

9B02A

DIAGNOSTIC MODE FEATURE TEST

A. UNIT TESTED

1. PURPOSE

TO SEE THAT B TIME CONTROL SWITCHES ON CE TEST PANEL ARE OPERATING.

2. METHOD

AFTER THE PROGRAM IS LOADED, THE 709 WILL HALT AT 30. AT THAT TIME

- A. TURN OFF ALL B CONTROL SWITCHES ON 709 CE TEST PANEL.
- B. PUT BUFFER INTO MANUAL. ANY ONE BUFFER.
- C. LOAD CONTROL WORD MANUALLY WORD COUNT 1, ADDRESS 450 LOAD DATA REGISTER MANUALLY WITH ALL ONES.
- E. MAKE SURE 709 IS IN AUTOMATIC.
- F. TURN ON CONTINUOUS READ IN SWITCH ON DSU CE PANEL. PUT DSU INTO MANUAL.
- G. PUT SENSE SWITCH 3 DOWN. AND THEN PRESS START ON 709 MF. THE 709 WILL TAKE OFF FROM 30. NO BITS SHOULD BE ENTERED FROM DSU. AN ERROR WILL CAUSE STOP IN 9DEPR AT 6517, OR 6545. IF THERE IS NO ERROR, STOP WILL OCCUR AT 124, AT THAT TIME.
- H. TURN ON SHARE SWITCH ON MF, CE PANEL, AND PRESS START. ERRORS WILL CAUSE STOP AS IN PARAGRAPH G ABOVE. IF THERE IS NO ERRORS. STOP WILL OCCUR AT 272. AT THE TIME.
- I. TURN SHARE SWITCH OFF, TURN INTERRUPT SWITCH -ON- ON MF CE PANEL AND PRESS START. ERRORS WILL CAUSE STOP AS IN PARAGRAPH G ABOVE. IF THERE IS NO ERROR. STOP WILL OCCUR AT 361, AT THAT TIME.
- J. TURN INTERRUPT SWITCH OFF, TURN END OP, SWITCH -ON- ON MF CE PANEL. ERRORS WILL CAUSE STOP AS IN PARAGRAPH G ABOVE. IF THERE IS NO ERROR, STOP WILL OCCUR AT 402, THIS IS THE END OF THE PROGRAM, PRESS START TO REPEAT ENTIRE TEST.

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REMEBER THAT THE B TIME CONTROL SWITCHES ON THE MF CE PANEL ARE NOT EFFECTIVE WHEN 709 IS IN MANUAL AND CONTINUOUS READ IN IS -ON- IN THE DSU. YOU MUST PUT 709 INTO MANUAL ATO FIND ERROR LOCATIONS ON ERROR STOP. AFTER YOU HAVBE DONE THIS AND WISH TO PROCEED ONCE MORE, YOU SHOULD TRANSFER TO THE BEGINNING OF THE APPROPRIATE TEST. THE BEGINNING ADDRESSES ARE,

30 - - - - ALL SWITCHES OFF  
124 - - - - SHARE SWITCH ONLY -ON-  
272 - - - - INTERRUPT SWITCH ONLY -ON-  
361 - - - - END OP SWITCH ONLY -ON-

B. AREA OF MACHINE REQUIRED

1. MAIN FRAME, DSU, CARD READER.
2. STORAGE LOCATIONS 30 THROUGH 450 FOR 9B02A, AND 6500 TO 6553 FOR 9DEPR.

C. PROGRAM CONTROL

1. DECK  
READY IN CARD READER  
9B02A 000 - 018

THIS DECK INCLUDES ONLY FIRST 2 CARDS, 9DEPR PRINT ROUTINE.-6500-6553.  
LOAD CARDS, FOLLOW INSTRUCTIONS GIVEN UNDER 2-METHOD, OF THIS WRITE UP.

2. SENSE SWITCH CONTROL AS PER 9DEPR, EXCEPT THAT SWITCH 3 MUST ALWAYS BE DOWN.

D. NORMAL STOPS

30 BEGINNING OF TEST  
124 START SHARE TEST  
272 START INTERRUPT TEST  
361 START END OP TEST  
402 END OF PROGRAM-PRESS START TO REPEAT ENTIRE TEST.

E. ERROR STOPS

65XX ERROR IN PROGRAM. XRC HAS  
65XX TWOS COMPLEMENT OF ERROR ADDRESS.

F. PRINT OUTS

NONE

\* 9B02A

\* DIAGNOSTIC MODE FEATURE TEST

00030 ORG 24

TEST B TIME CONTROL

00030 0000 00 0 00032 HTR B1 TURN OFF ALL SWITCHES  
ON CE TEST PANEL

\* TURN CONTINUOUS STORAGE READ IN SWITCH ON  
ON DSU CE PANEL

\* PUT ADDR K20 IN KEYS AND LOAD CNTL WORD

\* SET ONES IN KEYS AND LOAD DATA REGISTER

00031 214362606060 BCD 1ALS

00032 0600 00 0 00450 B1 STZ K20 SET STORAGE READ IN AREA  
TO ZEROS  
TEST PRI OPN 76- SHIFT OPN  
WITH SHARE INTERRUPT,  
AND END OPN SWITCHES  
OFF

00033 0760 00 0 00000 CLM

00034 0500 00 0 00405 CLA K1+2 L +1

00035 0767 00 0 00043 ALS 35 SHOULD NOT GO TO B  
TIME

00036 -0760 00 0 00001 PBT WAS ACC SHIFT EXECUTED  
PROPERLY

00037 0020 00 0 00041 TRA B2-4 NO-ERROR

00040 0020 00 0 00045 TRA B2 YES CHECK READ IN AREA  
OR WORD IF TRANSMITTED

00041 0074 00 4 06504 TSX ERROR, 4 ERROR SUBROUTINE

00042 0020 00 0 00045 TRA B2

00043 0020 00 0 00032 TRA B1

00044 0761 00 0 00000 NOP

00045 0500 00 0 00450 B2 CLA K20 READ IN AREA

00046 0100 00 0 00053 TZE B3 SHOULD BE ZEROS

00047 0074 00 4 06504 TSX ERROR, 4 POSSIBLE ERROR B CYCLE

00050 0020 00 0 00053 TRA B3 DEMAND

00051 0020 00 0 00032 TRA B1

00052 0761 00 0 00000 NOP

00053 0600 00 0 00450 B3 STZ K20 SET READ IN AREA TO

00054 0020 00 0 00056 TRA B4  
ZERO

TEST PRIMARY OPERATIONS  
20, 22 AND F. P. OPNS  
MULTIPLY DIVIDE AND F.P.  
INSTRUCTIONS WITH  
SHARE, INTERRUPT, AND END  
OPN SWITCHES OFF

00055	264746476260		BCD 1FPOPS	
00056	0500 00 0 00436	B4	CLA K21	CHAR 234 FRAC-600000000
00057	0300 00 0 00437		FAD K21+1	CHAR 233 FRAC 40000000000
00060	0400 00 0 00440		ADD K21+2	CHAR 234 FRAC 40000000000 ACC SHOULD BE ZERO AT THIS TIME
00061	0560 00 0 00441		LDQ K21+3	L +177777777777
00062	0400 00 0 00442		ADD K21+4	L -3400000
00063	0225 00 0 00443		VDP K21+5	L +7777777 MQ SHOULD CONTAIN ALL ONES
00064	0204 00 0 00443		VLM K21+5	VARIABLE MPY BY L +7000000
00065	0767 00 0 00001		ALS 1	LEFT SHIFT ONE
00066	0400 00 0 00443		ADD K21+5	L +70000000
00067	0100 00 0 00071		TZE B5-3	OK ACC SHOULD BE ZEROS CHECK READ IN AREA
00070	0074 00 4 06504		TSX ERROR, 4	EXECUTE ERROR OF
00071	0074 00 4 06511		TSX OK, 4	PRI OPNS ABOVE
00072	0020 00 0 00056		TRA B4	
00073	0761 00 0 00000		NOP	
00074	0500 00 0 00450	B5	CLA K20	READ IN AREA SHOULD BE ZERO
00075	0100 00 0 00077		TZE *+2	OK
00076	0074 00 4 06504		TSX ERROR, 4	POSSIBLE B DEMAND CYCLE
00077	0074 00 4 06511		TSX OK, 4	EXECUTED AS A RESULT
00100	0020 00 0 00056		TRA B4	OF THE ABOVE OPERATIONS AT B4 WITH SWITCHES OFF ON CE PANEL PERFORM CONVERT OPNS
00101	236551606060		BCD 1CVR	
00102	0500 00 0 00403	B6	CLA K1	L +010506100407
00103	0114 06 0 00406		CVR K2, 0, 6	CONVERT FROM ACC
00104	0402 00 0 00404		SUB K1+1	L 070302000401 ACC SHOULD BE ZERO HERE
00105	0560 00 0 00425		LDQ K15	L +010203040506  CONVERT FROM MQ FULL WORD CONVERSION
00106	-0154 06 0 00425		CRQ K15, 0, 6	
00107	0763 00 0 00043		LLS 35	
00110	0402 00 0 00434		SUB K16	L +212223242526
00111	0100 00 0 00113		TZE B7-3	OK
00112	0074 00 4 06504		TSX ERROR, 4	CONVERT OPERATIONS
00113	0074 00 4 06511		TSX OK, 4	IN ERROR
00114	0020 00 0 00102		TRA B6	
00115	0761 00 0 00000		NOP	
00116	0500 00 0 00450	B7	CLA K20	CHECK READ IN AREA
00117	0100 00 0 00124		TZE B8	OK-STORAGE DID NOT CHANGE NOT B CYCLE
00120	0074 00 4 06504		TSX ERROR, 4	
00121	0074 00 4 06511		TSX OK, 4	

00122	0020	00	0	00102		TRA B6	
00123	0761	00	0	00000		NOP	
00124	0000	00	0	00125	B8	HTR *+1	PUT SHARE SWITCH ON AND TEST B CYCLE DEMAND
00125	0600	00	0	00450		STZ K20	SET READ IN AREA TO
00126	0020	00	0	00130		TRA B9	ZEROS PERFORM A F.P OPERATION B DEMAND SHOULD SHARE IN THE ER TIME OF F.P. INSTRUCTION
00127	262124606060					BCD 1FAD	
00130	0500	00	0	00436	B9	CLA K21	CHAR 234 FRAC-60000000
00131	0300	00	0	00437		FAD K21+1	CHAR 233 FRAC 400000000
00132	0400	00	0	00440		ADD K21+2	CHAR 234 FRAC 400000000
00133	0100	00	0	00140		TZE *+5	OK
00134	0074	00	4	06504		TSX ERROR,4	F.P ADD ERROR
00135	0020	00	0	00146		TRA B10	WHEN I/O SERVICING IS
00136	0020	00	0	00130		TRA B9	REQUIRED GO TO CHECK
00137	0761	00	0	00000		NOP	WORD- IF ANY- TRANSMITTED TO STOR FROM DSU
00140	0500	00	0	00450		CLA K20	TRANSMITTED AREA
00141	0100	00	0	00143		TZE *+2	SHOULD NOT TRANSFER ON ZERO
00142	0020	00	0	00146		TRA B10	ZERO
00143	0074	00	4	06504		TSX ERROR,4	FAILED TO EXECUTE I/O
00144	0020	00	0	00156		TRA B11	SERVICING-NO B CYCLE
00145	0020	00	0	00130		TRA B9	DEMAND RECOGNIZED OR WORD TRANSMITTED TO WRONG LOCATION IN STOR
00146	0560	00	0	00444	B10	LDQ K21+6	L ALL ONES
00147	0340	00	0	00444		CAS K21+6	
00150	0020	00	0	00152		TRA B11-4	ERROR
00151	0020	00	0	00153		TRA B11-3	OK
00152	0074	00	4	06500		TSX ERROR-4,4	WORD TRANSMITTED TO
00153	0074	00	4	06511		TSX OK,4	STOR INCORRECTLY DURING
00154	0020	00	0	00130		TRA B9	B DEMAND SHARE OPERATION
00155	432743606060					BCD 1LGL	
00156	0600	00	0	00450	B11	STZ K20	SET TRANSMIT AREA TO ZEROS EXECUTE A SHIFT OPER AND TEST B TIME CONTROL
00157	-0763	00	0	00000		LGL	
00160	0560	00	0	00405		LDQ K1+2	L +1
00161	-0763	00	0	00107		LGL 71	
00162	-0760	00	0	00001		PBT	A BIT SHOULD BE IN P POS
00163	0020	00	0	00165		TRA B12	ERROR
00164	0020	00	0	00171		TRA B13	OK CHECK TRANSMIT AREA DID B CYCLE OCCUR PROPERLY
00165	0074	00	4	06504	B12	TSX ERROR,4	ERROR IN LOGICAL LEFT

00166	0020	00	0	00171		TRA B13	SHIFTING
00167	0020	00	0	00156		TRA B11	
00170	0761	00	0	00000		NOP	
00171	0520	00	0	00450	B13	ZET K20	STORAGE SHOULD NOT BE
00172	0020	00	0	00200		TRA B14	ZERO-OK
00173	0074	00	4	06504		TSX ERROR,4	
00174	0074	00	4	06511		TSX OK,4	
00175	0020	00	0	00156		TRA B11	
00176	0761	00	0	00000		NOP	
00177	0020	00	0	00211		TRA B15	CONT TEST
00200	0500	00	0	00450	B14	CLA K20	TRANSMIT WORD
00201	0560	00	0	00444		LDQ K21+6	ALL ONES
00202	0340	00	0	00444		CAS K21+6	
00203	0020	00	0	00205		TRA B15-4	I/O SERVICING ERROR
00204	0020	00	0	00206		TRA B15-3	OK
							B DEMAND ERROR
00205	0074	00	4	06500		TSX ERROR-4,4	WORD TRANMITTED
00206	0074	00	4	06511		TSX OK,4	INCORRECTLY
00207	0020	00	0	00156		TRA B11	
00210	444770606060					BCD 1MPY	
00211	0600	00	0	00450	B15	STZ K20	SET TRANSMIT AREA WORD
							TO ZERO
							PERFORM A MULTIPLY OPN
00212	0560	00	0	00445		LDQ K22	L +377777777777
00213	0200	00	0	00445		MPY K22	L +377777777777
00214	0400	00	0	00446		ADD K22+1	L +1
00215	0140	00	0	00216		TOV *+1	RESET ACC OVERFLOW TER
00216	0400	00	0	00446		ADD K22+1	L +1 RIPPLE ACC CONTENTS
00217	-0140	00	0	00225		TNO B17-4	SHOULD NOT TRANSFER
							ACC OVFW SHOULD BE ON
00220	-0600	00	0	00447		STQ K22+2	
00221	0500	00	0	00447		CLA K22+2	MQ CONTENTS
00222	0402	00	0	00446		SUB K22+1	L +1
00223	0100	00	0	00231		TZE B17	
00224	0074	00	4	06504		TSX ERROR,4	MULTIPLY ERROR
00225	0074	00	4	06511		TSX OK,4	
00226	0020	00	0	00211		TRA B15	
00227	0	00000	0	00000			DID MEMORY SHARE
00230	0761	00	0	00000		NOP	
00231	0500	00	0	00450	B17	CLA K20	IN I/O SERVICING
00232	0100	00	0	00240		TZE B18-3	ERROR - FAILED TO
							TRANSMIT TO STORAGE
00233	0560	00	0	00444		LDQ K21+6	ALL ONES
00234	0340	00	0	00444		CAS K21+6	LOC OF ALL ONES
00235	0020	00	0	00237		TRA B18-4	ERROR
00236	0020	00	0	00240		TRA B18-3	
00237	0074	00	4	06500		TSX ERROR-4,4	B-CYCLE DEMAND ERROR
00240	0074	00	4	06511		TSX OK,4	WHEN PERFORMING A MPY
00241	0020	00	0	00211		TRA B15	OPN
							TEST SHARE INTERRUPT

00242	652447606060		BCD 1VDP	IN VARIABLE LENGTH DIV.
00243	0500 00 0 00442	B18	CLA K21+4	L -3400000
00244	0560 00 0 00441		LDQ K21+3	L +177777777777
00245	0225 00 0 00443		VDP K21+5	L +700000
00246	-0600 00 0 00447		STQ K22+2	
00247	0500 00 0 00447		CLA K22+2	
00250	0560 00 0 00441		LDQ K21+3	L ALL ONES
00251	0340 00 0 00441		CAS K21+3	
00252	0020 00 0 00254		TRA B19-4	VARIABLE LENGTH DIV-ERR
00253	0020 00 0 00260		TRA B19	OK-CHECK I/O SERVICING
00254	0074 00 4 06504		TSX ERROR, 4	VDP ERROR
00255	0074 00 4 06511		TSX OK, 4	
00256	0020 00 0 00243		TRA B18	
00257	0761 00 0 00000		NOP	
00260	0500 00 0 00450	B19	CLA K20	WAS WORD TRANSMITTED
00261	0100 00 0 00266		TZE *+5	TO STORAGE-NO YES
00262	0560 00 0 00444		LDQ K21+6	L ALL ONES
00263	0340 00 0 00444		CAS K21+6	
00264	0020 00 0 00266		TRA B20-4	ERROR
00265	0020 00 0 00267		TRA B20-3	OK
00266	0074 00 4 06500		TSX ERROR-4, 4	B CYCLE DEMAND ERROR
00267	0074 00 4 06511		TSX OK, 4	PERFORMING VARIABLE
00270	0020 00 0 00243		TRA B18	LENGTH DIVIDE OPN
00271	0761 00 0 00000		NOP	
00272	0000 00 0 00274	B20	HTR B21	PUT SHARE SWITCH OFF AND INTERRUPT SWITCH ON
00273	236551606060		BCD 1CVR	TEST CONVERT INSTRUCTION CONVERT FROM ACC DSU SHOULD CAPTURE A CYCLE AND EXECUTE I/O SERVICING
00274	0600 00 0 00450	B21	STZ K20	SET TRANSMIT AREA TO ZEROS
00275	0500 00 0 00403		CLA K1	L +010506100407
00276	0114 06 0 00406		CVR K2, 0, 6	CONVERT FROM ACC DID CONVERT FROM ACC OCCUR PROPERLY
00277	0560 00 0 00404	B22	LDQ K1+1	
00300	0340 00 0 00404		CAS K1+1	L +070302000401
00301	0020 00 0 00303		TRA B23-4	NO-ERROR
00302	0020 00 0 00304		TRA B23-3	OK-CHECK STORAGE AREA
00303	0074 00 4 06504		TSX ERROR, 4	ERROR-CONVERT FROM ACC
00304	0074 00 4 06511		TSX OK, 4	WITH INTERRUPT SW DOWN
00305	0020 00 0 00274		TRA B21	
00306	0761 00 0 00000		NOP	
00307	0520 00 0 00450	B23	ZET K20	ARE THERE ANY BITS IN

00310	0020	00	0	00315		TRA B24	STORAGE AREA-YES NO-
00311	0074	00	4	06504		TSX ERROR,4	ERROR-I/O SERVICING
00312	0020	00	0	00326		TRA B25	
00313	0020	00	0	00274		TRA B21	
00314	0020	00	0	00326		TRA B25	
00315	0500	00	0	00444	B24	CLA K21+6	ALL ONES
00316	0560	00	0	00450		LDQ K20	STORAGE AREA
00317	0340	00	0	00450		CAS K20	
00320	0020	00	0	00322		TRA B25-4	ERROR WORD TERNSMITTED
00321	0020	00	0	00323		TRA B25-3	OK
00322	0074	00	4	06500		TSX ERROR-4,4	B CYCLE INTERRUPT
00323	0074	00	4	06511		TSX OK,4	OCCURED-ERROR IN WORD
00324	0020	00	0	00274		TRA B21	TRANSMITTED
00325	235150606060					BCD 1CRQ	TEST CONVERT FROM MQ
00326	0760	00	0	00000	B25	CLM	WITH INTERRUPT SW ON
00327	0600	00	0	00450		STZ K20	SET STORAGE TO ZEROS
00330	0560	00	0	00425		LDQ K15	L +010203040506
00331	-0154	06	0	00425		CRQ K15,0,6	FULL WORD CONVERSION
							WAS CONVERT FROM MQ EXECUTED CORRECTLY
00332	-0500	00	0	00434		CAL K16	L +2123242526
00333	0340	00	0	00434		CAS K16	
00334	0020	00	0	00336		TRA B26-4	ERROR-CONVERT FROM MQ
00335	0020	00	0	00337		TRA B26-3	WITH INTERRUPT SW ON
00336	0074	00	4	06504		TSX ERROR,4	FAILED TO EXECUTE
00337	0074	00	4	06511		TSX OK,4	CONVERT FROM MQ
00340	0020	00	0	00326		TRA B25	
00341	0761	00	0	00000		NOP	
00342	0520	00	0	00450	B26	ZET K20	DID I/O SERVICING
00343	0020	00	0	00350		TRA B27	OCCUR-YES NO
00344	0074	00	4	06504		TSX ERROR,4	B CYCLE DEMAND ERROR
00345	0074	00	4	06511		TSX OK,4	
00346	0020	00	0	00326		TRA B25	
00347	0761	00	0	00000		NOP	
00350	0500	00	0	00450	B27	CLA K20	STORAGE AREA
00351	0560	00	0	00444		LDQ K21+6	ALL ONES
00352	0340	00	0	00444		CAS K21+6	STORAGE AREA
00353	0020	00	0	00355		TRA B28-4	ERROR
00354	0020	00	0	00356		TRA B28-3	OK
00355	0074	00	4	06500		TSX ERROR-4,4	POSSIBLE IO SERVICING
00356	0074	00	4	06511		TSX OK,4	ERROR WITH INTERRUPT
00357	0020	00	0	00326		TRA B25	SW ON
00360	0761	00	0	00000		NOP	
							TEST END OPN SW



00361	0000 00 0 00362	B28	HTR B29	PUT INTERRUPT SW OFF AND END OPN SW ON
00362	0600 00 0 00450	B29	STZ K20	SET STORAGE AREA TO ZEROS SHOULD GO TO B CYCLE DEMAND AT END OF E TIME
00363	0761 00 0 00000		NOP	
00364	0500 00 0 00450		CLA K20	STORAGE AREA
00365	-0100 00 0 00372		TNZ B30	
00366	0074 00 4 06504		TSX ERROR,4	I.O SERVICING ERROR
00367	0074 00 4 06511		TSX OK,4	WITH END OPN SW ON
00370	0020 00 0 00362		TRA B29	FAILED TO TRANSMIT WORD TO STORAGE
00371	0761 00 0 00000		NOP	
00372	0560 00 0 00444	B30	LDQ K21+6	ALL ONES
00373	0340 00 0 00444		CAS K21+6	
00374	0020 00 0 00376		TRA B31-4	ERROR
00375	0020 00 0 00377		TRA B31-3	OK
00376	0074 00 4 06500		TSX ERROR-4,4	TRANSMITTED WORD TO
00377	0074 00 4 06511		TSX OK,4	STORAGE INCORRECTLY
00400	0020 00 0 00362		TRA B29	DURING I/O SERVICING
00401	0761 00 0 00000		NOP	
00402	0000 00 0 00030	B31	HTR 24	REPEAT TEST
00403	+010506100407	K1	OCT 010506100407	
00404	+070302000401		OCT 070302000401	
00405	+0000000000001		OCT +1	
				CONVERT FIELD
00406	0 00000 0 00406	K2	PZE K2	8 K2
00407	0760 00 0 00406		PSE K2	7 K2
00410	0602 00 0 00406		SLW K2	6 K2
00411	0500 00 0 00406		CLA K2	5 K2
00412	0400 00 0 00406		ADD K2	4 K2
00413	0300 00 0 00406		FAD K2	3 K2
00414	0200 00 0 00406		MPY K2	2 K2
00415	0100 00 0 00406		TZE K2	1 K2
00416	0000 00 0 00406		HTR K2	0 K2
00417	+0000000000000	K10	OCT	
00420	+0000000000000		OCT	
00421	+0000000000000		OCT	
00422	0000 00 0 00000	K7	HTR	
00423	+0000000000000		OCT 0	
00424	0000 02 0 00417		HTR K10,0,2	
00425	+010203040506	K15	OCT 010203040506	
00426	2 10000 0 00425		TIX K15,0,4096 21	
00427	2 20000 0 00425		TIX K15,0,8192 22	
00430	2 30000 0 00425		TIX K15,0,12288 23	
00431	2 40000 0 00425		TIX K15,0,16384 24	
00432	2 50000 0 00425		TIX K15,0,20480 25	
00433	2 60000 0 00425		TIX K15,0,24576 26	
00434	+212223242526	K16	OCT 212223242526	
00435	+0000000000000		OCT	
00436	-2346000000000	K21	OCT -2346000000000	

00437	+233400000000		OCT	233400000000
00440	+234400000000		OCT	234400000000
00441	+177777777777		OCT	177777777777
00442	-000000340000		OCT	-340000
00443	+000000700000		OCT	+700000
00444	-377777777777		OCT	-377777777777 ALL ONES
00445	+377777777777	K22	OCT	377777777777
00446	+000000000001		OCT	+1
00447	+000000000000		OCT	
00450	+000000000000	K20	OCT	

06504	ERROR	EQU	3396
06511	OK	EQU	3401
00000		END	

EOF\*