone reason reseal francisis a major el immersión mention palament de les aceles	1077	+ 4		NONE	defends of the control of the contro
	2289	• *	USE:	ALL (MHEN RETURN, A	ALL (WHEN RETURN, ALL REGISTERS ARE RESTORED)
	2290			A STATE OF THE PROPERTY OF THE	
	2291	THOUT	EOU	*	
004.304 333 355 004.306 346 001	2292		Z I	SC.ACE+UR.LSR UC.DR	INPUT ACE LINE STATUS REGISTER
1	2294		ج ج	2,TM0UT4	CHECK IF IT IS <delete></delete>
	2295				
004.312 333 350 004.314 346 177	2296		N N	SC.ACE+UR.RBR 011111118	INPUT DATA FROM KB IS IT ?
376 177	2298		CPI	A.DEL	
312 1	5589		75	NODEV	IF IT, ABORT THE BOOT
004.323 041 121 041	2300	* TMOUT4	ΓXΙ	H. TMFG	ELSE IGNORE THE INPUT
326 176	2302		MOV	A, H	
1	2303		ANA	<	
004,330 010	2304		90	AIL COXAF	SAVE Z FLAG
247	2306		444	A A COM 1	CET 2500 51 AC
004.335 040 024	2307		£ 2	NZ . THOUT 2	NOT IN 0.5 SECOND
043	2308		INX	I.	SET TO AYCNY
	2309		ERRN Z	MYCNT-TMFG-1	MYCAT MUST FOLLOW THEG
	2310		2 :	· :	INCREASE THE COUNT FOR 0.5 SECOND
176	2311		HOA	Asil	SUID OF STATE TOWN OF STATE
004.342 370 030	2313		ָר כּי	NOOR V	CHECK IT HOKE THAN IN SECONDS
336 007	2314	THOUTE	SBI	7	IS IT 3.5 SECONDS?
070	2315	1	× 7	C, TMOUT2	IF NOT TAIL
040	2316		×	NZ , THOUT 1	CHECK HORE
010	2317		90	MI.EXAF	
302	2318		2N5	RETRY	IF IT IS 247, THEN RE-800T
361	2319		¥	IMOUTS	II IS H-17, CONTINUE IT CLOCK ROUTINE
004.363 010	2320	TMOUTZ	8 2 2	MISEXAF	CHECK IT IS 247 OR H17
364 300	1767	TROUTS	ON	C1 0CK12	CONTINIE UT O DO DOUTINE
004,365 303 031 034	2322	TMOUTS	d H 7	CLOCK17	CONTINUE HIT CLOCK ROUTINE

000°000	2325		ERRMI	4370A-*	
004.370	2326 2327	*	DRG SUBM -	4370A SUBSTITUTE MEMORY	8.4 8.4
	2328	* *	SUBM I	A MEMORY A	DORESS FROM THE CONSOLE AND THEN DISPLAYS
	2330	*	THAT	DORESS AND ITS (ONTENTS. IF A CARRIAGE RETURN IS THEN TYPED,
	2331	*	CONTRO	L RETURNS TO THE	CONTROL RETURNS TO THE MONITOK. IF A SPACE IS TYPED, THE NEXT
	2552	* *	TYPED.	THE PREVIOUS ME	NIENIO AKE ULVELATED. IT A MINGU VIGN IV Bory Location and Contents are displayed.
	2334	*	IF AN	DCTAL CHARACTER	IS TYPED, A BYTE IS ENTERED AN PLACED AT THE
	2335	#	CURREN	T MEMORY LOCATIC	X.
	2336	* *			
	2338	*	ENTRY	NONE	
	2339	* *	USES	AsEsHols F	
	2341			***************************************	
004,370 041 201 006	2342	SUBM	ĽXI	H, MSG, SUB	COMPLETE SUBSTITUTE MESSAGE
315	2344		CALL	TYPMSG	TABLET CIDET FURBACTED
320 015	2346		RNC	2047	IF A RETURN, EXIT
	2347				
005.002 041 003 040 005.005 026 015	2348		CXI A I	H, I DWRK + 1 D, A, CR	ELSE, INPUT STARTING ADDRESS ENDING WITH A RETURN
315 02	2350		CALL	IOA	SSOUNT FIRST TO ST
1	2352		ארטפ	Author countries and a second property of the countries o	(1911 - 1870) AUDRESS
- 1	2353	SUBMI	CALL	TOA	TYPE CRLF, ADDRESS, AND A SPACE
176 315	2354 2355		HOV CALL	A9M T08	GET MEMORY CONTENTS FOR DISPLAY
005.022 076 040 005.024 315 302 003	2356		MV I CALL	A MCC	SPACE
315 051	2358	SUBM2	CALL	100	INPUT FIRST CHARACTER
005.032 322 075 005	2360		ONC	SUBM7	IF FIRST CHARACTER IS OCTAL
005.035 376 040	2362		CPI	SUBM4	SPACE?
0.43	2364	SURMS	1 NX	T	POINT TO NEXT ABORESS
005.043 303 013 005	2366		d#C	SUBMI	DISPLAY MEXT
005-046 376 055	2368	SUBH4	CPI	9-0 Silank	ALNUS?
315 302	2370	SUBMS	CALL	MCC	ECHO HYPHEN
1	2372		NCX.	T	POINT TO PREVIOUS ADDRESS
10 505	2374	1	140	THONS	DISTAL FREYLOUS
005.064 310	2376	00000	RZ	A•¢R	IF RETURN, EXIT
076	2378		IAN	A.A.BEL	ELSE. DING BELL
005.067 315 302 003	2379		CALL	HCC	
				1	

2381 066 000 2382 SUBH7 MVI 2383 302 003 2384 SUBH8 CALL 315 352 014 2385 CALL 315 051 015 2386 SUBH9 CALL 315 051 015 2386 SUBH9 CALL 315 051 015 2389 CPI 312 040 2389 CPI 312 053 005 2391 JZ 312 053 005 2392 CPI 316 055 2393 CPI 317 053 005 2399 CALL 318 302 003 2394 CALL 303 105 005 2400 WWI 2404 WWI 2408 WWI 315 262 003 2414 WOCO CALL 316 056 2415 CPI 317 060 CPI 332 156 005 2418 CPI	ZERD BYTE TO BE BUILT ECHO OCTAL CHARACTER INPUT NEXT CHARACTER SPACE? IF SPACE, DISPLAY PREVIOUS RETURN? IF RETURN? IF RETURN? IF RETURN? IF RETURN? KETURN? KETURN? KETURN GRAN OCTAL CHARACTER
315 302 003 2384 SUBH8 CALL 315 352 014 2385 SUBH9 CALL 315 051 015 2386 SUBH9 CALL 322 077 005 2389 CAL 312 053 005 2390 JZ 376 040 2389 CPI 312 053 005 2393 JZ 376 015 2395 CPI 310 2396 RZ 2397 RYI 315 302 003 2399 CALL 303 105 005 2400 TRZ 2405 TRC 2406 TRC 2406 TRC 2406 TRC 2406 TRC 2406 TRC 2406 TRC 2406 TRC 2407 TRC 2407 TRC 2408 TRC 240	ECHO OCTAL CHARACTER INPUT NEXT CHARACTER IF OCTAL SPACE? IF SPACE, DISPLAY NEXT MINUS? IF NEURN? IF METURN? IF METURN? IF METURN? IF METURN. ELSE, DING BELL IRY AGAIN OR AN OCTAL CHARACTER
315 051 015 2386 SUBN9 CALL 322 077 005 2387 JNC 312 042 005 2399 JZ 312 042 005 2399 JZ 314 055 005 2399 JZ 315 053 005 2399 CPI 316 055 005 2399 CPI 317 050 007 2399 CALL 303 105 005 2400 JHP 2409 # ENTRY 2409 # ENTRY 2409 # EXIT 2	INPUT NEXT CHARACTER IF OCTAL SPACE? IF SPACE, DISPLAY NEXT IF SPACE, DISPLAY PREVI RETURN? IF MINUS, DISPLAY PREVI RETURN? IF RETURN, EXIT ELSE, DING BELL TRY AGAIN OR AN OCTAL CHARACTER
040 2388 CPI 042 005 2399 JZ 055 2392 JZ 053 005 2393 JZ 015 2395 CPI 2396 RZ 2397 CALL 105 005 2406 * IROC 2406 * IROC 2406 * ENTRY 2407 * ENTRY 2408 * ENTRY 2408 * EXIT 2410 * USES 2411 * USES 2412 CALL 015 2415 CPI 2410 * CALL 015 2410 * CALL 016 2410 * CALL 017 CALL 018 CALL 019 CALL	SPACE? IF SPACE, DISPLAY NEXT HINUS? IF MINUS, DISPLAY PREVI RETURN? IF RETURN; EXIT ELSE, DING BELL TRY AGAIN OR AN OCTAL CHARACTER
312 042 005 2390 JZ 376 055 2392 JZ 312 053 005 2393 JZ 376 015 2395 CPI 310 2396 RZ 310 2399 RVI 315 302 003 2399 CALL 303 105 005 2400 TRC 2406 TRC 2407 TRC 2406 TRC 2407 TRC 2406 TRC 2407 T	IF SPACE, DISPLAY NEXT MINUS? IF MINUS, DISPLAY PREVI RETURN? IF RETURN, EXIT IF RETURN, EXIT IRY AGAIN OR AN OCTAL CHARACTER
376 055 2392 CPI 312 053 005 2393 JZ 316 015 2395 CPI 310 2396 RZ 076 007 2398 HVI 303 105 003 2399 CALL 303 105 005 2400 HRIC 2404 HRIC 2404 HRIC 2404 EXIT 2407 EXIT 2408 EXIT 2408 EXIT 2408 EXIT 2408 EXIT 2408 EXIT 2408 CALL 315 262 003 2412 CALL 316 015 2412 CALL 3176 060 CALL 331 260 05 2416 CPI 332 156 005 2416 CPI 332 156 005 2419 JC	MINUS? IF MINUS, DISPLAY RETURN? IF RETURN, EXIT ELSE, DING BELL TRY AGAIN OR AN OCTAL CHARACTE
2394 376 015 2395 310 2396 RZ 2397 076 007 2399 AVI 315 302 003 2399 CALL 303 105 005 2400 2403 ** IROC 2406 * IROC 2406 * IRCC 2406 * EXIT 2400 * EXIT 2400 * EXIT 2410 * USES 2412 2413 2413 376 015 2415 376 060 2416 332 156 005 2419 332 156 005 2419 310 2417	RETURN? IF RETURN, ELSE, DING TRY AGAIN
310 2396 RZ 2397 HVI 315 302 003 2399 HVI 303 105 005 2400 JMP 2403 ** IROC 2404 * IROC 2404 * IROC 2404 * EKIT 2407 * EKIT 2408 * EXIT 2409 * EXIT 2	ELSE, DING TRY AGAIN OR AN OCTAL
315 302 003 2399 HVI 315 302 003 2399 CALL 303 105 005 2400 JMP 2403 ** IROC 2405 * IROC 2405 * IROC 2405 * ENTRY 2400 * EXIT 2400 * EXIT 2410 * USES 2412 2413 2411 * USES 2413 376 015 2415 ROCO 2415 376 060 2416 CPI 332 156 005 2419 JC	ELSE, DING TRY AGAIN OR AN OCTAL
303 105 005 2400 JHP 2403 ** IROC 2404 * IROC 2405 * IROC 2407 * ENTRY 2408 * EXIT 2409 * EXIT 2409 * EXIT 2410 * USES 2412 2413 315 262 003 2414 IROCO CALL 316 015 2415 CPI 376 060 2416 CPI 332 156 005 2419 JC	TRY AGAIN OR AN OCTAL
2403 ## IROC 2404 # IROC 2405 # RECEI 2407 # RECEI 2407 # ENTRY 2408 # ENTRY 2409 # EXIT 2410 # USES 2411 # USES 2412 CPI 315 262 003 2414 IROCO CALL 316 015 2415 CPI 376 060 2416 CPI 332 156 005 2419 JC	OR AN OCTAL
2404 * 1ROC 2405 # RECEI 2407 # RECEI 2407 # ENTRY 2408 # ENTRY 2409 # EXIT 2410 # USES 2411 # USES 2413 * CALL 316 015 2415 CPI 376 060 2416 CPI 332 156 005 2416 CPI	
2406 # RECEI 2407 # ENTRY 2408 # ENTRY 2408 # EXIT 2410 # USES 2411 # USES 2412 2413 315 262 003 2414 IRDCO CALL 376 015 2415 CPI 376 060 2416 RZ 332 156 005 2419 CPI 332 156 005 2419 CPI	RACTER FROM THE CONSOLE AND WAITS UNTIL IT
2408 # ENTRY NONE 2409 # EXIT (A) = 2410 # USES AyF 2411 # USES AyF 2412 2412 2413 315 262 003 2414 IRDCO CALL RCC 376 015 2415 CPI A*CR 310 2417 RZ 376 060 2418 CPI RCC 332 156 005 2418 CPI ROCI	VES EITHER A VALID OCTAL CAHRACTER OR A CARRIAGE RETURN
2410 * USES A,F 2412 2412 2413 315 262 003 2414 IROCO CALL RCC 376 015 2415 CPI A,CR 310 2416 RZ 376 060 2416 CPI (RZ 376 060 2416 CPI (RZ 377 060 2416 CPI (RZ 378 060 2416 CPI (RZ	UT CHARACTER
315 262 003 2412 2413 316 015 2415 RDCO CALL 310 2415 CPI 310 2416 RZ 2416 RZ 2417 CPI 332 156 005 2419 JC	SET IF CHARACTER IS OCTAL
315 262 003 2414 IROCO CALL 376 015 2415 CPI 310 2416 RZ 2417 RZ 376 060 2418 CPI 332 156 005 2419 JC	
310 2416 R2 2417 376 060 2418 CPI 332 156 005 2419 JC	INPUT CHARACTER RETURN?
376 060 2418 CPI 332 156 005 2419 JC	IF A CR
	< 0? IF < 0CTAL
376 070	V 87
330 2422 RC 2423	IF OCTAL
2424 IROC1 003 2425	ELSE, RING BELL
303 012 015 2426 JMP	TRY AGAIN

166 305 167 102 170 036 000 172 345 173 041 000 000 176 324 262 003 201 315 302 005	2428 ** 2430 * 2431 * 2431 * 2431 * 2431 * 2433 * 2433 * 2435 * 2433 * 2435 * 2440 IUAI 2444 2445 IUA2 2444 2446 IUA2 2444 2446 IUA2 2444 2446 IUA2 2444 2446 IUA2 2444 2446 IUA2 2444 2446 IUA2 2444 2446 IUA2 2444 2446 IUA2 2446 2446 IUA2 2446 2446 IUA2 2446	IDA1 - I IDA1 IS WITHOUT ENTRY EXIT USES USES PUSH HVI PUSH CAL CALL JC CALL ANI PUSH OAD	1 - INPUT OCTAL ADDRESS 1 IS A CONTINUATION OF *IOA* AN HOUT REQUIRING LEADING ZEROS RY (H)L) = ADDRESS + I WHERE (A) = FIRST OCTAL CHARACTER (A) = LAST INPUT ADDRESS T (0,e) = INPUT ADDRESS T (0,e) = INPUT ADDRESS A,D,E,H,L,F H B SAVE (B,C) E,O CLEAR PSEUH B,O SET NEH YAN SET NEH YAN SET NEH YAN SET NEH YAN SET NEH YAN HO SET	SSS WG ZEROS W
305 102 036 000 345 041 000 000 345 252 003 315 271 005 315 302 003		ENTRY ENTRY EXIT USES USES USES USES USES CALC CALC CALC SC CALC SO OAD	A CONTINUATION REQUIRING LEADI (H,L) = ADDRESS (A) = FIRST OCT (D,E) = INPUT A (A) = LAST INPUT A,D,E,H,L,F B,D E,0 E,0 H,0 H,0 H,0 IOC.	AND INPUTS A SPLIT DCTAL RE INPUT ADDRESS IS TO BE CTER IF °C° IS SET TER FRINATION CHARACTER SEUDO FLAGS ORESS HHERE INPUT IS TO BE VALUE TO ZERO Y SET, FIRST CHARACTER IS ALIDITY TAL
305 102 036 000 345 000 345 262 003 315 271 005 332 230 005		ENTRY EXIT USES USES PUSH MVI PUSH CLKI CALL JC CALL ANI PUSH OAD	REQUIRING LEADI (H,L) = ADDRESS (H,L) = FIRST OCT (D,E) = INPUT A (A) = LAST INPU (A) = LAST I	CTER IN CTER IN CO. CO. CERNINA ERNINA SEUDO OMESS VALS TAL
305 102 036 000 345 000 345 000 345 100 000 315 271 005 315 271 005 315 302 003		>		ELC SO STILL OF THE STILL OF TH
305 102 036 000 345 000 041 000 000 324 262 003 315 271 005 332 230 005				S S S S S S S S S S S S S S S S S S S
305 102 036 000 345 000 324 262 003 315 271 005 332 230 005				S S S S S S S S S S S S S S S S S S S
305 102 036 000 345 000 324 262 003 315 271 005 332 230 005			A,D,E,H,L,F B,D E,0 E,0 H,0 M,0 I,0C, I,0C,	SAVE (8,C) (B) = TERMINATION CHARACTER CLEAR PSEUDO FLAGS SAVE ADDRESS WHERE INPUT IS TO BE PLACED SET NEH YALUE TO ZERO TE CARRY SET, FIRST CHARACTER IS IN ACC CHECK VALIDITY IF < OCTAL
305 102 036 000 041 000 000 324 262 003 312 271 005 332 230 005			8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	SAVE (8,C) (B) = TERMINATION CHARACTER CLEAR PSEUDO FLAGS CLEAR PSEUDO FLAGS ST ADDRESS HHERE INPUT IS TO BE PLACED SET NEH VALUE TO ZERO IF CARRY SET, FIRST CHARACTER IS IN ACC CHECK VALIDITY IF < OCTAL
305 102 036 000 041 000 000 324 262 003 315 271 005 332 230 005			8 8 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	SAVE (8,C) (B) = TERMINATION CHARACTER (LEAR PSEUDO FLAGS CLEAR PSEUDO FLAGS CLEAR PSEUDO FLAGS SET ADDRESS WHERE INPUT IS TO BE PLACED SET NEW YALUE TO ZERO IF CARRY SET, FIRST CHARACTER IS IN ACC CHECK VALIDITY IF < OCTAL
102 036 000 345 041 000 000 324 262 003 315 271 005 332 230 005		_	89,D E90 H90 H90 RCC 10C.	CLEAR PSEUDO FLAGS CLEAR PSEUDO FLAGS CLEAR PSEUDO FLAGS CLEAR PSEUDO FLAGS SET NEW VALUE TO ZERO TF CARRY SET, FIRST CHARACTER IS IN ACC CHECK VALIDITY TF < OCTAL
345 041 000 000 324 262 003 315 271 005 332 230 005 315 302 003		_	H + 0 RCC IOC •	SAVE ADDRESS WHERE INPUT IS TO BE PLACED SET NEW VALUE TO ZERO IF CARRY SET, FIRST CHARACTER IS IN ACC CHECK VALIDITY IF < OCTAL
041 000 000 324 262 003 315 271 005 332 230 005 315 302 003	1 1 1 1		H+0 RCC IOC. IOA3	
324 262 003 315 271 005 332 230 005 315 302 003	1 1 1		RCC 10C. 10A3	
332 230 005	444 4449 450 451		IOA3	IF < OCTAL ECHA OFTAL CHABACTER
207 315 302 003	4448 449 450 451	CALL ANI PUSH DAD		Erun oftal CHADACTEP
000 H00 740 1911	450 451 452	ANI PUSH DAD	JOR	
• CIC 340 UU/	451 452	PUSH DAD	000001118	GET BINARY VALUE
365	764	OVO	HSd	SAVE NEW CHARACTER VALUE
051	453	OVU		י מא
051	454			
365	455 456	_	₽S₩	SAVE CARRY FROM DAD SAVE FLAG RESULT IN E
005-222 361 2	457		PSW	RETURN NEW CHARACTER VALUE TO (A)
157	459		L,A	
303 176 005	460	JAP	IOA2	SEE IF MORE CHARACTERS
270	461 462 IDA3	CMP	8	TERMINATING CHARACTER?
005-231 312 245 005 2	463		I 0A4	IF EQUAL
	465		Andrew Control of the	
076 007	466		A, A, BEL	ELSE, DING BELL
005,236 315 302 003 2,	467	CALL	HCC •	CLEAR CARRY
303 176 005	694	JMP	IOA2	
7	471 *	END OF I	INPUT, PUT VALUE	IN MEMORY AND EXIT
246 216 303 003	-		2.27	ECHO CHAPACTER
315 302 003 127	474 10A4	HOV	ncc D, A	LAST CHARACTER TO D
	475	PUSH) ()	(PSW) * RESULT OF DAD
174	477	MOV	A, H	MAKE (H) INTO SPLIT OCTAL
037	478	RAR	The state of the s	
147	479	> > E E	H, A	RESTORE LAST INPUT CHARACTER
353	1481	ХСНС		4 4 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
	482	ŞĆ	G* X	(HIL) - LUCALIUM IU TLACE ITIS AUUKESS

SUPPUKI KUDITNES	1001			1041 10	10:41:56 1/-reb-oz
1 1	2484	DCX	I	3	
005, 263 163	2485	P 09	. B	RESTORE (8,C)	
005.265 311	2487	RET			
	2489 **	100	INPUT OCTAL	CHARACTER	
	2490 *				
	2492 *	ENTRY	NONE (A)	T CHARACTER	
	2493 *	USES	1C1 =	SET IF CHARACTER NOT OCTAL	
	2496				
1	003 2498	1000 CALL	80°	INPUT CHARACTER	
005.271 376 060	2500			IF CHARACTER < OCTAL	AL
- 1		CPI	181	CHARACTER > OCTAL?	X.
005.276 077	2504	RET			
		** T0A	- TYPE OCTAL A	ADDRESS	
	2507 *	T0A	OUTPUTS TO THE CONSOLE	A CRLF, THE	SPCECIFIED ADDRESS AND A SPACE
	1		(H,L) =	ADDRESS TO BE DISPLAYED	
	2511 *	EXIT			
	1				
005,300 076 015	2515 2515 005 2516	TOAO HVI	A,A.CR HCR.	CRLF	
	2517	TOA. MOV		ADDRESS	
315	1	CALL			
005,311 175	322 005 2521 322 005 2521	CALL	1080		
076	2522 040 2523 302 003 2524	IAVI	A, " WCC	SPACE	
3					
And the second s					

		25.26	#	TO8	TYPE OCTAL SYTE		
Vanish		2527	#			THE PARTY OF THE P	enderen besteht e deren besteht er deren besteht er deren besteht er besteht er besteht er besteht er besteht er
		2528	*	T08 0U	DUTPUTS TO THE CO	CONSOLE IN OCTAL, THE BYTE IN A	
		2530	• *	ENTRY	(A) = 8YTE TO	BE OUTPUT	
		2531 2532	* *	EXIT USES	NONE A,F		
i sa dinapatakin, damparu, saka pitaka katasaran katasaran katasaran		2533 2534					
1	000	2535	T080	PUSH	63 62	NIMBER OF CHARACTERS - 1	Michigan distribution descriptions and the second s
1	2	2537		MOV	C, A	AL BYTE	
1		2538		ANA	٧	CLEAR CARRY	
		2540		RAR		SHIFT TOP BYTE TO LSB	
		2541	1081	R R R R R R		SHIFT MIDDLE BYTE TO LSB	
005,333 037		2543		RAR		anganan atan kapatan da kapatan da kapatan da kapatan da kapatan da manda unturkan da kapatan da kapatan da ka	
1		2545		ANI	000001118	MASK FOR HALF ASCII	
	302 003	2546		ORI	00110000B	MAKE WHOLE ASCII	a de la companya de
	305	2548		MOV	AyC	GET ORIGINAL BYTE	
005.345 005	332 005	2549		OCR JNZ	8 T081	IF SECOND BYTE STILL NEEDS TO BE OUTPUT	
}	200	2551		INA	000000		and the second s
005.353 366	90	2553		ORI	00110008		
1	302 003	2555		JH6	MCC		
		2557	*	MCR - 1	- WAIT FOR A CARRIAGE	IAGE RETURN	
		2559	* *	MCR IN	PUTS CHARACTERS	INPUTS CHARACTERS FROM THE CONSOLE UNTIL A CARRIAGE RETURN	
		2560 2561	* *	IS REC	EIVED AND THEN	ECHOS A CRLF	
		2562 2563	* *	ENTRY	NONE		
		2564	**	EXIT USES	NDNE A9F		
		2566 2567					
005.361 315	262 003	2568	MCR	CALL	RCC A.CR	IMPUT CHARACTER	
1		2570		J.R	NZ 9 H CR	IF NOT A CR	
005,370 315	302 003	2572	¥CR.	CALL	MCC A.A.I.F	ELSE, ECHO CR	
375		2574	-	CH.	HCC		er en en en en en en en en en en en en en

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	Section and the section of the secti	257		VIEN3 -	- +VEIN+ CONTINUATION	ардырда артадарды артада жайын жайын жайын жайын жайын жайын жайын жайын жайын жайын жайын жайын жайын жайын ж Тоо
		2577 2578	- 1			
000,000	302 066 002 315 355 003		9 VIEH3		VIEW2	IF NOT END OF LINE FND OF LINE, RESTORE ADDRESS
900 • 900	076 015	1	1	IAW		
006.010	303	- 1	.2	JAP	The second secon	DO ASCII STUFF
000.010		258	m 💠	ERRA! ORG	6023A-*	
			The second section of the section of the sect			
		2586		DAT	- DATA BYTE OUTPUT	10 2-47
		2587	* *	ENTRY:	(A) = 8YTE TO DUTPUT	
-		2589	1			
		259	-	EXIT:	$(A) = BYTE TO OUTPUT$ $(D) = S_1DTR$	
		259				
		2593	# m d	USE:	AF, 0	
006.023	026 200	2595	5 DAT	EQU		SET MATCH COMPITION TO DATA TO ANGEGO
006.025	030 002	2597	7	¥ 7		REQUEST BIT
000 000	4	2598	80 0	ERRMI	6027A-*	THE PROPERTY OF THE PROPERTY O
70.000				240	W.700	
		2601	1 ***	COM	- GUTPUT COMMAND BYTE TO	24-2
		2602		ENTRY:	(A) . COMMAND BYTE	
		2604 2605	* *	EXIT:	8	
		260	# 4	-	S. DON	
- Commence of the Commence of	ACCES TO A SECTION AND ADDRESS OF THE PROPERTY	2608		USE:	AF, 0	
006.027	036 040	261	0 COM	EQU		SET MATCH COMMITTION TO DAME DIT
006.031		2612	l		TS.	
006.035	242	1	A WILDON			KEAD CURINCLER SIAIDS KREISIER
006.036	050 372	261	5	~	WTDONI	IF NO MATCH, WAIT
006.040	361 303 156 010	2616 0 2617	7	POP JMP		CONTINUE *COM* ROUTINE
				And the first state of the stat		

				HRNX 10:41:59 17-FEB-82	25	
	2619		ERRNI	6045A-*		
	2620	*	ORG HRNX -	6045A Horn Extension Routine		
	2622	* *	THIS IS	S AN EXTENSION TO *HORN* TO MAKE ROOM FOR A JUMP		
056 011	2624	HRNX	HVI	L, #CTLFL6		
	2626		MOV POP	M.F. TUKN DFF HUKN		
006.052 311	2628		POPRET	Ŧ		
	2631	* ,	NOISE -	- DING BELL ON CONSOLE		
	2633	+ *	THIS IS	IS IS A MODIFICATION TO ALLOW THE HBB/HB9 TO USE THE CONSOLE BELL	MSOLE BELL	
700 920	2634	NOISE	HVI	A+A+BEL		
	2636		CALL	HOC CONTINUE WITH HORMAL HORN DELAY		
	2639	* *	out.	- 0UTPUT BYTE 10 4-4/		
	2641	*	ENTRY:	(A) = OUTPUT BYTE		
	2643	* *	EXIT:	NONE		
	2644	* *	use:	NONE		
	2646	OUT.	FOU	*		
006.063 305	2648		PUSH	SAVE THE		
072 120 041	2650		LDA	PRIM GET PORT ADDRESS		
006.070 117	2651	00T.1	AOK AOK			
	2653	*	OUT	(C),A GUTPUT BYTE		
006.072 355 171	2654		08 00	3554,1714 B		
	2656		RET			
000	2658		ERRMI	6100A-#		
006.100	2659	*	ORG TYP MSG	6 - TYPE MESSAGE TO CONSOLE		
The second secon	2661	1	20 30 31	C CHITCHES AM ASCIT MESSAGE FROM MEMORY TO THE CONSOL	щ	
	2662	* *	UNTIL	ITIL A NULL IS SENSED		
	2664	- 1	FNTRY	(H.L) = ADDRESS OF MESSAGE		

			angole etrebranoskin kanadaramakan a oo erakam	olomique ser certain si d'er rous motade alta cidenções la rigilidaçõe, defendador a fara de cara de cara de c	TYPHSG	10:41:59 17-FEB-82
	2	2666 *	EXIT	NONE		
em incention and the latter of the state of	2	\$ 1992	USES	AsHalsE	en er ekste skrivigen en skrivige versten van de skrivigen en enskelde ekste skrivigen ekste en ekste skrivige	
tan manda apapaga da jamajaha afasabaranga papa mangapagan at panaran	2	2668			a de la companya de	
006,100 176	1 (2)	670 TYPMSG	AOM S	A, M	GET CHARACTER	
	2	1		¥	SEE IF A NULL	
006-102 310	7	2/9	7 7		IF MULLS EAIL	
315 302	003 2	674	CALL	MCC	ELSE OUTPUT CHA	RACTER TO CONSOLE
006.106 043 006.107 030 367	2	2675 2676	INX	TYPMSG	POINT TO NEXT CHARACTER OUTPUT IT	HARACTER
	2	2678 **	RDBLCK	- INPUT A BLOC	A BLOCK FROM 2-47	
	2					
	2	* 089	ROBLCK	READS IN A BLO	BLOCK FROM THE DISK	DISK CONTROOLER
And the second s	2	2681 *	ENTDY		333	
	1 72			C = SIDE/UNIT/SECTOR	SECTOR	
	2 2	2684 #	EXITE	2	A GOTUE RI	
	7	1		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		
	2		USES:	ALL		
	2 2	2688 * 2689				
1		2690 RDBLCK		A,00.REA8		
315 027	900	691	CALL	COM	SEND THE	
315 023	7 900 7	2692 2693	XKA CALL	A DAT	SEND IT	TO DISK
171	l	2694	MOV	AyC	TOVO SI	LOAD SIDE/UNIT/SECTOR
315 023	900	695	CALL	DAT	SEND II	TO DISK
315 067		697 RD2	CALL	PIR	GET STA	TUS
006.131 332 104 (010	2698)C	NON	IS 'O'	SET IF S.DOM
	2	700	MOV	Ask		
006.135 043	7	2701	XXI	I		
	2	702	JR	R02	CONTINUE	IE TRANSFER
	2	2704 **	00711.	- OUTPUT BYTE	TO PORT (PRIM+1)	
And the state of t	2	2705 *	ENTRY:	PUT	1	
	2	1				
	7		EXIT:	ZOZ.	AND THE REAL PROPERTY OF THE P	
	2 2	2710 *	USE:	NONE		
	2 2	2711 2712 0UTI:	EGU	*		
006.140 305	2	1	PUSH	8		
107	2	2714	AOV.	B, A	SAVE THE	IE OUTPUT DATA
020				5		

006,145 074 006,146 030							
	320	2716		1.8.8.	001.1 SET TO (SET TO (PRIM+1) GO TO OUTPUT ROUTINE	
			#	INI.	- INPUT BYTE FROM (PRIM+1) PORT		
-				ENTRY:	NONE		
			* *	EXIT:	(A) = INPUT BYTE		
				USE:	<		
1		2726 2727	INI.		*		
	2 120 041	2728			B PRIM GET PORT	LADDRESS	
006.154 074		2730		INR		SET TO (PRIM+1)	
1 1	0.014	2732		J. R.	N . 1	GO TO INPUT ROUTINE	
000 • 002		2734		=	61654-*		
006.165		2735	*		6165A (6)0		
		2737					And the state of t
1		2739	1) l			
161 691 900	000 040	1 1	79.9CE	90	06. 0		
		2742	* 1	Z.	- INPUT BYTE FROM PORT (PRIM)		
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		2746		EXIT:	(A) * INPUT BYTE		
		2748		USE:	A		
1		2750	IN.	EQU	* 00		
006-171 072	2 120 041	1				GET PORT ADDRESS SET ADDR. TO REG C	
ł	170	1	#		A,(C) 3550.1700 INPUT BYTE		
006.177 301	1	2756		POP RET			

MTR90-1 - H/2-89 MONITOR	#09.02.01.	.01.		Unix H8A:	Unix H8ASM VI.4.1 5-Jui-80	Page 67	
SUFFURI RUULINES			MSG. SUB	10:42:01	17-FEB-82		
000,000 2759	69	ERRMI	6201A-#				l
2760	- 1	UKG MSG.SUB	6201A - (S)UBSTITUTE				
122 112	* *	"SUBSTITUTE"	TUTE"				
006.201 165 142 163 276	5 MSG.SUB	90	*ubstitute ',0				
2767	7 ** 8 *	HSG.PC -	HSG.PC - (P)ROGRAM COUNTER				
2769	* 6	"PROGRAP	"PROGRAM COUNTER"				
006,214 162 157 147 277	1 MSG.PC	08	'rogram Counter ',0				
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712		MSG.8T -	- (8)00T			After an extraction of the state of the stat	
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SPEED - ROTATIONAL S	SPEED TEST FOR	FOR HB9 DISK DRI	RIVE	10:42:02 17-FEB-82	
	2780 ***	* SPEED	- ROTATIONAL S	SPEED TEST FOR 5.25 INCH DISK DRIVE	
	2781 # 2782 #	#SPEEC	* IS USED ONLY	#SPEED* IS USED ONLY FOR GROSS ADJUSTMENT OF DRIVE ROTATIONAL	
	- 1	3rccu	# 16 F F F F F F F F F F F F F F F F F F	THE TIME REPERBUTE TO AS FOLLOWS:	
	2786 *			THE PERSON OF BOARDS	
	2787 #		.1. 2.	ENTER MGO AND THE ENTRY AUDRESS UF *SFEED* ADJUST ORIVE SPEED UNTIL DATA AT DISPLAYED	
	2789 *			EQUALS 200 A. If SPEED < 200, TURN ADJUSTMENT CLOCKHISE	
	2791 #			1	
		THE A	ABOVE TEST ADJUSTS SYO:.	IS SYO:. TO ADJUST SYI:, USE HOOS	
	2705 ##	H 88 H	EGUIVALENCES		
		0/1	PORTS		
000-177	2798 GP 2799 IP	OP.OC EQU	1779	DRIVE CONTROL DUTPUT PORT DRIVE STATUS INPUT PORT	
		0 1			
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000-001	1	S.HULE EVO	3 1000000		
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