

IDENTIFICATION

PRODUCT CODE: MAINDEC-15-D0BD-D (D)
PRODUCT NAME: INSTRUCTION TEST PART II
DATE CREATED: FEBRUARY 5, 1971
MAINTAINER: DIAGNOSTIC GROUP
AUTHOR: EARL HAIGHT

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/POP-15 INSTRUCTION TEST - PART 2
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 /TAPE 1

00200			.FULL		
00200	740000		.LOC 200		
00201	740000		NOP		
			NOP		
00202	206675	PART2	LAC KHALT	/TEST DZM 0, AC=740040	
00203	140000		DZM 0	/AC=740040	
00204	200000		LAC 0	/ADDRESS 0	
00205	740200		SZA		
00206	600211		JMP ,+3		
00207	600212		JMP ,+3		
00210	600210		JMP ,+0	/ADDRESS MODIFIED BY PROGRAM	
00211	740040	E1106	HALT	/ERROR; MA 0 NOT 0, DZM FAILED	
				/TEST DZM 1, AC=740040	
00212	206675		LAC KHALT	/AC=740040	
00213	140001		DZM 1	/ADDRESS 1	
00214	200001		LAC 1		
00215	740200		SZA		
00216	740040	E1107	HALT	/ERROR; MA 1 NOT 0 DZM FAILED	
				/TEST DZM 2, AC=740040	
00217	206675		LAC KHALT	/AC=740040	
00220	140002		DZM 2	/ADDRESS 2	
00221	200002		LAC 2		
00222	740200		SZA		
00223	740040	E1108	HALT	/ERROR; MA 2 NOT 0, DZM FAILED	
				/TEST DZM 4, AC=740040	
00224	206675		LAC KHALT	/AC=740040	
00225	140004		DZM 4	/ADDRESS 4	
00226	200004		LAC 4		
00227	740200		SZA		
00230	740040	E1109	HALT	/ERROR; MA 4 NOT 0, DZM FAILED	
				/TEST DZM 10, AC=740040	
00231	206675		LAC KHALT	/AC=740040	
00232	140010		DZM 10	/ADDRESS 10	
00233	200010		LAC 10		
00234	740200		SZA		
00235	740040	E1110	HALT	/ERROR; MA 10 NOT 0, DZM FAILED	
				/TEST DZM 20, AC=740040	
00236	206675		LAC KHALT	/AC=740040	
00237	140020		DZM 20	/ADDRESS 20	
00240	200020		LAC 20		
00241	740200		SZA		
00242	740040	E1111	HALT	/ERROR; MA 20 NOT 0 DZM FAILED	
				/TEST DZM 10040, AC=740040	
00243	206675		LAC KHALT	/AC=740040	
00244	150040		DZM 10040	/ADDRESS 10040	
00245	210040		LAC 10040		
00246	740200		SZA		
00247	740040	E1112	HALT	/ERROR; MA 10040 NOT 0, DZM FAILED	
				/TEST DZM 10100, AC=740040	
00250	206675		LAC KHALT	/AC=740040	
00251	150100		DZM 10100	/ADDRESS 10100	

00252	210100	LAC 10100	
00253	740200	SZA	
00254	740300	E1113 HALT	/ERROR; MA 10100 NOT 0, DZM FAILED /TEST DZM 10200, AC=740040
00255	206675	LAC KHALT	/AC=740040
00256	150200	DZM 10200	/ADDRESS 10200
00257	210200	LAC 10200	
00260	740200	SZA	
00261	740040	E1114 HALT	/ERROR; MA 10200 NOT 0, DZM FAILED /TEST DZM 10400, AC=740040
00262	206675	LAC KHALT	/AC=740040
00263	150400	DZM 10400	/ADDRESS 10400
00264	210400	LAC 10400	
00265	740200	SZA	
00266	740040	E1115 HALT	/ERROR; MA 10400 NOT 0, DZM FAILED /TEST DZM 11000, AC=740040
00267	206675	LAC KHALT	/AC=740040
00270	151000	DZM 11000	/ADDRESS 11000
00271	211000	LAC 11000	
00272	740200	SZA	
00273	740040	E1116 HALT	/ERROR; MA 1100 NOT 0, DZM FAILED /TEST DZM 12000, AC=740040
00274	206675	LAC KHALT	/AC=740040
00275	152000	DZM 12000	/ADDRESS 12000
00276	212000	LAC 12000	
00277	740200	SZA	
00300	740040	E1117 HALT	/ERROR; MA 12000 NOT 0, DZM FAILED /TEST DZM 14000, AC=740040
00301	206675	LAC KHALT	/AC=740040
00302	154000	DZM 14000	/ADDRESS 14000
00303	214000	LAC 14000	
00304	740200	SZA	
00305	740040	E1118 HALT	/ERROR; MA 14000 NOT 0, DZM FAILED /TEST DZM 10000, AC=740040
00306	206675	LAC KHALT	/AC=740040
00307	150000	DZM 10000	/ADDRESS 10000
00310	210000	LAC 10000	
00311	740200	SZA	
00312	740040	E1119 HALT	/ERROR; MA 10000 NOT 0, DZM FAILED /TEST DZM 0000, AC=740040
00313	206675	LAC KHALT	/AC=740040
00314	140000	DZM 0000	/ADDRESS 0000
00315	200000	LAC 0000	
00316	740200	SZA	
00317	740040	E1120 HALT	/ERROR; MA 0000 NOT 0, DZM FAILED /TEST DZM 17777, AC=740040
00320	206675	LAC KHALT	/AC=740040
00321	157777	DZM 17777	/ADDRESS 17777
00322	217777	LAC 17777	
00323	740200	SZA	
00324	740040	E1121 HALT	/ERROR; MA 17777 NOT 0, DZM FAILED /TEST DZM 7777, AC=740040
00325	206675	LAC KHALT	/AC=740040
00326	147777	DZM 7777	/ADDRESS 7777
00327	207777	LAC 7777	

00330	740200		SZA	
00331	740240	E1122	HALT	
00332	206675		LAC KHALT	/TEST DZM 13777, AC=740040
00333	153777		DZM 13777	/AC=740040
00334	213777		LAC 13777	/ADDRESS 13777
00335	740200		SZA	
00336	740040	E1123	HALT	/ERROR; MA 13777 NOT 0, DZM FAILED
00337	206675		LAC KHALT	/TEST DZM 15777, AC=740040
00340	155777		DZM 15777	/AC=740040
00341	215777		LAC 15777	/ADDRESS 5777
00342	740200		SZA	
00343	740040	E1124	HALT	/ERROR; MA 15777 NOT 0, DZM FAILED
00344	206675		LAC KHALT	/TEST DZM 16777, AC=740040
00345	156777		DZM 16777	/AC=740040
00346	216777		LAC 16777	/ADDRESS 16777
00347	740200		SZA	
00350	740040	E1125	HALT	/ERROR; MA 16777 NOT 0, DZM FAILED
00351	206675		LAC KHALT	/TEST DZM 17377, AC=740040
00352	157377		DZM 17377	/AC=740040
00353	217377		LAC 17377	/ADDRESS 17377
00354	740200		SZA	
00355	740040	E1126	HALT	/ERROR; MA 17377 NOT 0, DZM FAILED
00356	206675		LAC KHALT	/TEST DZM 17577, AC=740040
00357	157577		DZM 17577	/AC=740040
00360	217577		LAC 17577	/ADDRESS 17577
00361	740200		SZA	
00362	740040	E1127	HALT	/ERROR; MA 17577 NOT 0, DZM FAILED
00363	206675		LAC KHALT	/TEST DZM 17677, AC=740040
00364	157677		DZM 17677	/AC=740040
00365	217677		LAC 17677	/ADDRESS 17677
00366	740200		SZA	
00367	740040	E1128	HALT	/ERROR; MA 17677 NOT 0, DZM FAILED
00370	206675		LAC KHALT	/TEST DZM 17737, AC=740040
00371	157737		DZM 17737	/AC=740040
00372	217737		LAC 17737	/ADDRESS 17737
00373	740200		SZA	
00374	740040	E1129	HALT	/ERROR; MA 17737 NOT 0, DZM FAILED
00375	600402		JMP ,+5	
00376	600403		JMP ,+5	
00377	600377		JMP ,+0	/ADDRESS MODIFIED BY PROGRAM
00400	600400		JMP ,+0	/ADDRESS MODIFIED BY PROGRAM
00401	600401		JMP ,+0	/ADDRESS MODIFIED BY PROGRAM
00402	206675		LAC KHALT	/TEST DZM 17757, AC=740040
00403	157757		DZM 17757	/AC=740040
00404	217757		LAC 17757	/ADDRESS 17757
00405	740200		SZA	
00406	600411		JMP ,+3	

00407	602412		JMP ,+3	
00410	602412		JMP ,+0	
00411	742242	E1130	HALT	/ADDRESS MODIFIED BY PROGRAM /ERROR; MA 17757 NOT 0, DZM FAILED /TEST DZM 17767, AC=742242
00412	206675		LAC KHALT	/AC=742242
00413	157767		DZM 17767	/ADDRESS 17767
00414	217767		LAC 17767	
00415	742222		SZA	
00416	742242	E1131	HALT	/ERROR; MA 177767 NOT 0, DZM FAILED /TEST DZM 17773, AC=742242
00417	206675		LAC KHALT	/AC=742242
00420	157773		DZM 17773	/ADDRESS 17773
00421	217773		LAC 17773	
00422	742200		SZA	
00423	742242	E1132	HALT	/ERROR; MA 17773 NOT 0, DZM FAILED /TEST DZM 17775, AC=742242
00424	206675		LAC KHALT	/AC=742242
00425	157775		DZM 17775	/ADDRESS 17775
00426	217775		LAC 17775	
00427	742200		SZA	
00430	742242	E1133	HALT	/ERROR; MA 17775 NOT 0, DZM FAILED /TEST DZM 17776, AC=742242
00431	206675		LAC KHALT	/AC=742242
00432	157776		DZM 17776	/ADDRESS 17776
00433	217776		LAC 17776	
00434	742200		SZA	
00435	742242	E1134	HALT	/ERROR; MA 17776 NOT 0, DZM FAILED /TEST AC AFTER A DZM
00436	206554		LAC K7S	/AC=ONES
00437	157777		DZM 17777	/ADDRESS 17777
00440	740001		CMA	/AC=0
00441	742200		SZA	
00442	740040	E1135	HALT	/ERROR; AC NOT ONES AFTER DZM /TEST AC, LINK, ADDR. 17777 AFTER /A DZM, AC=ONES, L=0
00443	754001		CLA!CMA!CLL	/AC=ONES
00444	306554		ADD K7S	/ADDRESS 17777
00445	157777		DZM 17777	
00446	740001		CMA	/AC=0
00447	742200		SZA	
00450	740040		HALT	/ERROR; AC NOT ONES AFTER A DZM
00451	741400		SZL	
00452	740040	E1136	HALT	/ERROR; LINK NOT A ZERO AFTER A DZM
00453	217777		LAC 17777	
00454	742200		SZA	
00455	740040	E1137	HALT	/ERROR; MA 17777 NOT 0, DZM FAILED /TEST DZM SERIES
00456	206554		LAC K7S	/AC=ONES
00457	152525		DZM 12525	/ADDRESS 12525
00460	15252		DZM 15252	/ADDRESS 15252
00461	157777		DZM 17777	/ADDRESS 17777
00462	152222		DZM 10002	/ADDRESS 10002
00463	742221		CMA	/AC=0
00464	752222		CLA!SZA	
00465	742242	E1138	HALT	/ERROR; AC NOT ONES AFTER DZM SERIES
00466	352525		TAD 12525	

00467	355252	TAD 15252	
00470	357777	TAD 17777	
00471	352000	TAD 10000	
00472	740200	SZA	
00473	740040	HALT	E1139 /ERROR; DZM FAILED; ADDRESSES /NOT 0 /TEST DAC 0, AC=0 /AC=0 /ADDRESS 0
00474	206514	LAC K0	
00475	040000	DAC 0	
00476	540000	SAD 0	
00477	741000	SKP	
00500	740040	HALT	E1140 /ERROR; DAC ADDRESS CONTENTS NOT /EQUAL TO THE AC, DAC FAILED /TEST DAC 1, AC=1 /AC=1 /ADDRESS 1
00501	206545	LAC K1	
00502	040001	DAC 1	
00503	540001	SAD 1	
00504	741000	SKP	
00505	740040	HALT	E1141 /ERROR; DAC ADDRESS CONTENTS NOT /EQUAL TO THE AC, DAC FAILED /TEST DAC 2, AC=2 /AC=2 /ADDRESS 2
00506	206544	LAC K2	
00507	040002	DAC 2	
00510	540002	SAD 2	
00511	741000	SKP	
00512	740040	HALT	E1142 /ERROR; DAC ADDRESS CONTENTS NOT /EQUAL TO THE AC, DAC FAILED /TEST DAC 4, AC=4 /AC=4 /ADDRESS
00513	206543	LAC K4	
00514	040004	DAC 4	
00515	540004	SAD 4	
00516	741000	SKP	
00517	740040	HALT	E1143 /ERROR; DAC ADDRESS CONTENTS NOT /EQUAL TO THE AC, DAC FAILED /TEST DAC 10, AC=10 /AC=10 /ADDRESS
00520	206542	LAC K10	
00521	040010	DAC 10	
00522	540010	SAD 10	
00523	741000	SKP	
00524	740040	HALT	E1144 /ERROR; DAC ADDRESS CONTENTS NOT /EQUAL TO THE AC, DAC FAILED /TEST DAC 20, AC=20 /AC=20 /ADDRESS 20
00525	206541	LAC K20	
00526	040020	DAC 20	
00527	540020	SAD 20	
00530	741000	SKP	
00531	740040	HALT	E1145 /ERROR; DAC ADDRESS CONTENTS NOT /EQUAL TO THE AC, DAC FAILED /TEST DAC 10040, AC=10040 /AC=10040 /ADDRESS 10040
00532	206540	LAC K10040	
00533	050040	DAC 10040	
00534	550040	SAD 10040	
00535	741000	SKP	
00536	740040	HALT	E1146 /ERROR; DAC ADDRESS CONTENTS NOT /EQUAL TO THE AC, DAC FAILED

00537	226530	LAC K100	/TEST DAC 10100, AC=10100
00540	050100	DAC 10100	/AC=10100
00541	552100	SAD 10100	/ADDRESS 10100
00542	741000	SKP	
00543	740040	E1147 HALT	/ERROR; DAC ADDRESS CONTENTS NOT /EQUAL TO THE AC, DAC FAILED
00544	206527	LAC K200	/TEST DAC 10200, AC=10200
00545	050200	DAC 10200	/AC=10200
00546	550200	SAD 10200	/ADDRESS 10200
00547	741000	SKP	
00550	740040	E1148 HALT	/ERROR; DAC ADDRESS CONTENTS NOT /EQUAL TO THE AC, DAC FAILED
00551	206526	LAC K400	/TEST DAC 10400, AC=10400
00552	050400	DAC 10400	/AC=10400
00553	550400	SAD 10400	/ADDRESS 10400
00554	741000	SKP	
00555	740040	E1149 HALT	/ERROR; DAC ADDRESS CONTENTS NOT /EQUAL TO THE AC, DAC FAILED
00556	206534	LAC K11K	/TEST DAC 11000, AC=11000
00557	051000	DAC 11000	/AC=11000
00560	551000	SAD 11000	/ADDRESS 11000
00561	741000	SKP	
00562	740040	E1150 HALT	/ERROR; DAC ADDRESS CONTENTS NOT /EQUAL TO THE AC, DAC FAILED
00563	206533	LAC K12K	/TEST DAC 12000, AC=12000
00564	052000	DAC 12000	/AC=12000
00565	552000	SAD 12000	/ADDRESS 12000
00566	741000	SKP	
00567	740040	E1151 HALT	/ERROR; DAC ADDRESS CONTENTS NOT /EQUAL TO THE AC, DAC FAILED
00570	206532	LAC K14K	/TEST DAC 14000, AC=14000
00571	054000	DAC 14000	/AC=14000
00572	554000	SAD 14000	/ADDRESS 14000
00573	741000	SKP	
00574	740040	E1152 HALT	/ERROR; DAC ADDRESS CONTENTS NOT /EQUAL TO THE AC, DAC FAILED
00575	206522	LAC K10K	/TEST DAC 10000, AC=10000
00576	050000	DAC 10000	/AC=10000
00577	550000	SAD 10000	/ADDRESS 10000
00600	741000	SKP	
00601	740040	E1153 HALT	/ERROR; DAC ADDRESS CONTENTS NOT /EQUAL TO THE AC, DAC FAILED
00602	226562	LAC M10K	/TEST DAC 17777, AC=M10K
00603	057777	DAC 17777	/AC=76777
00604	557777	SAD 17777	/ADDRESS 17777
00605	741000	SKP	
00606	740040	E1154 HALT	/ERROR; DAC ADDRESS CONTENTS NOT

			/EQUAL TO THE AC, DAC FAILED
00607	206563	LAC M4K	/TEST DAC 13777, AC=M4K
00610	053777	DAC 13777	/AC=773777
00611	553777	SAD 13777	/ADDRESS 13777
00612	741000	SKP	
00613	740040	E1155 HALT	/ERROR; DAC ADDRESS CONTENTS NOT
			/EQUAL TO THE AC, DAC FAILED
00614	206564	LAC M2K	/TEST DAC 35777, AC=M2K
00615	055777	DAC 15777	/AC=775777
00616	555777	SAD 15777	/ADDRESS 15777
00617	741000	SKP	
00620	740040	E1156 HALT	/ERROR; DAC ADDRESS CONTENTS NOT
			/EQUAL TO THE AC, DAC FAILED
00621	206565	LAC M1K	/TEST DAC 36777, AC=776777
00622	056777	DAC 16777	/AC=776777
00623	556777	SAD 16777	/ADDRESS 16777
00624	741000	SKP	
00625	740040	E1157 HALT	/ERROR; DAC ADDRESS CONTENTS NOT
			/EQUAL TO THE AC, DAC FAILED
00626	206566	LAC M400	/TEST DAC 17377, AC=M400
00627	057377	DAC 17377	/AC=777377
00630	557377	SAD 17377	/ADDRESS 17377
00631	741000	SKP	
00632	740040	E1158 HALT	/ERROR; DAC ADDRESS CONTENTS NOT
			/EQUAL TO THE AC, DAC FAILED
00633	206567	LAC M200	/TEST DAC 17577, AC=M200
00634	057577	DAC 17577	/AC=777577
00635	557577	SAD 17577	/ADDRESS 17577
00636	741000	SKP	
00637	740040	E1159 HALT	/ERROR; DAC ADDRESS CONTENTS NOT
			/EQUAL TO THE AC, DAC FAILED
00640	206570	LAC M100	/TEST DAC 17677, AC=M100
00641	057677	DAC 17677	/AC=777677
00642	557677	SAD 17677	/ADDRESS 17677
00643	741000	SKP	
00644	740040	E1160 HALT	/ERROR; DAC ADDRESS CONTENTS NOT
			/EQUAL TO THE AC, DAC FAILED
00645	206571	LAC M40	/TEST DAC 17737, AC=M40
00646	057737	DAC 17737	/AC=777737
00647	557737	SAD 17737	/ADDRESS 17737
00650	741000	SKP	
00651	740040	E1161 HALT	/ERROR; DAC ADDRESS CONTENTS NOT
			/EQUAL TO THE AC, DAC FAILED
00652	206572	LAC M20	/TEST DAC 17757, AC=M20
00653	057757	DAC 17757	/AC=777757
00654	557757	SAD 17757	/ADDRESS 17757
00655	741000	SKP	

00656	740040	E1162	HALT	/ERROR; DAC ADDRESS CONTENTS NOT /EQUAL TO THE AC, DAC FAILED /TEST DAC 17767, AC=M12 /AC=777767
00657	206573		LAC M10	
00660	057767		DAC 17767	/ADDRESS 17767
00661	557767		SAD 17767	
00662	741000		SKP	
00663	740040	E1163	HALT	/ERROR; DAC ADDRESS CONTENTS NOT /EQUAL TO THE AC, DAC FAILED /TEST DAC 17773, AC=M4 /AC=777773
00664	206574		LAC M4	
00665	057773		DAC 17773	/ADDRESS 17773
00666	557773		SAD 17773	
00667	741000		SKP	
00670	740040	E1164	HALT	/ERROR; DAC ADDRESS CONTENTS NOT /EQUAL TO THE AC, DAC FAILED /TEST DAC 17775, AC=M2 /AC=777775
00671	206575		LAC M2	
00672	057775		DAC 17775	/ADDRESS 17775
00673	557775		SAD 17775	
00674	741000		SKP	
00675	740040	E1165	HALT	/ERROR; DAC ADDRESS CONTENTS NOT /EQUAL TO THE AC, DAC FAILED /TEST DAC 17776, AC=M1 /AC=777776
00676	206576		LAC M1	
00677	057776		DAC 17776	/ADDRESS
00700	557776		SAD 17776	
00701	741000		SKP	
00702	740040	E1166	HALT	/ERROR; DAC ADDRESS CONTENTS NOT /EQUAL TO THE AC, DAC FAILED /TEST DAC SERIES, L=0
00703	744000		CLL	
00704	206554		LAC K7S	/AC=ONES
00705	052525		DAC 12525	/ADDRESS 12525
00706	055252		DAC 15252	/ADDRESS 15252
00707	057777		DAC 17777	/ADDRESS 17777
00710	051000		DAC 11000	/ADDRESS 11000
00711	740001		CMA	/AC=0
00712	750200		CLA:SZ	
00713	740040	E1167	HALT	/ERROR; AC NOT ONES AFTER DAC SERIES
00714	312525		ADD 12525	/ONES
00715	315252		ADD 15252	/ONES
00716	317777		ADD 17777	/ONES
00717	311000		ADD 11000	/ONES
00720	740001		CMA	/AC=0
00721	740200		SZA	
00722	740040	E1168	HALT	/ERROR; DAC FAILED, ADDRESSES NOT /ONES /TEST ISZ 0, (0)=0 /AC=0
00723	206514		LAC K0	
00724	040000		DAC 0	
00725	440000		ISZ 0	/ADDRESS =0
00726	751001		SKP:CLA:CMA	/AC=ONES
00727	740040	E1169	HALT	/ERROR; ISZ SKIPPED
00730	506545		AND K1	/AC=1

00731	540000		SAD 0	/ADDRESS=0
00732	741000		SKP	
00733	740040	E1170	HALT	/ERROR; (0) NOT 1, ISZ /FAILED /TEST ISZ 0, (0)=1 /AC=1
00734	226545		LAC K1	
00735	240000		DAC 0	
00736	440000		ISZ 0	/ADDRESS=0
00737	751001		SKP!CLA!CMA	/AC=ONES
00740	740040	E1171	HALT	/ERROR; ISZ SKIPPED
00741	506544		AND K2	/AC=2
00742	540000		SAD 0	/ADDRESS=0
00743	741000		SKP	
00744	740040	E1172	HALT	/ERROR; (0) NOT 2 ISZ /FAILED /TEST ISZ 0, (0)=3 /AC=3
00745	206623		LAC K3	
00746	040000		DAC 0	
00747	440000		ISZ 0	/ADDRESS=0
00750	751001		SKP!CLA!CMA	/AC=ONES
00751	740040	E1173	HALT	/ERROR; ISZ SKIPPED
00752	506543		AND K4	/AC=4
00753	540000		SAD 0	/ADDRESS=0
00754	741000		SKP	
00755	740040	E1174	HALT	/ERROR; (0) NOT 4, ISZ /FAILED /TEST ISZ 0, (0)=7 /AC=7
00756	206624		LAC K7	
00757	040000		DAC 0	
00760	440000		ISZ 0	/ADDRESS=0
00761	751001		SKP!CLA!CMA	/AC=ONES
00762	740040	E1175	HALT	/ERROR; ISZ SKIPPED
00763	506542		AND K10	/AC=10
00764	540000		SAD 0	/ADDRESS=0
00765	741000		SKP	
00766	740040	E1176	HALT	/ERROR; (0) NOT 10, ISZ /FAILED /TEST ISZ 0, (0)=17 /AC=17
00767	206625		LAC K17	
00770	040000		DAC 0	
00771	440000		ISZ 0	/ADDRESS=0
00772	751001		SKP!CLA!CMA	/AC=ONES
00773	740040	E1177	HALT	/ERROR; ISZ SKIPPED
00774	506541		AND K20	/AC=20
00775	601002		JMP ,+5	
00776	601003		JMP ,+5	
00777	600777		JMP ,+0	/ADDRESS MODIFIED BY PROGRAM
01000	601000		JMP ,+0	/ADDRESS MODIFIED BY PROGRAM
01001	601001		JMP ,+0	/ADDRESS MODIFIED BY PROGRAM
01002	540000		SAD 0	/ADDRESS=0
01003	741000		SKP	
01004	740040	E1178	HALT	/ERROR; (0) NOT 20, ISZ /FAILED /TEST ISZ 0, (0)=37 /AC=37
01005	206626		LAC K37	

01006	140000	DAC 0	
01007	440000	ISZ 0	/ADDRESS=0
01010	751001	SKP!CLA!CMA	/AC=ONES
01011	740040	E1179 HALT	/ERROR! ISZ SKIPPED
01012	506531	AND K40	/AC=40
01013	540000	SAD 0	/ADDRESS=0
01014	741000	SKP	
01015	740040	E1180 HALT	/ERROR! (0) NOT 40, ISZ /FAILED /TEST ISZ 0, (0)=77 /AC=77
01016	206627	LAC K77	
01017	040000	DAC 0	
01020	440000	ISZ 0	/ADDRESS=0
01021	751001	SKP!CLA!CMA	/AC=ONES
01022	740040	E1181 HALT	/ERROR! ISZ SKIPPED
01023	506530	AND K100	/AC=100
01024	540000	SAD 0	/ADDRESS=0
01025	741000	SKP	
01026	740040	E1182 HALT	/ERROR! (0) NOT 100, ISZ /FAILED /TEST ISZ 0 (0)=177 /AC=177
01027	206630	LAC K177	
01030	040000	DAC 0	
01031	440000	ISZ 0	/ADDRESS=0
01032	751001	SKP!CLA!CMA	/AC=ONES
01033	740040	E1183 HALT	/ERROR! ISZ SKIPPED
01034	506527	AND K200	/AC=200
01035	540000	SAD 0	/ADDRESS=0
01036	741000	SKP	
01037	740040	E1184 HALT	/ERROR! (0) NOT 200, ISZ /FAILED /TEST ISZ 0, (0)=377 /AC=377
01040	206631	LAC K377	
01041	040000	DAC 0	
01042	440000	ISZ 0	/ADDRESS=0
01043	751001	SKP!CLA!CMA	/AC=ONES
01044	740040	E1185 HALT	/ERROR! ISZ SKIPPED
01045	506526	AND K400	/AC=400
01046	540000	SAD 0	/ADDRESS=0
01047	741000	SKP	
01050	740040	E1186 HALT	/ERROR! (0) NOT 400, ISZ /FAILED /TEST ISZ 0, (0)=777 /AC=777
01051	206632	LAC K777	
01052	040000	DAC 0	
01053	440000	ISZ 0	/ADDRESS=0
01054	751001	SKP!CLA!CMA	/AC=ONES
01055	740040	E1187 HALT	/ERROR! ISZ SKIPPED
01056	506525	AND K1K	/AC=1000
01057	540000	SAD 0	/ADDRESS=0
01060	741000	SKP	
01061	740040	E1188 HALT	/ERROR! (0) NOT 1000, ISZ /FAILED /TEST ISZ 0, (0)=1777 /AC=1777
01062	206633	LAC K1777	

01063	240000		DAC 0	
01064	440000		ISZ 7	/ADDRESS=0
01065	751001		SKP!CLA!CMA	/AC=ONES
01066	740040	E1189	HALT	/ERROR; ISZ SKIPPED
01067	506524		AND K2K	/AC=2000
01070	540000		SAD 0	/ADDRESS=0
01071	741000		SKP	
01072	740040	E1190	HALT	/ERROR; (0) NOT 2000, ISZ /FAILED /TEST ISZ 0, (0)=3777 /AC=3777
01073	206634		LAC K3777	
01074	040000		DAC 0	
01075	440000		ISZ 0	/ADDRESS=0
01076	751001		SKP!CLA!CMA	/AC=ONES
01077	740040	E1191	HALT	/ERROR; ISZ SKIPPED
01100	506523		AND K4K	/AC=4000
01101	540000		SAD 0	/ADDRESS=0
01102	741000		SKP	
01103	740040	E1192	HALT	/ERROR; (0) NOT 4000, ISZ /FAILED /TEST ISZ 0, (0)=7777 /AC=7777
01104	206635		LAC K7777	
01105	040000		DAC 0	
01106	440000		ISZ 0	/ADDRESS=0
01107	751001		SKP!CLA!CMA	/AC=ONES
01110	740040	E1193	HALT	/ERROR; ISZ SKIPPED
01111	506522		AND K10K	/AC=10K
01112	540000		SAD 0	/ADDRESS=0
01113	741000		SKP	
01114	740040	E1194	HALT	/ERROR; (0) NOT 10K, ISZ /FAILED /TEST ISZ 0, (0)=17777 /AC=17777
01115	206636		LAC K17777	
01116	040000		DAC 0	
01117	440000		ISZ 0	/ADDRESS=0
01120	751001		SKP!CLA!CMA	/AC=ONES
01121	740040	E1195	HALT	/ERROR; ISZ SKIPPED
01122	506521		AND K20K	/AC=20K
01123	540000		SAD 0	/ADDRESS=0
01124	741000		SKP	
01125	740040	E1196	HALT	/ERROR; (0) NOT 20K, ISZ /FAILED /TEST ISZ 0, (0)=37777 /AC=37777
01126	206637		LAC K37777	
01127	040000		DAC 0	
01130	440000		ISZ 0	/ADDRESS=0
01131	751001		SKP!CLA!CMA	/AC=ONES
01132	740040	E1197	HALT	/ERROR; ISZ SKIPPED
01133	506520		AND K40K	/AC=40K
01134	540000		SAD 0	/ADDRESS=0
01135	741000		SKP	
01136	740040	E1198	HALT	/ERROR; (0) NOT 40K, ISZ /FAILED /TEST ISZ 0, (0)=77777 /AC=77777
01137	206640		LAC K77777	

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01140 040000 DAC 0
01141 440200 ISZ 0 /ADDRESS=Z
01142 751201 SKP!CLA!CMA /AC=ONES
01143 740040 E1199 HALT /ERROR; ISZ SKIPPED
01144 506517 AND K100K /AC=100K
01145 540000 SAD 0 /ADDRESS=0
01146 741000 SKP
01147 740040 E1200 HALT /ERROR; (0) NOT 100K, ISZ
/FAILED
/TEST ISZ 0, (0)=177777
/AC=177777

01150 206641 LAC M600K
01151 242000 DAC 0
01152 440000 ISZ 0 /ADDRESS=0
01153 751001 SKP!CLA!CMA /AC=ONES
01154 740040 E1201 HALT /ERROR; ISZ SKIPPED
01155 506516 AND K200K /AC=200K
01156 540000 SAD 0 /ADDRESS=0
01157 741000 SKP
01160 740040 E1202 HALT /ERROR; (0) NOT 200K, ISZ
/FAILED
/TEST ISZ 0, (0)=377777
/AC=377777

01161 206555 LAC M400K
01162 040000 DAC 0
01163 440000 ISZ 0 /ADDRESS=0
01164 751001 SKP!CLA!CMA /AC=ONES
01165 740040 E1203 HALT /ERROR; ISZ SKIPPED
01166 506515 AND K400K /AC=400K
01167 540000 SAD 0 /ADDRESS=0
01170 741000 SKP
01171 740040 E1204 HALT /ERROR; (0) NOT 400K, ISZ
/FAILED
/INST TEST PART 2 = TAPE 2
/TEST ISZ 17777, (17777)=777776
/AC=777776

01172 206576 LAC M1
01173 057777 DAC 17777
01174 457777 ISZ 17777 /ADDRESS=17777
01175 751001 SKP!CLA!CMA /AC=ONES
01176 740040 E1205 HALT /ERROR; ISZ SKIPPED
01177 506554 AND K75 /AC=777777
01200 557777 SAD 17777 /ADDRESS=17777
01201 741000 SKP
01202 740040 E1206 HALT /ERROR; (17777) NOT 777777, ISZ
/FAILED
/TEST ISZ 17777, (17777)=777775
/AC=777775

01203 206575 LAC M2
01204 057777 DAC 17777
01205 457777 ISZ 17777 /ADDRESS=17777
01206 751001 SKP!CLA!CMA /AC=ONES
01207 740040 E1207 HALT /ERROR; ISZ SKIPPED
01210 506576 AND M1 /AC=777776
01211 557777 SAD 17777 /ADDRESS=17777
01212 741000 SKP
01213 740040 E1208 HALT /ERROR; (17777) NOT 777776 ISZ
/FAILED
/TEST ISZ 17777, (17777)=777773

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01214	206574		LAC M4	/AC=777773
01215	057777		DAC 17777	
01216	457777		ISZ 17777	/ADDRESS=17777
01217	751001		SKP!CLA!CMA	/AC=ONES
01220	740040	E1209	HALT	/ERROR; ISZ SKIPPED
01221	506642		AND M3	/AC=777774
01222	557777		SAD 17777	/ADDRESS=17777
01223	741000		SKP	
01224	740040	E1210	HALT	/ERROR; (1777) NOT 777774, ISZ /FAILED /TEST ISZ 17777, (17777)=777767 /AC=777767
01225	206573		LAC M10	
01226	057777		DAC 17777	
01227	457777		ISZ 17777	/ADDRESS=17777
01230	751001		SKP!CLA!CMA	/AC=ONES
01231	740040	E1211	HALT	/ERROR; ISZ SKIPPED
01232	506643		AND M7	/AC=777770
01233	557777		SAD 17777	/ADDRESS=17777
01234	741000		SKP	
01235	740040	E1212	HALT	/ERROR; (17777) NOT 777770, ISZ /FAILED /TEST ISZ 17777, (17777)=777757 /AC=777757
01236	206572		LAC M20	
01237	057777		DAC 17777	
01240	457777		ISZ 17777	/ADDRESS=17777
01241	751001		SKP!CLA!CMA	/AC=ONES
01242	740040	E1213	HALT	/ERROR; ISZ SKIPPED
01243	506644		AND M17	/AC=777760
01244	557777		SAD 17777	/ADDRESS=17777
01245	741000		SKP	
01246	740040	E1214	HALT	/ERROR; (17777) NOT 777760, ISZ /FAILED /TEST ISZ 17777, (17777)=777737 /AC=777737
01247	206571		LAC M40	
01250	057777		DAC 17777	
01251	457777		ISZ 17777	/ADDRESS=17777
01252	751001		SKP!CLA!CMA	/AC=ONES
01253	740040	E1215	HALT	/ERROR; ISZ SKIPPED
01254	506645		AND M37	/AC=777740
01255	557777		SAD 17777	/ADDRESS=17777
01256	741000		SKP	
01257	740040	E1216	HALT	/ERROR; (17777) NOT 777740, ISZ /FAILED /TEST ISZ 17777, (17777)=777677 /AC=777677
01260	206570		LAC M100	
01261	057777		DAC 17777	
01262	457777		ISZ 17777	/ADDRESS=17777
01263	751001		SKP!CLA!CMA	/AC=ONES
01264	740040	E1217	HALT	/ERROR; ISZ SKIPPED
01265	506646		AND M77	/AC=777700
01266	557777		SAD 17777	/ADDRESS=17777
01267	741000		SKP	
01270	740040	E1218	HALT	/ERROR; ISZ SKIPPED /FAILED /TEST ISZ 17777, (17777)=777577

01271	226567		LAC M200	/AC=777577
01272	057777		DAC 17777	
01273	457777		ISZ 17777	/ADDRESS 17777
01274	751001		SKP!CLA!CMA	/AC=ONES
01275	740040	E1219	HALT	/ERROR; ISZ SKIPPED
01276	506647		AND M177	/AC=777600
01277	557777		SAD 17777	/ADDRESS=17777
01300	741000		SKP	
01301	740040	E1220	HALT	/ERROR; (17777) NOT 77760, ISZ /FAILED /TEST ISZ 17777, (17777)=777377
01302	206566		LAC M400	/AC=777377
01303	057777		DAC 17777	
01304	457777		ISZ 17777	/ADDRESS=17777
01305	751001		SKP!CLA!CMA	/AC=ONES
01306	740040	E1221	HALT	/ERROR; (17777) NOT 77760, ISZ
01307	506650		AND M377	/AC=777400
01310	557777		SAD 17777	/ADDRESS=17777
01311	741000		SKP	
01312	740040	E1222	HALT	/ERROR; (17777) NOT 777400, ISZ /FAILED /TEST ISZ 17777, (17777)=776777
01313	206565		LAC M1K	/AC=776777
01314	057777		DAC 17777	
01315	457777		ISZ 17777	/ADDRESS=17777
01316	751001		SKP!CLA!CMA	/AC=ONES
01317	740040	E1223	HALT	/ERROR; ISZ SKIPPED
01320	506651		AND M777	/AC=777000
01321	557777		SAD 17777	/ADDRESS=17777
01322	741000		SKP	
01323	740040	E1224	HALT	/ERROR; (17777) NOT 777000, ISZ /FAILED /TEST ISZ 17777, (17777)=775777
01324	206564		LAC M2K	/AC=775777
01325	057777		DAC 17777	
01326	457777		ISZ 17777	/ADDRESS=17777
01327	751001		SKP!CLA!CMA	/AC=ONES
01330	740040	E1225	HALT	/ERROR; (17777) NOT 776000, ISZ
01331	506652		AND M1777	/AC=776000
01332	557777		SAD 17777	/ADDRESS = 17777
01333	741000		SKP	
01334	740040	E1226	HALT	/ERROR; (17777) NOT 776000, ISZ /FAILED /TEST ISZ 17777, (17777)=773777
01335	206563		LAC M4K	/AC=773777
01336	057777		DAC 17777	
01337	457777		ISZ 17777	/ADDRESS=17777
01340	751001		SKP!CLA!CMA	/AC=ONES
01341	740040	E1227	HALT	/ERROR; ISZ SKIPPED
01342	506653		AND M3777	/AC=774000
01343	557777		SAD 17777	/ADDRESS=17777
01344	741000		SKP	
01345	740040	E1228	HALT	/ERROR; (17777) NOT 774000, ISZ /FAILED /TEST ISZ 17777, (17777)=767777

01346	206562	LAC M10K	/AC=767777
01347	057777	DAC 17777	
01350	457777	ISZ 17777	/ADDRESS=17777
01351	751001	SKP!CLA!CMA	/AC=ONES
01352	740040	E1229 HALT	/ERROR; ISZ SKIPPED
01353	506654	AND M7777	/AC=770000
01354	557777	SAD 17777	/ADDRESS=17777
01355	741000	SKP	
01356	740040	E1230 HALT	/ERROR; (17777) NOT 770000, ISZ /FAILED /TEST ISZ 17777, (17777)=757777 /AC=757777
01357	206561	LAC M20K	
01360	057777	DAC 17777	
01361	457777	ISZ 17777	/ADDRESS=17777
01362	751001	SKP!CLA!CMA	/AC=ONES
01363	740040	E1231 HALT	/ERROR; (17777) NOT 770000, ISZ
01364	506655	AND M17777	/AC=760000
01365	557777	SAD 17777	/ADDRESS=17777
01366	741000	SKP	
01367	740040	E1232 HALT	/ERROR; (17777) NOT 760000, ISZ /FAILED /TEST ISZ 17777, (17777)=737777 /AC=737777
01370	206560	LAC M40K	
01371	057777	DAC 17777	
01372	457777	ISZ 17777	/ADDRESS=17777
01373	751001	SKP!CLA!CMA	/AC=ONES
01374	740040	E1233 HALT	/ERROR; (17777) NOT 760000, ISZ
01375	506656	AND M37777	/AC=740000
01376	557777	SAD 17777	/ADDRESS=17777
01377	741000	SKP	
01400	740040	E1234 HALT	/ERROR; (17777) NOT 740000, ISZ /FAILED /TEST ISZ 17777, (17777)=677777 /AC=677777
01401	206557	LAC M100K	
01402	057777	DAC 17777	
01403	457777	ISZ 17777	/ADDRESS=17777
01404	751001	SKP!CLA!CMA	/AC=ONES
01405	740040	E1235 HALT	/ERROR; ISZ SKIPPED
01406	506657	AND M77777	/AC=700000
01407	557777	SAD 17777	/ADDRESS=17777
01410	741000	SKP	
01411	740040	E1236 HALT	/ERROR; (17777) NOT 700000, ISZ /FAILED /TEST ISZ 17777, (17777)=57777 /AC=577777
01412	206556	LAC M200K	
01413	057777	DAC 17777	
01414	457777	ISZ 17777	/ADDRESS=17777
01415	751001	SKP!CLA!CMA	/AC=ONES
01416	740040	E1237 HALT	/ERROR; ISZ SKIPPED
01417	506660	AND K600K	/AC=600000
01420	557777	SAD 17777	/ADDRESS=17777
01421	741000	SKP	
01422	740040	E1238 HALT	/ERROR; (17777) NOT 600000, ISZ /FAILED /TEST ISZ 17777, (17777)=377777

01423	226555	LAC 4400K	/AC=177777
01424	457777	DAC 17777	
01425	457777	ISZ 17777	/ADDRESS=17777
01426	751001	SKP!CLA!CMA	/AC=ONES
01427	740040	E1239 HALT	/ERROR; ISZ SKIPPED
01430	506515	AND 4400K	/AC=400000
01431	557777	SAD 17777	/ADDRESS=17777
01432	741000	SKP	
01433	740040	E1240 HALT	/ERROR; (17777) NOT 400000, ISZ /FAILED /TEST ISZ 0, (0)=ONES /AC=0 /AC=ONES
01434	750000	CLA	
01435	246554	XOR K7S	
01436	040000	DAC 0	
01437	440000	ISZ 0	/ADDRESS=0
01440	740040	E1241 HALT	/ERROR; ISZ FAILED TO SKIP
01441	200000	LAC 0	/ADDRESS=0
01442	740200	SZA	
01443	740040	E1242 HALT	/ERROR; (0) NOT 0, ISZ FAILED /TEST ISZ 1, (1)=ONES /AC=0 /AC=ONES
01444	750000	CLA	
01445	246554	XOR K7S	
01446	040001	DAC 1	
01447	440001	ISZ 1	/ADDRESS=1
01450	740040	E1243 HALT	/ERROR; ISZ FAILED TO SKIP
01451	200001	LAC 1	/ADDRESS=1
01452	740200	SZA	
01453	740040	E1244 HALT	/ERROR; (1) NOT 0, ISZ FAILED /TEST ISZ 2, (2)=ONES /AC=0 /AC=ONES
01454	750000	CLA	
01455	246554	XOR K7S	
01456	040002	DAC 2	
01457	440002	ISZ 2	/ADDRESS=2
01460	740040	E1245 HALT	/ERROR; ISZ FAILED TO SKIP
01461	200002	LAC 2	/ADDRESS=2
01462	740200	SZA	
01463	740040	E1246 HALT	/ERROR; (2) NOT 0, ISZ FAILED /TEST ISZ 4, (4)=ONES /AC=0 /AC=ONES
01464	750000	CLA	
01465	246554	XOR K7S	
01466	040004	DAC 4	
01467	440004	ISZ 4	/ADDRESS=4
01470	740040	E1247 HALT	/ERROR; ISZ FAILED TO SKIP
01471	200004	LAC 4	/ADDRESS=4
01472	740200	SZA	
01473	740040	E1248 HALT	/ERROR; ISZ FAILED TO SKIP /TEST ISZ 10, (10)=ONES /AC=0 /AC=ONES
01474	750000	CLA	
01475	246554	XOR K7S	
01476	040010	DAC 10	
01477	440010	ISZ 10	/ADDRESS=10
01500	740040	E1249 HALT	/ERROR; ISZ FAILED TO SKIP
01501	200010	LAC 10	/ADDRESS=10
01502	740200	SZA	
01503	740040	E1250 HALT	/ERROR; (10) NOT 0, ISZ FAILED

01504	750000		CLA	/TEST ISZ 20, (20)=ONES
01505	246554		XOR K7S	/AC=0
01506	040020		DAC 20	/AC=ONES
01507	440020		ISZ 20	/ADDRESS=20
01510	740040	E1251	HALT	/ERROR; ISZ FAILED TO SKIP
01511	200020		LAC 20	/ADDRESS=20
01512	740200		SZA	
01513	740040	E1252	HALT	/ERROR; (20) NOT 0, ISZ FAILED
				/TEST ISZ 10040=ONES
01514	750000		CLA	/AC=0
01515	246554		XOR K7S	/AC=ONES
01516	050040		DAC 10040	
01517	450040		ISZ 10040	/ADDRESS=10040
01520	740040	E1253	HALT	/ERROR; ISZ FAILED TO SKIP
01521	210040		LAC 10040	/ADDRESS=10040
01522	740200		SZA	
01523	740040	E1254	HALT	/ERROR; (10040) NOT 0; ISZ FAILED
				/TEST ISZ 10100=ONES
01524	750000		CLA	/AC=0
01525	246554		XOR K7S	/AC=ONES
01526	050100		DAC 10100	
01527	450100		ISZ 10100	/ADDRESS=10100
01530	740040	E1255	HALT	/ERROR; ISZ FAILED TO SKIP
01531	210100		LAC 10100	/ADDRESS=10100
01532	740200		SZA	
01533	740040	E1256	HALT	/ERROR; 10100 NOT 0, ISZ FAILED
				/TEST ISZ 10200=ONES
01534	750000		CLA	/AC=0
01535	246554		XOR K7S	/AC=ONES
01536	050200		DAC 10200	
01537	450200		ISZ 10200	/ADDRESS=10200
01540	740040	E1257	HALT	/ERROR; ISZ FAILED TO SKIP
01541	210200		LAC 10200	/ADDRESS=10200
01542	740200		SZA	
01543	740040	E1258	HALT	/ERROR; 10200 NOT 0, ISZ FAILED
				/TEST ISZ 10400=ONES
01544	750000		CLA	/AC=0
01545	246554		XOR K7S	/AC=ONES
01546	050400		DAC 10400	
01547	450400		ISZ 10400	/ADDRESS=10400
01550	740040	E1259	HALT	/ERROR; ISZ FAILED TO SKIP
01551	210400		LAC 10400	/ADDRESS=10400
01552	740200		SZA	
01553	740040	E1260	HALT	/ERROR; 10400 NOT 0, ISZ FAILED
				/TEST ISZ 11000=ONES
01554	750000		CLA	/AC=0
01555	246554		XOR K7S	/AC=ONES
01556	051000		DAC 11000	
01557	451000		ISZ 11000	/ADDRESS=11000
01560	740040	E1261	HALT	/ERROR; ISZ FAILED TO SKIP
01561	211000		LAC 11000	/ADDRESS=11000
01562	740200		SZA	
01563	740040	E1262	HALT	/ERROR; ISZ FAILED TO SKIP
				/TEST ISZ 12000=ONES

01564	750000		CLA	/AC=0
01565	246554		XOR K7S	/AC=ONES
01566	052000		DAC 12000	
01567	452000		ISZ 12000	/ADDRESS=12000
01570	740040	E1263	HALT	/ERROR; ISZ FAILED TO SKIP
01571	212000		LAC 12000	/ADDRESS=12000
01572	740200		SZA	
01573	740040	E1264	HALT	/ERROR; (12000) NOT 0, ISZ FAILED /TEST ISZ 14000=ONES
01574	750000		CLA	/AC=0
01575	246554		XOR K7S	/AC=ONES
01576	054000		DAC 14000	
01577	454000		ISZ 14000	/ADDRESS=14000
01600	740040	E1265	HALT	/ERROR; ISZ FAILED TO SKIP
01601	214000		LAC 14000	/ADDRESS=14000
01602	740200		SZA	
01603	740040	E1266	HALT	/ERROR; (14000) NOT 0, ISZ FAILED /TEST ISZ 10000, (10000)=ONES
01604	750000		CLA	/AC=0
01605	246554		XOR K7S	/AC=ONES
01606	050000		DAC 10000	
01607	450000		ISZ 10000	/ADDRESS=10000
01610	740040	E1267	HALT	/ERROR; (4000) NOT 0, ISZ FAILED
01611	210000		LAC 10000	/ADDRESS=10000
01612	740200		SZA	
01613	740040	E1268	HALT	/ERROR; (10000) NOT 0, ISZ FAILED /TEST ISZ 17777, (17777)=ONES
01614	750000		CLA	/AC=0
01615	246554		XOR K7S	/AC=ONES
01616	057777		DAC 17777	
01617	457777		ISZ 17777	/ADDRESS=17777
01620	740040	E1269	HALT	/ERROR; ISZ FAILED TO SKIP
01621	217777		LAC 17777	/ADDRESS=17777
01622	740200		SZA	
01623	740040	E1270	HALT	/ERROR; (17777) NOT 0, ISZ FAILED /TEST ISZ 7777, (7777)=ONES
01624	750000		CLA	/AC=0
01625	246554		XOR K7S	/AC=ONES
01626	047777		DAC 7777	
01627	447777		ISZ 7777	/ADDRESS=7777
01630	740040	E1271	HALT	/ERROR; ISZ FAILED TO SKIP
01631	207777		LAC 7777	/ADDRESS=7777
01632	740200		SZA	
01633	740040	E1272	HALT	/ERROR; ISZ FAILED TO SKIP /TEST ISZ 13777, (13777)=ONES
01634	750000		CLA	/AC=0
01635	246554		XOR K7S	/AC=ONES
01636	053777		DAC 13777	
01637	453777		ISZ 13777	/ADDRESS=13777
01640	740040	E1273	HALT	/ERROR; ISZ FAILED TO SKIP
01641	213777		LAC 13777	/ADDRESS=13777
01642	740200		SZA	
01643	740040	E1274	HALT	/ERROR; (13777) NOT 0, ISZ FAILED /TEST ISZ 15777, (15777)=ONES
01644	750000		CLA	/AC=0

01645	246554		XOR K7S	/AC=ONES
01646	055777		DAC 15777	
01647	455777		ISZ 15777	/ADDRESS=15777
01650	740240	E1275	HALT	/ERROR; ISZ FAILED TO SKIP
01651	215777		LAC 15777	/ADDRESS=15777
01652	740200		SZA	
01653	740240	E1276	HALT	/ERROR; (15777) NOT 0, ISZ FAILED
				/TEST ISZ 16777, (16777)=ONES
01654	750000		CLA	/AC=0
01655	246554		XOR K7S	/AC=ONES
01656	056777		DAC 16777	
01657	456777		ISZ 16777	/ADDRESS=16777
01660	740040	E1277	HALT	/ERROR; ISZ FAILED TO SKIP
01661	216777		LAC 16777	/ADDRESS=16777
01662	740200		SZA	
01663	740040	E1278	HALT	/ERROR; (16777) NOT 0, ISZ FAILED
				/TEST ISZ 17377, (17377)=ONES
01664	750000		CLA	/AC=0
01665	246554		XOR K7S	/AC=ONES
01666	057377		DAC 17377	
01667	457377		ISZ 17377	/ADDRESS=17377
01670	740040	E1279	HALT	/ERROR; ISZ FAILED TO SKIP
01671	217377		LAC 17377	/ADDRESS=17377
01672	740200		SZA	
01673	740040	E1280	HALT	/ERROR; (17377) NOT 0, ISZ FAILED
				/TEST ISZ 17577, (17577)=ONES
01674	750000		CLA	/AC=0
01675	246554		XOR K7S	/AC=ONES
01676	057577		DAC 17577	
01677	457577		ISZ 17577	/ADDRESS=17577
01700	740040	E1281	HALT	/ERROR; ISZ FAILED TO SKIP
01701	217577		LAC 17577	/ADDRESS=17577
01702	740200		SZA	
01703	740040	E1282	HALT	/ERROR; (17577) NOT 0, ISZ FAILED
				/TEST ISZ 17677, (17677)=ONES
01704	750000		CLA	/AC=0
01705	246554		XOR K7S	/AC=ONES
01706	057677		DAC 17677	
01707	457677		ISZ 17677	/ADDRESS=17677
01710	740040	E1283	HALT	/ERROR; ISZ FAILED TO SKIP
01711	217677		LAC 17677	/ADDRESS=17677
01712	740200		SZA	
01713	740040	E1284	HALT	/ERROR; (17677) NOT 0, ISZ FAILED
				/TEST ISZ 177377, (177377)=ONES
01714	750000		CLA	/AC=0
01715	246554		XOR K7S	/AC=ONES
01716	057737		DAC 17737	
01717	457737		ISZ 17737	/ADDRESS=17737
01720	740040	E1285	HALT	/ERROR; ISZ FAILED TO SKIP
01721	217737		LAC 17737	/ADDRESS=17737
01722	740200		SZA	
01723	740040	E1286	HALT	/ERROR; (17737) NOT 0, ISZ FAILED
				/TEST ISZ 17757, (17757)=ONES
01724	750000		CLA	/AC=0

01725	246554		XOR K7S	/AC=ONES
01726	257757		DAC 17757	
01727	457757		ISZ 17757	/ADDRESS=17757
01730	740040	E1287	HALT	/ERROR; ISZ FAILED TO SKIP
01731	217757		LAC 17757	/ADDRESS=17757
01732	740200		SZA	
01733	740040	E1288	HALT	/ERROR; (17757) NOT 0, ISZ FAILED
				/TEST ISZ 17767, (17767)=ONES
01734	750000		CLA	/AC=0
01735	246554		XOR K7S	/AC=ONES
01736	057767		DAC 17767	
01737	457767		ISZ 17767	/ADDRESS=17767
01740	740040	E1289	HALT	/ERROR; ISZ FAILED TO SKIP
01741	217767		LAC 17767	/ADDRESS=17767
01742	740200		SZA	
01743	740040	E1290	HALT	/ERROR; (17767) NOT 0, ISZ FAILED
				/TEST ISZ 17773, (17773)=ONES
01744	750000		CLA	/AC=0
01745	246554		XOR K7S	/AC=ONES
01746	057773		DAC 17773	
01747	457773		ISZ 17773	/ADDRESS=17773
01750	740040	E1291	HALT	/ERROR; ISZ FAILED TO SKIP
01751	217773		LAC 17773	/ADDRESS=17773
01752	740200		SZA	
01753	740040	E1292	HALT	/ERROR; (17773) NOT 0, ISZ FAILED
				/TEST ISZ 17775, (17775)=ONES
01754	750000		CLA	/AC=0
01755	246554		XOR K7S	/AC=ONES
01756	057775		DAC 17775	
01757	457775		ISZ 17775	/ADDRESS=17775
01760	740040	E1293	HALT	/ERROR; ISZ FAILED TO SKIP
01761	217775		LAC 17775	/ADDRESS=17775
01762	740200		SZA	
01763	740040	E1294	HALT	/ERROR; (17775) NOT 0, ISZ FAILED
				/TEST ISZ 17776, (17776)=ONES
01764	750000		CLA	/AC=0
01765	246554		XOR K7S	/AC=ONES
01766	057776		DAC 17776	
01767	457776		ISZ 17776	/ADDRESS=17776
01770	740040	E1295	HALT	/ERROR; ISZ FAILED TO SKIP
01771	217776		LAC 17776	/ADDRESS=17776
01772	740200		SZA	
01773	740040	E1296	HALT	/ERROR; (17776) NOT 0, ISZ FAILED
				/TEST ISZ 15252=ONES
01774	750000		CLA	/AC=0
01775	602002		JMP ,+5	
01776	602003		JMP ,+5	
01777	601777		JMP ,+0	/ADDRESS MODIFIED BY PROGRAM
02000	602002		JMP ,+0	/ADDRESS MODIFIED BY PROGRAM
02001	602001		JMP ,+0	/ADDRESS MODIFIED BY PROGRAM
02002	246554		XOR K7S	/AC=ONES
02003	255252		DAC 15252	
02004	455252		ISZ 15252	/ADDRESS=15252
02005	740040	E1297	HALT	/ERROR; ISZ FAILED TO SKIP
02006	602011		JMP ,+3	

02007	602012		JMP .+3	
02010	602017		JMP .+0	/ADDRESS MODIFIED BY PROGRAM
02011	215252		LAC 15252	/ADDRESS=15252
02012	740200		SZA	
02013	740240	E1298	HALT	/ERROR; (15252) NOT 0, ISZ FAILED /ISZ SERIES TEST, SKIP /AC=ONES
02014	206554		LAC K7S	
02015	052525		DAC 12525	
02016	055252		DAC 15252	
02017	057777		DAC 17777	
02020	051000		DAC 11000	
02021	452525		ISZ 12525	/ADDRESS=12525
02022	741000		SKP	
02023	455252		ISZ 15252	/ADDRESS=15252
02024	741000		SKP	
02025	457777		ISZ 17777	/ADDRESS=17777
02026	741000		SKP	
02027	451000		ISZ 11000	/ADDRESS=11000
02030	740040	E1299	HALT	/ERROR; ISZ FAILED TO SKIP
02031	312525		ADD 12525	
02032	315252		ADD 15252	
02033	317777		ADD 17777	
02034	311000		ADD 11000	
02035	740001		CMA	
02036	740200		SZA	
02037	740040	E1300	HALT	/ERROR; ALL ADDRESS NOT 0 /ISZ SERIES TEST, NO-SKIP /AC=377777
02040	206555		LAC M400K	
02041	052525		DAC 12525	
02042	055252		DAC 15252	
02043	057777		DAC 17777	
02044	051000		DAC 11000	
02045	452525		ISZ 12525	/ADDRESS=12525
02046	455252		ISZ 15252	/ADDRESS=15252
02047	457777		ISZ 17777	/ADDRESS=17777
02050	451000		ISZ 11000	/ADDRESS=11000
02051	750000		CLA	
02052	312525		ADD 12525	/(12525)=400K
02053	315252		ADD 15252	/(15252)=400K
02054	317777		ADD 17777	/(17777)=400K
02055	311000		ADD 11000	/(11000)=400K
02056	246544		XOR K2	/RESULT=2
02057	740200		SZA	
02060	740040	E1301	HALT	/ERROR; ALL ADDRESSES NOT 400K /TEST ISZ-SKP, SKIP /AC=ONES
02061	206554		LAC K7S	
02062	055252		DAC 15252	
02063	455252		ISZ 15252	/ADDRESS=15252
02064	741000		SKP	
02065	741000		SKP	
02066	740040	E1302	HALT	/ERROR; ISZ-SKP FAILED TO SKIP /TEST SKP-ISZ, SKIP /AC=ONES
02067	206554		LAC K7S	
02070	055252		DAC 15252	
02071	741000		SKP	

02072	740200		NOP	
02073	455252		ISZ 15252	/ADDRESS=15252
02074	740240	E1303	HALT	/ERROR; SKP-ISZ FAILED TO SKIP /TEST SKP-ISZ, NO=SKIP /AC=2
02075	206514		LAC K0	
02076	355252		DAC 15252	
02077	741000		SKP	
02100	740000		NOP	
02101	455252		ISZ 15252	/ADDRESS=15252
02102	741000		SKP	
02103	740040	E1304	HALT	/ERROR; SKP-ISZ SKIPPED
02104	740000	/PDP-15 MODX	INSTRUCTION TEST PART 2 - TAPE 3 NOP	/FAILURE /TEST JMP 0, RJMP0, /JMP TABLE ERROR ADDRESS
02105	206767		LAC J0	
02106	740200		SZA	
02107	740040	E1305	HALT	/ERROR; JMP 0 OR RJMP0 FAILED
02110	207157		LAC RJ0	
02111	046767		DAC J0	/STORE JMP ADDRESS IN TABLE
02112	740000		DAC 0	/STORE RJMP INSTRUCTION
02113	600000		JMP 0	/JMP TO 0
02114	741000		SKP	
02115	146767	RJMP0	DZM J0	/CLEAR J0 ERROR ADDRESS /TEST JMP 1, RJMP1, /JMP TABLE ERROR ADDRESS
02116	206770		LAC J1	
02117	740200		SZA	
02120	740040	E1306	HALT	/ERROR; JMP 1 OR RJMP1 FAILED
02121	207160		LAC RJ1	
02122	046770		DAC J1	/STORE JMP ADDRESS IN TABLE
02123	040001		DAC 1	/STORE RJMP INSTRUCTION
02124	600001		JMP 1	/JMP TO 1
02125	741000		SKP	
02126	146770	RJMP1	DZM J1	/CLEAR J1 ERROR ADDRESS /TEST JMP 2, RJMP2, /JMP TABLE ERROR ADDRESS
02127	206771		LAC J2	
02130	740200		SZA	
02131	740040	E1307	HALT	/ERROR; JMP 2 OR RJMP2 FAILED
02132	207161		LAC RJ2	
02133	046771		DAC J2	/STORE JMP ADDRESS IN TABLE
02134	040002		DAC 2	/STORE RJMP INSTRUCTION
02135	600002		JMP 2	/JMP TO 2
02136	741000		SKP	
02137	146771	RJMP2	DZM J2	/CLEAR J2 ERROR ADDRESS /TEST JMP 4, RJMP3, /JMP TABLE ERROR ADDRESS
02140	206772		LAC J4	
02141	740200		SZA	
02142	740040	E1308	HALT	/ERROR; JMP 4 OR RJMP3 FAILED
02143	207162		LAC RJ3	
02144	046772		DAC J4	/STORE JMP ADDRESS IN TABLE
02145	040004		DAC 4	/STORE RJMP INSTRUCTION
02146	600004		JMP 4	/JMP TO 4
02147	741000		SKP	
02150	146772	RJMP3	DZM J4	/CLEAR J4 ERROR ADDRESS /TEST JMP 10, RJMP4, /JMP TABLE ERROR ADDRESS
02151	206773		LAC J10	

02152	740200		SZA	
02153	740043	E1309	HALT	/ERROR: JMP 10 OR RJMP4 FAILED
02154	207163		LAC RJ4	
02155	046773		DAC J10	/STORE JMP ADDRESS IN TABLE
02156	240010		DAC 10	/STORE RJMP INSTRUCTION
02157	600010		JMP 10	/JMP TO 10
02160	741000		SKP	
02161	146773	RJMP4	DZM J10	/CLEAR J10 ERROR ADDRESS
				/TEST JMP 20, RJMP5,
				/JMP TABLE ERROR ADDRESS
02162	206774		LAC J20	
02163	740200		SZA	
02164	740040	E1310	HALT	/ERROR: JMP 20 OR RJMP5 FAILED
02165	207164		LAC RJ5	
02166	046774		DAC J20	/STORE JMP ADDRESS IN TABLE
02167	040020		DAC 20	/STORE RJMP INSTRUCTION
02170	600020		JMP 20	/JMP TO 20
02171	741000		SKP	
02172	146774	RJMP5	DZM J20	/CLEAR J20 ERROR ADDRESS
				/TEST JMP 10040, .=.
				/JMP TABLE ERROR ADDRESS
02173	206775		LAC J40	
02174	740200		SZA	
02175	740040	E1311	HALT	/ERROR: JMP 10040 OR RJMP6 FAILED
02176	207165		LAC RJ6	
02177	046775		DAC J40	/STORE JMP ADDRESS IN TABLE
02200	050040		DAC 10040	/STORE RJMP INSTRUCTION
02201	610040		JMP 10040	/JMP TO 10040
02202	741000		SKP	
02203	146775	RJMP6	DZM J40	/CLEAR J40 ERROR ADDRESS
				/TEST JMP 10100, RJMP7,
				/JMP TABLE ERROR ADDRESS
02204	206776		LAC J100	
02205	740200		SZA	
02206	740040	E1312	HALT	/ERROR: JMP 10100 OR RJMP7 FAILED
02207	207166		LAC RJ7	
02210	046776		DAC J100	/STORE JMP ADDRESS IN TABLE
02211	050100		DAC 10100	/STORE RJMP INSTRUCTION
02212	610100		JMP 10100	/JMP TO 10100
02213	741000		SKP	
02214	146776	RJMP7	DZM J100	/CLEAR J100 ERROR ADDRESS
				/TEST JMP 10200, RJMP8,
				/JMP TABLE ERROR ADDRESS
02215	206777		LAC J200	
02216	740200		SZA	
02217	740040	E1313	HALT	/ERROR: JMP 10200 OR RJMP8 FAILED
02220	207167		LAC RJ8	
02221	046777		DAC J200	/STORE JMP ADDRESS IN TABLE
02222	050200		DAC 10200	/STORE RJMP INSTRUCTION
02223	610200		JMP 10200	/JMP TO 10200
02224	741000		SKP	
02225	146777	RJMP8	DZM J200	/CLEAR J200 ERROR ADDRESS
				/TEST JMP 10400, RJMP9
				/JMP TABLE ERROR ADDRESS
02226	207000		LAC J400	
02227	740200		SZA	
02230	740040	E1314	HALT	/ERROR: JMP 10400 OR RJMP9 FAILED
02231	207170		LAC RJ9	/AC=400
02232	047000		DAC J400	/STORE JMP ADDRESS IN TABLE
02233	050400		DAC 10400	/STORE RJMP INSTRUCTION


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02234 612407 JMP 10400 /JUMP TO 10400
02235 741007 SKP
02236 147207 R JMP9 DZM J400 /CLEAR J400 ERROR ADDRESS
/TEST JMP 11000, R JMP 10,
/JUMP TABLE ERROR ADDRESS
02237 207201 LAC J1K
02240 742220 SZA
02241 742040 E1315 HALT /ERROR; JMP 11000 OR R JMP10 FAILED
02242 207171 LAC RJ10
02243 047001 DAC J1K /STORE JMP ADDRESS IN TABLE
02244 051000 DAC 11000 /STORE R JMP INSTRUCTION
02245 611200 JMP 11000 /JUMP TO 11000
02246 741007 SKP
02247 147001 R JMP10 DZM J1K /CLEAR J1K ERROR ADDRESS
/TEST JMP 12000, R JMP11,
/JUMP TABLE ERROR ADDRESS
02250 207002 LAC J2K
02251 740200 SZA
02252 740040 E1316 HALT /ERROR; JMP 12000 OR R JMP11 FAILED
02253 207172 LAC RJ11
02254 047002 DAC J2K /STORE JMP ADDRESS IN TABLE
02255 052000 DAC 12000 /STORE R JMP INSTRUCTION
02256 612000 JMP 12000 /JUMP TO 12000
02257 741000 SKP
02260 147002 R JMP11 DZM J2K /CLEAR J2K ERROR ADDRESS
/TEST JMP 14000, R JMP12,
/JUMP TABLE ERROR ADDRESS
02261 207003 LAC J4K
02262 740200 SZA
02263 740040 E1317 HALT /ERROR; JMP 14000 OR R JMP12 FAILED
02264 207173 LAC RJ12
02265 047003 DAC J4K /STORE JMP ADDRESS IN TABLE
02266 054000 DAC 14000 /STORE R JMP INSTRUCTION
02267 614000 JMP 14000 /JUMP TO 14000
02270 741000 SKP
02271 147003 R JMP12 DZM J4K /CLEAR J4K ERROR ADDRESS
/TEST JMP 10000, R JMP 13,
/JUMP TABLE ERROR ADDRESS
02272 207004 LAC J10K
02273 740200 SZA
02274 740040 E1318 HALT /ERROR; JMP 10000 OR R JMP13 FAILED
02275 147004 DZM J10K /CLEAR J10K TO CONTINUE AFTER ERROR
02276 207174 LAC RJ13
02277 047004 DAC J10K /STORE JMP ADDRESS IN TABLE
02300 050000 DAC 10000 /STORE R JMP INSTRUCTION
02301 610000 JMP 10000 /JUMP TO 10000
02302 741000 SKP
02303 147004 R JMP13 DZM J10K /CLEAR J10K ERROR ADDRESS
/TEST JMP 7777, R JMP14,
/JUMP TABLE ERROR ADDRESS
02304 207005 LAC JM10K
02305 740200 SZA
02306 740040 E1319 HALT /ERROR; JMP 7777 OR R JMP14 FAILED
02307 207175 LAC RJ14
02310 047005 DAC JM10K /STORE JMP ADDRESS IN TABLE
02311 047777 DAC 7777 /STORE R JMP INSTRUCTION
02312 607777 JMP 7777 /JUMP TO 7777
02313 741000 SKP
02314 147005 R JMP14 DZM JM10K /CLEAR JM10K ERROR ADDRESS
/TEST JMP 13777, R JMP15

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02315	227226		LAC JM4K	/JMP TABLE ERROR ADDRESS
02316	740220		SZA	
02317	740242	E1320	HALT	/ERROR; JMP 13777 OR RJMP15 FAILED
02320	207176		LAC RJ15	
02321	247226		DAC JM4K	/STORE JMP ADDRESS IN TABLE
02322	253777		DAC 13777	/STORE RJMP INSTRUCTION
02323	613777		JMP 13777	/JMP TO 13777
02324	741000		SKP	
02325	147006	RJMP15	DZM JM4K	/CLEAR JM4K ERROR ADDRESS
				/TEST JMP 15777, RJMP16
02326	207015		LAC JM2K	/JMP TABLE ERROR ADDRESS
02327	740220		SZA	
02330	740040	E1321	HALT	/ERROR; JMP 15777 OR RJMP16 FAILED
02331	207177		LAC RJ16	
02332	047015		DAC JM2K	/STORE JMP ADDRESS IN TABLE
02333	055777		DAC 15777	/STORE RJMP INSTRUCTION
02334	615777		JMP 15777	/JMP TO 15777
02335	741000		SKP	
02336	147015	RJMP16	DZM JM2K	/CLEAR JM2K ERROR ADDRESS
				/TEST JMP 16777, RJMP17,
02337	207016		LAC JM1K	/JMP TABLE ERROR ADDRESS
02340	740220		SZA	
02341	740040	E1322	HALT	/ERROR; JMP 16777 OR RJMP17 FAILED
02342	207200		LAC RJ17	
02343	047016		DAC JM1K	/STORE JMP ADDRESS IN TABLE
02344	056777		DAC 16777	/STORE RJMP INSTRUCTION
02345	616777		JMP 16777	/JMP TO 16777
02346	741000		SKP	
02347	147016	RJMP17	DZM JM1K	/CLEAR JM1K ERROR ADDRESS
				/TEST JMP 17377, RJMP18,
02350	207017		LAC JM400	/JMP TABLE ERROR ADDRESS
02351	740200		SZA	
02352	740040	E1323	HALT	/ERROR; JMP 17377 OR RJMP18 FAILED
02353	207201		LAC RJ18	
02354	047017		DAC JM400	/STORE JMP ADDRESS IN TABLE
02355	057377		DAC 17377	/STORE RJMP INSTRUCTION
02356	617377		JMP 17377	/JMP TO 17377
02357	741000		SKP	
02360	147017	RJMP18	DZM JM400	/CLEAR J ERROR ADDRESS
				/TEST JMP 17577, RJMP19,
02361	207020		LAC JM200	/JMP TABLE ERROR ADDRESS
02362	740220		SZA	
02363	740040	E1324	HALT	/ERROR; JMP17577 OR RJMP19 FAILED
02364	207202		LAC RJ19	
02365	047020		DAC JM200	/STORE JMP ADDRESS IN TABLE
02366	057577		DAC 17577	/STORE RJMP INSTRUCTION
02367	617577		JMP 17577	/JMP TO 17577
02370	741000		SKP	
02371	147020	RJMP19	DZM JM200	/CLEAR JM200 ERROR ADDRESS
				/TEST JMP17677, RJMP 20,
02372	207021		LAC JM100	/JMP TABLE ERROR ADDRESS
02373	740200		SZA	
02374	740040	E1325	HALT	/ERROR; JMP 17677 OR RJMP20 FAILED
02375	147021		DZM JM100	/CLEAR JM100 TO CONTINUE AFTER ERROR
02376	207203		LAC RJ20	

02377	047021	DAC JM100	/STORE JMP ADDRESS IN TABLE
02400	207203	LAC RJ20	/JMP RJMP20
02401	057677	DAC 17677	/STORE RJMP INSTRUCTION
02402	617677	JMP 17677	/JMP TO 17677
02403	147021	RJMP20 DZM JM100	/CLEAR JM100 ERROR ADDRESS
			/TEST JMP17737, RJMP21
			/JMP TABLE ERROR ADDRESS
02404	207022	LAC JM40	
02405	740200	SZA	
02406	740040	E1326 HALT	/ERROR: JMP 17737 OR RJMP21 FAILED
02407	207204	LAC RJ21	
02410	047022	DAC JM40	/STORE JMP ADDRESS IN TABLE
02411	057737	DAC 17737	/STORE RJMP INSTRUCTION
02412	617737	JMP 17737	/JMP TO 17737
02413	741000	SKP	
02414	147022	RJMP21 DZM JM40	/CLEAR JM40 ERROR ADDRESS
			/TEST JMP 17757, RJMP22
			/JMP TABLE ERROR ADDRESS
02415	207023	LAC JM20	
02416	740200	SZA	
02417	740040	E1327 HALT	/ERROR: JMP 17757 OR RJMP22 FAILED
02420	207205	LAC RJ22	
02421	047023	DAC JM20	/STORE JMP ADDRESS IN TABLE
02422	057757	DAC 17757	/STORE RJMP INSTRUCTION
02423	617757	JMP 17757	/JMP TO 17757
02424	741000	SKP	
02425	147023	RJMP22 DZM JM20	/CLEAR JM20 ERROR ADDRESS
			/TEST JMP 17767, RJMP23
			/JMP TABLE ERROR ADDRESS
02426	207024	LAC JM10	
02427	740200	SZA	
02430	740040	E1328 HALT	/ERROR: JMP 17767 OR RJMP23 FAILED
02431	207206	LAC RJ23	
02432	047024	DAC JM10	/STORE JMP ADDRESS IN TABLE
02433	057767	DAC 17767	/STORE RJMP INSTRUCTION
02434	617767	JMP 17767	/JMP TO 17767
02435	741000	SKP	
02436	147024	RJMP23 DZM JM10	/CLEAR JM10 ERROR ADDRESS
			/TEST JMP 17773, RJMP24,
			/JMP TABLE ERROR ADDRESS
02437	207025	LAC JM4	
02440	740200	SZA	
02441	740040	E1329 HALT	/ERROR: JMP 17773 OR RJMP24 FAILED
02442	207207	LAC RJ24	
02443	047025	DAC JM4	/STORE JMP ADDRESS IN TABLE
02444	057773	DAC 17773	/STORE RJMP INSTRUCTION
02445	617773	JMP 17773	/JMP TO 17773
02446	741000	SKP	
02447	147025	RJMP24 DZM JM4	/CLEAR JM4 ERROR ADDRESS
			/TEST JMP 17775, RJMP25
			/JMP TABLE ERROR ADDRESS
02450	207026	LAC JM2	
02451	740200	SZA	
02452	740040	E1330 HALT	/ERROR: JMP 17775 OR RJMP25 FAILED
02453	207210	LAC RJ25	
02454	047026	DAC JM2	/STORE JMP ADDRESS IN TABLE
02455	057775	DAC 17775	/STORE RJMP INSTRUCTION
02456	617775	JMP 17775	/JMP TO 17775
02457	741000	SKP	
02458	147026	RJMP25 DZM JM2	/CLEAR JM2 ERROR ADDRESS

02461	207027		LAC JM1	/TEST JMP 17776, RJMP26
02462	740200		SZA	/JMP TABLE ERROR ADDRESS
02463	740040	E1331	HALT	/ERROR: JMP 17776 OR RJMP26 FAILED
02464	207211		LAC RJ26	
02465	047027		DAC JM1	/STORE JMP ADDRESS IN TABLE
02466	057776		DAC 17776	/STORE RJMP INSTRUCTION
02467	617776		JMP 17776	/JMP TO 17776
02470	741000		SKP	
02471	147027	RJMP26	DZM JM1	/CLEAR JM1 ERROR ADDRESS
				/TEST JMP 17777, RJMP27
02472	207030		LAC JM0	/JMP TABLE ERROR ADDRESS
02473	740200		SZA	
02474	740040	E1332	HALT	/ERROR: JMP 17777 OR RJMP27 FAILED
02475	207212		LAC RJ27	
02476	047030		DAC JM0	/STORE JMP ADDRESS IN TABLE
02477	057777		DAC 17777	/STORE RJMP INSTRUCTION
02500	617777		JMP 17777	/JMP TO 17777
02501	741000		SKP	
02502	147030	RJMP27	DZM JM0	/CLEAR JM0 ERROR ADDRESS
				/TEST JMP 12525, RJMP28
02503	207031		LAC J12525	/JMP TABLE ERROR ADDRESS
02504	740200		SZA	
02505	740040	E1333	HALT	/ERROR: JMP 12525 OR RJMP28 FAILED
02506	207213		LAC RJ28	
02507	047031		DAC J12525	/STORE JMP ADDRESS IN TABLE
02510	052525		DAC 12525	/STORE RJMP INSTRUCTION
02511	612525		JMP 12525	/JMP TO 12525
02512	741000		SKP	
02513	147031	RJMP28	DZM J12525	/CLEAR J12525 ERROR ADDRESS
				/TEST JMP 15252, RJMP29
02514	207032		LAC J15252	/JMP TABLE ERROR ADDRESS
02515	740200		SZA	
02516	740040	E1334	HALT	/ERROR: JMP 15252 OR RJMP29 FAILED
02517	207214		LAC RJ29	
02520	047032		DAC J15252	/STORE JMP ADDRESS IN TABLE
02521	055252		DAC 15252	/STORE RJMP INSTRUCTION
02522	615252		JMP 15252	/JMP TO 15252
02523	602527		JMP ,+4	
02524	602530		JMP ,+4	
02525	602525		JMP ,+0	/ADDRESS MODIFIED BY PROGRAM
02526	602526		JMP ,+0	/ADDRESS MODIFIED BY PROGRAM
02527	741000		SKP	
02530	147032	RJMP29	DZM J15252	/CLEAR J15252 ERROR ADDRESS
				/TEST JMP COMPLIMENTS
02531	207033		LAC J00	/JMP TABLE ERROR ADDRESS
02532	740200		SZA	
02533	740040	E1335	HALT	/ERROR: JMP 0 TO 17777, TO RJ00
02534	206632		LAC K777	
02535	047033		DAC J00	/STORE ERROR CODE: K777
02536	207215		LAC RJ00	
02537	057777		DAC 17777	/STORE JMP RJ00
02540	207216		LAC RJ0CX	
02541	040000		DAC 0	/STORE JMP 17777
02542	600000		JMP 0	/JMP 0

02543	741000		SKP	
02544	147033	RJC0	DZM J00	/CLEAR J00 ERROR ADDRESS /TEST JMP COMPLEMENTS
02545	207034		LAC JC1	/JMP TABLE ERROR ADDRESS
02546	740200		SZA	
02547	740040	E1336	HALT	/ERROR: JMP 1, TO 17776 TO RJC1
02550	206545		LAC K1	
02551	047034		DAC JC1	/STORE ERROR CODE: K1
02552	207217		LAC RJ1C	
02553	057776		DAC 17776	/STORE JMP RJC1
02554	207220		LAC RJ1CX	
02555	040021		DAC 1	/STORE JMP 17776
02556	600001		JMP 1	/JMP 1
02557	741000		SKP	
02560	147034	RJC1	DZM JC1	/CLEAR JC1 ERROR ADDRESS /TEST JMP COMPLEMENTS
02561	207035		LAC JC2	/JMP TABLE ERROR ADDRESS
02562	740200		SZA	
02563	740040	E1337	HALT	/ERROR: JMP 2, TO 17775 TO RJC2
02564	206544		LAC K2	
02565	047035		DAC JC2	/STORE ERROR CODE: K2
02566	207221		LAC RJ2C	
02567	057775		DAC 17775	/STORE JMP RJC2
02570	207222		LAC RJ2CX	
02571	040002		DAC 2	/STORE JMP 17775
02572	600002		JMP 2	/JMP 2
02573	741000		SKP	
02574	147035	RJC2	DZM JC2	/CLEAR JC2 ERROR ADDRESS /TEST JMP COMPLEMENTS
02575	207036		LAC JC4	/JMP TABLE ERROR ADDRESS
02576	740200		SZA	
02577	740040	E1338	HALT	/ERROR: JMP 4, TO 17773 TO RJC3
02600	206543		LAC K4	
02601	047036		DAC JC4	/STORE ERROR CODE: K4
02602	207223		LAC RJ3C	
02603	057773		DAC 17773	/STORE JMP RJC3
02604	207224		LAC RJ3CX	
02605	040004		DAC 4	/STORE JMP 17773
02606	600004		JMP 4	/JMP 4
02607	741000		SKP	
02610	147036	RJC3	DZM JC4	/CLEAR JC4 ERROR ADDRESS /TEST JMP COMPLEMENTS
02611	207037		LAC JC10	/JMP TABLE ERROR ADDRESS
02612	740200		SZA	
02613	740040	E1339	HALT	/ERROR: JMP 10, TO 17767 TO RJC4
02614	206542		LAC K10	
02615	047037		DAC JC10	/STORE ERROR CODE: K10
02616	207225		LAC RJ4C	
02617	057767		DAC 17767	/STORE JMP RJC4
02620	207226		LAC RJ4CX	
02621	040010		DAC 10	/STORE JMP 17767
02622	600010		JMP 10	/JMP 10
02623	741000		SKP	
02624	147037	RJC4	DZM JC10	/CLEAR JC10 ERROR ADDRESS /TEST JMP COMPLEMENTS

02710	226526		LAC K400	
02711	247044		DAC JC402	/STORE ERROR CODE; K400
02712	227237		LAC RJ9C	
02713	257377		DAC 17377	/STORE JMP RJC9
02714	227240		LAC RJ9CX	
02715	252400		DAC 10402	/STORE JMP 17377
02716	612400		JMP 10402	/JMP 10402
02717	741000		SKP	
02720	147044	RJC9	DZM JC400	/CLEAR JC400 ERROR ADDRESS
				/TEST JMP COMPLEMENTS
02721	207045		LAC JC1K	/JMP TABLE ERROR ADDRESS
02722	740200		SZA	
02723	740040	E1345	HALT	/ERROR; JMP 11000, TO 16777 RJC10
02724	206525		LAC K1K	
02725	247045		DAC JC1K	/STORE ERROR CODE; K1K
02726	207241		LAC RJ10C	
02727	256777		DAC 16777	/STORE JMP RJC10
02730	207242		LAC RJ10CX	
02731	251000		DAC 11000	/STORE JMP 16777
02732	611000		JMP 11000	/JMP 11000
02733	741000		SKP	
02734	147045	RJC10	DZM JC1K	/CLEAR JC1K ERROR ADDRESS
				/TEST JMP COMPLEMENTS
02735	207046		LAC JC2K	/JMP TABLE ERROR ADDRESS
02736	740200		SZA	
02737	740040	E1346	HALT	/ERROR; JMP 12000, TO 15777, TO RJC11
02740	206524		LAC K2K	
02741	247046		DAC JC2K	/STORE ERROR CODE; K2K
02742	207243		LAC RJ11C	
02743	255777		DAC 15777	/STORE JMP RJC11
02744	207244		LAC RJ11CX	
02745	252000		DAC 12000	/STORE JMP 15777
02746	612000		JMP 12000	/JMP 12000
02747	741000		SKP	
02750	147046	RJC11	DZM JC2K	/CLEAR JC2K ERROR ADDRESS
				/TEST JMP COMPLEMENTS
02751	207047		LAC JC4K	/JMP TABLE ERROR ADDRESS
02752	740200		SZA	
02753	740040	E1347	HALT	/ERROR; JMP 14000, TO 13777, TO RJC12
02754	206523		LAC K4K	
02755	247047		DAC JC4K	/STORE ERROR CODE; K4K
02756	207245		LAC RJ12C	
02757	253777		DAC 13777	/STORE JMP RJC 12
02760	207246		LAC RJ12CX	
02761	254000		DAC 14000	/STORE JMP 13777
02762	614000		JMP 14000	/JMP 14000
02763	741000		SKP	
02764	147047	RJC12	DZM JC4K	/CLEAR JC4K ERROR ADDRESS
				/TEST JMP COMPLEMENTS
02765	207050		LAC JC10K	/JMP TABLE ERROR ADDRESS
02766	740200		SZA	
02767	740040	E1348	HALT	/ERROR; JMP 10000, TO 7777, TO RJC13
02770	206522		LAC K10K	
02771	247050		DAC JC10K	/STORE ERROR CODE; K10K
02772	207247		LAC RJ1	

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02773 047777 DAC 7777 /STORE JMP RJC13
02774 227250 LAC RJ13CX
02775 750000 DAC 10000 /STORE JMP 7777
02776 610000 JMP 10000 /JMP 10000
02777 741000 SKP
03000 147050 RJC13 DZM JCI0K /CLEAR J10K ERROR ADDRESS
/PDP-15 INST, TEST, PART 2 TAPE 4
03001 207051 LAC JCM0 /TEST JMP COMPLIMENTS
03002 740200 SZA /JMP TABLE ERROR ADDRESS
03003 740040 E1349 HALT /ERROR: JMP 17777, TO 0, TO RJC14
03004 206661 LAC K777K
03005 047051 DAC JCM0 /STORE ERROR CODE: K777K
03006 207251 LAC RJ14C
03007 040000 DAC 0 /STORE JMP RJ14C
03010 207252 LAC RJ14CX
03011 057777 DAC 17777 /STORE JMP 0
03012 617777 JMP 17777 /JMP 17777
03013 741000 SKP
03014 147051 RJC14 DZM JCM0 /CLEAR JCM0 ERROR ADDRESS
/TEST JMP COMPLIMENTS
/TEST JMP COMPLIMENTS
/TEST JMP COMPLIMENTS
03015 207052 LAC JCM1 /JMP TABLE ERROR ADDRESS
03016 740200 SZA
03017 740040 E1350 HALT /ERROR: JMP 17776 TO 1, TO RJC15
03020 206576 LAC M1
03021 047052 DAC JCM1 /STORE ERROR CODE: M1
03022 207253 LAC RJ15C
03023 040001 DAC 1 /STORE JMP RJC15
03024 207254 LAC RJ15CX
03025 057776 DAC 17776 /STORE JMP 1
03026 617776 JMP 17776 /JMP 17776
03027 741000 SKP
03030 147052 RJC15 DZM JCM1 /CLEAR JCM1 ERROR ADDRESS
/TEST JMP COMPLIMENTS
/TEST JMP COMPLIMENTS
/TEST JMP COMPLIMENTS
03031 207053 LAC JCM2 /JMP TABLE ERROR ADDRESS
03032 740200 SZA
03033 740040 E1351 HALT /ERROR: JMP 17775, TO 2, TO RJC16
03034 206575 LAC M2
03035 047053 DAC JCM2 /STORE ERROR CODE: M2
03036 207255 LAC RJ16C
03037 040002 DAC 2 /STORE JMP RJC16
03040 207256 LAC RJ16CX
03041 057775 DAC 17775 /STORE JMP 2
03042 617775 JMP 17775 /JMP 17775
03043 741000 SKP
03044 147053 RJC16 DZM JCM2 /CLEAR JCM2 ERROR ADDRESS
/TEST JMP COMPLIMENTS
/TEST JMP COMPLIMENTS
/TEST JMP COMPLIMENTS
03045 207054 LAC JCM4 /JMP TABLE ERROR ADDRESS
03046 740200 SZA
03047 740040 E1352 HALT /ERROR: JMP 17773, TO 4, TO RJC17
03050 206574 LAC M4
03051 047054 DAC JCM4 /STORE ERROR CODE: M4
03052 207257 LAC RJ17C
03053 040004 DAC 4 /STORE JMP RJC17
03054 207260 LAC RJ17CX

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03055	257773		DAC 17773	/STORE JMP 4
03056	617773		JMP 17773	/JMP 17773
03057	741000		SKP	
03060	147054	RJC17	DZM JCM4	/CLEAR JCM4 ERROR ADDRESS
				/TEST JMP COMPLEMENTS
03061	207055		LAC JCM10	/JMP TABLE ERROR ADDRESS
03062	740200		SZA	
03063	740040	E1353	HALT	/ERROR; JMP 17767, TO 10, TO RJC18
03064	206573		LAC M10	
03065	047055		DAC JCM10	/STORE ERROR CODE; M10
03066	207261		LAC RJ18C	
03067	240010		DAC 10	/STORE JMP RJC18
03070	207262		LAC RJ18CX	
03071	057767		DAC 17767	/STORE JMP 10
03072	617767		JMP 17767	/JMP 17767
03073	741000		SKP	
03074	147055	RJC18	DZM JCM10	/CLEAR JCM10 ERROR ADDRESS
				/TEST JMP COMPLEMENTS
03075	207056		LAC JCM20	/JMP TABLE ERROR ADDRESS
03076	740200		SZA	
03077	740040	E1354	HALT	/ERROR; JMP 17757, TO 20, TO RJC19
03100	206572		LAC M20	
03101	047056		DAC JCM20	/STORE ERROR CODE; M20
03102	207263		LAC RJ19C	
03103	040020		DAC 20	/STORE JMP RJC19
03104	207264		LAC RJ19CX	
03105	057757		DAC 17757	/STORE JMP 20
03106	617757		JMP 17757	/JMP 17757
03107	741000		SKP	
03110	147056	RJC19	DZM JCM20	/CLEAR JCM20 ERROR ADDRESS
				/TEST JMP COMPLEMENTS
03111	207057		LAC JCM40	/JMP TABLE ERROR ADDRESS
03112	740200		SZA	
03113	740040	E1355	HALT	/ERROR; JMP 17737, TO 10040, TO RJC20
03114	206571		LAC M40	
03115	047057		DAC JCM40	/STORE ERROR CODE; M40
03116	207265		LAC RJ20C	
03117	050040		DAC 10040	/STORE JMP RJC20
03120	207266		LAC RJ20CX	
03121	057737		DAC 17737	/STORE JMP 10040
03122	617737		JMP 17737	/JMP 17737
03123	741000		SKP	
03124	147057	RJC20	DZM JCM40	/CLEAR JCM40 ERROR ADDRESS
				/TEST JMP COMPLEMENTS
03125	207060		LAC JCM100	/JMP TABLE ERROR ADDRESS
03126	740200		SZA	
03127	740040	E1356	HALT	/ERROR; JMP 17677, TO 10100, TO RJC21
03130	206570		LAC M100	
03131	047060		DAC JCM100	/STORE ERROR CODE; M100
03132	207267		LAC RJ21C	
03133	050100		DAC 10100	/STORE JMP RJC21
03134	207270		LAC RJ21CX	
03135	057677		DAC 17677	/STORE JMP 10100
03136	617677		JMP 17677	/JMP 17677
03137	741000		SKP	

03140	147060	RJC21	DZM JCM100	/CLEAR JCM100 ERROR ADDRESS /TEST JMP COMPLIMENTS /JMP TABLE ERROR ADDRESS
03141	207061		LAC JCM200	
03142	740200		SZA	
03143	740040	E1357	HALT	/ERROR: JMP 17577, TO 10200, TO RJC22
03144	206567		LAC M200	
03145	047061		DAC JCM200	/STORE ERROR CODE: M200
03146	207271		LAC RJ22C	
03147	050200		DAC 10200	/STORE JMP RJC22
03150	207272		LAC RJ22CX	
03151	057577		DAC 17577	/STORE JMP 10200
03152	617577		JMP 17577	/JMP 17577
03153	741000		SKP	
03154	147061	RJC22	DZM JCM200	/CLEAR JCM200 ERROR ADDRESS /TEST JMP COMPLEMENT /JMP TABLE ERROR ADDRESS
03155	207062		LAC JCM400	
03156	740200		SZA	
03157	740040	E1358	HALT	/ERROR: JMP 17377, TO 10400, TO RJC23
03160	206566		LAC M400	
03161	047062		DAC JCM400	/STORE ERROR CODE: M400
03162	207273		LAC RJ23C	
03163	050400		DAC 10400	/STORE JMP RJC23
03164	207274		LAC RJ23CX	
03165	057377		DAC 17377	/STORE JMP 10400
03166	617377		JMP 17377	/JMP 17377
03167	741000		SKP	
03170	147062	RJC23	DZM JCM400	/CLEAR JCM400 ERROR ADDRESS /TEST JMP COMPLEMENTS /JMP TABLE ERROR ADDRESS
03171	207063		LAC JCM1K	
03172	740200		SZA	
03173	740040	E1359	HALT	/ERROR: JMP 16777, TO 11000, TO RJC24
03174	206565		LAC M1K	
03175	047063		DAC JCM1K	/STORE ERROR CODE: M1K
03176	207275		LAC RJ24C	
03177	051000		DAC 11000	/STORE JMP RJC24
03200	207276		LAC RJ24CX	
03201	056777		DAC 16777	/STORE JMP 11000
03202	616777		JMP 16777	/JMP 16777
03203	741000		SKP	
03204	147063	RJC24	DZM JCM1K	/CLEAR JCM1K ERROR ADDRESS /TEST JMP COMPLEMENTS /JMP TABLE ERROR ADDRESS
03205	207064		LAC JCM2K	
03206	740200		SZA	
03207	740040	E1360	HALT	/ERROR: JMP 15777, TO 12000, TO RJC25
03210	206564		LAC M2K	
03211	047064		DAC JCM2K	/STORE ERROR CODE: M2K
03212	207277		LAC RJ25C	
03213	052000		DAC 12000	/STORE JMP RJC25
03214	207300		LAC RJ25CX	
03215	055777		DAC 15777	/STORE JMP 12000
03216	615777		JMP 15777	/JMP 15777
03217	741000		SKP	
03220	147064	RJC25	DZM JCM2K	/CLEAR JCM2K ERROR ADDRESS /TEST JMP COMPLEMENTS /JMP TABLE ERROR ADDRESS
03221	207065		LAC JCM4K	

03222	742227		SZA	
03223	742242	E1361	HALT	/ERROR; JMP 13777, TO 14000, TO RJC26
03224	206563		LAC M4K	
03225	047265		DAC JCM4K	/STORE ERROR CODE; M4K
03226	207321		LAC RJ26C	
03227	054020		DAC 14000	/STORE JMP RJC26
03230	207302		LAC RJ26CX	
03231	053777		DAC 13777	/STORE JMP 14000
03232	613777		JMP 13777	/JMP 13777
03233	741000		SKP	
03234	147065	RJC26	DZM JCM4K	/CLEAR JCM4K ERROR ADDRESS
				/TEST JMP COMPLEMENTS
03235	207066		LAC JCM10K	/JMP TABLE ERROR ADDRESS
03236	740200		SZA	
03237	740240	E1362	HALT	/ERROR; JMP 7777, TO 10000, TO RJC27
03240	206562		LAC M10K	
03241	047066		DAC JCM10K	/STORE ERROR CODE; M10K
03242	207303		LAC RJ27C	
03243	050000		DAC 10000	/STORE JMP RJC27
03244	207304		LAC RJ27CX	
03245	047777		DAC 7777	/STORE JMP 10000
03246	607777		JMP 7777	/JMP 7777
03247	741000		SKP	
03250	147066	RJC27	DZM JCM10K	/CLEAR JCM 10K ERROR ADDRESS
				/TEST CAL, EXT=0, L=0
				/CAL TABLE ERROR ADDRESS
03251	207067		LAC CAL0	
03252	740200		SZA	
03253	740040	E1363	HALT	/ERROR; CAL FROM 17757
03254	707704		LEM	/EXT=0
03255	754000		CLA!CLL	/L=0
03256	770020		LAW 10020	/AR=770020
03257	157757		DZM 17757	/STORE CAL AT 17757
03260	206677		LAC K2021	
03261	047067		DAC CAL0	/STORE ERROR CODE 2021
03262	207345		LAC RCAL0	
03263	040021		DAC 21	/RJMP FROM CAL
03264	617757		JMP 17757	
03265	147067	RCALS0	DZM CAL0	/CLEAR ERROR TABLE
03266	200020		LAC 20	/RJMP ADDRESS
03267	546676		SAD KCAL0	/17760
03270	741000		SKP	
03271	740040	E1364	HALT	/ERROR; (20) NOT 17760
				/TEST CAL, L=1
03272	207070		LAC CAL1	
03273	740200		SZA	
03274	740040	E1365	HALT	/ERROR; CAL FROM 17757
03275	744002		CLL!CML	/L=1
03276	206700		LAC K2120	
03277	047070		DAC CAL1	/CAL ERROR CODE 2120
03300	207346		LAC RCAL1	
03301	040021		DAC 21	/RJMP FROM CAL
03302	617757		JMP 17757	
03303	147270	RCALS1	DZM CAL1	/CLEAR ERROR TABLE
03304	200220		LAC 20	/RJMP ADDRESS AND L=1
03305	546701		SAD KCA	/417760

03306	741020		SKP	
23307	742742	E1366	HALT	/ERROR; (22) NOT 417760 /TEST JMS COMPLEMENTS L=2
03310	207071		LAC JSM0	/JMS TABLE ERROR ADDRESS
03311	742220		SZA	
03312	742040	E1367	HALT	/ERROR; JMS FROM 0 TO 17775
03313	744000		CLL	/L=0
03314	207305		LAC RJSM0	/JMP RJMS0
03315	057776		DAC 17776	/RJMP FROM JMS DESTINATION 17776
03316	207306		LAC RSM0	/JMS 17775
03317	040000		DAC 0	/JMS UNDER TEST
03320	047071		DAC JSM0	/STORE JMS ADDRESS IN TABLE
03321	777776		LAW 17776	/AR=777776
03322	600000		JMP 0	/ENTER TEST
03323	147071	RJMS0	DZM JSM0	/CLEAR ERROR TABLE
03324	217775		LAC 17775	/RETURN ADDRESS
03325	546766		SAD K2001	
03326	741000		SKP	
03327	742040	E1368	HALT	/ERROR; (17775) NOT 200001 /TEST JMS COMPLEMENTS, L=0
03330	207072		LAC JSM1	/JMS TABLE ERROR ADDRESS
03331	740200		SZA	
03332	740040	E1369	HALT	/ERROR; JMS FROM 1 TO 17774
03333	707704		LEM	
03334	744000		CLL	/L=0
03335	207307		LAC RJSM1	/JMP RJMS1
03336	057775		DAC 17775	/RETURN FROM JMS DESTINATION
03337	207310		LAC RSM1	/JMS 17774
03340	040001		DAC 1	/JMS UNDER TEST
03341	047072		DAC JSM1	/STORE JMS ADDRESS IN TABLE
03342	777775		LAW 17775	/AR=17775
03343	600001		JMP 1	/ENTER TEST
03344	147072	RJMS1	DZM JSM1	/CLEAR ERROR TABLE
03345	217774		LAC 17774	/RJMP ADDRESS TEST
03346	546745		SAD 22002	
03347	741000		SKP	
03350	740040	E1370	HALT	/ERROR; (17774) NOT 2 /TEST JMS COMPLEMENTS, L=0, EXT=0
03351	207073		LAC JSM2	/JMS TABLE ERROR ADDRESS
03352	740200		SZA	
03353	740040	E1371	HALT	/ERROR; JMS FROM 2 TO 17773
03354	744000		CLL	/L=0
03355	207311		LAC RJSM2	/JMP RJMS 2
03356	057774		DAC 17774	/RETURN FROM JMS DESTINATION
03357	207312		LAC RSM2	/JMS 17773
03360	040002		DAC 2	/JMS UNDER TEST
03361	047073		DAC JSM2	/STORE JMS ADDRESS IN TABLE
03362	777774		LAW 17774	/AR=777774
03363	600002		JMP 2	/ENTER TEST
03364	147073	RJMS2	DZM JSM2	/CLEAR ERROR TABLE
03365	217773		LAC 17773	/RJMP ADDRESS TEST
03366	546744		SAD 22003	
03367	741000		SKP	
03370	740040	E1372	HALT	/ERROR; (17773) NOT 3 /TEST JMS COMPLEMENTS, L=0, EXT=0

03371	207074		LAC JSM4	/JMS TABLE ERROR ADDRESS
03372	740200		SZA	
03373	740040	E1373	HALT	/ERROR; JMS FROM 4 TO 17771
03374	744000		CLL	/L=0
03375	207313		LAC RJMS3	/JMP RJMS3
03376	057772		DAC 17772	/RETURN FROM JMS DESTINATION
03377	207314		LAC RSM3	/JMS 17771
03400	040004		DAC 4	/JMS UNDER TEST
03401	047074		DAC JSM4	/STORE JMS ADDRESS IN TABLE
03402	777772		LAW 17772	/CR=777772
03403	600004		JMP 4	/ENTER TEST
03404	147074	RJMS3	DZM JSM4	/CLEAR ERROR TABLE
03405	217771		LAC 17771	/RJMP ADDRESS TEST
03406	546746		SAD 22005	
03407	741000		SKP	
03410	740040	E1374	HALT	/ERROR; (17771) NOT 5
				/TEST JMS COMPLEMENTS, L=0, EXT=0
				/JMS TABLE ERROR ADDRESS
03411	207075		LAC JSM10	
03412	740200		SZA	
03413	740040	E1375	HALT	/ERROR; JMS FROM 10 TO 17765
03414	744000		CLL	/L=0
03415	207315		LAC RJSM4	/JMP RJMS4
03416	057766		DAC 17766	/RETURN FROM JMS DESTINATION
03417	207316		LAC RSM4	/JMS 17765
03420	040010		DAC 10	/JMS UNDER TEST
03421	047075		DAC JSM10	/STORE JMS ADDRESS IN TABLE
03422	777766		LAW 17766	/AR=777766
03423	600010		JMP 10	/ENTER TEST
03424	147075	RJMS4	DZM JSM10	/CLEAR ERROR TABLE
03425	217765		LAC 17765	/RJMP ADDRESS TEST
03426	546704		SAD 220011	
03427	741000		SKP	
03430	740040	E1376	HALT	/ERROR; (17765) NOT 11
				/TEST JMS COMPLEMENTS, L=0, EXT=0
				/JMS TABLE ERROR ADDRESS
03431	207076		LAC JSM20	
03432	740200		SZA	
03433	740040	E1377	HALT	/ERROR; JMS FROM 20 TO 17755
03434	744000		CLL	/L=0
03435	207317		LAC RJMS5	/JMP RJMS5
03436	057756		DAC 17756	/RETURN FROM JMS DESTINATION
03437	207320		LAC RSM5	/JMS 17755
03440	040020		DAC 20	/JMS UNDER TEST
03441	047076		DAC JSM20	/STORE JMS ADDRESS IN TABLE
03442	777756		LAW 17756	/AR=777756
03443	600020		JMP 20	/ENTER TEST
03444	147076	RJMS5	DZM JSM20	/CLEAR ERROR TABLE
03445	217755		LAC 17755	/RJMP ADDRESS TEST
03446	546740		SAD 220021	
03447	741000		SKP	
03450	740040	E1378	HALT	/ERROR; (17755) NOT 21
				/TEST JMS COMPLEMENTS, L=0, EXT=0
				/JMS TABLE ERROR ADDRESS
03451	207077		LAC JSM40	
03452	740200		SZA	
03453	740040	E1379	HALT	/ERROR; JMS FROM 10040 TO 17735
03454	744000		CLL	/L=0

03455	277321	LAC	RJMS6	/JMP RJMS6
03456	057736	DAC	17736	/RETURN FROM JMS DESTINATION
03457	277322	LAC	RSM6	/JMS 17735
03460	050040	DAC	10040	/JMS UNDER TEST
03461	047077	DAC	JSM40	/STORE JMS ADDRESS IN TABLE
03462	777736	LAW	17736	/AR=777736
03463	610040	JMP	10040	/ENTER TEST
03464	147077	RJMS6	DZM JSM40	/CLEAR ERROR TABLE
03465	217735	LAC	17735	/RJMP ADDRESS TEST
03466	546736	SAD	Z20041	
03467	741000	SKP		
03470	740040	E1380	HALT	/ERROR: (17735) NOT 10041 /TEST JMS COMPLEMENTS L=0, EXT=0 /JMS TABLE ERROR ADDRESS
03471	207100	LAC	JSM100	
03472	740200	SZA		
03473	740040	E1381	HALT	/ERROR: JMS FROM 10100 TO 17675
03474	744000	CLL		/L=0
03475	207323	LAC	RJMS7	/JMP RJMS7
03476	057676	DAC	17676	/RETURN FROM JMS DESTINATION
03477	207324	LAC	RSM7	/JMS 17675
03500	050100	DAC	10100	/JMS UNDER TEST
03501	047100	DAC	JSM100	/STORE JMS ADDRESS IN TABLE
03502	777676	LAW	17676	/AR=777676
03503	610100	JMP	10100	/ENTER TEST
03504	147100	RJMS7	DZM JSM100	/CLEAR ERROR TABLE
03505	217675	LAC	17675	/RJMP ADDRESS TEST
03506	546747	SAD	Z20101	
03507	741000	SKP		
03510	740040	E1382	HALT	/ERROR: (17675) NOT 10101 /TEST JMS COMPLEMENTS, L=0, EXT=0 /JMS TABLE ERROR ADDRESS
03511	207101	LAC	JSM200	
03512	740200	SZA		
03513	740040	E1383	HALT	/ERROR: JMS FROM 10200 TO 17575
03514	744000	CLL		/L=0
03515	207325	LAC	RJMS8	/JMP RJMS8
03516	057576	DAC	17576	/RETURN FROM JMS DESTINATION
03517	207326	LAC	RSM8	/JMS 17575
03520	050200	DAC	10200	/JMS UNDER TEST
03521	047101	DAC	JSM200	/STORE JMS ADDRESS IN TABLE
03522	777576	LAW	17576	/AR=777576
03523	610200	JMP	10200	/ENTER TEST
03524	147101	RJMS8	DZM JSM200	/CLEAR ERROR TABLE
03525	217575	LAC	17575	/RJMP ADDRESS TEST
03526	546742	SAD	Z20201	
03527	741000	SKP		
03530	740040	E1384	HALT	/ERROR: (17575) NOT 10201 /TEST JMS COMPLEMENTS, L=0, EXT=0 /JMS TABLE ERROR ADDRESS
03531	207102	LAC	JSM400	
03532	740200	SZA		
03533	740040	E1385	HALT	/ERROR: JMS FROM 10400 TO 17375
03534	744000	CLL		/L=0
03535	207327	LAC	RJMS9	/JMP RJMS 9
03536	057376	DAC	17376	/RETURN FROM JMS DESTINATION
03537	207330	LAC	RSM9	/JMS 17375
03540	050400	DAC	10400	/JMS UNDER TEST

03541	047122		DAC JSM402	/STORE JMS ADDRESS IN TABLE
03542	777376		LAW 17376	/AR=777376
03543	617422		JMP 10402	/ENTER TEST
03544	147122	RJMS9	DZM JSM402	/CLEAR ERROR TABLE
03545	217375		LAC 17375	/RJMP ADDRESS TEST
03546	546706		SAD Z20401	
03547	741000		SKP	
03550	740040	E1386	HALT	/ERROR: (17375) NOT 10401
				/TEST JMS COMPLEMENTS, L=0, EXT=0
03551	207103		LAC JSM1K	/JMS TABLE ERROR ADDRESS
03552	740200		SZA	
03553	740040	E1387	HALT	/ERROR: JMS FROM 11000 TO 16775
03554	744000		CLL	/L=0
03555	207331		LAC RJSM10	/JMP RJMS10
03556	056776		DAC 16776	/RETURN FROM JMS DESTINATION
03557	207332		LAC RSM10	/JMS 16775
03560	051000		DAC 11000	/JMS UNDER TEST
03561	047103		DAC JSM1K	/STORE JMS ADDRESS IN TABLE
03562	776776		LAW 16776	/AR=776776
03563	611000		JMP 11000	/ENTER TEST
03564	147103	RJMS10	DZM JSM1K	/CLEAR ERROR TABLE
03565	216775		LAC 16775	/RJMP ADDRESS TEST
03566	546705		SAD Z21001	
03567	741000		SKP	
03570	740040	E1388	HALT	/ERROR: (16775) NOT 11001
				/TEST JMS COMPLEMENTS, L=0, EXT=0
				/JMS TABLE ERROR ADDRESS
03571	207104		LAC JSM2K	
03572	740200		SZA	
03573	740040	E1389	HALT	/ERROR: JMS FROM 12000 TO 15775
03574	744000		CLL	/L=0
03575	207333		LAC RJSM11	/JMP RJMS11
03576	055776		DAC 15776	/RETURN FROM JMS DESTINATION
03577	207334		LAC RSM11	/JMS 15775
03600	052000		DAC 12000	/JMS UNDER TEST
03601	047104		DAC JSM2K	/STORE JMS ADDRESS IN TABLE
03602	775776		LAW 15776	/AR=775776
03603	612000		JMP 12000	/ENTER TEST
03604	147104	RJMS11	DZM JSM2K	/CLEAR ERROR TABLE
03605	215775		LAC 15775	/RJMP ADDRESS TEST
03606	546733		SAD Z22001	
03607	741000		SKP	
03610	740040	E1390	HALT	/ERROR: (15775) NOT 12001
				/TEST JMS COMPLEMENTS, L=0, EXT=0
				/JMS TABLE ERROR ADDRESS
03611	207105		LAC JSM4K	
03612	740200		SZA	
03613	740040	E1391	HALT	/ERROR: JMS FROM 14000 TO 13775
03614	744000		CLL	/L=0
03615	207335		LAC RJSM12	/JMP RJMS12
03616	053776		DAC 13776	/RETURN FROM JMS DESTINATION
03617	207336		LAC RSM12	/JMS 13775
03620	054000		DAC 14000	/JMS UNDER TEST
03621	047105		DAC JSM4K	/STORE JMS ADDRESS IN TABLE
03622	773776		LAW 13776	/AR=773776
03623	614000		JMP 14000	/ENTER TEST
03624	147105	RJMS12	DZM JSM4K	/CLEAR ERROR TABLE

03625	213775	LAC 13775	/RJMP ADDRESS TEST
03625	546610	SAD 224021	
03627	741000	SKP	
03630	740040	E1392 HALT	/ERROR; (13775) NOT 14001
			/TEST JMS COMPLEMENTS, L=2, EXT=2
			/JMS TABLE ERROR ADDRESS
03631	207106	LAC JSM10K	
03632	740200	SZA	
03633	740040	E1393 HALT	/ERROR; JMS FROM 10000 TO 17775
03634	744000	CLL	/L=2
03635	207337	LAC RJSM13	/JMP RJMS13
03636	057776	DAC 17776	/RETURN FROM JMS DESTINATION
03637	207340	LAC RSM13	/JMS 17775
03640	050000	DAC 10000	/JMS UNDER TEST
03641	047106	DAC JSM10K	/STORE JMS ADDRESS IN TABLE
03642	767776	LAW 7776	/AC=767776
03643	610000	JMP 10000	/ENTER TEST
03644	147106	RJMS13 DZM JSM10K	/CLEAR ERROR TABLE
03645	217775	LAC 17775	/RJMP ADDRESS TEST
03646	546611	SAD 22001	
03647	741000	SKP	
03650	740040	E1394 HALT	/ERROR; (17775) NOT 10001
		/PDP-15 INSTRUCTION TEST PART II - TAPE 5	
			/TEST JMS COMPLEMENTS L=1
			/JMS TABLE ERROR ADDRESS
03651	207107	LAC JS252	
03652	740200	SZA	
03653	740040	E1395 HALT	/ERROR; JMS FROM 12525 TO 15252
03654	744002	CLL!CML	/L=1
03655	207341	LAC RJSM25	/JMP RJMS14
03656	055253	DAC 15253	/RETURN FROM JMS DESTINATION
03657	207342	LAC RSM25	/JMS 15252
03660	052525	DAC 12525	/JMS UNDER TEST
03661	047107	DAC JS252	/STORE JMS ADDRESS IN TABLE
03662	775253	LAW 15253	/AC=775253
03663	612525	JMP 12525	/ENTER TEST
03664	147107	RJMS14 DZM JS252	/CLEAR ERROR TABLE
03665	215252	LAC 15252	/RJMP ADDRESS TEST
03666	546763	SAD K426	/412526
03667	741000	SKP	
03670	740040	E1396 HALT	/ERROR (15252) NOT 412526
			/ AND L=1
			/TEST JMS COMPLEMENTS L=1
			/JMS TABLE ERROR ADDRESS
03671	207110	LAC JS525	
03672	740200	SZA	
03673	740040	E1397 HALT	/ERROR; JMS FROM 15252 TO 12525
03674	744002	CLL!CML	/L=1
03675	207343	LAC RJSM52	/JMP RJMS15
03676	052526	DAC 12526	/RETURN FROM JMS DESTINATION
03677	207344	LAC RSM52	/JMS 12525
03700	055252	DAC 15252	/JMS UNDER TEST
03701	047110	DAC JS525	/STORE JMS ADDRESS IN TABLE
03702	772523	LAW 12523	/AC=772523
03703	615252	JMP 15252	/ENTER TEST
03704	147110	RJMS15 DZM JS525	/CLEAR ERROR TABLE
03705	212525	LAC 12525	/RJMP ADDRESS TEST
03706	546764	SAD K415	/415253

03707	741000		SKP	
03710	740040	E1398	HALT	/ERROR; (12525) NOT 415253 / AND L=1 /TEST JMS SERIES
03711	207111		LAC JSSS	/JMS TABLE ERROR ADDRESS
03712	740200		SZA	
03713	740040	E1399	HALT	/ERROR; JMS SERIES FAILED
03714	744002		CLL!CML	/L=1
03715	103716	JS1	JMS ,+1	
03716	740040	E1400	HALT	/ERROR; JMS SERIES
03717	103720	JS2	JMS ,+1	
03720	740040	E1401	HALT	/ERROR; JMS SERIES
03721	103722	JS3	JMS ,+1	
03722	740040	E1402	HALT	/ERROR; JMS SERIES
03723	707704		LEM	/LEAVE EXT MODE
03724	744000		CLL	/L=0
03725	103726	JS4	JMS ,+1	
03726	740040	E1403	HALT	/ERROR; JMS SERIES
03727	147111	RJMSS	DZM JSSS	/CLEAR ERROR TABLE
03730	206707		LAC KJS1	/TEST JS1, L=1
03731	346604		TAD Z600K	
03732	740001		CMA	
03733	343716		TAD JS1+1	
03734	740001		CMA	
03735	740200		SZA	
03736	740040	E1404	HALT	/ERROR; JMS RJMP DATA JS1+1
03737	206710		LAC KJS2	/TEST JS2, L=1
03740	346604		TAD Z600K	
03741	740001		CMA	
03742	343720		TAD JS2+1	
03743	740001		CMA	
03744	740200		SZA	
03745	740040	E1405	HALT	/ERROR; JMS RJMP DATA JS2+1
03746	206711		LAC KJS3	/TEST JS3, L=1
03747	346604		TAD Z600K	
03750	740001		CMA	
03751	343722		TAD JS3+1	
03752	740001		CMA	
03753	740200		SZA	
03754	740040	E1406	HALT	/ERROR; JMS RJMP DATA JS3+1
03755	206712		LAC KJS4	/TEST JS4, EXT=0, L=0
03756	740001		CMA	
03757	343726		TAD JS4+1	
03760	740001		CMA	
03761	740200		SZA	
03762	740040	E1407	HALT	/ERROR; JMS RJMP DATA JS4+1
03763	754003		CLA!CMA!CLL!CML	/TEST EXECUTE NOP; AC=ONES L=1
03764	403765		XCT ,+1	/AC=ONES, L=0
03765	740000		NOP	/NOP
03766	740400		SNL	
03767	742040	E1408	HALT	/ERROR; XCT NOP; LINK WAS RESET
03770	740001		CMA	
03771	740200		SZA	
03772	740040	E1409	HALT	/ERROR; XCT NOP; AC NOT ONES

03773	604002		JMP ,+7	
03774	604003		JMP ,+7	
03775	603775		JMP ,+0	
03776	603776		JMP ,+0	/ADDRESS MODIFIED BY PROGRAM
03777	603777		JMP ,+0	/ADDRESS MODIFIED BY PROGRAM
04000	604000		JMP ,+0	/ADDRESS MODIFIED BY PROGRAM
04001	604001		JMP ,+0	/ADDRESS MODIFIED BY PROGRAM
				/TEST EXECUTE NOP, AC=0 L=0
04002	754000		CLA!CLL	/AC=0, L=0
04003	404004		XCT ,+1	/NOP
04004	740000		NOP	
04005	741400		SZL	
04006	604011		JMP ,+3	
04007	604012		JMP ,+3	
04010	604010		JMP ,+0	
04011	740040	E1410	HALT	/ADDRESS MODIFIED BY PROGRAM
04012	740200		SZA	/ERROR! XCT NOP; LINK WAS SET
04013	740040	E1411	HALT	/ERROR! XCT NOP; AC NOT 0
				/TEST XCT SKP
04014	406702		XCT KSKP	/SKP
04015	740040	E1412	HALT	/ERROR! XCT SKP FAILED
04016	750001		CLA!CMA	/AC=ONES
04017	406703		XCT KCLA	/CLA
04020	740200		SZA	
04021	740040	E1413	HALT	/ERROR! XCT CLA FAILED
				/TEST XCT LAW
04022	750000		CLA	/AC=0
04023	406554		XCT K75	/LAW 17777
04024	740001		CMA	/AC=0
04025	740200		SZA	
04026	740040	E1414	HALT	/ERROR! XCT LAW FAILED
				/TEST XCT ISZ
04027	750001		CLA!CMA	/AC=ONES
04030	057777		DAC 17777	/17777*77777
04031	407506		XCT XCTISZ	/ISZ 17777
04032	740040	E1415	HALT	/ERROR! XCT ISZ FAILED TO SKIP
				/TEST XCT TAD
04033	744002		CLL!CML	/L=1
04034	777777		LAW 17777	/AC=ONES
04035	057777		DAC 17777	/17777*77777
04036	407507		XCT XCTTAD	/TAD K1
04037	740200		SZA	
04040	740040	E1416	HALT	/ERROR! XCT TAD FAILED, AC NOT 0
04041	741400		SZL	
04042	740040	E1417	HALT	/ERROR! XCT TAD FAILED LINK
				/NOT SET TO 0
				/TEST XCT RAL, AC=ONES, L=1
04043	754003		CLA!CMA!CLL!CML	/AC=ONES, L=1
04044	407510		XCT XCTRAL	/RAL
04045	740001		CMA	/AC=0
04046	740200		SZA	
04047	740040	E1418	HALT	/ERROR! XCT RAL FAILED AC DROPPED A BIT
04050	744400		SNL!CLL	
04051	740040	E1419	HALT	/ERROR! XCTRAL FAILED LINK DROPPED
				/TEST XCT UAC

04052	226550		LAC K3S	/AC=333333
04053	427504		XCT XCTDAC	/DAC 17777
04054	346551		TAD K4S	/AC=777777
04055	740001		CMA	/AC=0
04056	740200		SZA	
04057	740040	E1420	HALT	/ERROR; XCT DAC FAILED, K3S /NOT STORED AT 17777 /TEST XCT=JMS; FROM 0 XCT(17777) /ERROR TABLE ADDRESS
04060	207112		LAC XCT0	
04061	740200		SZA	
04062	740040	E1421	HALT	/ERROR; XCT(17777) FROM 0
04063	207347		LAC XCT0S	
04064	047112		DAC XCT0	/XCT (17777)
04065	040000		DAC 0	
04066	207350		LAC XCTR0	
04067	057777		DAC 17777	/JMS 0
04070	207351		LAC XCT0R	
04071	040001		DAC 1	/RJMP RXCT0
04072	600000		JMP 0	/ENTER TEST
04073	147112	RXCT0	DZM XCT0	/CLEAR ERROR TABLE
04074	200000		LAC 0	/RJMP ADDRESS
04075	546766		SAD K2001	
04076	741000		SKP	
04077	740040	E1422	HALT	/ERROR; RJMP ADDRESS NOT 1 /TEST XCT=JMS; FROM 1 XCT(17776) /ERROR TABLE ADDRESS
04100	207113		LAC XCT1	
04101	740200		SZA	
04102	740040	E1423	HALT	/ERROR; XCT (17776) FROM 1
04103	207352		LAC XCT1S	
04104	047113		DAC XCT1	/XCT (17776)
04105	040001		DAC 1	
04106	207353		LAC XCTR1	
04107	057776		DAC 17776	/JMS 1
04110	207354		LAC XCT1R	
04111	040002		DAC 2	/RJMP RXCT1
04112	600001		JMP 1	/ENTER TEST
04113	147113	RXCT1	DZM XCT1	/CLEAR ERROR TABLE
04114	200001		LAC 1	/RJMP ADDRESS
04115	546745		SAD Z2002	
04116	741000		SKP	
04117	740040	E1424	HALT	/ERROR; RJMP ADDRESS NOT 2 /TEST XCT=JMS; FROM 2 XCT(17775) /ERROR TABLE ADDRESS
04120	207114		LAC XCT2	
04121	740200		SZA	
04122	740040	E1425	HALT	/ERROR; XCT(17775) FROM 2
04123	207355		LAC XCT2S	
04124	047114		DAC XCT2	/XCT(17775)
04125	040002		DAC 2	
04126	207356		LAC XCTR2	
04127	057775		DAC 17775	/JMS 2
04130	207357		LAC XCT2R	
04131	040003		DAC 3	/RJMP RXCT2
04132	600002		JMP 2	/ENTER TEST
04133	147114	RXCT2	DZM XCT2	/CLEAR ERROR TABLE
04134	200002		LAC 2	/RJMP ADDRESS

04135	546744		SAD Z2003	
04136	741000		SKP	
04137	740040	E1426	HALT	/ERROR; RJMP ADDRESS NOT 3 /TEST XCT-JMS; FROM 4 XCT (17773) /ERROR TABLE ADDRESS
04140	207115		LAC XCT4	
04141	740200		SZA	
04142	740040	E1427	HALT	/ERROR; XCT (17773) FROM 4
04143	207360		LAC XCT4S	
04144	247115		DAC XCT4	/XCT (17773)
04145	040004		DAC 4	
04146	207361		LAC XCTR4	
04147	057773		DAC 17773	/JMS 4
04150	207362		LAC XCT3R	
04151	040005		DAC 5	/RJMP RXCT3
04152	600004		JMP 4	/ENTER TEST
04153	147115	RXCT3	DZM XCT4	/CLEAR ERROR TABLE
04154	200004		LAC 4	/RJMP ADDRESS
04155	546746		SAD Z2005	
04156	741000		SKP	
04157	740040	E1428	HALT	/ERROR; RJMP ADDRESS NOT 5 /TEST XCT-JMS; FROM 10 XCT (17767) /ERROR TABLE ADDRESS
04160	207116		LAC XCT10	
04161	740200		SZA	
04162	740040	E1429	HALT	/ERROR; XCT(17767) FROM 10
04163	207363		LAC XCT10S	
04164	047116		DAC XCT10	/XCT (17767)
04165	040010		DAC 10	
04166	207364		LAC XCTR10	
04167	057767		DAC 17767	/JMS 10
04170	207365		LAC XCT4R	
04171	040011		DAC 11	/RJMP RXCT4
04172	600010		JMP 10	/ENTER TEST
04173	147116	RXCT4	DZM XCT10	/CLEAR ERROR TABLE
04174	200010		LAC 10	/RJMP ADDRESS
04175	546704		SAD Z20011	
04176	741000		SKP	
04177	740040	E1430	HALT	/ERROR; RJMP ADDRESS NOT 11 /TEST XCT-JMS; FROM 20 XCT(17757) /ERROR TABLE ADDRESS
04200	207117		LAC XCT20	
04201	740200		SZA	
04202	740040	E1431	HALT	/ERROR; XCT(17757) FROM 20
04203	207366		LAC XCT20S	
04204	047117		DAC XCT20	/XCT (17757)
04205	040020		DAC 20	
04206	207367		LAC XCTR20	
04207	057757		DAC 17757	/JMS 20
04210	207370		LAC XCT5R	
04211	040021		DAC 21	/RJMP RXCT5
04212	600020		JMP 20	/ENTER TEST
04213	147117	RXCT5	DZM XCT20	/CLEAR ERROR TABLE
04214	200020		LAC 20	/RJMP ADDRESS
04215	546740		SAD Z20021	
04216	741000		SKP	
04217	740040	E1432	HALT	/ERROR; RJMP ADDRESS NOT 21 /TEST XCT-JMS; FROM 10040 XCT (17737)

04220	207120	LAC XCT40	/ERROR TABLE ADDRESS
04221	740200	SZA	
04222	740040	E1433 HALT	/ERROR; XCT (17737) FROM 10040
04223	207371	LAC XCT40S	
04224	047120	DAC XCT40	/XCT (17737)
04225	050040	DAC 10040	
04226	207372	LAC XCTR40	
04227	057737	DAC 17737	/JMS 10040
04230	207373	LAC XCT6R	
04231	050041	DAC 10041	/RJMP RXCT6
04232	610040	JMP 10040	/ENTER TEST
04233	147120	RXCT6 DZM XCT40	/CLEAR ERROR TABLE
04234	210040	LAC 10040	/RJMP ADDRESS
04235	546736	SAD 220041	
04236	741000	SKP	
04237	740040	E1434 HALT	/ERROR; RJMP ADDRESS NOT 10041 /TEST XCT=JMS; FROM 10100 XCT (17677) /ERROR TABLE ADDRESS
04240	207121	LAC XCT1C	
04241	740200	SZA	
04242	740040	E1435 HALT	/ERROR; XCT (17677) FROM 10100
04243	207374	LAC XCT1CS	
04244	047121	DAC XCT1C	/XCT (17677)
04245	050100	DAC 10100	
04246	207375	LAC XCTR1C	
04247	057677	DAC 17677	/JMS 10100
04250	207376	LAC XCT7R	
04251	050101	DAC 10101	/RJMP RXCT7
04252	610100	JMP 10100	/ENTER TEST
04253	147121	RXCT7 DZM XCT1C	/CLEAR ERROR TABLE
04254	210100	LAC 10100	/RJMP ADDRESS
04255	546747	SAD 220101	
04256	741000	SKP	
04257	740040	E1436 HALT	/ERROR; RJMP ADDRESS NOT 10101 /TEST XCT=JMS; FROM 10200 XCT(17577) /ERROR TABLE ADDRESS
04260	207122	LAC XCT2C	
04261	740200	SZA	
04262	740040	E1437 HALT	/ERROR; XCT (17577) FROM 10200
04263	207377	LAC XCT2CS	
04264	047122	DAC XCT2C	/XCT (17577)
04265	050200	DAC 10200	
04266	207400	LAC XCTR2C	
04267	057577	DAC 17577	/JMS 10200
04270	207401	LAC XCT8R	
04271	050201	DAC 10201	/RJMP RXCT8
04272	610200	JMP 10200	/ENTER TEST
04273	147122	RXCT8 DZM XCT2C	/CLEAR ERROR TABLE
04274	210200	LAC 10200	/RJMP ADDRESS
04275	546742	SAD 220201	
04276	741000	SKP	
04277	740040	E1438 HALT	/ERROR; RJMP ADDRESS NOT 10201 /TEST XCT=JMS; FROM 10400 XCT (17377) /ERROR TABLE ADDRESS
04300	207123	LAC XCT4C	
04301	740200	SZA	
04302	740040	E1439 HALT	/ERROR; XCT(17377) FROM 10400
04303	207402	LAC XCT4CS	

04304	747123		DAC XCT4C		/XCT (17377)
04305	057400		DAC 10400		
04306	227403		LAC XCTR4C		
04307	057377		DAC 17377		/JMS 10400
04310	207404		LAC XCT9R		
04311	257401		DAC 10401		/RJMP RXCT9
04312	610400		JMP 10400		/ENTER TEST
04313	147123	RXCT9	DZM XCT4C		/CLEAR ERROR TABLE
04314	210400		LAC 10400		/RJMP ADDRESS
04315	546706		SAD 220401		
04316	741000		SKP		
04317	740040	E1440	HALT		/ERROR; RJMP ADDRESS NOT 10401 /TEST XCT-JMS; FROM 11000 XCT(16777) /ERROR TABLE ADDRESS
04320	207124		LAC XCT1K		
04321	740200		SZA		
04322	740040	E1441	HALT		/ERROR; XCT(16777) FROM 11000
04323	207405		LAC XCT1KS		
04324	047124		DAC XCT1K		/XCT (16777)
04325	051000		DAC 11000		
04326	207406		LAC XCTR1K		
04327	056777		DAC 16777		/JMS 11000
04330	207415		LAC XCT10R		
04331	051001		DAC 11001		/RJMP RXCT10
04332	611000		JMP 11000		/ENTER TEST
04333	147124	RXCT10	DZM XCT1K		/CLEAR ERROR TABLE
04334	211000		LAC 11000		/RJMP ADDRESS
04335	546705		SAD 221001		
04336	741000		SKP		
04337	740040	E1442	HALT		/ERROR; RJMP ADDRESS NOT 11001 /TEST XCT-JMS; FROM 12000 XCT(15777) /ERROR TABLE ADDRESS
04340	207125		LAC XCT2K		
04341	740200		SZA		
04342	740040	E1443	HALT		/ERROR; XCT(15777) FROM 12000
04343	207416		LAC XCT2KS		
04344	047125		DAC XCT2K		/XCT(15777)
04345	052000		DAC 12000		
04346	207417		LAC XCTR2K		
04347	055777		DAC 15777		/JMS 12000
04350	207420		LAC XCT11R		
04351	052001		DAC 12001		/RJMP RXCT11
04352	612000		JMP 12000		/ENTER TEST
04353	147125	RXCT11	DZM XCT2K		/CLEAR ERROR TABLE
04354	212000		LAC 12000		/RJMP ADDRESS
04355	546733		SAD 222001		
04356	741000		SKP		
04357	740040	E1444	HALT		/ERROR; RJMP ADDRESS NOT 12001 /TEST XCT-JMS; FROM 14000 XCT(13777) /ERROR TABLE ADDRESS
04360	207126		LAC XCT4K		
04361	740200		SZA		
04362	740040	E1445	HALT		/ERROR; XCT(13777) FROM 14000
04363	207421		LAC XCT4KS		
04364	047126		DAC XCT4K		/XCT(13777)
04365	054000		DAC 14000		
04366	207422		LAC XCTR4K		
04367	053777		DAC 13777		/JMS 14000

04370	227423	LAC XCT12R	
04371	754201	DAC 14001	/RJMP RXCT12
04372	147000	JMP 14000	/ENTER TEST
04373	147126	RXCT12 DZM XCT4K	/CLEAR ERROR TABLE
04374	214000	LAC 14000	/RJMP ADDRESS
04375	546610	SAD 224001	
04376	741000	SKP	
04377	740040	E1446 HALT	/ERROR; RJMP ADDRESS NOT 14001 /TEST XCT-JMS; FROM 10000 XCT (7777) /ERROR TABLE ADDRESS
04400	207127	LAC XCT10K	
04401	740200	SZA	
04402	740040	E1447 HALT	/ERROR; XCT (7777) FROM 10000
04403	207424	LAC XCT1XS	
04404	347127	DAC XCT10K	/XCT (7777)
04405	050000	DAC 10000	
04406	207425	LAC XCTR1X	
04407	047777	DAC 7777	/JMS 10000
04410	207426	LAC XCT13R	
04411	050001	DAC 10001	/RJMP RXCT13
04412	610000	JMP 10000	/ENTER TEST
04413	147127	RXCT13 DZM XCT10K	/CLEAR ERROR TABLE
04414	210000	LAC 10000	/RJMP ADDRESS
04415	546611	SAD 22001	
04416	741000	SKP	
04417	740040	E1448 HALT	/ERROR; RJMP ADDRESS NOT 10001 /TEST XCT-JMS; FROM 15252 XCT (12525) /ERROR TABLE ADDRESS
04420	207130	LAC XCT125	
04421	740200	SZA	
04422	740040	E1449 HALT	/ERROR; XCT (12525) FROM 15252
04423	207427	LAC XCT12S	
04424	047130	DAC XCT125	/XCT (12525)
04425	055252	DAC 15252	
04426	207430	LAC XCTR12	
04427	052525	DAC 12525	/JMS 15252
04430	207431	LAC XCT14R	
04431	055253	DAC 15253	/RJMP RXCT14
04432	615252	JMP 15252	/ENTER TEST
04433	147130	RXCT14 DZM XCT125	/CLEAR ERROR TABLE
04434	215252	LAC 15252	/RJMP ADDRESS
04435	546617	SAD 221525	
04436	741000	SKP	
04437	740040	E1450 HALT	/ERROR; RJMP ADDRESS NOT 15253 /TEST EXECUTE SERIES /AC=ONES, L=1
04440	754003	CLA!CMA!CLL!CML	
04441	404442	XCT .+1	
04442	404443	XCT .+1	
04443	404444	XCT .+1	
04444	404445	XCT .+1	
04445	404446	XCT .+1	
04446	404447	XCT .+1	
04447	740000	NOP	
04450	740001	CMA	/AC=0
04451	740200	SZA	
04452	740040	E1451 HALT	/ERROR; XCT SERIES FAILED AC NOT ONES
04453	740400	SNL	

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04454 740040 E1452 HALT /ERROR; XGT SERIES FAILED LINK NOT A ONE
/POP-15 INSTRUCTION TEST PART II - TAPE 6
/TEST AUTO=INDEX 0
04455 140030 DZM 0
04456 147525 DZM AUTNOT /STORE (0) AT AUTNOT
04457 220030 LAC* 0 /FALSE AUTO INDEX 0
04460 227525 LAC AUTNOT
04461 540000 SAD 0 /COMPARE (AUTNOT) WITH (0)
04462 741000 SKP
04463 740040 E1452A HALT /ERROR; (0) AUTO-INDEXED
04464 040030 DAC 0 /RESTORE (0)
/TEST AUTO=INDEX (30)
04465 140030 DZM 30
04466 147525 DZM AUTNOT /STORE (30) AT AUTNOT
04467 220030 LAC* 30 /FALSE AUTO INDEX 30
04470 207525 LAC AUTNOT
04471 540030 SAD 30 /COMPARE (AUTNOT) WITH (30)
04472 741000 SKP
04473 740040 E1452B HALT /ERROR; (30) AUTO-INDEXED
04474 040030 DAC 30 /RESTORE 30
/TEST AUTO=INDEX 50
04475 140050 DZM 50
04476 147525 DZM AUTNOT /STORE (50) AT AUTNOT
04477 220050 LAC* 50 /FALSE AUTO INDEX 50
04500 207525 LAC AUTNOT
04501 540050 SAD 50 /COMPARE (AUTNOT) WITH (50)
04502 741000 SKP
04503 740040 E1452C HALT /ERROR; (50) AUTO-INDEXED
04504 040050 DAC 50 /RESTORE 50
/TEST AUTO=INDEX 110
04505 140110 DZM 110
04506 147525 DZM AUTNOT /STORE (110) AT AUTNOT
04507 220110 LAC* 110 /FALSE AUTO INDEX 110
04510 207525 LAC AUTNOT
04511 540110 SAD 110 /COMPARE (AUTNOT) WITH (110)
04512 741000 SKP
04513 740040 E1452D HALT /ERROR; (110) AUTO-INDEXED
04514 040110 DAC 110 /RESTORE 110
/TEST AUTO=INDEX 210
04515 200210 LAC 210
04516 047525 DAC AUTNOT /STORE (210) AT AUTNOT
04517 220210 LAC* 210 /FALSE AUTO INDEX 210
04520 207525 LAC AUTNOT
04521 540210 SAD 210 /COMPARE (AUTNOT) WITH (210)
04522 741000 SKP
04523 740040 E1452E HALT /ERROR; (210) AUTO-INDEXED
04524 040210 DAC 210 /RESTORE 210
/TEST AUTO=INDEX 410
04525 200410 LAC 410
04526 047525 DAC AUTNOT /STORE (410) AT AUTNOT
04527 220410 LAC* 410 /FALSE AUTO INDEX 410
04530 207525 LAC AUTNOT
04531 540410 SAD 410 /COMPARE (AUTNOT) WITH (410)
04532 741000 SKP
04533 740040 E1452F HALT /ERROR; (410) AUTO-INDEXED

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04534	047410	DAC 410 /RESTORE 410
		/TEST AUTO-INDEX 4000
04535	204000	LAC 4000
04536	047525	DAC AUTNOT /STORE (4000) AT AUTNOT
04537	224000	LAC* 4000 /FALSE AUTO INDEX 4000
04540	207525	LAC AUTNOT
04541	544000	SAD 4000 /COMPARE (AUTNOT) WITH (4000)
04542	741000	SKP
04543	740040	E1452G HALT /ERROR; (4000) AUTO-INDEXED
04544	044000	DAC 4000 /RESTORE 4000
		/TEST AUTO-INDEX 2010
		LAC 2010
04545	202010	DAC AUTNOT /STORE (2010) AT AUTNOT
04546	047525	LAC* 2010 /FALSE AUTO INDEX 2010
04547	222010	LAC AUTNOT
04550	207525	SAD 2010 /COMPARE (AUTNOT) WITH (2010)
04551	542010	SKP
04552	741000	E1452H HALT /ERROR; (2010) AUTO-INDEXED
04553	740040	DAC 2010 /RESTORE 2010
04554	042010	/TEST AUTO-INDEX 4010
		LAC 4010
04555	204010	DAC AUTNOT /STORE (4010) AT AUTNOT
04556	047525	LAC* 4010 /FALSE AUTO INDEX 4010
04557	224010	LAC AUTNOT
04560	207525	SAD 4010 /COMPARE (AUTNOT) WITH (4010)
04561	544010	SKP
04562	741000	E1452I HALT /ERROR; (4010) AUTO-INDEXED
04563	740040	DAC 4010 /RESTORE 4010
04564	044010	/TEST AUTO-INDEX 7
		DZM 7
04565	140007	DZM AUTNOT /STORE (7) AT AUTNOT
04566	147525	LAC* 7 /FALSE AUTO INDEX 7
04567	220007	LAC AUTNOT
04570	207525	SAD 7 /COMPARE (AUTNOT) WITH (7)
04571	540007	SKP
04572	741000	E1452J HALT /ERROR; (7) AUTO-INDEXED
04573	740040	DAC 7 /RESTORE (7)
04574	040007	/TEST LAC INDIRECT 1777
		LAC K0 /AC=0
04575	206514	DAC 1777 /((1777))=0
04576	057777	LAC M400K /AC=377777
04577	206555	DAC 0 /((0))=377777
04600	040000	LAC* 1777 /AC=777777
04601	237777	TAD K400K /AC=377777
04602	346515	CMA /AC=0
04603	740001	SZA
04604	740200	E1453 HALT /ERROR; LAC I 1777 FAILED
04605	740040	/AC NOT M400K
		/TEST LAC INDIRECT 1776
		LAC K1 /AC=1
04606	206545	DAC 1776 /((1776))=1
04607	057776	LAC M200K /AC=577777
04610	206556	DAC 1 /((1))=577777
04611	040001	LAC* 1776 /AC=577777
04612	04612	TAD K200K /AC=777777
04613	346516	

04614 740201
 04615 740220
 04616 740240

E1454

CMA /AC=0
 SZA
 HALT /ERROR; LAC I 17776 FAILED
 /AC NOT M200K
 /TEST LAC INDIRECT 17775
 LAC K2 /AC=2
 DAC 17775 /((17775)92
 LAC M100K /AC=677777
 DAC 2 /((2)=677777
 LAC* 17775 /AC=677777
 TAD K100K /AC=777777

04617 226544
 04620 057775
 04621 206557
 04622 040002
 04623 237775
 04624 346517
 04625 740001
 04626 740200
 04627 740040

E1455

HALT /ERROR; LAC I 17775 FAILED
 /AC NOT M100K
 /TEST LAC INDIRECT 17773
 LAC K4 /AC=4
 DAC 17773 /((17773)=4
 LAC M40K /AC=737777
 DAC 4 /((4)=737777
 LAC* 17773 /AC=737777
 TAD K40K /AC=777777
 CMA /AC=0
 SZA

04630 206543
 04631 057773
 04632 206560
 04633 040004
 04634 237773
 04635 346520
 04636 740001
 04637 740200
 04640 740040

E1456

HALT /ERROR; LAC I 17773 FAILED
 /AC NOT M40K
 /TEST LAC INDIRECT 17767
 LAC K10 /AC=10
 DAC 17767 /((17767)=10
 LAC M20K /AC=757777
 DAC 10 /((10)=757777
 LAC* 17767 /AC=757777
 TAD K20K /AC=777777
 CMA /AC=0
 SZA

04641 206542
 04642 057767
 04643 206561
 04644 040010
 04645 237767
 04646 346521
 04647 740001
 04650 740200
 04651 740040

E1457

HALT /ERROR; LAC I 17767 FAILED
 /AC NOT M20K
 /TEST LAC INDIRECT 17757
 LAC K20 /AC=20
 DAC 17757 /((17757)=20
 LAC M10K /AC=767777
 DAC 20 /((20)=767777
 LAC* 17757 /AC=767777
 TAD K10K /AC=777777
 CMA /AC=0
 SZA

04652 206541
 04653 057757
 04654 206562
 04655 040020
 04656 237757
 04657 346522
 04660 740001
 04661 740200
 04662 740040

E1458

HALT /ERROR; LAC I 17757 FAILED
 /AC NOT M10K
 /TEST LAC INDIRECT 17737
 LAC K10040 /AC=10040
 DAC 17737 /((17737)=10040
 LAC M4K /AC=773777
 DAC 10040 /((10040)=773777
 LAC* 17737 /AC=773777
 TAD K4K /AC=777777

04663 206540
 04664 057737
 04665 206563
 04666 050040
 04667 237737
 04670 346523

04671	743001	CMA	/AC=2
04672	740200	SZA	
04673	740240	E1459	HALT /ERROR; LAC I 17737 FAILED
			/AC NOT M4K
			/TEST LAC INDIRECT 17677
04674	206537	LAC K10100	/AC=10100
04675	057677	DAC 17677	/((17677))=10100
04676	206564	LAC M2K	/AC=775777
04677	050100	DAC 10100	/((10100))=775777
04700	237677	LAC* 17677	/AC=775777
04701	346524	TAD K2K	/AC=777777
04702	740001	CMA	/AC=0
04703	740200	SZA	
04704	740040	E1460	HALT /ERROR; LAC I 17677 FAILED
			/AC NOT M2K
			/TEST LAC INDIRECT 17577
04705	206536	LAC K10200	/AC=10200
04706	057577	DAC 17577	/((17577))=10200
04707	206565	LAC M1K	/AC=776777
04710	050200	DAC 10200	/((10200))=776777
04711	237577	LAC* 17577	/AC=776777
04712	346525	TAD K1K	/AC=777777
04713	740001	CMA	/AC=0
04714	740200	SZA	
04715	740040	E1461	HALT /ERROR; LAC I 17577 FAILED
			/AC NOT M1K
			/TEST LAC INDIRECT 17377
04716	206535	LAC K10400	/AC=10400
04717	057377	DAC 17377	/((17377))=10400
04720	206566	LAC M400	/AC=777377
04721	050400	DAC 10400	/((10400))=777377
04722	237377	LAC* 17377	/AC=777377
04723	346526	TAD K400	/AC=777777
04724	740001	CMA	/AC=0
04725	740200	SZA	
04726	740040	E1462	HALT /ERROR; LAC I 17377 FAILED
			/AC NOT M400
			/TEST LAC INDIRECT 16777
04727	206534	LAC K11K	/AC=11000
04730	056777	DAC 16777	/((16777))=11000
04731	206567	LAC M200	/AC=777577
04732	051000	DAC 11000	/((11000))=777577
04733	236777	LAC* 16777	/AC=777577
04734	346527	TAD K200	/AC=777777
04735	740001	CMA	/AC=0
04736	740200	SZA	
04737	740040	E1463	HALT /ERROR LAC I 16777 FAILED
			/AC NOT M200
			/TEST LAC INDIRECT 15777
04740	206533	LAC K12K	/AC=12000
04741	055777	DAC 15777	/((15777))=12000
04742	206570	LAC M100	/AC=777677
04743	052000	DAC 12000	/((12000))=777677
04744	235777	LAC* 15777	/AC=777677
04745	346530	TAD K100	/AC=777777

04746	742001	CMA	/AC=0
04747	742200	SZA	
04751	742240	E1464	HALT /ERROR; LAC I 15777 FAILED
			/AC NOT M100
			/TEST LAC INDIRECT 13777
04751	206532		LAC K14K /AC=14000
04752	253777		DAC 13777 /(13777)=14000
04753	206571		LAC M40 /AC=777737
04754	254000		DAC 14000 /(14000)=777737
04755	233777		LAC* 13777 /AC=777737
04756	346531		TAD K40 /AC=777777
04757	740001		CMA /AC=0
04760	740200		SZA
04761	740040	E1465	HALT /ERROR; LAC I 13777 FAILED
			/AC NOT M40
			/TEST LAC INDIRECT 7777
04762	206522		LAC K10K /AC=10000
04763	047777		DAC 7777 /(7777)=10000
04764	206572		LAC M20 /AC=777757
04765	250000		DAC 10000 /(10000)=777757
04766	227777		LAC* 7777 /AC=777757
04767	346541		TAD K20 /AC=777777
04770	740001		CMA /AC=0
04771	740200		SZA
04772	740040	E1466	HALT /ERROR; LAC I 7777 FAILED
			/AC NOT M20
			CLL /TEST XCT JMS I 1
04773	744000		CLA /AC=0
04774	750000		SAD JMST1
04775	547131		SKP
04776	741000	E1467	HALT /ERROR; JMS DESTINATION ERROR
04777	740040		/TABLE ADDRESS NOT 0
			LAC K17776 /DIRECT ADDRESS
05000	206761		DAC 1 /INDIRECT ADDRESS
05001	040001		LAC JMSI1 /JMS I 1
05002	207432		DAC JMST1 /ERROR TABLE ADDRESS
05003	047131		DAC 15252 /STORE JMS I 1 AT 15252
05004	055252		LAC RJMI1 /JMP RJSI1
05005	207462		DAC 17777 /STORE RETURN TO TEST
05006	057777		XCT 15252 /XCT TEST
05007	415252		SKP /RJSI1-1 ADDRESS
05010	741000	RJSI1	DZM JMST1 /CLEAR ERROR TABLE ADDRESS
05011	147131		LAC 17776
05012	217776		SAD RJSI1X
05013	547526		CLA!SKP
05014	751000	E1468	HALT /ERROR; RJMP ADDRESS,
05015	740040		/(177776) NOT RJSI1-1
			CLL /TEST JMS I 2
			CLA /AC=0
05016	744000		SAD JMST2
05017	750000		SKP
05020	547132	E1469	HALT /ERROR; JMS DESTINATION ERROR
05021	741000		/TABLE ADDRESS NOT 0
05022	740040		LAC K17775 /DIRECT ADDRESS
			DAC 2 /INDIRECT ADDRESS
05023	206760		
05024	040002		

05025	207433	LAC JMSI2	/JMS I 2
05026	247132	DAC JMST2	/ERROR TABLE ADDRESS
05027	055252	DAC 15252	/STORE JMS I 2 AT 15252
05030	207463	LAC RJMI2	/JMP RJSI2
05031	057776	DAC 17776	/STORE RETURN TO TEST
05032	615252	JMP 15252	/JMP TO 15252
05033	741000	SKP	
05034	147132	RJSI2 DZM JMST2	/CLEAR ERROR TABLE ADDRESS
05035	217775	LAC 17775	
05036	546617	SAD Z21525	
05037	751000	CLA!SKP	
05040	740040	E1470 HALT	/ERROR; RJMP ADDRESS, (17775) NOT 15253
05041	744000	CLL	/TEST JMS I 4
05042	750000	CLA	/AC=0
05043	547133	SAD JMST4	
05044	741000	SKP	
05045	740040	E1471 HALT	/ERROR; JMS DESTINATION ERROR
			/TABLE ADDRESS NOT 0
05046	206756	LAC K17773	/DIRECT ADDRESS
05047	040004	DAC 4	/INDIRECT ADDRESS
05050	207434	LAC JMSI4	/JMS I 4
05051	047133	DAC JMST4	/ERROR TABLE ADDRESS
05052	055252	DAC 15252	/STORE JMS I 4 AT 15252
05053	207464	LAC RJMI3	/JMP RJSI3
05054	057774	DAC 17774	/STORE RETURN TO TEST
05055	615252	JMP 15252	/JMP TO 15252
05056	741000	SKP	
05057	147133	RJSI3 DZM JMST4	/CLEAR ERROR TABLE ADDRESS
05060	217773	LAC 17773	
05061	546617	SAD Z21525	
05062	751000	CLA!SKP	
05063	740040	E1472 HALT	/ERROR; RJMP ADDRESS, (17773) NOT 15253
05064	744000	CLL	/TEST JMS I 10010
05065	750000	CLA	/AC=0
05066	547134	SAD JMST10	
05067	741000	SKP	
05070	740040	E1472A HALT	/ERROR; JMS DESTINATION ERROR
			/TABLE ADDRESS NOT 0
05071	206743	LAC K17767	/DIRECT ADDRESS
05072	050010	DAC 10010	
05073	207435	LAC JMSI10	/JMS I 10010
05074	047134	DAC JMST10	/ERROR TABLE ADDRESS
05075	055252	DAC 15252	/STORE JMS I 4 AT 15252
05076	207465	LAC RJMI3A	/JMP RJSI3A
05077	057770	DAC 17770	/STORE RETURN TO TEST
05100	615252	JMP 15252	/JMP TO 15252
05101	741000	SKP	
05102	147134	RJSI3A DZM JMST10	/CLEAR ERROR TABLE ADDRESS
05103	217767	LAC 17767	
05104	546617	SAD Z21525	
05105	751000	CLA!SKP	
05106	740040	E1472B HALT	/ERROR; RJMP ADDRESS (17767) NOT 15253
05107	744000	CLL	/TEST JMS I 20
05110	750000	CLA	/AC=0
05111	547135	SAD JMST20	

05112	741200		SKP	
05113	742242	E1473	HALT	/ERROR; JMS DESTINATION ERROR
				/TABLE ADDRESS NOT 0
05114	206755		LAC K17757	/DIRECT ADDRESS
05115	242220		DAC 20	/INDIRECT ADDRESS
05116	207435		LAC JMST20	/JMS I 20
05117	247135		DAC JMST20	/ERROR TABLE ADDRESS
05120	255252		DAC 15252	/STORE JMS I 20 AT 15252
05121	207466		LAC RJMI4	/JMP RJSI4
05122	257760		DAC 17760	/STORE RETURN TO TEST
05123	615252		JMP 15252	/JMP TO 15252
05124	741200		SKP	
05125	147135	RJSI4	DZM JMST20	/CLEAR ERROR TABLE ADDRESS
05126	217757		LAC 17757	
05127	546617		SAD Z21525	
05130	751000		CLA!SKP	
05131	740040	E1474	HALT	/ERROR; RJMP ADDRESS, (17757) NOT 15253
05132	744000		CLL	/TEST JMS I 10040
05133	750000		CLA	/AC=0
05134	547136		SAD JMST40	
05135	741000		SKP	
05136	740040	E1475	HALT	/ERROR; JMS DESTINATION ERROR
				/TABLE ADDRESS NOT 0
05137	206754		LAC K17737	/DIRECT ADDRESS
05140	050040		DAC 10040	/INDIRECT ADDRESS
05141	207437		LAC JMST40	/JMS I 10040
05142	047136		DAC JMST40	/ERROR TABLE ADDRESS
05143	055252		DAC 15252	/STORE JMS I 10040 AT 15252
05144	207467		LAC RJMI5	/JMP RJSI5
05145	057740		DAC 17740	/STORE RETURN TO TEST
05146	615252		JMP 15252	/JMP TO 15252
05147	741000		SKP	
05150	147136	RJSI5	DZM JMST40	/CLEAR ERROR TABLE ADDRESS
05151	217737		LAC 17737	
05152	546617		SAD Z21525	
05153	751000		CLA!SKP	
05154	740040	E1476	HALT	/ERROR; RJMP ADDRESS, (17737) NOT 15253
05155	744000		CLL	/TEST JMS I 10100
05156	750000		CLA	/AC=0
05157	547137		SAD JMST10	
05160	741000		SKP	
05161	740040	E1477	HALT	/ERROR; JMS DESTINATION ERROR
				/TABLE ADDRESS NOT 0
05162	206734		LAC K17677	/DIRECT ADDRESS
05163	750100		DAC 10100	/INDIRECT ADDRESS
05164	207440		LAC JMST10	/JMS I 10100
05165	247137		DAC JMST10	/ERROR TABLE ADDRESS
05166	055252		DAC 15252	/STORE JMS I 10100 AT 15252
05167	207470		LAC RJMI6	/JMP RJSI6
05170	057700		DAC 17700	/STORE RETURN TO TEST
05171	615252		JMP 15252	/JMP TO 15252
05172	741000		SKP	
05173	147137	RJSI6	DZM JMST10	/CLEAR ERROR TABLE ADDRESS
05174	217677		LAC 17677	
05175	546617		SAD Z21525	

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05176 751000          CLA!SKP
05177 742040          E1478 HALT   /ERROR; RJMP ADDRESS, (17677) NOT 15253
05200 744000          CLL     /TEST JMS I 10200
05201 752000          CLA     /AC0
05202 547140          SAD JMST2C
05203 741000          SKP
05204 740040          E1479 HALT   /ERROR; JMS DESTINATION ERROR
                        /TABLE ADDRESS NOT 0
05205 206731          LAC K17577          /DIRECT ADDRESS
05206 752200          DAC 10200           /INDIRECT ADDRESS
05207 207441          LAC JMSI2C          /JMS I 10200
05210 247140          DAC JMST2C          /ERROR TABLE ADDRESS
05211 255252          DAC 15252           /STORE JMS I 10200 AT 15252
05212 207471          LAC RJMI7           /JMP RJSI7
05213 257600          DAC 17600           /STORE RETURN TO TEST
05214 615252          JMP 15252           /JMP TO15252
05215 741000          SKP
05216 147140          RJSI7 DZM JMST2C          /CLEAR ERROR TABLE ADDRESS
05217 217577          LAC 17577
05220 546617          SAD 221525
05221 751000          CLA!SKP
05222 740040          E1480 HALT   /ERROR; RJMP ADDRESS, (17577) NOT 15253
05223 744000          CLL     /TEST JMS I 10400
05224 750000          CLA     /AC0
05225 547141          SAD JMST4C
05226 741000          SKP
05227 740040          E1481 HALT   /ERROR; JMS DESTINATION ERROR
                        /TABLE ADDRESS NOT 0
05230 206753          LAC K17377          /DIRECT ADDRESS
05231 050400          DAC 10400           /INDIRECT ADDRESS
05232 207442          LAC JMSI4C          /JMS I 10400
05233 047141          DAC JMST4C          /ERROR TABLE ADDRESS
05234 055252          DAC 15252           /STORE JMS I 10400 AT 15252
05235 207472          LAC RJMI8           /JMP RJSI8
05236 057400          DAC 17400           /STORE RETURN TO TEST
05237 615252          JMP 15252           /JMP TO 15252
05240 741000          SKP
05241 147141          RJSI8 DZM JMST4C          /CLEAR ERROR TABLE ADDRESS
05242 217377          LAC 17377
05243 546617          SAD 221525
05244 751000          CLA!SKP
05245 740040          E1482 HALT   /ERROR; RJMP ADDRESS, (17377) NOT 15253
05246 744000          CLL     /TEST JMS I 11000
05247 750000          CLA     /AC0
05250 605254          JMP ,+4
05251 605255          JMP ,+4
05252 605252          JMP ,+0 /ADDRESS MODIFIED BY PROGRAM
05253 605253          JMP ,+0 /ADDRESS MODIFIED BY PROGRAM
05254 547142          SAD JMST1K
05255 741000          SKP
05256 740040          E1483 HALT   /ERROR; JMS DESTINATION ERROR
                        /TABLE ADDRESS NOT 0
05257 206752          LAC K16777          /DIRECT ADDRESS
05260 051000          DAC 11000           /INDIRECT ADDRESS
05261 207443          LAC JMSI1K          /JMS I 11000

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05262	047142	DAC JMST1K	/ERROR TABLE ADDRESS
05263	055252	DAC 15252	/STORE JMS I 11000 AT 15252
05264	207473	LAC RJM19	/JMP RJS19
05265	057000	DAC 17000	/STORE RETURN TO TEST
05266	615252	JMP 15252	/JMP TO 15252
05267	741000	SKP	
05270	147142	RJS19 DZM JMST1K	/CLEAR ERROR TABLE ADDRESS
05271	216777	LAC 16777	
05272	546617	SAD Z21525	
05273	751000	CLA!SKP	
05274	740040	E1484 HALT	/ERROR! RJMP ADDRESS, (16777) NOT 15253
05275	744000	CLL	/TEST JMS I 12000
05276	750000	CLA	/AC=0
05277	547143	SAD JMST2K	
05300	741000	SKP	
05301	740040	E1485 HALT	/ERROR! JMS DESTINATION ERROR
			/TABLE ADDRESS NOT 0
05302	206751	LAC K15777	/DIRECT ADDRESS
05303	052000	DAC 12000	/INDIRECT ADDRESS
05304	207444	LAC JMSI2K	/JMS I 12000
05305	047143	DAC JMST2K	/ERROR TABLE ADDRESS
05306	055252	DAC 15252	/STORE JMS I 12000 AT 15252
05307	207474	LAC RJM110	/JMP RJS110
05310	056000	DAC 16000	/STORE RETURN TO TEST
05311	615252	JMP 15252	/JMP TO 15252
05312	741000	SKP	
05313	147143	RJSI10 DZM JMST2K	/CLEAR ERROR TABLE ADDRESS
05314	215777	LAC 15777	
05315	546617	SAD Z21525	
05316	751000	CLA!SKP	
05317	740040	E1486 HALT	/ERROR! RJMP ADDRESS, (15777) NOT 15253
05320	744000	CLL	/TEST JMS I 14000
05321	750000	CLA	/AC=0
05322	547144	SAD JMST4K	
05323	741000	SKP	
05324	740040	E1487 HALT	/ERROR! JMS DESTINATION ERROR
05325	744000	CLL	/TEST JMS I 10000
05326	750000	CLA	/AC=0
05327	547145	SAD JMST1X	
05330	741000	SKP	
05331	740040	E1489 HALT	/ERROR! JMS DESTINATION ERROR
			/TABLE ADDRESS NOT 0
05332	206761	LAC K17776	/DIRECT ADDRESS
05333	050000	DAC 10000	/INDIRECT ADDRESS
05334	207446	LAC JMSI1X	/JMS I 10000
05335	047145	DAC JMST1X	/ERROR TABLE ADDRESS
05336	055252	DAC 15252	/STORE JMS I 10000 AT 15252
05337	207476	LAC RJM112	/JMP RJS112
05340	057777	DAC 17777	/STORE RETURN TO TEST
05341	615252	JMP 15252	/JMP TO 15252
05342	741000	SKP	
05343	147145	RJSI12 DZM JMST1X	/CLEAR ERROR TABLE ADDRESS
05344	217776	LAC 17776	
05345	546617	SAD Z21525	
05346	751000	CLA!SKP	


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05347 740040 E1490 HALT /ERROR; RUMP ADDRESS, (17776) NOT 15253
/PDP-15 INSTRUCTION TEST PART II - TAPE 7
                                /TEST XCT INDIRECT
05350 206514 LAC K0 /DIRECT ADDRESS
05351 057777 DAC 17777 /INDIRECT ADDRESS
05352 207505 LAC XCTOZM
05353 040000 DAC 0 /OZM 12525
05354 777777 LAW 17777
05355 052525 DAC 12525 /((12525) = 777777)
05356 437777 XCT* 17777
05357 212525 LAC 12525
05360 740200 SZA
05361 740040 E1491 HALT /ERROR; XCT I A OZM
/FAILED, (12525) NOT 777777
/TEST ISZ INDIRECT
05362 206514 LAC K0 /DIRECT ADDRESS
05363 057777 DAC 17777 /INDIRECT ADDRESS
05364 777777 LAW 17777
05365 040000 DAC 0 /((0)=777777)
05366 477777 ISZ* 17777
05367 740040 E1492 HALT /ERROR; ISZ I 17777 FAILED
/TO SKIP
/TEST XCT I LAC I
05370 206514 LAC K0 /DIRECT ADDRESS FOR XCT I
05371 057777 DAC 17777 /INDIRECT ADDRESS FOR XCT I
05372 206545 LAC K1 /DIRECT ADDRESS FOR AND I
05373 057776 DAC 17776 /INDIRECT ADDRESS FOR AND I
05374 207515 LAC ANDI
05375 040000 DAC 0 /AND I 17776
05376 206607 LAC K2525
05377 040001 DAC 1 /((1)=2525)
05400 750001 CLA/CMMA /AC=ONES
05401 437777 XCT* 17777
05402 546607 SAD K2525
05403 741000 SKP
05404 740040 E1493 HALT /ERROR; XCT I 17777 FOLLOWED
/BY AND I 17776 FAILED
/TEST AUTO=INDEX (XOR I 10)
05405 206761 LAC K17776
05406 040010 DAC 10 /AUTO=INDEX (10) = 17776
05407 206546 LAC K15 /AC = 111111
05410 057777 DAC 17777 /((17777)=111111)
05411 260010 XOR* 10
05412 740200 SZA
05413 740040 E1494 HALT /ERROR; XOR I 10 FAILED
/AC NOT 111111
/AUTO=INDEX REGISTER
05414 200010 LAC 10
05415 546636 SAD K17777
05416 741000 SKP
05417 740040 E1495 HALT /ERROR; (10) NOT INCREMENTED+1
/TEST AUTO=INDEX; XOR I 10
05420 206760 LAC K17775
05421 040010 DAC 10 /((10) = 17775)
05422 206547 LAC K25 /AC = 222222
05423 057776 DAC 17776 /((17776)=222222)

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05424	260210		XOR* 10	
05425	740220		SZA	
05426	740240	E1496	HALT	/ERROR; XOR I 10 FAILED AC NOT 220220
05427	200010		LAC 10	
05430	546761		SAD K17776	
05431	741000		SKP	
05432	740040	E1497	HALT	/ERROR; (10) NOT INCREMENTED+1 /TEST AUTO=INDEX; XOR I 10
05433	206756		LAC K17773	
05434	040010		DAC 10	/(10)=17773
05435	206550		LAC K3S	/AC = 333333
05436	057774		DAC 17774	/(17774)=333333
05437	260010		XOR* 10	
05440	740200		SZA	
05441	740040	E1498	HALT	/ERROR; XOR I 10 FAILED AC NOT 333333
05442	200010		LAC 10	
05443	546757		SAD K17774	
05444	741000		SKP	
05445	740040	E1499	HALT	/ERROR; (10) NOT INCREMENTED+1 /TEST AUTO=INDEX; XOR I 10
05446	206743		LAC K17767	
05447	040010		DAC 10	/(10)=17767
05450	206551		LAC K4S	/AC = 444444
05451	057770		DAC 17770	/(17770)=444444
05452	260010		XOR* 10	
05453	740200		SZA	
05454	740040	E1500	HALT	/ERROR; XOR I 10 FAILED AC NOT 444444
05455	200010		LAC 10	
05456	546741		SAD K17770	
05457	741000		SKP	
05460	740040	E1501	HALT	/ERROR; (10) NOT INCREMENTED+1 /TEST AUTO=INDEX; XOR I 10
05461	206755		LAC K17757	
05462	040010		DAC 10	/(10)=17757
05463	206552		LAC K5S	/AC = 555555
05464	057760		DAC 17760	/(17760)=555555
05465	260010		XOR* 10	
05466	740200		SZA	
05467	740040	E1502	HALT	/ERROR; XOR I 10 FAILED AC NOT 555555
05470	200010		LAC 10	
05471	546737		SAD K17760	
05472	741000		SKP	
05473	740040	E1503	HALT	/ERROR; (10) NOT INCREMENTED+1 /TEST AUTO=INDEX; XOR I 10
05474	206754		LAC K17737	
05475	040010		DAC 10	/(10)=17737
05476	206553		LAC K6S	/AC = 666666
05477	057740		DAC 17740	/(17740)=666666
05500	260010		XOR* 10	
05501	740200		SZA	
05502	740040	E1504	HALT	/ERROR; XOR I 10 FAILED AC NOT 666666
05503	200010		LAC 10	
05504	546735		SAD K17740	
05505	741000		SKP	
05506	740040	E1505	HALT	/ERROR; (10) NOT INCREMENTED+1

05507	206734	LAC K17677	/TEST AUTO=INDEX; XOR I 10
05510	040010	DAC 10	/(10)=17677
05511	206554	LAC K7S	/AC = 777777
05512	257700	DAC 17700	/(17700) = 777777
05513	260010	XOR* 10	
05514	740200	SZA	
05515	740040	E1506 HALT	/ERROR; XOR I 10 FAILED AC NOT 777777
05516	200010	LAC 10	
05517	546732	SAD K17700	
05520	741000	SKP	
05521	740040	E1507 HALT	/ERROR; (10) NOT INCREMENTED+1 /TEST AUTO=INDEX; XOR I 10
05522	206731	LAC K17577	
05523	040010	DAC 10	/(10)=17577
05524	206606	LAC K5252	/AC=5252
05525	057600	DAC 17600	/(17600)=5252
05526	260010	XOR* 10	
05527	740200	SZA	
05530	740040	E1508 HALT	/ERROR; XOR I 10 FAILED AC NOT 5252
05531	200010	LAC 10	
05532	546730	SAD K17600	
05533	741000	SKP	
05534	740040	E1509 HALT	/ERROR; (10) NOT INCREMENTED+1 /TEST AUTO=INDEX; XOR I 10
05535	206753	LAC K17377	
05536	040010	DAC 10	/(10)=17377
05537	206607	LAC K2525	/AC=2525
05540	057400	DAC 17400	/(17400)=2525
05541	260010	XOR* 10	
05542	740200	SZA	
05543	740040	E1510 HALT	/ERROR; XOR I 10 FAILED AC NOT 2525
05544	200010	LAC 10	
05545	546727	SAD K17400	
05546	741000	SKP	
05547	740040	E1511 HALT	/ERROR; (10) NOT INCREMENTED+1 /TEST AUTO=INDEX; XOR I 10
05550	206752	LAC K16777	
05551	040010	DAC 10	/(10) = 16777
05552	206713	LAC K15252	/AC=15252
05553	057000	DAC 17000	/(17000)=15252
05554	260010	XOR* 10	
05555	740200	SZA	
05556	740040	E1512 HALT	/ERROR; XOR I 10 FAILED AC NOT 15252
05557	200010	LAC 10	
05560	546762	SAD K17000	
05561	741000	SKP	
05562	740040	E1513 HALT	/ERROR; (10) NOT INCREMENTED+1 /TEST AUTO=INDEX; XOR I 10
05563	206751	LAC K15777	
05564	040010	DAC 10	/(10) = 15777
05565	206524	LAC K2K	/AC=2000
05566	056000	DAC 16000	/(16000)=2000
05567	260010	XOR* 10	
05570	740200	SZA	

05571	740040	E1514	HALT	/ERROR; XOR I 10 FAILED AC NOT 2000
05572	200010		LAC 10	
05573	546726		SAD K16000	
05574	741000		SKP	
05575	740040	E1515	HALT	/ERROR; (10) NOT INCREMENTED+1 /TEST AUTO=INDEX; XOR I 10
05576	206750		LAC K13777	
05577	340010		DAC 10	/(10)=13777
05600	206725		LAC K4000	/AC=4000
05601	054000		DAC 14000	/(14000)=4000
05602	260010		XOR* 10	
05603	740200		SZA	
05604	740040	E1516	HALT	/ERROR; XOR I 10 FAILED AC NOT 4000
05605	200010		LAC 10	
05606	546724		SAD K14000	
05607	741000		SKP	
05610	740040	E1517	HALT	/ERROR;(10) NOT INCREMENTED+1 /TEST AUTO=INDEX (ISZ I 11)
05611	206713		LAC K15252	
05612	040011		DAC 11	/(11) = 15252
05613	206554		LAC K7S	
05614	055253		DAC 15253	/(15253)=777777
05615	460011		ISZ* 11	
05616	740040	E1518	HALT	/ERROR; ISZ FAILED TO SKIP /AUTO=INDEX 11 FAILED
05617	215253		LAC 15253	
05620	740200		SZA	
05621	740040	E1519	HALT	/ERROR; (15253) NOT 0, ISZ FAILED
05622	200011		LAC 11	
05623	546714		SAD K15253	
05624	741000		SKP	
05625	740040	E1520	HALT	/ERROR; (11) NOT INCREMENTED+1 /TEST AUTO=INDEX (JMP I 12)
05626	207146		LAC AUTJMP	
05627	740200		SZA	
05630	740040	E1521	HALT	/ERROR; JMP I 12 FAILED TO /REACH 1
05631	207447		LAC JMPAUT	
05632	047146		DAC AUTJMP	/STORE JMP I 12 IN ERROR ADDRESS
05633	207511		LAC AUTRET	/TABLE
05634	040001		DAC 1	
05635	206514		LAC K0	
05636	040012		DAC 12	/(12)=0
05637	620012		JMP* 12	
05640	741000		SKP	
05641	147146	AUTR	DZM AUTJMP	/CLEAR TABLE ERROR
05642	200012		LAC 12	
05643	546545		SAD K1	
05644	741000		SKP	
05645	740040	E1522	HALT	/ERROR (12) NOT INCREMENTED+1 /READ SWITCHES xxxxxxxxxxxxxxxxxx 0
05646	754004		CLA!OAS!CLL	/BIT17=0
05647	740020		RAR	/NO CLOCK
05650	744400		SNL!CLL	
05651	605763		JMP NOCLK	

/TEST TIME CLOCK, CLSF

05652	700001		CLSF	/FLAG=0
05653	741000		SKP	
05654	740040	E1543	HALT	/ERROR; CLSF SKIPPED, FLAG=0 /TEST TIME CLOCK, CLOF
05655	206514		LAC K0	
05656	040007		DAC 7	
05657	140000		DZM 0	/(?)=0
05660	700004		CLOF	/DELAY FOR COUNT WAIT
05661	440000		ISZ 0	/CLOCK OFF
05662	605661		JMP .-1	
05663	200007		LAC 7	
05664	740200		SZA	
05665	740040	E1544	HALT	/ERROR; (?) NOT 0 AFTER CLOF /TEST TIME CLOCK, CLON
05666	206514		LAC K0	
05667	140000		DZM 0	
05670	700044		CLON	/DELAY FOR COUNT WAIT
05671	440000		ISZ 0	/CLOCK ON
05672	605671		JMP .-1	
05673	200007		LAC 7	
05674	741200		SNA	
05675	740040	E1545	HALT	/ERROR; (?)=0 CLON FAILED /TO TURN ON
05676	140000		DZM 0	
05677	700044		CLON	/CLOCK ON
05700	700004		CLOF	/CLOCK OFF
05701	206514		LAC K0	
05702	040007		DAC 7	
05703	440000		ISZ 0	
05704	605703		JMP .-1	/DELAY FOR COUNT WAIT
05705	200007		LAC 7	
05706	740200		SZA	
05707	740040	E1546	HALT	/ERROR; TIME CLOCK FAILED TO /TURN OFF /TEST TIME CLOCK, CLSF
05710	147522		DZM TCLK	
05711	206554		LAC K7S	
05712	040007		DAC 7	/(?)=777777
05713	700044		CLON	/TURN CLOCK ON
05714	700001	CLOCK	CLSF	
05715	741000		SKP	/SKIP ON CLOCK FLAG
05716	605722		JMP .+4	
05717	447522		ISZ TCLK	
05720	605714		JMP CLOCK	
05721	740040	E1547	HALT	/ERROR; TIME CLOCK DID NOT SKIP
05722	700004		CLOF	/TURN CLOCK OFF /TEST PI; ION (NO FLAGS SET)
05723	207150		LAC ITAB	
05724	740200		SZA	
05725	740040	E1548	HALT	/ERROR; (ITAB) NOT 0
05726	700004		CLOF	/CLEAR CLOCK
05727	700102		RCF	/CLEAR READER FLAG
05730	700402		TCF	/CLEAR TTY FLAG
05731	207451		LAC IRET	
05732	040001		DAC 1	/RJMP E1549
05233	700042		ION	

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05734 741000 SKP
05735 740040 E1549 HALT /ERROR: PI OCCURED NO FLAGS SET
/TEST PI ION (FLAG SET) CLOCK ON

05736 206723 LAC K7X42
05737 247150 DAC ITAB /STORE 700042 IN ERROR TABLE
05740 207452 LAC IRET2
05741 240001 DAC 1 /RJMP IRET3
05742 777777 LAW 17777
05743 240007 DAC 7
05744 240000 DAC 0 / (0)=777777
05745 777777 LAW 17777
05746 700002 IOF /PI OFF
05747 700044 HANGER CLON
05750 700001 ONCLOC CLSF
05751 605750 JMP .-1
05752 700042 KINT ION /PI ON
05753 741000 SKP
05754 147150 IRET3 DZM ITAB /CLEAR ERROR TABLE
05755 700004 CLOF /CLEAR CLOCK FLAG
05756 700002 IOF /PI OFF
05757 200000 LAC 0 /ERROR TABLE NOT 0
05760 547477 SAD Istor
05761 741000 SKP
05762 740040 E1550 HALT /ERROR: (0) NOT IRET3+1
/TEST PI IOF, ION, IOF

05763 207453 NOCLK LAC IRET4
05764 040001 DAC 1 / (1)=RJMP E1551
05765 750000 CLA
05766 040000 DAC 0 / (0)=0
05767 777777 LAW 17777
05770 040007 DAC 7
05771 700002 IOF /PI OFF
05772 700406 TLS
05773 606001 JMP .+6
05774 606002 JMP .+6
05775 605775 JMP .+0 /ADDRESS MODIFIED BY PROGRAM
05776 605776 JMP .+0 /ADDRESS MODIFIED BY PROGRAM
05777 605777 JMP .+0 /ADDRESS MODIFIED BY PROGRAM
06000 606000 JMP .+0 /ADDRESS MODIFIED BY PROGRAM
06001 700401 TSF
06002 606001 JMP .-1
06003 700042 ION /PI ON
06004 700002 IOF /PI OFF
06005 741000 SKP
06006 740040 E1551 HALT /ERROR: PI OCCURED IOF FAILED
06007 200000 LAC 0
06010 740200 SZA
06011 740040 E1552 HALT /ERROR: RJMP STORED ON ION, IOF
/ (0) NOT 0
/TEST PI ION, TLS, IOF

06012 207151 LAC ITAB1
06013 740200 SZA
06014 740040 E1553 HALT /ERROR: ERROR TABLE NOT 0
06015 207454 LAC IRET6
06016 040001 DAC 1 /RJMP IRET7

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06017	754000		CLA:CLL	
06020	242000		DAC 0	/(0)=0
06021	206716		LAC K7XX2	
06022	247151		DAC ITAB1	/STORE 700002 IN ERROR TABLE
06023	777777		LAW 17777	
06024	240007		DAC 7	
06025	700406		TLS	
06026	700401		TSF	
06027	606026		JMP .-1	
06030	700042	NOIN	ION	
06031	700042		ION	
06032	700042		ION	
06033	740000		NOP	
06034	700002		IOF	/PI OFF
06035	741000		SKP	
06036	147151	IRET7	DZM ITAB1	/CLEAR ERROR TABLE
06037	200000		LAC 0	
06040	547527		SAD NOINX	
06041	741000		SKP	
06042	740040	E1554	HALT	/ERROR; (0) NOT NOIN+4
06043	700002		IOF	/TEST PI (ION, LAW, IOF)
06044	207152		LAC ITAB2	
06045	740200		SZA	
06046	740040	E1555	HALT	/ERROR; ERROR TABLE NOT 0
06047	206717		LAC K76X2	
06050	047152		DAC ITAB2	/STORE 760002 IN ERROR TABLE
06051	207455		LAC IRET8	
06052	240001		DAC 1	/RJMP IRET9
06053	750000		CLA	
06054	040000		DAC 0	
06055	777777		LAW 17777	/(0)=0
06056	040007		DAC 7	
06057	700406		TLS	
06060	700401		TSF	
06061	606060		JMP .-1	
06062	700042		ION	/PI ON
06063	777777		LAW 17777	/AC=777777
06064	700002		IOF	/PI OFF
06065	741000		SKP	
06066	147152	IRET9	DZM ITAB2	/CLEAR ERROR TABLE
06067	740001		CMA	
06070	740200		SZA	
06071	740040	E1556	HALT	/ERROR; ION, LAW FAILED ON PI /AC NOT 777777
06072	200000		LAC 0	
06073	547500		SAD ISTORE	
06074	741000		SKP	
06075	740040	E1557	HALT	/ERROR; (0) NOT IRET9=3
06076	700002		IOF	/TEST PI, ION, JMS, IOF
06077	207153		LAC ITAB3	
06100	740200		SZA	
06101	740040	E1558	HALT	/ERROR; ERROR TABLE NOT 0
06102	206656		LAC M37777	
06103	040011		DAC 11	/(11)=NOP
06104	207520		LAC ERIJMS	

06105	040012	DAC 12	/(12)=JMP E1558
06106	207456	LAC IRET10	
06107	040001	DAC 1	/(1)=JMP IRET11
06110	750000	CLA	
06111	040000	DAC 0	/(0) = 0
06112	206720	LAC K1XX2	
06113	247153	DAC ITAB3	/STORE 100002 IN ERROR TABLE
06114	777777	LAW 17777	
06115	040007	DAC 7	
06116	700406	TLS	
06117	700401	TSF	
06120	606117	JMP ,-1	
06121	700042	ION	/PI ON
06122	100010	JMS 10	
06123	740040	HALT	/ERROR; PI FAILED TO OCCUR, ON JMS 10
06124	147153	E1559 IRET11 DZM ITAB3	/CLEAR ERROR TABLE
06125	700002	IOF	/PI OFF
06126	750004	LAS	/CHECK FOR ECO48
06127	506544	AND K2	/BIT 16 UP?
06130	740200	SZA	
06131	606134	JMP ,+3	
06132	207531	LAC K2Z12	/YES; ECO48
06133	741000	SKP	
06134	206663	LAC K11	/NO; NO ECO48
06135	046137	DAC ,+2	
06136	741000	SKP	
06137	000000	0	
06140	200000	LAC 0	
06141	546137	SAD ,-2	
06142	741000	SKP	
06143	740040	E1560 HALT	/ERROR; (0) NOT 11
06144	200010	LAC 10	
06145	547501	SAD ISTORE3	
06146	741000	SKP	
06147	740040	E1560A HALT	/ERROR; JMS RJMP NOT E1559 /TEST PI, (ISZ)
06150	777777	LAW 17777	
06151	040007	DAC 7	
06152	040020	DAC 20	
06153	750000	CLA	
06154	040000	DAC 0	/(0)=0
06155	207457	LAC IRET12	
06156	040001	DAC 1	/RJMP IRET13
06157	777777	LAW 17777	
06160	700406	TLS	
06161	700401	TSF	
06162	606161	JMP ,-1	
06163	700042	ION	/PI ON
06164	440020	ISZ 20	
06165	740000	NOP	
06166	740040	E1561 HALT	/ERROR; PI FAILED, ISZ SKIPPED
06167	200020	E1561 IRET13 LAC 20	
06170	740200	SZA	
06171	740040	E1562 HALT	/ERROR; (20) NOT 0 ISZ FAILED
06172	700002	IOF	

06173	220000	LAC 0	
06174	547502	SAD ISTR4	
06175	741000	SKP	
06176	740040	E1563 HALT	/ERROR; (0) NOT E1561 /TEST PI (JMP I)
06177	207154	LAC ITAB4	
06200	740200	SZA	
06201	740040	E1564 HALT	/ERROR; ERROR TABLE NOT 0 /PI FAILED
06202	206721	LAC K6X42	
06203	247154	DAC ITAB4	/STORE 604002 IN TABLE
06204	750000	CLA	
06205	040000	DAC 0	/(0)=0
06206	207460	LAC IRET14	
06207	240001	DAC 1	/RJMP TO CLEAR ERROR TABLE
06210	206549	LAC K1	
06211	047521	DAC IADR	/INDIRECT ADDRESS
06212	700002	IOF	/PI OFF
06213	777777	LAW 17777	
06214	040007	DAC 7	
06215	700406	TLS	
06216	700401	TSF	
06217	606216	JMP .-1	/CLOCK ON
06220	700042	ION	/PI ON
06221	627521	JMP* IADR	
06222	741000	SKP	
06223	147154	IRET15 DZM ITAB4	/CLEAR ERROR TABLE
06224	700002	IOF	
06225	200000	LAC 0	
06226	547530	SAD Z1	
06227	741000	SKP	
06230	740040	E1565 HALT	/ERROR; (0) NOT 1 (JMP I) PI /TEST PI (TAD I 10) AUTO-INDEX
06231	207155	LAC ITAB5	
06232	740200	SZA	
06233	740040	E1565A HALT	/ERROR; ERROR TABLE NOT 0 /PI FAILED
06234	777777	LAW 17777	
06235	040007	DAC 7	
06236	206722	LAC K344X2	
06237	047155	DAC ITAB5	/STORE 344002 IN ERROR TABLE
06240	207461	LAC IRET16	
06241	040001	DAC 1	/(1)=RJMP IRET17
06242	140000	DZM 0	/(0)=0
06243	140010	DZM 10	/(10)=0
06244	206606	LAC K5252	
06245	040000	DAC 0	
06246	754000	CLA!CLL	/AC=0
06247	700406	TLS	
06250	700401	TSF	
06251	606250	JMP .-1	
06252	700042	ION	/PI ON
06253	360010	TAD* 10 /AUTO-INDEX 10	
06254	741000	SKP	
06255	147155	IRET17 DZM ITAB5	/CLEAR ERROR TABLE

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06256 700202 IOF
06257 547461 SAD IRET16
06260 741200 SKP
06261 740040 E1566 HALT /ERROR; TAD I 10, AUTO-INDEX
/FAILED ON PI

06262 200000 LAC 0
06263 547503 SAD ISTORE
06264 751000 SKP!CLA
06265 740040 E1567 HALT /ERROR; (0) NOT IRET17-1 ON PI
/TEST IOT 3344 (DBR), L=0

06266 744000 CLL /L=0
06267 106431 JMS DBRX
06270 741400 SZL
06271 740040 E1568 HALT /ERROR; DBR FAILED; LINK NOT 0
/TEST IOT 3344(DBR), L=1

06272 744002 CLL!CML /L=1
06273 106431 JMS DBRX /DBR
06274 740400 SNL
06275 740040 E1569 HALT /ERROR, IOT 3344 (DBR), LINK NOT 1
/TEST IOT 3344 (DBR), L=0

06276 754000 CLL!CLA
06277 106434 JMS DBRXX /DBR
06300 740400 SNL
06301 740040 E1570 HALT /ERROR; IOT 3344 (DBR), LINK NOT 1
/TEST IOT 3344 (DBR), L=1

06302 754002 CLL!CML!CLA /L=1
06303 106442 JMS DBRXXX /DBR
06304 751400 CLA!SZL
06305 740040 E1571 HALT /ERROR; IOT 3344(DBR), LINK NOT 0
/
/TEST IOT RESTORE
/TEST RESTORE LINK TO ZERO

06306 744000 CLL /LINK=0
06307 106450 JMS RESTORE /GO AND RESTORE
06310 741400 SZL /TEST FOR ZERO LINK
06311 740040 E1572 HALT /ERROR; RESTORE SET LINK
707761 /SKIP ON 9 MODE
06312 707761 E1573 HALT /ERROR; RESTORE SET 15 MODE
/PROCESSOR STILL IN 9 MODE
/TEST RESTORE LINK TO ONE

06314 744002 CLL!CML /LINK=1
06315 106450 JMS RESTORE /GO AND RESTORE
06316 740400 SNL /TEST FOR LINK=1
06317 740040 E1574 HALT /ERROR; RESTORE ZEROED LINK
/TEST ALTER PC WORD LINK SET

06320 754000 CLL!CLA /LINK=0
06321 106453 JMS XRESTORE /GO ALTER PC WORD
06322 740400 SNL /TEST FOR LINK=1
06323 740040 E1575 HALT /ERROR; LINK NOT SET
/TEST ALTER PC WORD LINK ZERO

06324 744002 CLL!CML
06325 106461 JMS XXRESTORE /GO ALTER PC WORD,
06326 741400 SZL /TEST FOR ZERO LINK
06327 740040 E1576 HALT /ERROR; LINK NOT ZEROED WHEN RESTORED
/

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                                /TEST MODE BIT IN PC WORD DURING RESTORE
                                /
06330 754002 CLA!CLL /AC=2 LINK=0
06331 707762 707762 /SET TO 15 MODE
06332 106450 JMS RESTORE /GO AND RESTORE
06333 106334 JMS ,+1 /FETCH PC WORD
06334 000000 0
06335 206334 LAC ,.-1
06336 743410 RTL!SZL
06337 742040 E1577 HALT /TEST FOR 15 MODE
                                /ERROR: RESTORE SET PROCESSOR TO 9 MODE
                                /TEST 9 MODE ON RESTORE
06340 754000 CLA!CLL /AC=0 LINK=0
06341 707764 707764 /SET TO 9 MODE
06342 106450 JMS RESTORE /GO AND RESTORE
06343 106344 JMS ,+1 /FETCH PC WORD
06344 000000 0
06345 206344 LAC ,.-1
06346 742010 RTL
06347 740400 SNL /ROTATE MODE BIT INTO LINK
06350 740040 E1578 HALT /TEST FOR 9 MODE
                                /ERROR: RESTORE SET PROCESSOR TO 15 MODE
                                /ALTER PC WORD DURING RESTORE
06351 750000 CLA /AC=0
06352 707764 707764 /SET TO 9 MODE
06353 106467 JMS MRESTORE /GO AND RESTORE ALTER MODE
06354 707761 707761 /SKIP ON 9 MODE
06355 741000 SKP /IN 15 MODE
06356 740040 E1579 HALT /ERROR: PROCESSOR STILL IN 9 MODE
                                /ALTER PC WORD FROM 15 TO 9 MODE
06357 750000 CLA /AC=0
06360 707762 707762 /ENTER 15 MODE
06361 106475 JMS MMRESTORE /GO AND RESTORE ! ALTER MODE
06362 707761 707761 /SKIP ON 9 MODE
06363 740040 E1580 HALT /ERROR: PROCESSOR STILL IN 15 MODE
                                /
                                /RESTORE AND ALTER LINK
                                /
06364 754000 CLA!CLL /AC=0 LINK=0
06365 707762 707762 /ENTER 15 MODE
06366 106503 JMS XXMRET /GO ALTER MODE AND PLAY WITH LINK
06367 707761 707761 /SKIP ON 9 MODE
06370 740040 E1581 HALT /ERROR: PROCESSOR STILL IN 15 MODE
06371 741400 SZL /TEST FOR ZERO LINK
06372 740040 E1582 HALT /ERROR: LINK WAS NOT RESTORED
06373 750000 CLA /TEST CAF TO CLEAR TTY
06374 700406 TLS /FLAG
06375 700401 TSF
06376 606375 JMP ,.-1 /SET FLAG
06377 703302 CAF
06400 700304 700304 /IORS-10 INCLUSIVE
06401 506765 AND K7763
06402 740200 SZA /OR THE AC
06403 740040 E1584 HALT /ERROR: AC NOT 2 CAF
                                /FAILED TO CLEAR TTY
06404 750000 CLA /TEST IORS-10
06405 700406 TLS /FLAGS OR IORS-10

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06406 727401 TSF /FAILED
06407 626406 JMP .-1
06410 226561 LAC M20K /M20K
06411 722304 700304 /IORS-10
06412 740001 CMA
06413 740200 SZA
06414 740040 E1585 HALT /ERROR; IORS-10
/FAILED TO INCLUSIVE
/OR THE AC
/TEST SKIP ON 9 MODE
/E1586 HALT /ERROR; SKIP ON 9 MODE FAILED
707761
06415 707761 707761
06416 740040 E1586 HALT
06417 447523 ISZ CNTX
06420 600202 JMP PART2 /JMP TO BEGIN
06421 207524 LAC BELL
06422 700406 TLS
06423 700401 TSF
06424 606423 JMP .-1
06425 700402 TCF
06426 206646 LAC M77
06427 047523 DAC CNTX
06430 600202 JMP PART2 /JMP TO BEGIN
06431 000000 DBRX 0 /LEAVE LINK ALONE
06432 703344 703344 /DBR
06433 626431 JMP* DBRX
06434 000000 DBRXX 0 /SET LINK TO A ONE
06435 206434 LAC DBRXX
06436 346515 TAD K400K
06437 046434 DAC DBRXX
06440 703344 703344 /DBR
06441 626434 JMP* DBRXX
06442 000000 DBRXXX 0 /CLEAR LINK
06443 206442 LAC DBRXXX
06444 506555 AND M400K
06445 046442 DAC DBRXXX
06446 703344 703344 /DBR
06447 626442 JMP* DBRXXX
/LEAVE THE LINK ALONE
06450 000000 RESTORE 0
06451 707742 707742 /RESTORE (RES)
06452 626450 JMP* RESTORE /EXIT
/
/ALTER PC WORD SET LINK
06453 000000 XRESTORE 0
06454 206453 LAC XRESTORE /FETCH PC WORD
06455 346515 TAD K400K /SET LINK PC BIT
06456 046453 DAC XRESTORE /STORE PC WORD
06457 707742 707742
06460 626453 JMP* XRESTORE /EXIT
/
/ALTER PC WORD ZERO LINK
06461 000000 XXRESTORE 0
06462 206461 LAC XXRESTORE /FETCH PC WORD
06463 506555 AND M400K /MASK OUT LINK BIT IN PC WORD
06464 046461 DAC XXRESTORE /STORE PC WORD
06465 707742 707742

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06466 626461      JMP* XXRESTORE /EXIT
                /
                /ALTER PROCESSOR MODE OF PC WORD 15 MODE
                /
06467 200000      MRESTORE
06470 206467      LAC MRESTORE /FETCH PC WORD
06471 506556      AND M200K /RESET BIT 1
06472 046467      DAC MRESTORE /STORE PC WORD
06473 707742      707742
06474 626467      JMP* MRESTORE /EXIT
                /
                /ALTER PC WORD CHANGE FROM 15 TO 9 MODE
                /
06475 000000      MMRESTORE
06476 206475      LAC MMRESTORE /FETCH PC WORD
06477 346516      TAD K200K /SET BIT 1
06500 046475      DAC MMRESTORE /STORE PC WORD
06501 707742      707742
06502 626475      JMP* MMRESTORE /EXIT
                /
                /ALTER PROCESSOR MODE AND PLAY WITH LINK
                /
06503 000000      XXMRET 0
06504 740002      CML /SET LINK
06505 206503      LAC XXMRET /FETCH PC WORD
06506 346516      TAD K200K /SET BIT 1
06507 046503      DAC XXMRET /STORE PC WORD
06510 707742      707742
06511 740002      CML /LINK=0
06512 740002      CML /LINK=1
06513 626503      JMP* XXMRET /EXIT

/PDP-15 END TAPE PART 2
/CONSTANTS
740000 NOP1=NOP
740000 NOP2=NOP
740000 NOP3=NOP
740040 HALT=HLT
06514 000000 K0 0
06515 400000 K400K 400000
06516 200000 K200K 200000
06517 100000 K100K 100000
06520 040000 K40K 40000
06521 020000 K20K 20000
06522 010000 K10K 10000
06523 004000 K4K 4000
06524 002000 K2K 2000
06525 001000 K1K 1000
06526 000400 K400 400
06527 000200 K200 200
06530 000100 K100 100
06531 000040 K40 40
06532 014000 K14K 14000
06533 012000 K12K 12000
06534 011000 K11K 11000
06535 010400 K10400 10400

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06536	110220	K10200	10200
06537	110100	K10100	10100
06540	110040	K10040	10040
06541	100020	K20	20
06542	000010	K10	10
06543	000004	K4	4
06544	000002	K2	2
06545	000001	K1	1
06546	111111	K1S	111111
06547	222222	K2S	222222
06550	333333	K3S	333333
06551	444444	K4S	444444
06552	555555	K5S	555555
06553	666666	K6S	666666
06554	777777	K7S	777777
06555	377777	M400K	377777
06556	577777	M200K	577777
06557	677777	M100K	677777
06560	737777	M40K	737777
06561	757777	M20K	757777
06562	767777	M10K	767777
06563	773777	M4K	773777
06564	775777	M2K	775777
06565	776777	M1K	776777
06566	777377	M400	777377
06567	777577	M200	777577
06570	777677	M100	777677
06571	777737	M40	777737
06572	777757	M20	777757
06573	777767	M10	777767
06574	777773	M4	777773
06575	777775	M2	777775
06576	777776	M1	777776
06577	377776	M400KM	377776
06600	577776	M200KM	577776
06601	677776	M100KM	677776
06602	737776	M40KM	737776
06603	757776	M20KM	757776
06604	600000	Z600K	600000
06605	773776	M4KM	773776
06606	005252	K5252	5252
06607	002525	K2525	2525
06610	214001	Z24001	214001
06611	210001	Z2001	210001
06612	777376	M400M	777376
06613	777576	M200M	777576
06614	777676	M100M	777676
06615	777736	M40M	777736
06616	777756	M20M	777756
06617	215253	Z21525	215253
06620	777772	M4M	777772
06621	777774	M2M	777774
06622	777775	M1M	777775
06623	000003	K3	3
06624	000007	K7	7

06625	020017	K17	17
06626	000037	K37	37
06627	000077	K77	77
06630	000177	K177	177
06631	000377	K377	377
06632	000777	K777	777
06633	001777	K1777	1777
06634	003777	K3777	3777
06635	007777	K7777	7777
06636	017777	K17777	17777
06637	037777	K37777	37777
06640	077777	K77777	77777
06641	177777	M600K	177777
06642	777774	M3	777774
06643	777770	M7	777770
06644	777760	M17	777760
06645	777740	M37	777740
06646	777700	M77	777700
06647	777600	M177	777600
06650	777400	M377	777400
06651	777000	M777	777000
06652	776000	M1777	776000
06653	774000	M3777	774000
06654	770000	M7777	770000
06655	760000	M17777	760000
06656	740000	M37777	740000
06657	700000	M77777	700000
06660	600000	K600K	600000
06661	777000	K777K	777000
06662	000005	K5	5
06663	200011	K11	200011
06664	000021	K21	21
06665	010041	K10041	10041
06666	010101	K10101	10101
06667	010201	K10201	10201
06670	010401	K10401	10401
06671	011001	K11001	11001
06672	012001	K12001	12001
06673	014001	K14001	14001
06674	010001	K10001	10001
06675	740040	KHALT	740040
06676	217760	KCAL0	217760
06677	002021	K2021	2021
06700	002120	K2120	2120
06701	617760	KCALE	617760
06702	741000	KSKP	SKP
06703	750000	KCLA	CLA
06704	200011	Z20011	200011
06705	211001	Z21001	211001
06706	210401	Z20401	210401
06707	003715	KJS1	JS1+1
06710	003720	KJS2	JS2+1
06711	003722	KJS3	JS3+1
06712	203726	KJS4	JS4+200001
06713	015252	K15252	15252

/200000 SETS BANK MODE BIT

06714	015253	K15253	15253
06715	000012	K12	12
06716	700002	K7XX2	700002
06717	760002	K76X2	760002
06720	100002	K1XX2	100002
06721	604002	K6X42	604002
06722	344002	K344X2	344002
06723	700042	K7X42	700042
06724	014000	K14000	14000
06725	004000	K4000	4000
06726	016000	K16000	16000
06727	017400	K17400	17400
06730	017600	K17600	17600
06731	017577	K17577	17577
06732	017700	K17700	17700
06733	212001	Z22001	212001
06734	017677	K17677	17677
06735	017740	K17740	17740
06736	210041	Z20041	210041
06737	017760	K17760	17760
06740	200021	Z20021	200021
06741	017770	K17770	17770
06742	210201	Z20201	210201
06743	017767	K17767	17767
06744	200003	Z2003	200003
06745	200002	Z2002	200002
06746	200005	Z2005	200005
06747	210101	Z20101	210101
06750	013777	K13777	13777
06751	015777	K15777	15777
06752	016777	K16777	16777
06753	017377	K17377	17377
06754	017737	K17737	17737
06755	017757	K17757	17757
06756	017773	K17773	17773
06757	017774	K17774	17774
06760	017775	K17775	17775
06761	017776	K17776	17776
06762	017000	K17000	17000
06763	612526	K426	612526
06764	615253	K415	615253
06765	776377	K7763	776377
06766	200001	K2001	200001
		/HALT TABLE	
06767	000000	J0	0 /JMP 0 (E1305)
06770	000000	J1	0 /JMP 1 (E1306)
06771	000000	J2	0 /JMP 2 (E1307)
06772	000000	J4	0 /JMP 4 (E1308)
06773	000000	J10	0 /JMP 10 (E1309)
06774	000000	J20	0 /JMP 20 (E1310)
06775	000000	J40	0 /JMP 10040 (E1311)
06776	000000	J100	0 /JMP 10100 (E1312)
06777	000000	J200	0 /JMP 10200 (E1313)
07000	000000	J400	0 /JMP 10400 (E1314)
07001	000000	J1K	0 /JMP 11000 (E1315)

07002	000000	J2K	0	/JMP 12000 (E1316)
07003	000000	J4K	0	/JMP 14000 (E1317)
07004	000000	J10K	0	/JMP 10000 (E1318)
07005	000000	JM10K	0	/JMP 7777 (E1319)
07006	000000	JM4K	0	/JMP 13777 (E1320)
07007	607015		JMP	.+6
07010	607016		JMP	.+6
07011	607011		JMP	.+0
07012	607012		JMP	.+0
07013	607013		JMP	.+0
07014	607014		JMP	.+0
07015	000000		JMP	.+0
07016	000000	JM2K	0	/JMP 15777 (E1321)
07017	000000	JM1K	0	/JMP 16777 (E1322)
07020	000000	JM400	0	/JMP 17377 (E1323)
07021	000000	JM200	0	/JMP 17577 (E1324)
07022	000000	JM100	0	/JMP 17677 (E1325)
07023	000000	JM40	0	/JMP 17737 (E1326)
07024	000000	JM20	0	/JMP 17757 (E1327)
07025	000000	JM10	0	/JMP 17767 (E1328)
07026	000000	JM4	0	/JMP 17773 (E1329)
07027	000000	JM2	0	/JMP 17775 (E1330)
07030	000000	JM1	0	/JMP 17776 (E1331)
07031	000000	JM0	0	/JMP 17777 (E1332)
07032	000000	J12525	0	/JMP 12525 (E1333)
07033	000000	J15252	0	/JMP 15252 (E1334)
07034	000000	JC0	0	/JMP FROM 0 TO 17777; CODE=K7777 (E1335)
07035	000000	JC1	0	/JMP FROM 1 TO 17776; CODE=K1 (E1336)
07036	000000	JC2	0	/JMP FROM 2 TO 17775; CODE=K2 (E1337)
07037	000000	JC4	0	/JMP FROM 4 TO 17773; CODE=K4 (E1338)
07040	000000	JC10	0	/JMP FROM 10 TO 17767; CODE=K10 (E1339)
07041	000000	JC20	0	/JMP FROM 20 TO 17757; CODE=K20 (E1340)
07042	000000	JC40	0	/JMP FROM 40 TO 17737; CODE=K40 (E1341)
07043	000000	JC100	0	/JMP FROM 100 TO 17677; CODE=K100 (E1342)
07044	000000	JC200	0	/JMP FROM 200 TO 17577; CODE=K200 (E1343)
07045	000000	JC400	0	/JMP FROM 400 TO 17377; CODE=K400 (E1344)
07046	000000	JC1K	0	/JMP FROM 1K TO 16777; CODE=K1K (E1345)
07047	000000	JC2K	0	/JMP FROM 2K TO 15777; CODE=K2K (E1346)
07050	000000	JC4K	0	/JMP FROM 4K TO 13777; CODE=K4K (E1347)
07051	000000	JC10K	0	/JMP FROM 10K TO 7777; CODE=K10K (E1348)
07052	000000	JCM0	0	/JMP FROM 17777 TO 0; CODE=K777K (E1349)
07053	000000	JCM1	0	/JMP FROM 17776 TO 1; CODE=M1 (E1350)
07054	000000	JCM2	0	/JMP FROM 17775 TO 2; CODE=M2 (E1351)
07055	000000	JCM4	0	/JMP FROM 17773 TO 4; CODE=M4 (E1352)
07056	000000	JCM10	0	/JMP FROM 17767 TO 10; CODE=M10 (E1353)
07057	000000	JCM20	0	/JMP FROM 17757 TO 20; CODE=M20 (E1354)
07060	000000	JCM40	0	/JMP FROM 17737 TO 40; CODE=M40 (E1355)
07061	000000	JCM100	0	/JMP FROM 17677 TO 100; CODE=M100 (E1356)
07062	000000	JCM200	0	/JMP FROM 17577 TO 200; CODE=M200 (E1357)
07063	000000	JCM400	0	/JMP FROM 17377 TO 400; CODE=M400 (E1358)
07064	000000	JCM1K	0	/JMP FROM 16777 TO 1K; CODE=M1K (E1359)
07065	000000	JCM2K	0	/JMP FROM 15777 TO 2K; CODE=M2K (E1360)
07066	000000	JCM4K	0	/JMP FROM 13777 TO 4K; CODE=M4K (E1361)
07067	000000	JCM10K	0	/JMP FROM 7777 TO 10K; CODE=M10K (E1362)
07067	000000	CAL0	0	/CAL FROM 17757 EXT=0, L=0 (E1363)
07070	000000	CAL1	0	/CAL FROM 17757 L=1 (E1364)

/JMS ERROR TABLE

07071	000000	JSM0	0	/JMS FROM 0 TO 17775 (E1367)
07072	000000	JSM1	0	/JMS FROM 1 TO 17774 (E1369)
07073	000000	JSM2	0	/JMS FROM 2 TO 17773 (E1371)
07074	000000	JSM4	0	/JMS FROM 4 TO 17771 (E1373)
07075	000000	JSM10	0	/JMS FROM 10 TO 17765 (E1375)
07076	000000	JSM20	0	/JMS FROM 20 TO 17755 (E1377)
07077	000000	JSM40	0	/JMS FROM 10040 TO 17735 (E1379)
07100	000000	JSM100	0	/JMS FROM 10100 TO 17675 (E1381)
07101	000000	JSM200	0	/JMS FROM 10200 TO 17575 (E1383)
07102	000000	JSM400	0	/JMS FROM 10400 TO 17375 (E1385)
07103	000000	JSM1K	0	/JMS FROM 11000 TO 16775 (E1387)
07104	000000	JSM2K	0	/JMS FROM 12000 TO 15775 (E1389)
07105	000000	JSM4K	0	/JMS FROM 14000 TO 13775 (E1391)
07106	000000	JSM10K	0	/JMS FROM 10000 TO 17775 (E1393)
07107	000000	JS252	0	/JMS FROM 12525 TO 15252 (E1395)
07110	000000	JS525	0	/JMS FROM 15252 TO 12525 (E1397)
07111	000000	JSSS	0	/JMS SERIES (E1399)
07112	000000	XCT0	0	/XCT-JMS; FROM 0 XCT(17777) (E1421)
07113	000000	XCT1	0	/XCT-JMS; FROM 1 XCT(17776) (E1423)
07114	000000	XCT2	0	/XCT-JMS; FROM 2 XCT(17775) (E1425)
07115	000000	XCT4	0	/XCT-JMS; FROM 4 XCT(17773) (E1427)
07116	000000	XCT10	0	/XCT-JMS; FROM 10 XCT(17767) (E1429)
07117	000000	XCT20	0	/XCT-JMS; FROM 20 XCT(17757) (E1431)
07120	000000	XCT40	0	/XCT-JMS; FROM 10040 XCT(17737) (E1433)
07121	000000	XCT1C	0	/XCT-JMS; FROM 10100 XCT(17677) (E1435)
07122	000000	XCT2C	0	/XCT-JMS; FROM 10200 XCT(17577) (E1437)
07123	000000	XCT4C	0	/XCT-JMS; FROM 10400 XCT(17377) (E1439)
07124	000000	XCT1K	0	/XCT-JMS; FROM 11000 XCT(16777) (E1441)
07125	000000	XCT2K	0	/XCT-JMS; FROM 12000 XCT(15777) (E1443)
07126	000000	XCT4K	0	/XCT-JMS; FROM 14000 XCT(13777) (E1445)
07127	000000	XCT10K	0	/XCT-JMS; FROM 10000 XCT(7777) (E1447)
07130	000000	XCT125	0	/XCT-XCT; FROM 15252 XCT(12525) (E1449)

/JMS I ERROR TABLE

07131	000000	JMST1	0	/JMS I 1 (E1467)
07132	000000	JMST2	0	/JMS I 2 (E1469)
07133	000000	JMST4	0	/JMS I 4 (E1471)
07134	000000	JMST10	0	/JMS I 10010 (E1472A)
07135	000000	JMST20	0	/JMS I 20 (E1473)
07136	000000	JMST40	0	/JMS I 10040 (E1475)
07137	000000	JMST1C	0	/JMS I 10100 (E1477)
07140	000000	JMST2C	0	/JMS I 10200 (E1479)
07141	000000	JMST4C	0	/JMS I 10400 (E1481)
07142	000000	JMST1K	0	/JMS I 11000 (E1483)
07143	000000	JMST2K	0	/JMS I 12000 (E1485)
07144	000000	JMST4K	0	/JMS I 14000 (E1487)
07145	000000	JMST1X	0	/JMS I 10000 (E1489)

/AUTO-INDEX ERROR TABLE

07146	000000	AUTJMP	0	/JMP I 12 (AUTO-INDEX) (E1521)
07147	000000	AUTJMS	0	/JMP I 17 (AUTO-INDEX) (E1534)

/PI ERROR TABLE

07150	000000	ITAB	0	/700042 (ION) (E1548)
07151	000000	ITAB1	0	/700002 (ION, TLS, IOF) (E1553)
07152	000000	ITAB2	0	/760002 (ION, LAW, IOF) (E1555)
07153	000000	ITAB3	0	/100002 (ION, JMS, IOF) (E1558)

07154	020000	ITAB4	0	/604002 (ION, JMP1, IOT) (E1564)
07155	020000	ITAB5	0	/344002 (ION, TAD I 10, IOF) (E1565A)
07156	600022	JMP22	JMP 22	
07157	602115	RJ0	JMP RJMP0	
07160	602126	RJ1	JMP RJMP1	
07161	602137	RJ2	JMP RJMP2	
07162	602150	RJ3	JMP RJMP3	
07163	602161	RJ4	JMP RJMP4	
07164	602172	RJ5	JMP RJMP5	
07165	602203	RJ6	JMP RJMP6	
07166	602214	RJ7	JMP RJMP7	
07167	602225	RJ8	JMP RJMP8	
07170	602236	RJ9	JMP RJMP9	
07171	602247	RJ10	JMP RJMP10	
07172	602260	RJ11	JMP RJMP11	
07173	602271	RJ12	JMP RJMP12	
07174	602303	RJ13	JMP RJMP13	
07175	602314	RJ14	JMP RJMP14	
07176	602325	RJ15	JMP RJMP15	
07177	602336	RJ16	JMP RJMP16	
07200	602347	RJ17	JMP RJMP17	
07201	602360	RJ18	JMP RJMP18	
07202	602371	RJ19	JMP RJMP19	
07203	602403	RJ20	JMP RJMP20	
07204	602414	RJ21	JMP RJMP21	
07205	602425	RJ22	JMP RJMP22	
07206	602436	RJ23	JMP RJMP23	
07207	602447	RJ24	JMP RJMP24	
07210	602460	RJ25	JMP RJMP25	
07211	602471	RJ26	JMP RJMP26	
07212	602502	RJ27	JMP RJMP27	
07213	602513	RJ28	JMP RJMP28	
07214	602530	RJ29	JMP RJMP29	
07215	602544	RJ0C	JMP RJC0	
07216	617777	RJ0CX	JMP 17777	
07217	602560	RJ1C	JMP RJC1	
07220	617776	RJ1CX	JMP 17776	
07221	602574	RJ2C	JMP RJC2	
07222	617775	RJ2CX	JMP 17775	
07223	602610	RJ3C	JMP RJC3	
07224	617773	RJ3CX	JMP 17773	
07225	602624	RJ4C	JMP RJC4	
07226	617767	RJ4CX	JMP 17767	
07227	602640	RJ5C	JMP RJC5	
07230	617757	RJ5CX	JMP 17757	
07231	602654	RJ6C	JMP RJC6	
07232	617737	RJ6CX	JMP 17737	
07233	602670	RJ7C	JMP RJC7	
07234	617677	RJ7CX	JMP 17677	
07235	602704	RJ8C	JMP RJC8	
07236	617577	RJ8CX	JMP 17577	
07237	602720	RJ9C	JMP RJC9	
07240	617377	RJ9CX	JMP 17377	
07241	602734	RJ10C	JMP RJC10	
07242	616777	RJ10CX	JMP 16777	

07243	602752	RJ11C	JMP	RJC11
07244	615777	RJ11CX	JMP	15777
07245	602764	RJ12C	JMP	RJC12
07246	613777	RJ12CX	JMP	13777
07247	603020	RJ13C	JMP	RJC13
07250	607777	RJ13CX	JMP	7777
07251	603014	RJ14C	JMP	RJC14
07252	600000	RJ14CX	JMP	0
07253	603030	RJ15C	JMP	RJC15
07254	600001	RJ15CX	JMP	1
07255	603044	RJ16C	JMP	RJC16
07256	600002	RJ16CX	JMP	2
07257	603060	RJ17C	JMP	RJC17
07260	600004	RJ17CX	JMP	4
07261	603074	RJ18C	JMP	RJC18
07262	600010	RJ18CX	JMP	10
07263	603110	RJ19C	JMP	RJC19
07264	600020	RJ19CX	JMP	20
07265	603124	RJ20C	JMP	RJC20
07266	610040	RJ20CX	JMP	10040
07267	603140	RJ21C	JMP	RJC21
07270	610100	RJ21CX	JMP	10100
07271	603154	RJ22C	JMP	RJC22
07272	610200	RJ22CX	JMP	10200
07273	603170	RJ23C	JMP	RJC23
07274	610400	RJ23CX	JMP	10400
07275	603204	RJ24C	JMP	RJC24
07276	611000	RJ24CX	JMP	11000
07277	603220	RJ25C	JMP	RJC25
07300	612000	RJ25CX	JMP	12000
07301	603234	RJ26C	JMP	RJC26
07302	614000	RJ26CX	JMP	14000
07303	603250	RJ27C	JMP	RJC27
07304	610000	RJ27CX	JMP	10000
07305	603323	RJSM0	JMP	RJMS0
07306	117775	RSM0	JMS	17775
07307	603344	RJSM1	JMP	RJMS1
07310	117774	RSM1	JMS	17774
07311	603364	RJSM2	JMP	RJMS2
07312	117773	RSM2	JMS	17773
07313	603404	RJSM3	JMP	RJMS3
07314	117771	RSM3	JMS	17771
07315	603424	RJSM4	JMP	RJMS4
07316	117765	RSM4	JMS	17765
07317	603444	RJSM5	JMP	RJMS5
07320	117755	RSM5	JMS	17755
07321	603464	RJSM6	JMP	RJMS6
07322	117735	RSM6	JMS	17735
07323	603504	RJSM7	JMP	RJMS7
07324	117675	RSM7	JMS	17675
07325	603524	RJSM8	JMP	RJMS8
07326	117575	RSM8	JMS	17575
07327	603544	RJSM9	JMP	RJMS9
07330	117375	RSM9	JMS	17375
07331	603564	RJSM10	JMP	RJMS10

07332	116775	RSM10	JMS 16775	
07333	603604	RJSM11	JMP RJMS11	
07334	115775	RSM11	JMS 15775	
07335	603624	RJSM12	JMP RJMS12	
07336	113775	RSM12	JMS 13775	
07337	603644	RJSM13	JMP RJMS13	
07340	117775	RSM13	JMS 17775	
07341	603664	RJSM25	JMP RJMS14	
07342	115252	RSM25	JMS 15252	
07343	603704	RJSM52	JMP RJMS15	
07344	112525	RSM52	JMS 12525	
07345	603265	RCAL0	JMP RCALS0	
07346	603303	RCAL1	JMP RCALS1	
07347	417777	XCT0S	XCT 17777	
07350	100000	XCTR0	JMS 0	/STORED AT 0
07351	604073	XCTR0R	JMP RXCT0	/RJMP TO TEST
07352	417776	XCT1S	XCT 17776	/STORED AT 1
07353	100001	XCTR1	JMS 1	/STORED AT 17776
07354	604113	XCTR1R	JMP RXCT1	/RJMP TO TEST
07355	417775	XCT2S	XCT 17775	/STORED AT 2
07356	100002	XCTR2	JMS 2	/STORED AT 17775
07357	604133	XCTR2R	JMP RXCT2	/RJMP TO TEST
07360	417773	XCT4S	XCT 17773	/STORED AT 4
07361	100004	XCTR4	JMS 4	/STORED AT 17773
07362	604153	XCTR3R	JMP RXCT3	/RJMP TO TEST
07363	417767	XCT10S	XCT 17767	/STORED AT 10
07364	100010	XCTR10	JMS 10	/STORED AT 17767
07365	604173	XCT4R	JMP RXCT4	/RJMP TO TEST
07366	417757	XCT20S	XCT 17757	/STORED AT 20
07367	100020	XCTR20	JMS 20	/STORED AT 17757
07370	604213	XCTR5R	JMP RXCT5	/RJMP TO TEST
07371	417737	XCT40S	XCT 17737	/STORED AT 10040
07372	110040	XCTR40	JMS 10040	/STORED AT 17737
07373	604233	XCT6R	JMP RXCT6	/RJMP TO TEST
07374	417677	XCT1CS	XCT 17677	/STORED AT 10100
07375	110100	XCTR1C	JMS 10100	/STORED AT 17677
07376	604253	XCT7R	JMP RXCT7	/RJMP TO TEST
07377	417577	XCT2CS	XCT 17577	/STORED AT 10200
07400	110200	XCTR2C	JMS 10200	/STORED AT 17577
07401	604273	XCTR8R	JMP RXCT8	/RJMP TO TEST
07402	417377	XCT4CS	XCT 17377	/STORED AT 10400
07403	110400	XCTR4C	JMS 10400	/STORED AT 17377
07404	604313	XCT9R	JMP RXCT9	/RJMP TO TEST
07405	416777	XCT1KS	XCT 16777	/STORED AT 11000
07406	111000	XCTR1K	JMS 11000	/STORED AT 16777
07407	607415	JMP	,+6	
07410	607416	JMP	,+6	
07411	607411	JMP	,+0	/ADDRESS MODIFIED BY PROGRAM
07412	607412	JMP	,+0	/ADDRESS MODIFIED BY PROGRAM
07413	607413	JMP	,+0	/ADDRESS MODIFIED BY PROGRAM
07414	607414	JMP	,+0	/ADDRESS MODIFIED BY PROGRAM
07415	604333	XCT10R	JMP RXCT10	/RJMP TO TEST
07416	415777	XCT2KS	XCT 15777	/STORED AT 12000
07417	112000	XCTR2K	JMS 12000	/STORED AT 15777
07420	604353	XCT11R	JMP RXCT11	/RJMP TO TEST

07421	413000	XCT4KS	XCT 13777		
07422	114200	XCTR4K	JMS 14000	/STORED AT 14000	
07423	624373	XCT12R	JMP RXCT12	/STORED AT 13777	
07424	407777	XCT1XS	XCT 7777	/RJMP TO TEST	
07425	110000	XCTR1X	JMS 10000	/STORED AT 10000	
07426	624413	XCT13R	JMP RXCT13	/STORED AT 7777	
07427	412525	XCT12S	XCT 12525	/RJMP TO TEST	
07430	115252	XCTR12	JMS 15252	/STORED AT 15252	
07431	624433	XCT14R	JMP RXCT14	/STORED AT 12525	
07432	120001	JMSI1	JMS* 1	/RJMP TO TEST	
07433	120002	JMSI2	JMS* 2		
07434	120004	JMSI4	JMS* 4		
07435	130010	JMSI10	JMS* 10010		
07436	120020	JMSI20	JMS* 20		
07437	130040	JMSI40	JMS* 10040		
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07441	130200	JMSI20	JMS* 10200		
07442	130400	JMSI40	JMS* 10400		
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07444	132000	JMSI2K	JMS* 12000		
07445	134000	JMSI4K	JMS* 14000		
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07450	120017	JMSAUT	JMS* 17		
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07452	605754	IRET2	JMP IRET3		
07453	606006	IRET4	JMP E1551		
07454	606036	IRET6	JMP IRET7		
07455	606066	IRET8	JMP IRET9		
07456	606124	IRET10	JMP IRET11		
07457	606167	IRET12	JMP IRET13		
07460	606223	IRET14	JMP IRET15		
07461	606255	IRET16	JMP IRET17		
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07464	605057	RJMI3	JMP RJSI3		
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07474	605313	RJMI10	JMP RJSI10		
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07476	605343	RJMI12	JMP RJSI12		
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07500	206064	ISTOR2	IRET9+2+200000	/200000	SETS BANK MODE BIT
07501	206123	ISTOR3	E1559+200000	/200000	SETS BANK MODE BIT
07502	206166	ISTOR4	E1561+200000	/200000	SETS BANK MODE BIT
07503	206254	ISTOR5	IRET17-1+200000	/200000	SETS BANK MODE BIT
07504	057777	XCTDAC	DAC 17777	/200000	SETS BANK MODE BIT
07505	152525	XCTDZM	DZM 12525		
07506	457777	XCTISZ	ISZ 17777		
07507	346545	XCTTAD	TAD K1		

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07511	605641	AUTRET	JMP	AUTR
07512	740001	AUTCMA	CMA	
07513	000000	AUTRJM	0	
07514	000000	AURJMP	0	
07515	537776	ANDI	AND*	17776
07516	420015	LAWAUT	XCT*	15
07517	777777	LAWFUL	LAW	17777
07520	606101	ERIJMS	JMP	E1558
07521	000000	IIADR	0	
07522	000000	TCLK	0	
07523	777777	CNTX	777777	
07524	000007	BELL	0207	
07525	000000	AUTNOT	0	
07526	205010	RJSI1X	RJSI1=1+200000	/200000 SETS BANK MODE BIT
07527	206034	NOINX	NOIN+4+200000	/200000 SETS BANK MODE BIT
07530	200001	Z1	200001	
07531	200012	KZ12	200012	
	000000		.END	
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AUTCMA 07512
AUTJMP 07146
AUTJMS 07147
AUTNOT 07525
AUTR 05641
AUTRET 07511
AUTRJM 07513
BELL 07524
CAL0 07067
CAL1 07070
CLOCK 05714
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CLON 700044
CLSF 700001
CNTX 07523
DBRX 06431
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DBRXXX 06442
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ERIJMS 07520
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E1111 00242
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HANGER	05747
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JS2	03717
JS252	07107
JS3	03721
JS4	03725
JS525	07110
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J4	06772
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M177	06647
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TSF	700401
TCF	700402
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