

R0001 WE ARE DEEPLY INDEBTED TO THE ONE, THE ONLY, THE GREAT JOHN SHAW FOR THE FOLLOWING STRONG MAGIC....
R0003 JSOCTL

0004 SETLOC,2 SIZ PASS 1 B1

0005 MASKGRP,1 S,0 F,0

R0006 THE AGC PART OF PASS 1 CONTAINS THE FOLLOWING DATA:

R0007 MAXIMUM LEGAL NUMERIC OPERATION CODE, GREATEST ADDRESS OF A MEMORY LOCATION, DITTO +1, BLOCK (BANK) SIZE -1,
R0009 SHIFT AMOUNTS FOR CONVERTING A BLOCK NUMBER TO AN ADDRESS AND FOR STORING A NUMERIC OPERATION CODE, A TABLE
R0011 SHOWING WHICH LOCATIONS IN AGC ARE ERASABLE, FIXED, AND SPECIAL/NONEXISTENT, AND A TABLE OF SYMBOLIC OPERA-
R0013 TION CODES, EACH WITH EITHER CODED BINARY INFORMATION (INSTRUCTION CODES) OR AN ADDRESS (CLERICAL CODES).
R0015 IN AGC PASS 1, THIS TABLE IS LOCATED IN BANK 5.

R0016 CODING IS ALSO PROVIDED HERE TO TRANSLATE THE ADDRESS FIELD OF A POLISH OPERATOR CARD INTO AN INTERNAL CODE.

R0018 IN AGC, BANKS AND BLOCKS ARE THE SAME SIZE. BANK NOS. ARE BLOCK NOS. REDUCED BY 4. THUS 10000 BEGINS BANK 00.

R0020 QUANTITIES FILLED IN FOR REFERENCE BY GENERAL PASS 1.

0021	AG OP THRS SPEC		OP THRS			
0022	AG MAX NOP FXBIN		7			
0023	AG MAX LOC OCT		-167777			
0024	AG ADR LIM OCT		-170000			
0025	AG BLCK IS OCT		-1777			
0026	AG SHIFTS OCT		0000 0042 24			
0027	AG TYP TAB CAC		COUNT STA	2048	AGC MEMO	-
0028	AG SJ3 LOC EQUALS		AG TYP TAB			
00282	AG COJNSP EQUALS		AG TYP TAB			
0029	*AG SPCIAL TS		C,+1	OP FOUND	SEG TEST	
0030	SSL, ONE		N,X4	0	POLISH Q	C FIND OUT WHETHER IT'S A POLISH OP WORD.
0032	AG ELEFT P CAC		8309		AG ELEFTO	
0033	AG FLEFT P CAC		6165	2048	AG FLEFTO	-

0034 AGC MEMO OCT -1000 0057

0035 OCT -4000 3777

0036 OCT -2001 3777

0037 OCT -1001 7777

BANKS 02 AND 03 ACCESS FIXED-FIXED.

0039 OCT -2011 7777

0040 *SEG MEMO OCT -1016 7777

0041 DEC BB00 FFFF

0042 RESERVE 21

P0043 SPECIAL BANK, BLOCK, 2FCADR, AND 2(3)CADR CODE INTRODUCTIONS.

0044	AGC BANK	TS	C,+1	CH BL SIZE	BLOCK		SET UP TO INCREASE BANK NUMBER BY 4.
0046		TS	C,+3	CH BL SIZE	C,+1	C	ALSO RESTORE BLOCK ROUTINE.
00472		NA, B2B6	FIELD COD	ONES	C,+2	C	OMIT INCREASE FOR BLANK BANK.
0048		WA	LOC VALUE	BIT 36R	LOC VALJF	C	
0049		LA	LOC VALUE	MAX LOC	CH BL SIZE +2	S	

0050	AGC BLOCK	TS	C,-1	CH BL SIZE	BLOCK		SET UP TO DO BLOCK PROCEDURE NORMALLY.
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0052	AG 2FCADR	SWS, B22T32	N,SC,3	16,L	HEALTH		2FCADR IS A DOUBLE PRECISION ADR, CONST.
0054		OCT	-370				

0055	AG 2BCADR	SWS, B22T32	N,SC,1	16,L	HEALTH		2BCADR IS A DOUBLE PRECISION ADR, CONST.
0057		OCT	-374				
0058		TS, CD TYPE	(INSTR)	HEALTH	2 DECIMAL +1		

R0059 PASS 1 PROCESSING OF THE EBANK=, SBANK=, AND BNKSUM CODES.

0060	AGC EBANK	SWS, B22T32	N,SC,5	16,L	HEALTH		EBANK= ESTABLISHES AN E-BANK FOR PASS 2
0062		OCT	-740				CHECKING OF REFERENCES.

0064	AGC SBANK	SWS, B22T32	N,SC,3	16,L	HEALTH		SBANK= ESTABLISHES AN S-BANK FOR PASS 2
0066		OCT	-744				CHECKING OF REFERENCES.

0068	AGC BNKSM	SWS, B22T32	N,SC,1	16,L	HEALTH		BNKSUM FORMS TC SELF PAIRS AT BANK ENDS.
0070		OCT	-750				

0071		TS, CD TYPE	(NW INST)	HEALTH	ND SETLOC		MAYBE CUSS NON-BLANK LOC. FIELD, EXIT.
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00711	AG DNPTR	SM	HEALTH	N,SC,1	HEALTH		DNPTR IS A CA WITH A CONSTANT FLAG.
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00713		OCT	0000 0060 7				
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00714		TS	-	-	INSTRUCT		
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00716	AG DNCHAN	TS	Z,SC,6	Z,SH	SET AG MXR	C	DNCHAN IS AN ECADR WITH A 7 PREFIX.
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00718	L ECADR COD	SPEC			ECADR COD		
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0072	AG 6DNADR	TS	Z,SC,4	Z,SH	SET AG MXR	C	
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00722	AG 5DNADR	TS	Z,SC,3	Z,SH	SET AG MXR	C	
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00724	AG 4DNADR	TS	Z,SC,2	Z,SH	SET AG MXR	C	
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00726	AG 3DNADR	TS	Z,SC,1	Z,SH	SET AG MXR	C	
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00728	AG 2DNADR	TS	Z,SC	Z,SH	SET AG MXR	C	
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0073		WD	Z,SC	Z,SH	Z,SH		
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00732		MASKGRP,3	S,1	F,1			
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00734		SWS, B18T24M	Z,SH	27,L	HEALTH		NDNADR IS AN ECADR WITH AN N-1 PREFIX.
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00736		TX	P1 MASKS	-	Z,MXR		
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00738		TS	L ECADR COD	Z,X4	OP FOUND		
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P0074 FIELD AND SHIFT MASKS FOR THE AGC PART OF PASS 1.

00749	B,VMASKM	OCT	0
0075	B,C1T6M	OCT	7777 7777 7777
0076	B,ONE5M	OCT	7777 7777 7777 7777
0077	B,B18T24M	OCT	0000 0177
0078	B,B22T25M	OCT	0000 0007 4

0079	B,B25T31M	OCT	-7740 0000
0080	B,BIT31M	OCT	-40 0000
0081	B,B37348M	OCT	-4001
0082	B,C7T3M	OCT	-7777

R0084 CONSTANTS.

0086	OCT 1400	OCT	-1400
0088	AGC MKR	MASKBASE	S,1 F,1
0089	B33T38M	OCT	-176000
0090	B38T40M	OCT	-3400
0091	BLANK OP 2	OCT	-5720 0000
0092	STAR C7	ALF	*
0093	STAR C8	ALF	*

R0094 SPECIAL ROUTINE IN PASS 1 FOR AGC TO ALLOCATE LEFTOVER ERASED REGIONS TO ERASABLE BANKS.

0096	AG ELEFTO	LA	OCT 4000	LOC CTR	GOT ELEFP	IF LOC CTR IS IN FIXED, ORIG. PARAM OK.
0098		LA	OCT 1400	LOC CTR	C,+3	
0099		TS	C,+1	COMMON +2	GOT ELEFP	IF LOC CTR IN UNSWITCHED E, SO IS LEFTO.
0101		CAC		8229		
0102		SS	LOC CTR	B38T40M	C,+2	IF LOC CTR IS IN A BANK, SO IS LEFTOVER.
0104		TS	C,+1	COMMON +2	GOT ELEFP	
0105		CAC		8197		

R0106 SPECIAL ROUTINE IN PASS 1 FOR AGC TO ALLOCATE LEFTOVER INSTRUCTIONS AND CONSTANTS TO FIXED BANKS.

0108	AG FLEFTO	LA	LOC CTR	C7T8	FF OR ERAS	
0109		LA	ONES	LOC CTR	FF OR ERAS +1	IF BAD LOC CTR, ANYWHERE IN FIXED IS OK.
0111		SS	LOC CTR	B33T38M	C,+2	IF LOC CTR IS IN A BANK, SO IS LEFTOVER.
0113		TS	C,+1	COMMON +2	GOT FLEFP	
0114		CAC		6149		
0115	FF OR ERAS	LA	OCT 4000	LOC CTR	GOT FLEFP	IF FIXED FIXED, ORIG. PARAMETER WAS OK.
0117		TS	C,+1	COMMON +2	GOT FLEFP	IF ERASABLE, ANYWHERE IN FIXED IS OK.
0119		CAC		7061	2048	

R01191 *SPECIAL ROUTINE IN PASS 1 FOR AGC TO CHANGE FIXED MEMORY TO SPEC/NON IN A SEGMENT ASSEMBLY.

01192	*SEG TEST	EX	SWITCH	BIT 7	SEG TEST	
01194	*	LA	SEG TEST	ZERO	POST SPEC	EXIT IF NOT IN A SEGMENT ASSEMBLY.
01196	*	TN	SEG MEMO	2	AGC MEMO +2	CHANGE FIXED TO SPEC/NON AND EXIT.
01198	*	TS	-	-	POST SPEC	

P0120 SPECIAL ROUTINE IN PASS 1 FOR AGC TO RESPOND TO THE FINDING OF AN INSTRUCTION OPERATION CODE. IF
 R0122 THE CODE IS A BASIC INSTRUCTION OR AN ADDRESS CONSTANT, SETS 11 BITS INTO HEALTH AS USUAL, AND RETURNS TO THE
 R0124 GENERAL INSTRUCTION-PROCESSING PROCEDURE. IF THE CODE IS A POLISH OPERATOR, THE SEVEN-BIT EQUIVALENT IS PLACED
 R0126 IN BITS 18-24 OF HEALTH AND THE ADDRESS FIELD, WITH INDEXING ASTERISK (IF ANY) BLANKED OUT, IS INTERPRETED AS
 R0128 FOLLOWS: BLANK: OPERATOR 136 (INTERNAL CODES), ANY OTHER FORMAT BUT PURE SYMBOLIC: OPERATOR 137, SYMBOLIC: VALUE
 R0130 FROM TABLE OF INTERNAL CODES IF POLISH OPERATOR, OR OPERATOR 137 OTHERWISE.

0132		MASKGRP.1	S,0	F,0		
0133	POLISH Q	SWS, B22T32	N,X4	16,L	HEALTH	S SEND BITS AS USUAL IF NOT POLISH.
0135		MASKGRP.3	S,1	F,1		
0136		TS	AGC MXR	Z,MXR	C,+1	
0137		SWS, B18T24M	N,X4	21,L	HEALTH	SEND EQUIVALENT OF LEFT OPERATOR.
0139		SM	HEALTH	BLANK OP 2	HEALTH	PLANT POLISH BIT AND OPERATOR 136.
0141		TS	P1 MASKS	Z,MXR	DECODE ADR	C DECODE ADDRESS FIELD.
0143		LA	FIELD COD	ZERO	INSTRUCT	FAST EXIT FOR BLANK (VACUOUS) OPERATOR.
0145	SET AG MXR	TX	AGC MXR	-	Z,MXR	S
0146		NA	FIELD COD	BIT 1	POLE FAIL	BRANCH IF ADDRESS FIELD IS NOT SYMBOLIC.
0148		LA	FIELD COD +1	ZERO	SEEK STAR -1	BRANCH IF NO MODIFIER.
0150	POLE FAIL	TS, BIT31M	ONES	HEALTH	AG P1 EXIT	INDICATE FAILURE AND EXIT.
0152		NA, C7T8M	ADR WD	STAR C8	C,+2	BRANCH IF NO DETACHED ASTERISK.
0154		TS, C7T8M	BLANKS	ADR WD	POLE SEEK	BLANK OUT ASTERISK, LOOK UP CODE.
0156		NA, C7T8M	ADR WD	STAR C7	POLE FAIL	BRANCH IF OPERATOR SYMBOL TOO LONG.
0158		TS, C7T8M	BLANKS	ADR WD	POLE SEEK	BLANK OUT ASTERISK, LOOK UP CODE.
0160		NA, C7T8M	ADR WD	BLANKS	POLE FAIL +1	BRANCH IF MORE THAN SIX CHARACTERS.
0162	SEEK STAR	TS	N L CHAR 6	Z,X4	C,+2	REVERSE BASE FOR SET OF CHARACTER MASKS.
0164		NA, VMASKM	ADR WD	BLANKS	C,+2	SCAN TO LEFT UNTIL A CHARACTER IS FOUND.
0166		TS	N,X4,1	N,MXR	C,-1	
0167		NA, VMASKM	ADR WD	ASTRISKS	POLE SEEK	PROCEED WITH SEARCH IF NO ASTERISK.
0169		SS	BLANKS	N,MXR	ADR WD	BLANK OUT ATTACHED ASTERISK.
0171	POLE SEEK	TX	AG OP THRS	-	Z,X4	
0172		SWS, B22T25M	ADR WD	17	C,+1	
0173		SWE, ONESM	4,0	0	Z,X4	SELECT SECTION OF OP CODE LIST.
0175		TX	Z,SC,1	-	-	
0176		LA	N,X4,1	ZERO	POLE FAIL	BRANCH IF OP CODE NOT FOUND.
0178		NA, C1T6M	ADR WD	4,0	C,-1	SEARCH THROUGH SELECTED SUBLIST.
0180		NA, B37B48M	4,0	ONES	POLE FAIL	BRANCH IF FIND IS NOT A POLISH OPERATOR.
0182		SWS, B25T31M	N,X4	14,L	HEALTH	SEND INTERNAL CODE FOR 2ND OPERATOR.
0184	AG P1 EXIT	TS	P1 MASKS	Z,MXR	INSTRUCT	

P01841 SPECIAL PROCESSING FOR COUNT* CODE.

018415 MASKGRP S,0 F,0

01842	COUNT STA	NA, CHAR1	ADR WD	DOLLARS	ILL COUNT	C	ROUTINE NAME MUST BEGIN WITH 2 DOLLARS.
01843		NA, CHAR2	ADR WD	DOLLARS	ILL COUNT	C	
01844		LA	BIT 36R	LOC CTR	C,+2	C	
01845		TS	LOC CTR	COMMON	C,+2	C	REDUCE ADDRESS TO GET FIXED BANK NUMBER.
01846		WD	LOC CTR	BIT 36R	COMMON	C	
01847		SS	ZERO	CHAR2	ADR WD	C	
01848		SWS, ACO2	COMMON	22	ADR WD	C	
01849		SWS, CHAR1	COMMON	19	ADR WD	S	

R0185 OPERATION CODE THREADS AND TABLES FOR AGC, USED IN PASS 1. SPECIAL INTERNAL CODES FOR POLISH OPS.

01862 SETLOC,3 0 B5

01864 SETLOC,4 9 B5

0187	OP THRS	CAC	CODES 01	BAD CODE
0188		CAC	CODES 11	CODES 10
0189		CAC	CODES 21	CODES 20
0190		CAC	CODES 31	CODES 30
0191		CAC	CODES 41	BAD CODE
0192		CAC	CODES 51	CODES 50
0193		CAC	CODES 61	CODES 60
0194		CAC	CODES 71	CODES 70

R0196 AGC OPERATION CODE TABLES. PLEASE IGNORE THE BANK ERRORS.

0197	CODES 01	M,A,MA	A,SK	A,	B,7400
0198		M,A,DC	A,A	A,	B,5420
0199		M,A,DC	A,S	A,	B,6020
0200		M,A,DA	A,S	A,	B,5010
0201		M,A,DI	A,M	A,	B,5330
0202		M,A,DA	A,D	A,	B,4331
0203		M,A,DD	A,V	A,	B,4211
0204		M,A,DC	A,OM	A,P	B,5221
0205		M,A,DC	A,OM	A,	B,6206
0206		M,A,DD	A,OU	A,BL	B,5042
0207		M,A,DE	A,C	A,	DECIMAL
02071		M,A,4D	A,NA	A,DR	AG 4DNADR
0208		M,A,HE	A,AD	A,	HEAD TAIL
0209		M,A,ME	A,MO	A,RY	LATE MEM
0210	BAD CODE	OCT	0		

P02105 AGC OPERATION CODE TABLES CONTINUED. PLEASE IGNORE THE BANK ERRORS.

0211	CODES 11	M,A,DX	A,CH	A,	B,6510
0212		M,A,QX	A,CH	A,	B,5130
0213		M,A,MS	A,U	A,	B,5030
0214		M,A,DV	A,	A,	B,4430
0215		M,A,MS	A,K	A,	B,7400
0216		M,A,DS	A,U	A,	B,4311
0217		M,A,DS	A,Q	A,	B,5201
0218		M,A,MX	A,V	A,	B,4131
0219		M,A,DT	A,CB	A,	B,6456
0220		M,A,DT	A,CF	A,	B,6452
0221		OCT	0		
0223	CODES 10	M,A,MP	A,	A,	B,7420
0224		M,A,DM	A,P	A,	B,4351
0225		M,A,DM	A,PR	A,	B,4201
0226		M,A,DO	A,T	A,	B,4261
0227		M,A,UN	A,IT	A,	B,5241
0228		M,A,DL	A,OA	A,D	B,4061
0229		M,A,DO	A,UB	A,LE	B,7002
02291		M,A,MM	A,	A,	B,5740
02292		M,A,DN	A,CH	A,AN	AG DNCHAN
02293		M,A,DN	A,PT	A,R	AG DNPTR
0230		OCT	0		
0231	CODES 21	M,A,AD	A,	A,	B,7000
0232		M,A,AD	A,S	A,	B,5310
0233		M,A,AD	A,RE	A,S	B,4340
0234	ECADR COD	M,A,EC	A,AD	A,R	B,4360
0235		M,A,EB	A,AN	A,K=	AGC EBANK
0236		M,A,RE	A,MA	A,DR	B,4344
0237		M,A,VA	A,D	A,	B,4231
0238		M,A,AC	A,OS	A,	B,5171
0239		M,A,AB	A,S	A,	B,5251
0240		M,A,AB	A,VA	A,L	B,5331
0241		M,A,VD	A,EF	A,	B,5231
0242		M,A,VC	A,OM	A,P	B,5321
0243		M,A,RE	A,AD	A,	B,4034
0244		M,A,RA	A,ND	A,	B,4134
0245		M,A,RE	A,LI	A,NT	B,4016
02451		M,A,1D	A,NA	A,DR	B,4360
02452		M,A,5D	A,NA	A,DR	AG 5DNADR
0246		M,A,RE	A,SU	A,ME	B,6442
0247		M,A,RE	A,TU	A,RN	B,4012
0248 *		M,A,ED	A,RU	A,PT	B,4024
0249		M,A,ND	A,X	A,	B,6450
0250		OCT	0		
0251	CODES 20	M,A,	A,	A,	B,4754
0252		OCT	0		

P0253 AGC OPERATION CODE TABLES CONTINUED. PLEASE IGNORE THE BANK ERRORS.

0254	CODES 31	M,A,EX	A,TE	A,ND	B,4132
0255		M,A,AU	A,G	A,	B,5230
0256		M,A,AX	A,T,	A,1	B,4451
0257		M,A,AX	A,T,	A,2	B,4451
0258		M,A,AX	A,C,	A,1	B,4461
0259		M,A,AX	A,C,	A,2	B,4461
0260		M,A,VX	A,M	A,	B,4161
0261		M,A,VS	A,U	A,	B,4241
0262		M,A,VS	A,L	A,	B,4431
0263		M,A,VS	A,R	A,	B,4441
0264		M,A,VX	A,SC	A,	B,4031
0265		M,A,V/	A,SC	A,	B,4071
0266		M,A,VX	A,V	A,	B,4271
0267		M,A,RT	A,B	A,	B,4631
0268		M,A,VS	A,Q	A,	B,5261
0269		M,A,AS	A,IN	A,	B,5161
0270		M,A,EX	A,IT	A,	B,5121
0271		M,A,VS	A,L1	A,	B,5601
0272		M,A,VS	A,R1	A,	B,5611
0273		M,A,VS	A,L2	A,	B,5621
0274		M,A,VS	A,R2	A,	B,5631
0275		M,A,VS	A,L3	A,	B,5641
0276		M,A,VS	A,R3	A,	B,5651
0277		M,A,VS	A,L4	A,	B,5661
0278		M,A,VS	A,R4	A,	B,5671
0279		M,A,VS	A,L5	A,	B,5701
0280		M,A,VS	A,R5	A,	B,5711
0281		M,A,VS	A,L6	A,	B,5721
0282		M,A,VS	A,R6	A,	B,5731
0283		M,A,VS	A,L7	A,	B,5741
0284		M,A,VS	A,R7	A,	B,5751
0285		M,A,VS	A,L8	A,	B,5761
0286		M,A,VS	A,R8	A,	B,5771
0287		M,A,IT	A,A	A,	B,4661
0288		M,A,IT	A,CQ	A,	B,5301
0289		M,A,RX	A,OR	A,	B,4334
0290		M,A,NV	A,	A,	B,5744
0291		M,A,EV	A,EN	A,	EVEN
0292		M,A,IS	A,	A,	IS EQUALS
0293		M,A,RV	A,Q	A,	B,5301
0294		OCT	0		

P0295 AGC OPERATION CODE TABLES CONTINUED. PLEASE IGNORE THE BANK ERRORS.

0296	CODES 30	M,A,IN	A,DE	A,X	B,6450
0297		M,A,EQ	A,UA	A,LS	IS EQUALS
0298		M,A,ER	A,AS	A,E	ERASE
0299		M,A,IN	A,HI	A,NT	B,4022
0300		M,A,IN	A,CR	A,	B,5210
0301		M,A,VL	A,OA	A,D	B,4001
0302		M,A,VP	A,RO	A,J	B,4301
0303		M,A,IN	A,CR	A,,1	B,4531
0304		M,A,IN	A,CR	A,,2	B,4531
0305		M,A,NO	A,RM	A,	B,4171
0306		M,A,IN	A,V	A,	B,5011
0307		M,A,IN	A,VE	A,RT	B,5011
0308		M,A,IN	A,VG	A,O	B,4771
0309		M,A,RO	A,UN	A,D	B,5211
0310		M,A,AR	A,CS	A,IN	B,5161
0311		M,A,AR	A,CC	A,OS	B,5171
0312		M,A,ZL	A,	A,	B,5052
0313		M,A,ZQ	A,	A,	B,5252
0314		M,A,RO	A,R	A,	B,4234
0315		M,A,VN	A,	A,	B,5744
0316		M,A,NO	A,OP	A,	B,4402
0317		OCT	O		

P0318 AGC OPERATION CODE TABLES CONTINUED. PLEASE IGNORE THE BANK ERRORS.

0319	CODES 41	M,A,OC	A,T	A,	OCTAL
0320		M,A,2D	A,EC	A,	2DECIMAL
0321		M,A,SE	A,TL	A,OC	SETLOC
0322		M,A,BA	A,NK	A,	AGC BANK
0323		M,A,2B	A,CA	A,DR	AG 2BCADR
0324		M,A,2C	A,AD	A,R	AG 2BCADR
0325		M,A,2F	A,CA	A,DR	AG 2FCADR
0326		M,A,BB	A,CO	A,N	B,4364
0327		M,A,FC	A,AD	A,R	B,4350
0328		M,A,BD	A,SU	A,	B,4321
0329		M,A,BD	A,DV	A,	B,4221
0330		M,A,SI	A,GN	A,	B,4021
0331		M,A,SE	A,TP	A,D	B,4361
0332		M,A,SE	A,T	A,	B,4751
0333		M,A,SE	A,TG	A,O	B,4731
0334		M,A,BH	A,IZ	A,	B,4641
0335		M,A,SI	A,N	A,	B,5141
0336		M,A,SI	A,NE	A,	B,5141
0337		M,A,WA	A,ND	A,	B,4174
0338		M,A,OC	A,TA	A,L	OCTAL
03385		M,A,SB	A,AN	A,K=	AGC SBANK
03386		M,A,2D	A,NA	A,DR	AG 2DNADR
03387		M,A,6D	A,NA	A,DR	AG 6DNADR
03389 *		M,A,SE	A,GN	A,JM	LATE MEM
0339		OCT	0		

0340	CODES 51	M,A,SU	A,	A,	B,7030
0341		M,A,BZ	A,F	A,	B,4424
0342		M,A,BZ	A,MF	A,	B,7024
0343		M,A,BV	A,SU	A,	B,4251
0344		M,A,SS	A,P	A,	B,4111
0345		M,A,BZ	A,E	A,	B,4571
0346		M,A,ST	A,OR	A,E	B,4760
0347		M,A,ST	A,OD	A,L	B,4764
0348		M,A,ST	A,OV	A,L	B,4770
0349		M,A,ST	A,CA	A,LL	B,4774
0350		M,A,SX	A,A,	A,1	B,4511
0351		M,A,SX	A,A,	A,2	B,4511
0352		M,A,ST	A,AD	A,R	B,5271
0353		M,A,ST	A,Q	A,	B,4661
0354		M,A,SU	A,BR	A,O	SJBRO
0355		M,A,OV	A,SK	A,	B,6462
0356		OCT	0		

P0357 AGC OPERATION CODE TABLES CONTINUED. PLEASE IGNORE THE BANK ERRORS.

0358	CODES 50	M,A,WR	A,IT	A,E	B,4074
0359		M,A,BP	A,L	A,	B,4611
0360		M,A,BM	A,N	A,	B,4621
0361		M,A,BO	A,V	A,	B,4711
0362		M,A,BO	A,VB	A,	B,4701
0363		M,A,SQ	A,RT	A,	B,5131
0364		M,A,SL	A,OA	A,D	B,4101
0365		M,A,SL	A,C	A,	B,4171
0366		M,A,SL	A,	A,	B,4371
0367		M,A,SR	A,	A,	B,4401
0368		M,A,SL	A,R	A,	B,4411
0369		M,A,SR	A,R	A,	B,4421
0370		M,A,BO	A,NS	A,ET	B,4721
0371		M,A,BO	A,FS	A,ET	B,4741
0372		M,A,BO	A,NI	A,NV	B,4761
0373		M,A,BO	A,FI	A,NV	B,5001
0374		M,A,BO	A,NC	A,LR	B,5021
0375		M,A,BO	A,FC	A,LR	B,5041
0376		M,A,BO	A,N	A,	B,5061
0377		M,A,BO	A,F	A,	B,5101
0378		M,A,BO	A,FF	A,	B,5101
0379		M,A,SL	A,1R	A,	B,5401
0380		M,A,SR	A,1R	A,	B,5411
0381		M,A,SL	A,1	A,	B,5421
0382		M,A,SR	A,1	A,	B,5431
0383		M,A,SL	A,2R	A,	B,5441
0384		M,A,SR	A,2R	A,	B,5451
0385		M,A,SL	A,2	A,	B,5461
0386		M,A,SR	A,2	A,	B,5471
0387		M,A,SL	A,3R	A,	B,5501
0388		M,A,SR	A,3R	A,	B,5511
0389		M,A,SL	A,3	A,	B,5521
0390		M,A,SR	A,3	A,	B,5531
0391		M,A,SL	A,4R	A,	B,5541
0392		M,A,SR	A,4R	A,	B,5551
0393		M,A,SL	A,4	A,	B,5561
0394		M,A,SR	A,4	A,	B,5571
0395		M,A,WO	A,R	A,	B,4274
0396		M,A,BL	A,OC	A,K	AGC BLOCK
0397		M,A,BN	A,KS	A,JM	AGC BNKSM
0398		M,A,SQ	A,UA	A,RE	B,7602
0399		M,A,ZO	A,CT	A,	ZOCTAL
0400		M,A,ZO	A,CT	A,AL	ZOCTAL
0401		OCT	0		

P0402 AGC OPERATION CODE TABLES CONTINUED. PLEASE IGNORE THE BANK ERRORS.

0403	CODES 61	M,A,TC	A,F	A,	B,4404
0404		M,A,CA	A,	A,	B,5400
0405		M,A,XC	A,H	A,	B,6710
0406		M,A,CC	A,S	A,	B,4410
0407		M,A,CA	A,F	A,	B,5404
0408		M,A,TC	A,	A,	B,4000
0409		M,A,CA	A,E	A,	B,5410
0410		M,A,PD	A,DL	A,	B,4121
0411		M,A,PD	A,VL	A,	B,4141
0412		M,A,CA	A,LL	A,	B,4651
04121		M,A,CA	A,LR	A,B	B,5071
0413		M,A,XC	A,HX	A,,1	B,4521
0414		M,A,XC	A,HX	A,,2	B,4521
0415		M,A,XA	A,D,	A,1	B,4551
0416		M,A,XA	A,D,	A,2	B,4551
0417		M,A,TI	A,X,	A,1	B,4541
0418		M,A,TI	A,X,	A,2	B,4541
0419		M,A,TA	A,D	A,	B,4011
0420		M,A,CG	A,OT	A,0	B,4041
0421		M,A,CC	A,AL	A,L	B,4151
04211		M,A,CC	A,LR	A,B	B,5111
0422		M,A,TC	A,R	A,	B,4000
0423		M,A,TC	A,AA	A,	B,6466
0424		M,A,CA	A,DR	A,	B,4350
0425		M,A,GE	A,NA	A,DR	B,4354
04251		M,A,3D	A,NA	A,DR	AG 3DNADR
0426		M,A,TA	A,IL	A,	HEAD TAIL
0427		OCT	0		
0428	CODES 60	M,A,=	A,	A,	IS EQUALS
0429		M,A,P	A,	A,	B,4754
0430		OCT	0		

P0431 AGC OPERATION CODE TABLES CONCLUDED. PLEASE IGNORE THE BANK ERRORS.

0432	CODES 71	M,A,CS	A,	A,	B,6000
0433		M,A,TS	A,	A,	B,6610
0434		M,A,LX	A,CH	A,	B,5110
0435		M,A,LX	A,A,	A,1	B,4471
0436		M,A,LX	A,A,	A,2	B,4471
0437		M,A,LX	A,C,	A,1	B,4501
0438		M,A,LX	A,C,	A,2	B,4501
0439		M,A,PU	A,SH	A,	B,5311
0440		M,A,XS	A,U,	A,1	B,4561
0441		M,A,XS	A,U,	A,2	B,4561
0442		M,A,XX	A,AL	A,3	B,4002
0443		OCT	0		
0444	CODES 70	M,A,CO	A,M	A,	B,6002
0445		M,A,GO	A,TO	A,	B,4601
0446		M,A,GO	B,1563	A,0	B,4601
0447		M,A,CL	A,R	A,	B,5051
0448		M,A,CL	A,EA	A,R	B,5051
0449		M,A,CO	A,S	A,	B,5151
0450		M,A,CO	A,SI	A,NE	B,5151
0451		M,A,TL	A,OA	A,D	B,4051
0452		M,A,CL	A,RG	A,0	B,5031
0453		M,A,XL	A,Q	A,	B,4006
04535		M,A,CO	A,UN	A,T	COUNT
0454		M,A,LO	A,C	A,	SETLOC
04541		M,A,=P	A,LU	A,S	EQU PLUS
04542		M,A,=M	A,IN	A,JS	EQU MINJc
0455		OCT	0		