

TITLE XY15 TEST FOR SYSTEM EXERCISER
EBREL

/ED HILTON 3-31-71

/IOT DEFINITIONS

702401 A	PLSF=702401	/SKIP ON PLOTTER FLAG
702402 A	PLCF=702402	/CLEAR PLOTTER FLAG
702404 A	PLPU=702404	/PLOTTER PEN UP
702444 A	PLPD=702444	/PLOTTER PEN DOWN
702421 A	PLPR=702421	/PLOTTER PEN RIGHT
702441 A	PLPL=702441	/PLOTTER PEN LEFT
702422 A	PLDU=702422	/PLOTTER DRUM UP
702424 A	PLDD=702424	/PLOTTER DRUM DOWN
702465 A	DDPL=702465	/DRUM DOWN; PEN LEFT
702463 A	DUPL=702463	/DRUM UP; PEN LEFT
702423 A	DUPR=702423	/DRUM UP; PEN RIGHT
702425 A	DDPR=702425	/DRUM DOWN; PEN RIGHT
707764 A	EBA=707764	
707702 A	EEM=707702	

00000 R	400000 A	UODSW	400000
00001 R	000000 A		0

/BITS 16 AND 17 DECODE AS FOLLOWS
/BIT 17=1 FOR .005" STEPS
/BIT 16=1 FOR 31" PLOTTER

00002 R	000000 A	0
00003 R	000000 A	0
00004 R	000042 R	,DSA PLSERV
00005 R	000032 R	,DSA PLINIT
00006 R	303161 A	,SIXBT !XY15 !
00007 R	654040 A	
00010 R	000001 A	000001
00011 R		,BLOCK ?

/BIT 17 FOR HOLD SWITCH
/MOVE PAST AUTO INDEX

00020 R	000000 A	SYSERR	0	/ERROR INDICATOR TO MONITOR
00021 R	000000 A	ERWC	0	/ERROR WORD COUNT
00022 R	000000 A	ERCODE	0	/ERROR TABLE UP TO 8 WORDS
00023 R	000000 A		0	/
00024 R	000000 A		0	/
00025 R	000000 A		0	/
00026 R	000000 A		0	/
00027 R	000000 A		0	/
00030 R	000000 A		0	/
00031 R	000000 A		0	/END OF TABLE

,EJECT

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00032 R 000000 A   PLINIT 0           /INITIALIZATION ENTRANCE
00033 R 200032 R           LAC       PLINIT
00034 R 040042 R           DAC       PLSERV
00035 R 100103 R           JMS       HOLD
00036 R 702402 A           PLCF
00037 R 702401 A           PLSF
00040 R 600056 R           JMP     TEST1
00041 R 601044 R           JMP     ERROR1      /PLOTTER FLAG DID NOT CLEAR,
/
00042 R 000000 A   PLSERV 0
00043 R 707764 A           EBA
00044 R 707702 A           EEM
00045 R 702401 A           PLSF      /PLOTTER FLAG?
00046 R 600117 R           JMP     NOFLAG
00047 R 702402 A           PLCF      /YES
00050 R 702401 A           PLSF
00051 R 741000 A           SKP
00052 R 601044 R           JMP     ERROR1
00053 R 141052 R           DZM      HOLSW
00054 R 100103 R           JMS     HOLD
00055 R 620123 R           JMP*    EXIT
/
00056 R 100126 R   TEST1  JMS     CLR PAP      /CLEAR PAPER
00057 R 100146 R           JMS     LGRECT      /LARGE RECTANGLE
00060 R 100166 R           JMS     LGMDRT      /LARGE-MEDIUM RECTANGLE
00061 R 100213 R           JMS     MDRECT      /MEDIUM RECTANGLE
00062 R 100240 R           JMS     MDSMRT      /MEDIUM-SMALL RECTANGLE
00063 R 100265 R           JMS     SMRECT      /SMALL RECTANGLE
00064 R 100312 R           JMS     BISECT      /BISECTORS
00065 R 100340 R           JMS     LGOCT      /LARGE OCTAGON
00066 R 100414 R           JMS     LGMDOC      /LARGE-MEDIUM OCTAGON
00067 R 100460 R           JMS     MDOCT      /MEDIUM OCTAGON
00070 R 100524 R           JMS     MDSMOC      /MEDIUM-SMALL OCTAGON
00071 R 100570 R           JMS     SMOCT      /SMALL OCTAGON
00072 R 100634 R           JMS     OCTBIS      /OCTAGON BISECTORS
00073 R 101011 R           JMS     ENDTST
00074 R 777774 A   TERMIN LAW     -4      /TERMINATE
00075 R 040020 R           DAC     SYSERR
00076 R 140021 R           DZM     ERWC
00077 R 777777 A           LAW     -1
00100 R 041053 R           DAC     ONCE
00101 R 100123 R           JMS     EXIT
00102 R 740040 A           HLT
           .EJECT

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00103	R	000000	A	HOLD	0	
00104	R	750004	A	HOLD.1	LAS	
00105	R	500010	R		AND	UODSW+10
00106	R	740200	A		SZA	
00107	R	600112	R		JMP	,+3
00110	R	141052	R		DZM	HOLSW
00111	R	620103	R		JMP*	HOLD
00112	R	777773	A		LAW	-5
00113	R	040020	R		DAC	SYSERR
00114	R	041052	R		DAC	HOLSW
00115	R	750000	A		CLA	
00116	R	620042	R		JMP*	PLSERV
					/	
00117	R	201052	R	NOFLAG	LAC	HOLSW
00120	R	751201	A		SNA!CLA!CMA	
00121	R	620042	R		JMP*	PLSERV
00122	R	600104	R		JMP	HOLD.1
					/	
00123	R	000000	A	EXIT	0	
00124	R	750000	A		CLA	
00125	R	620042	R		JMP*	PLSERV
					/	
00126	R	000000	A	CLRPAP	0	
00127	R	441053	R		ISZ	ONCE
00130	R	741000	A		SKP	
00131	R	620126	R		JMP*	CLRPAP
00132	R	702404	A		PLPU	
00133	R	100123	R		JMS	EXIT
00134	R	100764	R		JMS	MOVE
00135	R	001057	R		I12X30	
00136	R	702441	A		PLPL	
00137	R	100764	R		JMS	MOVE
00140	R	001057	R		I12X30	
00141	R	702424	A		PLDD	
00142	R	100764	R		JMS	MOVE
00143	R	001063	R		I,5X1	
00144	R	702421	A		PLPR	
00145	R	620126	R		JMP*	CLRPAP
					,EJECT	

00146	R	000000	A	LGRECT	Ø		
00147	R	702444	A		PLPD		/PEN DOWN
00150	R	100123	R		JMS	EXIT	
00151	R	100764	R		JMS	MOVE	/PEN RIGHT 10" OR 27"
00152	R	001067	R		I10X27		
00153	R	702421	A		PLPR		
00154	R	100764	R		JMS	MOVE	/PAPER DOWN 10" OR 27"
00155	R	001067	R		I10X27		
00156	R	702424	A		PLDD		
00157	R	100764	R		JMS	MOVE	/PEN LEFT 10" OR 27"
00160	R	001067	R		I10X27		
00161	R	702441	A		PLPL		
00162	R	100764	R		JMS	MOVE	/PAPER UP 10" OR 27"
00163	R	001067	R		I10X27		
00164	R	702422	A		PLDU		
00165	R	620146	R		JMP*	LGRECT	
					/		
00166	R	000000	A	LGMDRT	Ø		
00167	R	702404	A		PLPU		
00170	R	100123	R		JMS	EXIT	
00171	R	100764	R		JMS	MOVE	
00172	R	001073	R		I1X2,5		
00173	R	702425	A		DDPR		
00174	R	702444	A		PLPD		
00175	R	100123	R		JMS	EXIT	
00176	R	100764	R		JMS	MOVE	
00177	R	001077	R		I8X23		
00200	R	702421	A		PLPR		
00201	R	100764	R		JMS	MOVE	
00202	R	001077	R		I8X23		
00203	R	702424	A		PLDD		
00204	R	100764	R		JMS	MOVE	
00205	R	001077	R		I8X23		
00206	R	702441	A		PLPL		
00207	R	100764	R		JMS	MOVE	
00210	R	001077	R		I8X23		
00211	R	702422	A		PLDU		
00212	R	620166	R		JMP*	LGMDRT	
					,EJECT		

00213	R	000000	A	MDRECT	Ø		/MEDIUM RECTANGLE
00214	R	702404	A		PLPU		/PEN UP
00215	R	100123	R		JMS	EXIT	
00216	R	100764	R		JMS	MOVE	/PAPER DOWN, PEN RIGHT
00217	R	001073	R		I1X2,5		
00220	R	702425	A		DDPR		
00221	R	702444	A		PLPD		/PEN DOWN
00222	R	100123	R		JMS	EXIT	
00223	R	100764	R		JMS	MOVE	/PEN RIGHT 6" OR 17"
00224	R	001117	R		I6X17		
00225	R	702421	A		PLPR		
00226	R	100764	R		JMS	MOVE	/PAPER DOWN
00227	R	001117	R		I6X17		
00230	R	702424	A		PLDD		
00231	R	100764	R		JMS	MOVE	/PEN LEFT
00232	R	001117	R		I6X17		
00233	R	702441	A		PLPL		
00234	R	100764	R		JMS	MOVE	/PAPER UP
00235	R	001117	R		I6X17		
00236	R	702422	A		PLDU		
00237	R	620213	R		JMP*	MDRECT	
					/		
00240	R	000000	A	MDSMRT	Ø		
00241	R	702404	A		PLPU		
00242	R	100123	R		JMS	EXIT	
00243	R	100764	R		JMS	MOVE	
00244	R	001073	R		I1X2,5		
00245	R	702425	A		DDPR		
00246	R	702444	A		PLPD		
00247	R	100123	R		JMS	EXIT	
00250	R	100764	R		JMS	MOVE	
00251	R	001103	R		I4X12		
00252	R	702421	A		PLPR		
00253	R	100764	R		JMS	MOVE	
00254	R	001103	R		I4X12		
00255	R	702424	A		PLDD		
00256	R	100764	R		JMS	MOVE	
00257	R	001103	R		I4X12		
00260	R	702441	A		PLPL		
00261	R	100764	R		JMS	MOVE	
00262	R	001103	R		I4X12		
00263	R	702422	A		PLDU		
00264	R	620240	R		JMP*	MDSMRT	
					,EJECT		

00265	R	000000	A	SMRECT	Ø		
00266	R	702404	A		PLPU		/PEN UP
00267	R	100123	R		JMS	EXIT	
00270	R	100764	R		JMS	MOVE	/PAPER DOWN, PEN RIGHT
00271	R	001073	R		I1X2,2		
00272	R	702425	A		DDPR		
00273	R	702444	A		PLPD		
00274	R	100123	R		JMS	EXIT	
00275	R	100764	R		JMS	MOVE	/PEN RIGHT
00276	R	001123	R		I2X7		/2" OR 7"
00277	R	702421	A		PLPR		
00300	R	100764	R		JMS	MOVE	/PAPER DOWN
00301	R	001123	R		I2X7		
00302	R	702424	A		PLDD		
00303	R	100764	R		JMS	MOVE	/PEN LEFT
00304	R	001123	R		I2X7		
00305	R	702441	A		PLPL		
00306	R	100764	R		JMS	MOVE	/PAPER UP
00307	R	001123	R		I2X7		
00310	R	702422	A		PLDU		
00311	R	620265	R		JMP*	SMRECT	
					/		
00312	R	000000	A	BISECT	Ø		
00313	R	702404	A		PLPU		/PEN UP
00314	R	100123	R		JMS	EXIT	
00315	R	100764	R		JMS	MOVE	/PAPER UP, PEN LEFT
00316	R	001127	R		I4X10		/4" OR 10"
00317	R	702463	A		DUPL		
00320	R	702444	A		PLPD		/PEN DOWN
00321	R	100123	R		JMS	EXIT	
00322	R	100764	R		JMS	MOVE	/PAPER DOWN, PEN RIGHT
00323	R	001067	R		I10X27		/10" OR 27"
00324	R	702425	A		DDPR		
00325	R	702404	A		PLPU		
00326	R	100123	R		JMS	EXIT	
00327	R	100764	R		JMS	MOVE	
00330	R	001067	R		I10X27		
00331	R	702422	A		PLDU		
00332	R	702444	A		PLPD		
00333	R	100123	R		JMS	EXIT	
00334	R	100764	R		JMS	MOVE	
00335	R	001067	R		I10X27		
00336	R	702465	A		DDPL		
00337	R	620312	R		JMP*	BISECT	
					,EJECT		

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00340 R 000000 A   LGOCT  0           /PLOT LARGE OCTAGON
00341 R 702404 A           PLPU           /PEN UP
00342 R 100123 R           JMS           EXIT
00343 R 200002 R           LAC           UODSW+2
00344 R 740020 A           RAR
00345 R 740400 A           SNL
00346 R 600356 R           JMP           LGOCT1
00347 R 100764 R           JMS           MOVE
00350 R 001157 R           I9,X27
00351 R 702422 A           PLDU
00352 R 100764 R           JMS           MOVE
00353 R 001163 R           I3,5X9
00354 R 702421 A           PLPR
00355 R 600361 R           JMP           LGOCT2
00356 R 100764 R   LGOCT1  JMS           MOVE
00357 R 001133 R           I3X9
00360 R 702425 A           DDPR
00361 R 702444 A   LGOCT2  PLPD           /PEN DOWN
00362 R 100123 R           JMS           EXIT
00363 R 100764 R           JMS           MOVE
00364 R 001133 R           I3X9
00365 R 702421 A           PLPR
00366 R 100764 R           JMS           MOVE
00367 R 001133 R           I3X9
00370 R 702425 A           DDPR
00371 R 100764 R           JMS           MOVE
00372 R 001133 R           I3X9
00373 R 702424 A           PLDD
00374 R 100764 R           JMS           MOVE
00375 R 001133 R           I3X9
00376 R 702465 A           DDPL
00377 R 100764 R           JMS           MOVE
00400 R 001133 R           I3X9
00401 R 702441 A           PLPL
00402 R 100764 R           JMS           MOVE
00403 R 001133 R           I3X9
00404 R 702463 A           DUPL
00405 R 100764 R           JMS           MOVE
00406 R 001133 R           I3X9
00407 R 702422 A           PLDU
00410 R 100764 R           JMS           MOVE
00411 R 001133 R           I3X9
00412 R 702423 A           DUPR
00413 R 620340 R   JMP*     LGOCT
           .EJECT

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00414	R	000000	A	LGMDOC	0	
00415	R	702404	A		PLPU	
00416	R	100123	R		JMS	EXIT
00417	R	100764	R		JMS	MOVE
00420	R	001137	R		I2,X75	
00421	R	702421	A		PLPR	
00422	R	100764	R		JMS	MOVE
00423	R	001143	R		I75225	
00424	R	702424	A		PLDD	
00425	R	702444	A		PLPD	
00426	R	100123	R		JMS	EXIT
00427	R	100764	R		JMS	MOVE
00430	R	001113	R		I25X75	
00431	R	702421	A		PLPR	
00432	R	100764	R		JMS	MOVE
00433	R	001113	R		I25X75	
00434	R	702425	A		DDPR	
00435	R	100764	R		JMS	MOVE
00436	R	001113	R		I25X75	
00437	R	702424	A		PLDD	
00440	R	100764	R		JMS	MOVE
00441	R	001113	R		I25X75	
00442	R	702465	A		DDPL	
00443	R	100764	R		JMS	MOVE
00444	R	001113	R		I25X75	
00445	R	702441	A		PLPL	
00446	R	100764	R		JMS	MOVE
00447	R	001113	R		I25X75	
00450	R	702463	A		DUPL	
00451	R	100764	R		JMS	MOVE
00452	R	001113	R		I25X75	
00453	R	702422	A		PLDU	
00454	R	100764	R		JMS	MOVE
00455	R	001113	R		I25X75	
00456	R	702423	A		DUPR	
00457	R	620414	R		JMP#	LGMDOC
					,EJECT	

00460	R	000000	A	MDOCT	Ø		/MEDIUM OCTAGON
00461	R	702404	A		PLPU		/PEN UP
00462	R	100123	R		JMS	EXIT	
00463	R	100764	R		JMS	MOVE	
00464	R	001137	R		I2,X75		
00465	R	702421	A		PLPR		
00466	R	100764	R		JMS	MOVE	
00467	R	001143	R		I75225		
00470	R	702424	A		PLDD		
00471	R	702444	A		PLPD		/PEN DOWN
00472	R	100123	R		JMS	EXIT	
00473	R	100764	R		JMS	MOVE	
00474	R	001147	R		I2X6		
00475	R	702421	A		PLPR		
00476	R	100764	R		JMS	MOVE	
00477	R	001147	R		I2X6		
00500	R	702425	A		DDPR		
00501	R	100764	R		JMS	MOVE	
00502	R	001147	R		I2X6		
00503	R	702424	A		PLDD		
00504	R	100764	R		JMS	MOVE	
00505	R	001147	R		I2X6		
00506	R	702465	A		DDPL		
00507	R	100764	R		JMS	MOVE	
00510	R	001147	R		I2X6		
00511	R	702441	A		PLPL		
00512	R	100764	R		JMS	MOVE	
00513	R	001147	R		I2X6		
00514	R	702463	A		DUPL		
00515	R	100764	R		JMS	MOVE	
00516	R	001147	R		I2X6		
00517	R	702422	A		PLDU		
00520	R	100764	R		JMS	MOVE	
00521	R	001147	R		I2X6		
00522	R	702423	A		DUPR		
00523	R	620460	R		JMP*	MDOCT	
					.EJECT		

00524	R	000000	A	MDSMOC	Ø	
00525	R	702404	A		PLPU	
00526	R	100123	R		JMS	EXIT
00527	R	100764	R		JMS	MOVE
00530	R	001137	R		I2,X75	
00531	R	702421	A		PLPR	
00532	R	100764	R		JMS	MOVE
00533	R	001143	R		I75225	
00534	R	702424	A		PLDD	
00535	R	702444	A		PLPD	
00536	R	100123	R		JMS	EXIT
00537	R	100764	R		JMS	MOVE
00540	R	001107	R		I15X45	
00541	R	702421	A		PLPR	
00542	R	100764	R		JMS	MOVE
00543	R	001107	R		I15X45	
00544	R	702425	A		DDPR	
00545	R	100764	R		JMS	MOVE
00546	R	001107	R		I15X45	
00547	R	702424	A		PLDD	
00550	R	100764	R		JMS	MOVE
00551	R	001107	R		I15X45	
00552	R	702465	A		DDPL	
00553	R	100764	R		JMS	MOVE
00554	R	001107	R		I15X45	
00555	R	702441	A		PLPL	
00556	R	100764	R		JMS	MOVE
00557	R	001107	R		I15X45	
00560	R	702463	A		DUPL	
00561	R	100764	R		JMS	MOVE
00562	R	001107	R		I15X45	
00563	R	702422	A		PLDU	
00564	R	100764	R		JMS	MOVE
00565	R	001107	R		I15X45	
00566	R	702423	A		DUPR	
00567	R	620524	R		JMP*	MDSMOC
					.EJECT	

00570	R	000000	A	SMOCT	Ø		
00571	R	702404	A		PLPU		/PEN UP
00572	R	100123	R		JMS	EXIT	
00573	R	100764	R		JMS	MOVE	
00574	R	001137	R		I2,X75		
00575	R	702421	A		PLPR		
00576	R	100764	R		JMS	MOVE	
00577	R	001143	R		I75225		
00600	R	702424	A		PLDD		
00601	R	702444	A		PLPD		/PEN DOWN
00602	R	100123	R		JMS	EXIT	
00603	R	100764	R		JMS	MOVE	
00604	R	001153	R		I1X3		
00605	R	702421	A		PLPR		
00606	R	100764	R		JMS	MOVE	
00607	R	001153	R		I1X3		
00610	R	702425	A		DDPR		
00611	R	100764	R		JMS	MOVE	
00612	R	001153	R		I1X3		
00613	R	702424	A		PLDD		
00614	R	100764	R		JMS	MOVE	
00615	R	001153	R		I1X3		
00616	R	702465	A		DDPL		
00617	R	100764	R		JMS	MOVE	
00620	R	001153	R		I1X3		
00621	R	702441	A		PLPL		
00622	R	100764	R		JMS	MOVE	
00623	R	001153	R		I1X3		
00624	R	702463	A		DUPL		
00625	R	100764	R		JMS	MOVE	
00626	R	001153	R		I1X3		
00627	R	702422	A		PLDU		
00630	R	100764	R		JMS	MOVE	
00631	R	001153	R		I1X3		
00632	R	702423	A		DUPR		
00633	R	620570	R		JMP*	SMOCT	
					.EJECT		

00634	R	000000	A	OCTBIS	Ø		/OCTAGON BISECTORS
00635	R	702404	A		PLPU		/PEN UP
00636	R	100123	R		JMS	EXIT	
00637	R	100764	R		JMS	MOVE	
00640	R	001153	R		I1X3		
00641	R	702441	A		PLPL		
00642	R	100764	R		JMS	MOVE	
00643	R	001133	R		I3X9		
00644	R	702422	A		PLDU		
00645	R	702444	A		PLPD		/PEN DOWN
00646	R	100123	R		JMS	EXIT	
00647	R	200001	R		LAC	UODSW+1	/GET MULTIPLICATION FACTOR
00650	R	501173	R		AND	(3)	
00651	R	341174	R		TAD	(I3X9)	
00652	R	041054	R		DAC	CNT	
00653	R	221054	R		LAC*	CNT	
00654	R	041054	R		DAC	CNT	
00655	R	041055	R		DAC	SAVCNT	
					/		
					/PLOT 1,2		
					/		
00656	R	702424	A	OCT,1	PLDD		
00657	R	100123	R		JMS	EXIT	
00660	R	702424	A		PLDD		
00661	R	100123	R		JMS	EXIT	
00662	R	702424	A		PLDD		
00663	R	100123	R		JMS	EXIT	
00664	R	702421	A		PLPR		
00665	R	100123	R		JMS	EXIT	
00666	R	441054	R		ISZ	CNT	
00667	R	600656	R		JMP	OCT,1	
					/		
					/NOW PLOT 3,4		
					/		
00670	R	702404	A		PLPU		
00671	R	100123	R		JMS	EXIT	
00672	R	100764	R		JMS	MOVE	
00673	R	001133	R		I3X9		
00674	R	702423	A		DUPR		
00675	R	702444	A		PLPD		
00676	R	100123	R		JMS	EXIT	
00677	R	201055	R		LAC	SAVCNT	
00700	R	041054	R		DAC	CNT	
00701	R	702441	A	OCT,2	PLPL		
00702	R	100123	R		JMS	EXIT	
00703	R	702441	A		PLPL		
00704	R	100123	R		JMS	EXIT	
00705	R	702441	A		PLPL		
00706	R	100123	R		JMS	EXIT	
00707	R	702422	A		PLDU		
00710	R	100123	R		JMS	EXIT	
00711	R	441054	R		ISZ	CNT	
00712	R	600701	R		JMP	OCT,2	

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XY15 TEST FOR SYSTEM EXERCISER

EJECT

/NOW PLOT 5,6

00713	R	702404	A	PLPU	/PEN UP
00714	R	100123	R	JMS	EXIT
00715	R	100764	R	JMS	MOVE
00716	R	001133	R	I3X9	
00717	R	702424	A	PLDD	
00720	R	702444	A	PLPD	
00721	R	100123	R	JMS	EXIT
00722	R	201055	R	LAC	SAVCNT
00723	R	041054	R	DAC	CNT
00724	R	702421	A	PLPR	OCT,3
00725	R	100123	R	JMS	EXIT
00726	R	702421	A	PLPR	
00727	R	100123	R	JMS	EXIT
00730	R	702421	A	PLPR	
00731	R	100123	R	JMS	EXIT
00732	R	702422	A	PLDU	
00733	R	100123	R	JMS	EXIT
00734	R	441054	R	ISZ	CNT
00735	R	600724	R	JMP	OCT,3

/NOW PLOT 7,8

00736	R	702404	A	PLPU	
00737	R	100123	R	JMS	EXIT
00740	R	100764	R	JMS	MOVE
00741	R	001133	R	I3X9	
00742	R	702463	A	DUPL	
00743	R	702444	A	PLPD	
00744	R	100123	R	JMS	EXIT
00745	R	201055	R	LAC	SAVCNT
00746	R	041054	R	DAC	CNT
00747	R	702424	A	PLDD	OCT,4
00750	R	100123	R	JMS	EXIT
00751	R	702424	A	PLDD	
00752	R	100123	R	JMS	EXIT
00753	R	702424	A	PLDD	
00754	R	100123	R	JMS	EXIT
00755	R	702441	A	PLPL	
00756	R	100123	R	JMS	EXIT
00757	R	441054	R	ISZ	CNT
00760	R	600747	R	JMP	OCT,4
00761	R	702404	A	PLPU	
00762	R	100123	R	JMS	EXIT
00763	R	620634	R	JMP*	OCTBIS

,EJECT

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00764 R 000000 A MOVE 0
00765 R 200001 R LAC UODSW+1 /GET INDEX
00766 R 501173 R AND (3)
00767 R 360764 R TAD* MOVE /GET ADDRESS OF COUNTER
00770 R 041054 R DAC CNT
00771 R 221054 R LAC* CNT /GET COUNTER
00772 R 740200 A SZA
00773 R 600777 R JMP MOV,1
00774 R 440764 R ISZ MOVE
00775 R 440764 R ISZ MOVE
00776 R 620764 R JMP* MOVE
00777 R 041054 R MOV,1 DAC CNT /COUNTER
01000 R 440764 R ISZ MOVE /GET IOT
01001 R 220764 R LAC* MOVE
01002 R 041004 R DAC IOT
01003 R 440764 R ISZ MOVE
01004 R 740040 A IOT HLT /SET UP RETURN
01005 R 100123 R JMS EXIT /THIS WILL CONTAIN 1 OFF DIRECTION IOTS
01006 R 441054 R ISZ CNT
01007 R 601004 R JMP ,=3
01010 R 620764 R JMP* MOVE
/
01011 R 000000 A ENDTST 0
01012 R 200002 R LAC UODSW+2
01013 R 740020 A RAR
01014 R 740400 A SNL
01015 R 601035 R JMP END,1
01016 R 441056 R ISZ TENCNT
01017 R 601026 R JMP END,2
01020 R 777766 A LAW =12
01021 R 041056 R DAC TENCNT
01022 R 100764 R JMS MOVE
01023 R 001167 R I,5X0
01024 R 702441 A PLPL
01025 R 601035 R JMP END,1
01026 R 100764 R END,2 JMS MOVE
01027 R 001163 R I3,5X9
01030 R 702441 A PLPL
01031 R 100764 R JMS MOVE
01032 R 001157 R I9,X27
01033 R 702422 A PLDU
01034 R 621011 R JMP# ENDTST
01035 R 100764 R END,1 JMS MOVE
01036 R 001133 R I3X9
01037 R 702441 A PLPL
01040 R 100764 R JMS MOVE
01041 R 001153 R I1X3
01042 R 702424 A PLDD
01043 R 621011 R JMP# ENDTST
/
01044 R 201175 R ERROR1 LAC (1)
01045 R 040022 R DAC ERCODE
01046 R 777777 A LAW =1

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01047	R	040021	R	DAC	ERWC
01050	R	040020	R	DAC	SYSERR
01051	R	620042	R	JMP*	PLSERV
				/	
01052	R	000000	A	HOLSW	0
01053	R	000000	A	ONCE	0
01054	R	000000	A	CNT	0
01055	R	000000	A	SAVCNT	0
01056	R	777766	A	TENCNT	-12 ,EJECT

ID	Type	Code	Unit	Value	Notes
01057	R	775520	A	112X30	.DEC
01060	R	773240	A		=1200
01061	R	772110	A		=2400
01062	R	764220	A		=3000
01063	R	777716	A	1,5X1	=6000
01064	R	777634	A		=50
01065	R	777634	A		=100
01066	R	777470	A		=100
01067	R	776030	A	110X27	=200
01070	R	774060	A		=1000
01071	R	772564	A		=2000
01072	R	765350	A		=2700
01073	R	777634	A	11X2,5	=5400
01074	R	777470	A		=100
01075	R	777406	A		=200
01076	R	777014	A		=250
01077	R	776340	A	18X23	=500
01100	R	774700	A		=800
01101	R	773404	A		=1600
01102	R	767010	A		=2300
01103	R	777160	A	14X12	=4600
01104	R	776340	A		=400
01105	R	775520	A		=800
01106	R	773240	A		=1200
01107	R	777552	A	115X45	=2400
01110	R	777324	A		=150
01111	R	777076	A		=300
01112	R	776174	A		=450
01113	R	777406	A	125X75	=900
01114	R	777014	A		=250
01115	R	776422	A		=500
01116	R	775044	A		=750
01117	R	776650	A	16X17	=1500
01120	R	775520	A		=600
01121	R	774534	A		=1200
01122	R	771270	A		=1700
01123	R	777470	A	12X7	=3400
01124	R	777160	A		=200
01125	R	776504	A		=400
01126	R	775210	A		=700
01127	R	777160	A	14X10	=1400
01130	R	776340	A		=400
01131	R	776030	A		=800
01132	R	774060	A		=1000
01133	R	777324	A	13X9	=2000
01134	R	776650	A		=300
01135	R	776174	A		=600
01136	R	774370	A		=900
01137	R	777747	A	12,X75	=1800
01140	R	777716	A		=25
01141	R	777665	A		=50
01142	R	777552	A		=75
					=150

/10 MIL, 12" PLOTTER
 /5 MIL, 12" PLOTTER
 /10 MIL, 31" PLOTTER
 /5 MIL, 31" PLOTTER

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XY15 SRC

XY15 TEST FOR SYSTEM EXERCISER

.EJECT

01143	R	777665	A	I75225	=75
01144	R	777552	A		=150
01145	R	777437	A		=225
01146	R	777076	A		=450
01147	R	777470	A	I2X6	=200
01150	R	777160	A		=400
01151	R	776650	A		=600
01152	R	775520	A		=1200
01153	R	777634	A	I1X3	=100
01154	R	777324	A		=300
01155	R	777324	A		=300
01156	R	776650	A		=600
01157	R	776112	A	I9,X27	=950
01160	R	774224	A		=1900
01161	R	772564	A		=2700
01162	R	765350	A		=5400
01163	R	777242	A	I3,5X9	=350
01164	R	776504	A		=700
01165	R	776174	A		=900
01166	R	774370	A		=1800
01167	R	777716	A	I,5X0	=50
01170	R	777634	A		=100
01171	R	000000	A		0
01172	R	000000	A		0
				/	
		000000	R	.END	UQDSW
01173	R	000003	A #L		
01174	R	001133	R #L		
01175	R	000001	A #L		
		SIZE=01176		NO ERROR LINES	

BISECT	00312	R	CLRPAP	00126	R	CNT	01054	R	DDPL	702465	A
DDPR	702425	A	DUPL	702463	A	DUPR	702423	A	EBA	707764	A
EEM	707702	A	ENDTST	01011	R	END,1	01035	R	END,2	01026	R
ERCODE	00022	R	ERROR1	01044	R	ERWC	00021	R	EXIT	00123	R
HOLD	00103	R	HOLD,1	00104	R	HOLSW	01052	R	IOT	01004	R
I,5X0	01167	R	I,5X1	01063	R	I1X2,5	01073	R	I1X3	01153	R
I10X27	01067	R	I12X30	01057	R	I15X45	01107	R	I2X6	01147	R
I2X7	01123	R	I2,X75	01137	R	I25X75	01113	R	I3X9	01133	R
I3,5X9	01163	R	I4X10	01127	R	I4X12	01103	R	I6X17	01117	R
I75225	01143	R	I8X23	01077	R	I9,X27	01157	R	LGMDOC	00414	R
LGMORT	00166	R	LGOCT	00340	R	LGOCT1	00356	R	LGOCT2	00361	R
LGRECT	00146	R	MDOCT	00460	R	MDOCT	00213	R	MDSMOC	00524	R
MDSMRT	00240	R	MOVE	00764	R	MOV,1	00777	R	NOFLAG	00117	R
OCTBIS	00634	R	OCT,1	00656	R	OCT,2	00701	R	OCT,3	00724	R
OCT,4	00747	R	ONCE	01053	R	PLCF	702402	A	PLDD	702424	A
PLDU	702422	A	PLINIT	00032	R	PLPD	702444	A	PLPL	702441	A
PLPR	702421	A	PLPU	702404	A	PLSERV	00042	R	PLSF	702401	A
SAVCNT	01055	R	SMOCT	00570	R	SMRECT	00265	R	SYSERR	00020	R
TENCNT	01056	R	TERMIN	00074	R	TEST1	00056	R	UODSW	00000	R

UODSW	00000	R	SYSERR	00020	R	ERWC	00021	R	ERCODE	00022	R
PLINIT	00032	R	PLSERV	00042	R	TEST1	00056	R	TERMIN	00074	R
HOLD	00103	R	HOLD,1	00104	R	NOFLAG	00117	R	EXIT	00123	R
CLRPAP	00126	R	LGRECT	00146	R	LGMORT	00166	R	MDRECT	00213	R
MDSMRT	00240	R	SMRECT	00265	R	BISECT	00312	R	LGOCCT	00340	R
LGOCCT1	00356	R	LGOCCT2	00361	R	LGMDOC	00414	R	MDOCT	00460	R
MDSMOC	00524	R	SMOCT	00570	R	OCTBIS	00634	R	OCT,1	00656	R
OCT,2	00701	R	OCT,3	00724	R	OCT,4	00747	R	MOVE	00764	R
MOV,1	00777	R	IOT	01004	R	ENDTST	01011	R	END,2	01026	R
END,1	01035	R	ERROR1	01044	R	HOLSW	01052	R	ONCE	01053	R
CNT	01054	R	SAVCNT	01055	R	TENCNT	01056	R	I12X30	01057	R
I,5X1	01063	R	I10X27	01067	R	I1X2,5	01073	R	I8X23	01077	R
I4X12	01103	R	I15X45	01107	R	I25X75	01113	R	I6X17	01117	R
I2X7	01123	R	I4X10	01127	R	I3X9	01133	R	I2,X75	01137	R
I75225	01143	R	I2X6	01147	R	I1X3	01153	R	I9,X27	01157	R
I3,5X9	01163	R	I,5X0	01167	R	PLSF	702401	A	PLCF	702402	A
PLPU	702404	A	PLPR	702421	A	PLDU	702422	A	DUPR	702423	A
PLDD	702424	A	DDPR	702425	A	PLPL	702441	A	PLPD	702444	A
DUPL	702463	A	DDPL	702465	A	EEM	707702	A	EBA	707764	A