

## LIST OF PROGRAMS

DATE OF PUBLICATION		MARCH 10, 1965									TITLE
CATALOG	CO	DATE	PR0G	LANG.	ARITH	ARITH	PR0G	D0C			
NUMBER			FORMAI		MODE	PREC.	SIZE	PAGES			
910/920/925/930 PROGRAMS											
000001	SDS	7 SEP 62	PR0	H			24	5			BINARY INPUT - BOOTSTRAP
000002	SDS	7 SEP 62	PR0	H			8	2			ZERO MEMORY
000003	SDS	5 SEP 62	PR0	H			22	4			SELECTIVE MEMORY CLEAR - BOOTSTRAP
000004	SDS	6 SEP 62	PR0	H			30	5			BINARY VERIFY - BOOTSTRAP
000005	SDS	10 SEP 62	PR0	H			32	6			RELOCATING BINARY INPUT - BOOTSTRAP
000010	SDS	20 NOV 62	PR0	H			89	8			SELECTIVE HALT TRACE
000011	SDS	23 NOV 62	PR0	H			288	36			BASIC UTILITY PACKAGE IV
000012	SDS	27 NOV 62	PR0	H			133	14			BLOCK RELOCATION ROUTINE
000013	SDS	7 MAY 63	PR0	S	X	S	52	1			GENERAL RELOCATABLE BINARY LOADER
000014C	SDS	13 OCT 64	PR0	S			477	26			SDS 900 SERIES DEBUG
000015B	SDS	17 MAR 64	PR0	S			267	6			BINARY PAPER TAPE LISTER
000016	SDS	2 JUN 64	BPR0	S			70	7			FORTRAN SOURCE CARDS TO P.T. COPY ROUT.
000017B	SDS	19 NOV 64	PR0	M			962	35			MEDIA CONVERSION ROUTINE
000018B	SDS	8 JAN 65	E	S			251	7			BINARY DUMP, PAPER TAPE OR CARDS
000019	SDS	30 NOV 64	E	S			79	6			BINARY INPUT - REL. PAPER TAPE LOADER
004001B	SDS	6 FEB 64	SUB	H	X	S	192	14			MEMORY DIAGNOSTIC
004002	SDS	25 OCT 62	SUB	H	X	S	1928	29			INSTRUCTION DIAGNOSTIC
004003	SDS	13 OCT 62	SUB	H	X	S	72	5			PERIPHERAL DIAGNOSTIC
004004B	SDS	6 FEB 64	PR0	H	X	S	2000	50			EXAMINER DIAGNOSTIC SYSTEM
004006	SDS	22 JAN 64	PR0	S			146	17			PHOTO READER TEST PROGRAM
004007	SDS	18 MAR 64	E	S	X	S	176	7			RANDOM NUMBER MEMORY TESTER
012001	SDS	22 AUG 63	FSUB	S			291	10			FORTRAN RUN-TIME DEBUG SUBROUTINE
012002B	SDS	30 JUL 64	PR0	S			203	3			FORTRAN MAP ROUTINE
012003	SDS	12 NOV 63	FSUB	S	X	S	122	5			FORTRAN FREE INTERRUPTS SUBROUTINE
012004	SDS	13 JAN 64	E	S	X	S	3976	18			SEQ.NO.ASSMT + PAPER TAPE UPDATING ROUT.
020001	SDS	7 SEP 62	PR0	H			24	4			BINARY DUMP - BOOTSTRAP
020011	SDS	14 NOV 62	PR0	H			32	8			BINARY DUMP AND PUNCH RELOCATING BOOTSTP
020012	SDS	15 AUG 63	PR0	S			270	10			PAPER TAPE REPRODUCER PROGRAM
020013B	SDS	24 JUN 64	PR0G	F	X	-	4096	4			FORTRAN TAPE REPRODUCE AND UPDATE
020014	SDS	15 NOV 63	BPR0	S	X	S	0129	006			MEMORY TYPE-OUT, REDUNDANCY ELIMINATION
020015	SDS	10 DEC 63	PR0	S			27	3			BINARY TAPE DUMP W/WITHOUT CONTROL WORDS
020016B	SDS	30 JUL 64	PR0	S	F	S	4096	19			PROGRAMMED OPERATOR LIBRARY EDIT ROUTINE

020017B	SDS	14	AUG	64	PR0	S	X	S	447	18	PROGRAM CORRECTION TAPE GENERATOR
020018	SDS	28	JUL	64	E		-	-	55	1	CHECKSUM DUMP ROUTINE
020019	SDS	3	NOV	64	SUB	S			225	17	PAPER TAPE AND TYPEWRITER HANDLER-PTY10
020020	SDS	5	OCT	64	E	S			61	4	BINARY PAPER TAPE BOOTSTRAP + GENERATOR
020021	SDS	11	DEC	64	PR0	M			1593	36	BINARY FORMAT CNVRTR:HELP TO STD. FORMAT
020022	SDS	11	DEC	64	PR0	M			943	29	BINARY FORMAT CNVRTR: STD TO HELP FORMAT
022001	SDS	1	FEB	63	PACK	H				18	HELP UTILITY SYSTEM - SYSTEM DESCRIPTION
022002	SDS	15	NOV	63	E	S	-	-	240	14	FORTAN MEMORY SAVE
024001	SDS	8	JUN	64	PR0	S	X	S	340	22	PAPER TAPE PHOTO-READER TEST PROGRAM
029001	SDS	17	MAR	64	PR0	F			4096	7	FORTAN INTERFACE/STATEMENT/LIBRARY TEST
030001	SDS	19	SEP	63	PR0	S			645	11	SYM CARD TO SYM PAPER TAPE FORMAT
030002	SDS	29	AUG	63	E	S			138	6	CARD TO TYPEWRITER
030003	SDS	21	OCT	63	PR0	S			174	2	CARD-TO-MAGNETIC-TAPE COVERSION PROGRAM
030004	SDS	3	NOV	64	SUB	S			162	10	CARD READ HANDLER-CDR
030005	SDS	3	NOV	64	SUB	M	X	S	206	12	CARD READ/PUNCH HANDLER - (CDRP)
030006B	SDS	21	JAN	65	E	S			39	5	BINARY INPUT - ONE CARD LOADER
030007	SDS	7	DEC	64	E	S				7	BINARY INPUT - 2 CARD RELOCATING LOADER
032001B	SDS	17	SEP	64	FSUB	S			44	4	FORTAN PUNCH SUBROUTINE 212
034001B	SDS	9	JUN	64	PR0	S	X	S	268	15	CARD READER TEST PROGRAM
034002	SDS	9	MAY	63	PACK	S			172	7	CARD PUNCH TEST PROGRAM PACKAGE
034003	SDS	8	JUN	64	PR0	S	X	S	223	12	CARD PUNCH TEST PROGRAM
040001	SDS	30	MAR	63	P0P	S			501	53	15KC MAG TAPE P0P INTERPRETER (W BUFFER)
040002	SDS	10	FEB	64	PR0	F			4000	42	BASIC SYMBOLIC MAGNETIC TAPE EDITOR
040003	SDS	24	MAR	64	PR0	S			347	13	PAPER TAPE AND MAGNETIC TAPE COPIER
040004	SDS	3	NOV	64	SUB	M	F	S	350	17	MAGNETIC TAPE SUBROUTINE (MTAPE)
040005	SDS	22	SEP	64	E	S	F	S	20	2	MAGNETIC TAPE FILL SIMULATOR (910/920)
040006	SDS	7	DEC	64	E	S			38	5	BINARY INPUT - MAG TAPE ABSOLUTE LOADER
042001B	SDS	13	AUG	64	PR0	S			768	21	MEM TO MAG TAPE OR DRUM DUMP FOR LINKING
042002	SDS	27	MAY	64	PR0	F	X	S	2976	7	LINK 0 ROUTINE
042003	SDS	9	SEP	64	E	S			140	6	FORTAN LOADER MODIFICATION
044001	SDS	3	DEC	62	PR0	H	X	S	640	7	15KC MAG TAPE TEST WITH INTRPT + INTRLC
044002	SDS	29	DEC	62	PR0	H			1024	50	MAGNETIC TAPE SYSTEM EXERCISER (15KC) ST
044003	SDS	22	APR	63	PR0	S			592	47	15KC MAGNETIC TAPE TEST
044004B	SDS	16	FEB	64	PR0	S			1155	61	MULTI MAGNETIC TAPE EXERCISER
049001	SDS	29	DEC	62	PR0	H			1024	51	MAG. TAPE EXERCISER, 2 TAPE SYSTEM -15KC
054004	SDS	30	APR	64	PR0	S			593	54	42KC MAGNETIC TAPE TEST PR0G., Y BUFFER
054005	SDS	23	MAY	63	PR0	S			990	63	42KC MAG TAPE SYSTEM EXERCISER -Y BUFFER
060003	SDS	11	JAN	64	PR0	S			204	6	MEMORY DUMP ON BUFFERED PRINTER
060004	SDS	11	JAN	64	PR0	S			790	16	CARD OR MAG TAPE TO BUFFERED PRINTER

060005	SDS	3	NOV	64	SUB	S			189	12	LINE PRINTER HANDLER-PRINT
062001C	SDS	17	NOV	64	FSUB	S			76	6	FORTAN PRINT SUBROUTINE-211 (BUFFERED)
064002D	SDS	18	AUG	64	PR0	S	X	S	1151	47	BUFFERED LINE PRINTER TEST PROGRAM
064003	SDS	14	FEB	64	PR0	S			406	15	OFF-LINE PRINTER TEST
074001B	SDS	29	APR	64	PR0	S			587	54	42KC MAGNETIC TAPE TEST PROG., W BUFFER
074003	SDS	28	MAY	63	PR0	S			990	1	42KC MAG TAPE SYSTEM EXERCISER -W BUFFER
080001	SDS	1	JUN	63	POP	S	X	S	257	8	GRAPH PLOTTER CONTROL POP
084001	SDS	3	JUN	63	PR0	S			37	2	MOSELEY PLOTTER TEST PROGRAM
084002	SDS	18	JUL	63	B	S			265	7	CAL-COMP PLOTTER TEST
090005B	SDS	13	AUG	64	PR0	S			802	18	DRUM,P.T.,MEMORY BINARY COPY ROUTINE
090006	SDS	22	JUN	64	SUB	S			309	3	GENERAL DRUM HANDLER
092002B	SDS	9	JUL	64	FSUB	S			57	5	FORTAN PRINT SUBROUTINE (UNBUFFERED)
092003	SDS	27	MAY	64	PR0	S			14	4	LINK 0 BOOTSTRAP FOR DRUM
092004	SDS	12	AUG	64	FSUB	S			77	7	FORTAN TYPE-214(LONG CARRIAGE)SUBROUT.
094005	SDS	16	JAN	63	PR0	H			1024	8	GAUSSIAN DISTRIBUTION TEST ANALOG INPUTS
094006	SDS	16	APR	63	PR0	H			500	12	PRIORITY INTERRUPT TEST
094011C	SDS	22	SEP	64	PR0	S	X	S	1817	50	9161 DRUM MEMORY TEST PROGRAM
094012	SDS	13	JAN	64	PR0	S			466	11	1622 CARD READ/PUNCH TEST PROGRAM
094017B	SDS	14	DEC	64	PR0	S	X	S	1652	21	900 SERIES ARM/DISARM FEATURE CHECKOUT
099003	SDS	9	MAY	63	PR0	S	X	S	2048	1	PRIORITY INTERRUPT SOURCE TEST
099007	SDS	22	OCT	63	PR0	S	X	S	260	10	ANALOG COMPARISON TEST

## 910/925 PROGRAMS

100001	SDS	24	MAY	63	SUE	S	F	D	477	6	DECIMAL INPUT SUBROUTINE
101002	SDS	20	NOV	62	PACK	H	F	S	182	2	FLOAT SINGLE ARITH POP PK SELF FL - FSPA
101003	SDS	27	NOV	62	P0P	H	F	D	116	1	FIXED-FLOAT FORMAT CNV POP SELF FL - FFF
101004B	SDS	31	JUL	63	PACK	H	X	S	231	2	SDS 920 INSTR PACK BASIC SELF FILL SIPB
101005B	SDS	29	MAY	63	P0P	H	X	S	49	4	HIGH SPEED MULTIPLY AND DIVIDE POPS
101006B	SDS	19	APR	63	PACK	S	X	D	216	6	DOUBLE PREC ARITH POP PK SELF FL - XDPA
101007	SDS	17	JAN	63	P0P	S	X	D	25	1	ADD DOUBLE PRECISION POP SELF FILL - DPA
101008B	SDS	22	NOV	63	PACK	H	F	D	297	2	FLOAT DOUBLE ARITH POP PK SELF FL - FDPA
101010	SDS	29	MAY	63	SUE	H	X	S	500	4	POLAR TO/FROM CARTESIAN CONVERSION
102003D	SDS	9	JUL	64	PACK	S				225	SDS 910 PROGRAMMED OPERATOR PACKAGE
103001B	SDS	25	JUL	63	P0P	H	X	S	119	2	MULTIPLY DIVIDE MLDV
103002	SDS	9	JAN	63	P0P	H			17	1	MULTIPLY -- MUL
103003B	SDS	25	JUL	63	P0P	H	X	S	103	1	DIVIDE DIV
103004B	SDS	25	JUL	63	PACK	H	X	S	231	9	SDS 920 INSTRUCTION PACK BASIC SIPB
103006	SDS	28	DEC	62	P0P	S	X	S	33	3	SIN OF A - SIN
103007	SDS	2	JAN	63	P0P	S	X	S	53	2	ARCTANGENT-ATN
103008	SDS	19	DEC	62	P0P	S	X	S	72	2	EXPONENTIAL-EXP
103009	SDS	2	JAN	63	P0P	S	X	S	49	2	LOGARITHM-LOG
103010	SDS	14	NOV	62	PACK	H	F	S	181	14	FLOAT SINGLE ARITH POP PK - FSPA
103011	SDS	20	NOV	62	P0P	H	F	D	115	11	FIXED-FLOAT FORMAT CNV POP - FFF
103012B	SDS	24	JUN	63	P0P	S	X	S	115	2	BINARY TO DECIMAL CONVERSION FIXED-SNGL
103013B	SDS	24	JUN	63	P0P	S	X	S	101	2	DECIMAL TO BINARY CONVERSION FIXED-SNGL
103014	SDS	15	JAN	63	P0P	S	F	S	78	2	BINARY TO DECIMAL CONVERSION FLTNG-SNGL
103015	SDS	16	JAN	63	P0P	S	F	S	58	2	DECIMAL TO BINARY CONVERSION FLTNG-SNGL
103016	SDS	10	JAN	63	P0P	S	X	D	25	1	ADD DOUBLE PRECISION POP - DPA
103017	SDS	10	JAN	63	P0P	S	X	D	24	1	SUBTRACT DOUBLE PRECISION POP - DPS
103018	SDS	2	JAN	63	PACK	S	X	S	3	3	SINE-COSINE-COSP
103019	SDS	14	JAN	63	P0P	S	X	S	77	3	SQUARE ROOT FIXED-SINGLE
103020B	SDS	6	MAR	63	PACK	S	X	T	17	2	LOAD AND STORE TRIPLE PRECISION
103021	SDS	7	MAR	63	PACK	S	X	Q	21	2	LOAD AND STORE QUADRUPLE PRECISION
103022B	SDS	15	JUN	63	PACK	S	X	D	215	8	DOUBLE PREC ARITH POP PK - XDPA
103023B	SDS	22	NOV	63	PACK	H	F	D	296	15	FLOAT DOUBLE ARITH POP PK - FDPA
103024	SDS	21	JUN	63	P0P	S	F	D	156	5	LOGARITHM-LGF
103025	SDS	24	JUN	63	P0P	S	F	D	183	5	EXPONENTIAL-EXF
103026	SDS	9	JUL	63	P0P	S	F	D	279	5	ARCTANGENT-ATF
103027	SDS	3	JUL	63	PACK	S	F	D	208	5	SINE-COSINE-CSFP
103028	SDS	12	JUL	63	P0P	S	F	D	3	1	COSINE, FLOATING - CSF

103029	SDS	20	JUN	63	P0P	S	F	D	88	3	SQUARE ROOT FLOATING-DOUBLE
103032	SDS	20	JUN	63	P0P	S	X	D	157	6	ARCTANGENT-ATD
103033	SDS	24	JUN	63	P0P	S	X	D	121	5	SINE, DOUBLE PRECISION - SND
103034	SDS	24	JUN	63	PACK	S	X	D	124	4	SINE-COSINE-CSDP
103035	SDS	21	JUN	63	P0P	S	X	D	80	3	SQUARE ROOT FIXED-DOUBLE
103036	SDS	20	JUN	63	P0P	S	X	D	197	2	DECIMAL TO BINARY CONVERSION FIXED-DBL
103037	SDS	24	JUN	63	P0P	S	X	D	193	3	BINARY TO DECIMAL CONVERSION FIXED-DBL
103038	SDS	14	JUN	63	P0P	S	F	D	174	5	DECIMAL TO BINARY CONVERSION -- DBF
103039	SDS	14	JUN	63	P0P	S	F	D	190	6	BINARY TO DECIMAL CONVERSION -- BDF
103040	SDS	15	JUN	63	P0P	S	X	D	72	1	DOUBLE PRECISION MULTIPLY P0P - DPM
109003	SDS	29	MAY	63	P0P	H	X	S	43	3	HIGH SPEED 4 DGT B TO D P0P SELF FL- BID
109004	SDS	1	APR	63	P0P	H	X	S	169	7	HIGH SPEED CMB SIN-COS P0P SELF FL - SIN
109005	SDS	1	APR	63	P0P	H	X	S	162	6	HIGH SPEED ARCTANGENT P0P SELF FL - ATN
110002B	SDS	9	APR	64	PR0	S				6	SYMBOL 910 4B SYMBOL TABLE PRINTER
112002C	SDS	20	APR	64	PR0	S			4096	1	SYMBOL 910 4C
112003	SDS	9	AUG	63	E	S				2	PHOTOREADER MODIFICATION FOR 910 SYMBOL
112005D	SDS	25	SEP	64	PACK	S			4096		SDS 910 FORTRAN II SYSTEM (PAPER TAPE)
112010	SDS	14	AUG	64	E	S			277	10	FORTRAN II MODIFICATION LOADER
112011	SDS	14	AUG	64	E	S				2	FORTRAN II 3 CONT. CARD MOD.
112012	SDS	14	AUG	64	E	S			276	2	FORTRAN II 9 CONT. CARDS MOD.
119001B	SDS	1	NOV	63	PR0	S			4096	1	910/920 SYMBOL 4B
132004	SDS	13	AUG	64	E	S			10	4	FORTRAN II CARD INPUT MOD.
132005	SDS	14	AUG	64	E	S			71	5	FORTRAN II CARD/P.T. INPUT MOD.
140001	SDS	31	DEC	64	FSUB	M			205	8	SDS 910 FORTRAN II MAG TAPE INPUT MODIF
142001	SDS	23	MAR	64	PR0	S	X		273	11	MEM TO MAG TAPE DUMP FOR 910 LINKING (C)
142005	SDS	14	AUG	64	E	S			357	8	FORTRAN II MAG TAPE OUTPUT MOD.
142006	SDS	14	AUG	64	E	S			433	9	FORTRAN II MAG TAPE/P.T. OUTPUT MOD.
149002	SDS	24	MAR	64	PACK	S				27	LINKING SYSTEM TAPE AND CONTROL ROUTINE
162001	SDS	13	JAN	64	PR0	S				6	SYMBOL 910 4B BUFF PRINTER MOD
162003	SDS	13	AUG	64	E	S			53	4	FORTRAN II BUFFERED PRINTER MOD.
192001	SDS	21	NOV	63	PR0	S				7	SYMBOL 910B UNBUFFERED PRINTER MOD
192002	SDS	13	JAN	64	PR0	S				7	SYMBOL 910/920 4B UNBUFF PRINTER MOD
192004B	SDS	13	AUG	64	PACK	S				2	SDS 910 FORTRAN DRUM LINKING SYSTEM
192005	SDS	17	AUG	64	E	S			74	4	FORTRAN II UNBUFFERED PRINTER MOD.
192006	SDS	14	AUG	64	E	S			33	15	FORTRAN II DRUM READ/WRITE MOD.

## 920/930 PROGRAMS

200001	SDS	11	MAR	63	SUB	S	F	D	345	6	DECIMAL INPUT SUBROUTINE
200002B	SDS	20	MAR	64	PRO	S				6	SYMBOL TABLE PRINTER SYMBOL 920 4B
201002	SDS	5	FEB	63	PACK	S	F	S	133	2	FLOATING-SINGLE ARITHMETIC PACKAGE
201003	SDS	26	FEB	63	POP	H	F	D	83	1	FIXED-FLOAT FORMAT CNV POP SELF FL - FFF
201006	SDS	19	APR	63					95	2	FIXED-DOUBLE ARITHMETIC PACKAGE
201007	SDS	6	MAR	63	PRO	S	X	D	8	1	DOUBLE PRECISION ADD
201008	SDS	7	MAY	63	PACK	S	F	D	206	2	FLOATING-DOUBLE ARITHMETIC PACKAGE
201009	SDS	6	MAR	63	PRO	S	X	D	8	1	DOUBLE PRECISION SUBTRACT
202002B	SDS	01	OCT	63	PRO	S			4096	1	SDS 920 SYMBOL 4B
202003C	SDS	10	AUG	64	PACK	S				187	SDS 920 PROGRAMMED OPERATOR PACKAGE
202008H	SDS	9S	EPT	64	PACK	S			4096	387	SDS 920 FORTRAN II SYSTEM (PAPER TAPE)
202014	SDS	24	JUL	64	B	S			39	4	FORTRAN FORMAT AT RUNTIME
202015	SDS	24	JUL	64	PRO	S			276	1	FORTRAN 9 CONTINUATIONS MOD
202016	SDS	24	JUL	64	B	S			277	1	FORTRAN II MODIFICATION LOADER
202017	SDS	24	JUL	64	PRO	S			0	1	FORTRAN 3 CONTINUATIONS MOD
202018	SDS	24	JUL	64	PRO	S			62	1	FORTRAN HOLLERITH LITERALS MOD.
203006	SDS	19	FEB	63	PACK	S	X	S	31	3	SINE-COSINE-COSP
203007	SDS	14	FEB	63	POP	S	X	S	56	2	ARCTANGENT-ATN
203008	SDS	5	MAR	63	POP	S	X	S	60	2	EXPONENTIAL-EXP
203009	SDS	14	FEB	63	POP	S	X	S	47	2	LOGARITHM-LOG
203010	SDS	5	FEB	63	PACK	S	F	S	133	5	FLOATING-SINGLE ARITHMETIC PACKAGE
203011B	SDS	11	FEB	64	POP	H	F	D	82	9	FIXED-FLOAT FORMAT CNV POP - FFF
203012	SDS	9	APR	63	POP	S	X	S	96	2	BINARY TO DECIMAL CONVERSION FIXED-SNGL
203013	SDS	24	APR	63	POP	S	X	S	82	2	DECIMAL TO BINARY CONVERSION FIXED-SNGL
203014	SDS	15	JAN	63	POP	S	F	S	74	2	BINARY TO DECIMAL CONVERSION FLTNG-SNGL
203015	SDS	16	JAN	63	POP	S	F	S	52	2	DECIMAL TO BINARY CONVERSION FLTNG-SNGL
203016	SDS	6	MAR	63	POP	S	X	D	8	1	DOUBLE PRECISION ADD
203017	SDS	5	MAR	63	POP	S	X	D	8	1	DOUBLE PRECISION SUBTRACT
203018	SDS	19	FEB	63	POP	S	X	S	1	1	COS OF A - COS
203019	SDS	26	DEC	62	POP	S	X	S	84	2	SQUARE ROOT FIXED-SINGLE
203020	SDS	6	MAR	63	PACK	S	X	T	17	2	LOAD AND STORE TRIPLE PRECISION
203021	SDS	7	MAR	63	PACK	S	X	Q	21	2	LOAD AND STORE QUADRUPLE PRECISION
203022	SDS	15	FEB	63	PACK	S	X	D	95	7	FIXED-DOUBLE ARITHMETIC PACKAGE
203023B	SDS	28	JUL	64	PACK	S	F	D	220	3	FDPA-FLOATING POINT DOUB. PREC. POP PACK
203024B	SDS	11	FEB	64	POP	S	F	D	144	10	LOGARITHM-LGF
203025B	SDS	11	FEB	64	POP	S	F	D	150	9	EXPONENTIAL-EXF

203026B	SDS	11	FEB	64	P0P	S	F	D	241	9	ARCTANGENT-ATF
203027B	SDS	11	FEB	64	PACK	S	F	D	209	9	SINE-COSINE-CSFP
203028B	SDS	11	FEB	64	P0P	S	F	D	15	1	COSINE, FLOATING - CSF
203029	SDS	22	MAR	63	P0P	S	F	D	71	3	SQUARE ROOT FLOATING-DOUBLE
203032	SDS	26	APR	63	P0P	S	X	D	156	3	ARCTANGENT-ATD
203033	SDS	26	APR	63	PACK	S	X	D	145	4	SINE-COSINE-CSDP
203034	SDS	26	APR	63	P0P	S	X	D	5	1	COSINE, DOUBLE PRECISION - CSD
203035	SDS	22	MAR	63	P0P	S	X	D	79	3	SQUARE ROOT FIXED-DOUBLE
203036	SDS	26	APR	63	P0P	S	X	D	176	2	DECIMAL TO BINARY CONVERSION FIXED-DBL
203037	SDS	17	APR	63	P0P	S	X	D	181	3	BINARY TO DECIMAL CONVERSION FIXED-DBL
203038	SDS	26	APR	63	P0P	S	F	D	167	6	DECIMAL TO BINARY CONVERSION -- DBF
203039	SDS	25	APR	63	P0P	S	F	D	167	6	BINARY TO DECIMAL CONVERSION -- BDF
203040	SDS	29	APR	63	P0P	S	X	D	27	1	DOUBLE PRECISION MULTIPLY
203041	SDS	17	JUN	63	PACK	S	F	T	259	6	FLOATING-TRIPLE ARITHMETIC PACKAGE
203042	SDS	18	JUN	63	PACK	S	F	D	175	7	THREE-WORD FLOATING-DOUBLE ARITH. PACK.
207001	SDS	20	MAY	64	PR0	S			4096	48	G0 M0 KU
209001	SDS	20	NOV	62	PACK	H			132	8	910 SIMULATION P 0 P SELF FILLING
209006B	SDS	29	OCT	63	PR0	S			4096	1	SDS 920/910 SYMBOL 4B
232003	SDS	24	JUL	64	PR0	S			71	2	F0RTRAN CARD/PAPER TAPE INPUT M0D
232004	SDS	28	JUL	64	PR0	S			10	2	F0RTRAN CARD INPUT MODIFICATION
240001	SDS	7	JAN	65	FSUB	M			205	8	SDS 920 F0RTRAN II MAG TAPE INPUT MODIF
242005	SDS	25	MAY	64	PACK	S			192	18	920 LINKING SYSTEM TAPE AND CONTROL ROUT
242006	SDS	28	JUL	64	PR0	S			433	2	F0RTRAN MAG.TAPE/PAPER TAPE OUTPUT M0D.
242007	SDS	24	JUL	64	PR0	S			357	2	F0RTRAN MAG TAPE OUTPUT M0D
260002	SDS	13	JAN	64	PR0	S				6	SYMBOL 920 4B BUFF PRINTER M0D
260003	SDS	26	FEB	64	SUB	S	X		572	10	BUFFERED LINE PRINTER TRACE
262001	SDS	13	JAN	64	PR0	S				6	920/910 SYMBOL 4B BUFF PRINTER M0D
262003	SDS	20	MAR	64	PR0	S				8	SYMBOL 8 MAG TAPE LISTING MODIFICATION
262004	SDS	27	JUL	64	PR0	S			53	1	F0RTRAN BUFFERED PRINTER M0D
269001B	SDS	7	JUL	64	PR0	S			8192	6	SYMBOL 8 STANDARD
290001	SDS	15	AUG	63	SUB	S			562	9	LINE PRINTER TRACE-TRL (UNBUFFERED)
292001	SDS	2	DEC	63	PR0	S				7	920 SYMBOL 4B UNBUFFERED PRINTER M0D
292005	SDS	24	JUL	64	PR0	S			74	1	F0RTRAN UNBUFFERED PRINTER M0D

930 PROGRAMS

303001	SDS	1	SEP	64	PACK	S	F	D	233	11	DOUBLE PRECISION FLOATING POINT PACKAGE
304001	SDS	28	AUG	64	PR0	M	X	S	4096	47	930 EXAMINER MEMORY DIAGNOSTIC
304002	SDS	28	AUG	64	PR0	M	X	S	4096	584	930 EXAMINER DIAGNOSTIC INSTRUCTION SYS
304003	SDS	28	AUG	64	PR0	M	X	S	4096	12	930 EXAMINER P+S REGISTER TESTER
304004	SDS	28	AUG	64	PR0	M	X	S	4096	1	930 EXAMINE DIAGNOSTIC SYSTEM

925/930 PROGRAMS

503001	SDS	28	DEC	64	SUB	M	F	S	341	26	PAPERTAPE-TYPEWRITER HANDLER 925, 930
524001	SDS	25	SEP	64	PR0	S			838	45	EXTENDED MODE I/O TEST PROGRAM
533001	SDS	4	JAN	65	SUB	M	X	S	223	10	CARD READ SUBROUTINE (CDR)
533002	SDS	4	JAN	65	SUB	M	X	S	272	11	CARD READ/PUNCH SUBROUTINE (CDRP)
534001	SDS	2	DEC	64	PR0	M	X	S	411	19	CARD READER TEST PROGRAM FOR 925/930
540001	SDS	9	NOV	64	PR0	M	X	S	490	29	MAGNETIC TAPE HANDLER (MTAPE)
544001	SDS	12	JAN	65	PR0	M	X	S	1976	88	EXTENDED MODE MULTI-MAG. TAPE EXERCISER
563001	SDS	4	JAN	65	SUB	M	X	S	256	10	LINE PRINTER SUBROUTINE (PRINT)
564001	SDS	1	JAN	65	BPR0	M	X	S	866	36	9174,9179 PRINTER DIAGNOSTIC 925,930
564002	SDS	21	JAN	65	BPR0	M	X	S	596	32	9379 PRINTER DIAGNOSTIC FOR 925, 930

9300 PROGRAMS

600001	SDS	29	JUL	64	B	S			68	4	9300 BASIC PAPER TAPE RELOCATABLE LOADER
600002	SDS	5	AUG	64	B	S			498	21	9300 DEBUG
600003	SDS	29	SEP	64	PACK	S			705	39	BASIC UTILITY PACKAGE 9300
600004B	SDS	8	JAN	65	B	S			251	8	BINARY DUMP, PAPER TAPE OR CARDS
601001	SDS	1	APR	64	SUB	S	X	S	93	4	RUNGE-KUTTA GILL DIFFERENTIAL EQUATIONS
601002	SDS	10	JUN	64	SUB	S	F	D	103	4	RUNGE-KUTTA GILL DIFFERENTIAL EQUATIONS
601003	SDS	3	AUG	64	SUB	S	F	D	61	4	POLYNOMIAL EVALUATION (COMPLEX ARGUMENT)
601004	SDS	6	OCT	64	SUB	S	X	S	208	11	ADAMS-MOULTON DIFFERENTIAL EQUATIONS AMX
603001	SDS	14	APR	64	SUB	S	F	D	26	2	FLOATING NEGATE SUBROUTINE - FLN
603002	SDS	14	APR	64	PACK	S	F	D	150	8	PROGRAMMED FLOATING POINT PACKAGE - FLPT
603003	SDS	13	APR	64	SUB	S	X	S	63	4	EXPONENTIAL OF A-EXP
603004	SDS	13	APR	64	SUB	S	X	S	59	4	SIN OR COS OF A-SIN, COS
603005	SDS	13	APR	64	SUB	S	X	S	87	5	ARCTAN OF A-ATN
603006	SDS	15	JUL	64	SUB	S	X	D	29	2	DOUBLE PRECISION MULTIPLY SUBROUTINE-DPM
603007	SDS	13	APR	64	SUB	S	X	S	54	4	SQUARE ROOT OF A-SQR
603008	SDS	13	APR	64	SUB	S	F	D	83	5	SQUARE ROOT, FLOATING POINT-SGF
603009	SDS	14	APR	64	SUB	S	X	D	30	2	DOUBLE PRECISION DIVIDE SUBROUTINE - DPD
603010	SDS	16	APR	64	SUB	S	F	D	60	1	FLOATING POINT LOGARITHM-LGF
603011	SDS	20	JUL	64	SUB	S	F	D	0080	002	FLOATING-HYPERBOLIC SINE AND COSINE-SHF
603012	SDS	20	JUL	64	SUB	S	F	D	0069	002	FLOATING-POINT EXPONENTIAL-EXF
603013	SDS	20	JUL	64	SUB	S	F	D	0074	002	FLOATING POINT SINE(COSINE)-SNF(CSF)
603014	SDS	27	JUL	64	SUB	S	F	D	0104	002	FLOATING POINT ARCTANGENT-ATF
603015	SDS	16	JUL	64	SUB	S	F	D	0129	003	FLOATING POINT, COMPLEX ARITH. PACKAGE
603016	SDS	28	JUL	64	SUB	S	F	D	0015	001	FLOATING POINT COMPLEX EXPONENTIAL-EXFC
603017	SDS	21	JUL	64	SUB	S	F	D	0021	001	FLOATING POINT COMPLEX LOGARITHM-LNFC
603018	SDS	22	JUL	64	SUB	S	F	D	0029	001	FLOATING POINT COMPLEX SQUARE ROOT-SQFC
603019	SDS	22	JUL	64	SUB	S	F	D	0046	001	FLOATING POINT COMPLEX ARCTANGENT-ATFC
603020	SDS	22	JUL	64	SUB	S	F	D	0030	001	FLOATING COMPLEX SINE AND COSINE-SNFC
603021	SDS	26	AUG	64	SUB	S	X	S	64	4	LOGARITHM SUBROUTINE TO BASE E OR 10
603022	SDS	6	AUG	64	SUB	S	F	T	23	3	F.P. EXTENDED PRECISION SQUARE ROOT-SQFE
603023	SDS	3	DEC	64	SUB	S	F	T	481	26	EXTENDED PRECISION ARITHMETIC PACKAGE
603024	SDS	3	AUG	64	SUB	S	F	D	197	2	BINARY TO DECIMAL CONVERSION -BTDFL
603025	SDS	20	AUG	64	SUB	S	F	D	222	3	BINARY TO BCD, FIXED OR FLOATING
603026	SDS	10	SEP	64	B	S				4	ONE CARD OCTAL MEMORY DUMP (PRINTER)
603027	SDS	26	AUG	64	SUB	S	F	T	121	8	F.P. EXTENDED PRECISION EXPONENTIAL-EXFE
603115	SDS	23	SEP	64	SUB	S	F	D	318	13	9300 DECIMAL/BINARY CONVERSION ROUTINES
603116	SDS	6	OCT	64	SUB	S	X	S	80	5	DECIMAL TO BINARY CONVERSION (DTBFX)

603117	SDS	9	NOV	64	SUB	S	F	S	323	12	9300 DISPLAY CONVERSION (DISCV) SXXXXSEE
603118	SDS	30	NOV	64	SUB	S	F	T	147	8	F.P. EXT. PRECISION NATURAL LOG.-LNFE
603119	SDS	30	NOV	64	SUB	S	F	T	163	8	F.P. EXT. PRECISION SIN(COS)-SNFE(CSFE)
603120B	SDS	25	JAN	65	SUB	M	X	S	339	26	PAPER TAPE AND TYPEWRITER HANDLER - 9300
603137	SDS	19	JAN	65	SUB	S	F	T	222	10	9300 F.P. EXTENDED PRECISION ARCTAN-ATFE
605001	SDS	20	AUG	64	SUB	S	X	S	84	5	9300 SINE,COSINE, DEGREES OR RADIANS
605002	SDS	20	AUG	64	SUB	S	X	S	76	5	9300 EXPONENTIAL, BASE E OR BASE 10
605003	SDS	21	AUG	64	SUB	S	X	S	96	2	9300 ARCTANGENT, RADIANS OR DEGREES
605004	SDS	21	AUG	64	SUB	S	F	D	76	5	9300 EXPONENTIAL (BASE E OR BASE 10)
605005	SDS	24	AUG	64	SUB	S	F	D	88	5	9300 SINE,COSINE, (DEGREES OR RADIANS)
605006	SDS	24	AUG	64	SUB	S	F	D	71	2	9300 LOGARITHM (BASE E OR BASE 10)
605007	SDS	27	AUG	64	SUB	S	F	D	116	2	9300-ARCTANGENT (RADIANS OR DEGREES)
605008	SDS	2	SEP	64	SUB	S	F	D	126	3	9300 ARCSINE,ARCCOSINE (DEGREES-RADIANS)
605009	SDS	22	SEP	64	SUB	S	X	S	101	6	9300 ARCSIN-COS (ASNX,ACSX,ASNDX,ACSDX)
605010	SDS	13	OCT	64	SUB	S	F	D	123	6	9300 ARCTANGENT(DEGREES/RADIANS),TAN,TAND
605012	SDS	3	NOV	64	SUB	S	X	S	112	5	9300 TANGENT (DEG. OR RAD.) TANX,TANDX
605013	SDS	12	NOV	64	SUB	S	F	D	111	7	9300 HYBRID RUNGE-KUTTA GILL INTEGRATION
605014	SDS	16	NOV	64	SUB	M	X	S	131	10	LINEAR INTERPOLATION (3 ARGUMENTS)
605015	SDS	17	NOV	64	SUB	M	X	S	74	6	LINEAR INTERPOLATION (2 ARGUMENTS)
605016	SDS	16	NOV	64	SUB	M	X	S	30	3	LINEAR INTERPOLATION (1 ARGUMENT)
605017	SDS	16	DEC	64	SUB	M	F	D	154	9	9300 HYBRID ADAMS-MOULTON DIFF.EQUATIONS
605018	SDS	17	DEC	64	SUB	M	F	D	32	4	9300 HYBRID RECTANGULAR INTEGRATION
605019	SDS	17	DEC	64	SUB	M	F	D	54	5	9300 HYBRID 2-POINT PREDICTOR
605020	SDS	17	DEC	64	SUB	M	F	D	78	6	9300 HYBRID 4-POINT PREDICTOR
605021	SDS	17	DEC	64	SUB	M	F	D	78	6	9300 HYBRID 4-POINT CORRECTOR
620001	SDS	14	AUG	64	B	S			40	4	BINARY INPUT -- PAPER TAPE LOADER
624001	SDS	6	OCT	64	PR0	S			838	45	EXTENDED MODE I/O TEST PROGRAM
630001	SDS	6	AUG	64	PR0	S			79	5	9300 BASIC 2 CARD RELOCATABLE LOADER
630002B	SDS	8	OCT	64	B	S			37	3	BINARY INPUT - 1 CARD ABSOLUTE LOADER
630003	SDS	22	SEP	64	B	S			65	3	ONE CARD OCTAL MEMORY DUMP (TYPEWRITER)
633001	SDS	30	NOV	64	SUB	M	X	S	147	10	CARD READ ROUTINE (CDR)
633002	SDS	30	NOV	64	SUB	M	X	S	186	11	CARD READ/PUNCH HANDLER (CDRP)
634001	SDS	2	DEC	64	PR0	M	X	S	411	19	CARD READER TEST PROGRAM
640001	SDS	9	NOV	64	PR0	M	X	S	490	29	MAGNETIC TAPE HANDLER (MTAPE)
644001	SDS	12	JAN	65	PR0	M	X	S	1976	88	EXTENDED MODE MULTI-MAG. TAPE EXERCISER
663001	SDS	30	NOV	64	SUB	M	X	S	174	10	LINE PRINTER SUBROUTINE (PRINT)
664001	SDS	11	NOV	64	BPR0	M	X	S	866	36	9174,9179 PRINTER DIAGNOSTIC 9300
664002	SDS	21	JAN	65	BPR0	M	X	S	768	32	9379 PRINTER DIAGNOSTIC FOR 9300