

1-15-79

From the desk of ...Teresa Wai

Enclosed are the 9 Series sections from the PAL.

I've also enclosed the User Group Listing which begins with 89000 no; 9 Series Programs are mixed in. Received your tapes today.

TW

Teresa Wai

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Honeywell

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CPT NO B3850000	000	AB 900-SERIES	MONARCH COMMON SOFTWARE PACKAGE	P MM	<i>numbers after - indicate what's available</i>
	010	AUTHOR XEROX			
	020	850000-11P00	DESCRIPTION PRINTED		
	030	850000-35P00 *	SOURCE MAG TAPE, 7 CHANNELS		
	040	900566	XDS MONARCH REFERENCE MANUAL		
	050	900616	XDS MONARCH TECHNICAL MANUAL, 900 SERIES / 9300 COMPUTERS		
	060	ABSTRACT ROUTINES THAT PERFORM AUTOMATIC EXECUTION OF A SEQUENCE OF INDEPENDENT OR RELATED PROGRAMS WITHOUT			
	070	REQUIRING OPERATOR INTERVENTION.			

080 COMMENTS THIS PROGRAM COVERS CATALOG NUMBERS 850001 THRU 850011, 850013 THRU 850023, 850031 THRU 850033, 850669,
090 851012, 851290 THRU 851298

B3850001 000 AB 9-SERIES MONARCH TAPE LOADER (LOAD) P MM
010 AUTHOR XEROX
020 850001-11B00 850000-11 DESCRIPTION PRINTED
030 850001-35B00 850000-35 SOURCE MAG TAPE, 7 CHANNELS
040 ABSTRACT THIS LOAD PROGRAM PROVIDES THE LOADING CAPABILITY FOR THE 900'S MONARCH TAPE SYSTEM.
050 COMMENTS PROGRAM TYPE IS ASSEMBLER OR UTILITY. BASE LANGUAGE MAIN PROGRAM IS WRITTEN IN SYMBOL

B3850004 000 AB 9-SERIES MONARCH RAD LOADER (LOAD) P MM
010 AUTHOR XEROX
020 850004-11B00 850000-11 DESCRIPTION PRINTED
030 850004-35B00 850000-35 SOURCE MAG TAPE, 7 CHANNELS
040 ABSTRACT THIS LOAD PROGRAM PROVIDES THE LOADING CAPABILITY FOR THE 900'S MONARCH RAD SYSTEM.
050 COMMENTS PROGRAM TYPE IS ASSEMBLER OR UTILITY. BASE LANGUAGE MAIN PROGRAM IS WRITTEN IN SYMBOL.

B3850022 000 AA 9-SERIES PURGE FOR RAD MONARCH P MM
010 AUTHOR XEROX DATA SYSTEMS
020 850022-11A00 DESCRIPTION PRINTED
030 850022-25A00 850036-85 RELOCATABLE BINARY MAG TAPE, 7 CHANNELS
040 850022-25A00 850038-85 RELOCATABLE BINARY MAG TAPE, 7 CHANNELS
050 850022-35A00 850000-35 SOURCE MAG TAPE, 7 CHANNELS
060 ABSTRACT THIS ROUTINE IS ON RAD MONARCH SYSGEN TAPE. IT IS USED TO REMOVE USER-ADDED LABELS FROM THE FILE
070 DIRECTORY, AT USERS DISCRETION.

B3850023 000 AA 900-SERIES BOOTSTRAP GENERATOR FOR RAD MONARCH P VM
010 AUTHOR XEROX
020 850023-11A00 DESCRIPTION PRINTED
030 850023-34A00 850000-35 SOURCE CARDS
040 850023-51A00 850000-51 LISTING PRINTED
050 ABSTRACT PUNCHES A BOOTSTRAP FOR RAD MONARCH (WITH CURRENT POINTERS) ON PAPERTAPE OR CARDS. USE OUTPUT TO RELOAD
060 SYSTEM.

B3850035 000 AB 910 910/925 TAPE MONARCH SYSTEM P MM
010 AUTHOR XEROX
020 850035-11B00 DESCRIPTION PRINTED
030 850035-74B00 TESTS AND DEMO DECKS
040 850035-75B00 TESTS AND DEMO DECKS - 7 TR MAG TAPE

050 850035-85B00 ABSOLUTE BINARY MAG TAPE, 7 CHANNELS
 060 900566 XDS MONARCH REFERENCE MANUAL
 070 900616 XDS MONARCH TECHNICAL MANUAL, 900 SERIES / 9300 COMPUTERS
 080 ABSTRACT TO PERFORM AUTOMATIC EXECUTION OF A SEQUENCE OF INDEPENDENT OR RELATED PROGRAMS WITHOUT REQUIRING
 090 OPERATOR INTERVENTION. INCLUDES SYMBOL, METASYMBOL, FORTRAN-II AND R.T. FORTRAN-II PROCESSORS AND ASSOC-
 100 IATED LIBRARIES.
 110 COMMENTS ANY XDS 910/925 WITH AT LEAST 8K WORDS OF CORE STORAGE, CONSOLE TYPEWRITER, AND ONE OR MORE MAG TAPES.

B3850036 000 AB 9-SERIES 925 RAD MONARCH SYSTEM P VM
 010 AUTHOR XEROX
 020 850036-11B00 DESCRIPTION PRINTED
 030 850036-74B00 850035-74 TEST AND DEMO DECKS
 040 850036-85B00 ABSOLUTE BINARY MAG TAPE, 7 CHANNELS
 050 ABSTRACT A SYSTEM TO PERFORM AUTOMATIC EXECUTION OF A SEQUENCE OF INDEPENDENT OR RELATED PROGRAMS WITHOUT
 060 REQUIRING OPERATOR INTERVENTION USING A 9367 DISC FILE. INCLUDES SYMBOL, METASYMBOL, FORTRAN-II AND
 070 R.T. FORTRAN-II PROCESSORS AND ASSOCIATED LIBRARIES.
 090 COMMENTS ANY XDS 925 WITH AT LEAST 8K WORDS OF STORAGE, CONSOLE TYPEWRITER, ONE MAG TAPE, AND A 9367 DISC FILE

B3850037 000 AB 9-SERIES 920/930 TAPE MONARCH SYSTEM P VM
 010 AUTHOR XEROX
 020 850037-11B00 DESCRIPTION PRINTED
 030 850037-85B00 ABSOLUTE BINARY MAG TAPE, 7 CHANNELS
 040 850037-74B00 850035-74 TEST AND DEMO DECKS
 050 900566 XDS MONARCH REFERENCE MANUAL
 060 900616 XDS MONARCH TECHNICAL MANUAL, 900 SERIES / 9300 COMPUTERS
 070 ABSTRACT TO PERFORM AUTOMATIC EXECUTION OF A SEQUENCE OF INDEPENDENT OR RELATED PROGRAMS WITHOUT REQUIRING
 080 OPERATOR INTERVENTION. INCLUDES SYMBOL, METASYMBOL, FORTRAN-II AND R.T. FORTRAN-II PROCESSORS AND ASSOC-
 090 IATED LIBRARIES.
 100 COMMENTS ANY XDS 920/930 WITH AT LEAST 8K WORDS OF STORAGE, CONSOLE TYPEWRITER, AND ONE OR MORE MAGNETIC TAPES.

B3850038 000 AB 9-SERIES 930 RAD MONARCH SYSTEM P VM
 010 AUTHOR XEROX
 020 850038-11B00 DESCRIPTION PRINTED
 030 850038-74B00 850035-74 TEST AND DEMO DECKS
 040 850038-85B00 ABSOLUTE BINARY MAG TAPE, 7 CHANNELS
 050 ABSTRACT TO PERFORM AUTOMATIC EXECUTION OF A SEQUENCE OF INDEPENDENT OR RELATED PROGRAMS WITHOUT REQUIRING
 060 OPERATOR INTERVENTION USING A 9367 DISC FILE. INCLUDES SYMBOL, METASYMBOL, FORTRAN-II AND R.T. FORT-II
 070 PROCESSORS AND ASSOCIATED LIBRARIES.
 080 COMMENTS ANY XDS 930 WITH AT LEAST 8K WORDS OF MEMORY, CONSOLE TYPEWRITER, AND A 9367 DISC FILE.

B3850040	000	AB 900-SERIES	SYMBOL ASSEMBLER COMMON SOFTWARE PACKAGE	P MM
	010	AUTHOR	XEROX	
	020	850040-11B00	DESCRIPTION PRINTED	
	030	900506	XDS SYMBOL AND META-SYMBOL REFERENCE MANUAL	
	040	900688	XDS 900 SERIES SYMBOL TECHNICAL MANUAL	
	050	ABSTRACT TO ASSEMBLE SOURCE PROGRAMS WRITTEN IN THE SYMBOL ASSEMBLY LANGUAGE.		
	060	COMMENTS THIS PROGRAM COVERS CATALOG NUMBERS: 850041 THRU 850059.		
B3850065	000	AB 900-SERIES	META-SYMBOL ASSEMB. COMMON SOFTWARE PKG	P MM
	010	AUTHOR	XEROX	
	020	850065-11B00	DESCRIPTION PRINTED	
	030	850065-45B00 *	COMPRESSED MAG TAPE, 7 CHANNELS	
	040	850065-51B00	LISTING PRINTED	
	050	900506	XDS SYMBOL AND META-SYMBOL REFERENCE MANUAL	
	060	900827	XDS META-SYMBOL TECHNICAL MANUAL	
	070	ABSTRACT THIS PACKAGE IS THE COVER FOR THE 900-SERIES META-SYMBOL ASSEMBLER. THE SYSTEM IS ONLY AVAILABLE UNDER		
	080	MONARCH.		
	090	COMMENTS RELOCATABLE BINARY ON MONARCH SYSTEM TAPES: 850035-85 850036-85, 850037-85, 850038-85. THIS PROGRAM		
	100	INCLUDES CATALOG NUMBERS 850066 THRU 850090, 851262 THRU 851270, AND 851273 THRU 851281		
B3850095	000	AB 900-SERIES	MONARCH LIBRARY COMMON SOFTWARE PACKAGE	P MM
	010	AUTHOR	XEROX	
	020	850095-11B00	DESCRIPTION PRINTED	
	030	850095-35B00 *	SOURCE MAG TAPE, 7 CHANNELS	
	040	900566	XDS MONARCH REFERENCE MANUAL	
	050	900616	XDS MONARCH TECHNICAL MANUAL, 900 SERIES / 9300 COMPUTERS	
	060	ABSTRACT THIS PACKAGE CONTAINS THOSE ROUTINES COMMON TO ALL 900 SERIES MONARCH SYSTEMS.		
	070	COMMENTS 900 SERIES RELOCATABLE BINARY ON MONARCH SYSTEM TAPES. THIS PROGRAM COVERS CATALOG NUMBERS 850101 THRU		
	080	850160, 850171 THRU 850202, 850204, 850642, 850647 PART OF CATALOG NO. 850095, MONARCH LIBRARY COMMON		
	090	SOFTWARE PACKAGE. RELOCATABLE BINARY AVAILABLE AS PART OF 850035-85 FOR TAPE MONARCH AND 850036-85 FOR		
	100	RAD MONARCH.		
B3850161	000	AA 910	PROJECT MANAGEMENT SYSTEM (CPM) COVER	P MM
	010	AUTHOR	XEROX	
	020	850161-11A00	DESCRIPTION PRINTED	
	030	850161-25A00	RELOCATABLE BINARY MAG TAPE, 7 CHANNELS	
	040	900818	XDS PROJECT MANAGEMENT SYSTEM REFERENCE MANUAL	
	050	900822	XDS PROJECT MANAGEMENT SYSTEM TECHNICAL MANUAL	

060 901504 XDS EXTENDED PROJECT MANAGEMENT SYSTEMS
 070 ABSTRACT THIS IS THE COVER NUMBER FOR THE PROJECT MANAGEMENT SYSTEM, WHICH CONSISTS OF THE FOLLOWING PROGRAMS
 080 SCHEDULE SPECTRUM PROGRAM (SSP), DETAIL SCHEDULE REPORT PROGRAM (DSRP) PROGRESS EVALUATION PROGRAM (PEP)
 090 PROGRESS EVALUATION SORT PROGRAM (PEPSORT) RESOURCE ALLOCATION PROGRAM (RAP) BARCHART
 100 COMMENTS COMPUTER CONFIGURATION: 910/925 WITH A MINIMUM OF 8K WORDS OF CORE STORAGE, 2 MAGNETIC TAPES, A TYPE
 110 WRITER, PAPER TAPE OR PUNCHED CARD INPUT, AND A BUFFERED PRINTER. THIS PROGRAM COVERS CATALOG NUMBERS
 120 850162 THRU 850167, 850362 THRU 850368 TWO 2400 FT. TAPES ARE NEEDED FOR SOURCE MAG TAPE

B3850210 000 AB 910/925 FORTRAN II COMMON SOFTWARE PACKAGE P MM
 010 AUTHOR XEROX
 020 850210-11B00 DESCRIPTION PRINTED
 030 850210-35B00 * SOURCE MAG TAPE, 7 CHANNELS
 040 900003 FORTRAN II REFERENCE MANUAL
 050 900587 XDS 900 SERIES FORTRAN II OPERATIONS MANUAL
 060 ABSTRACT THE FORTRAN II SYSTEM IS A COMPLETE PACKAGE FOR COMPILING, LOADING, AND EXECUTING FORTRAN II PROGRAMS.
 070 COMMENTS SEE MANUALS 900003, FORTRAN II REFERENCE MANUAL, AND 900587, XDS 900 SERIES FORTRAN II OPERATIONS
 080 MANUAL, RELOCATABLE BINARY AVAILABLE ON 850035-85 FOR TAPE MONARCH, RELOCATABLE BINARY AVAILABLE ON
 090 850036-85 FOR RAD MONARCH, RELOCATABLE BINARY AVAILABLE ON 850808-85 FOR STAND-ALONE (S/A) THIS PROGRAM
 100 COVERS CATALOG NUMBERS 850211, 850212, 850215 THRU 850251, 850256 THRU 850277, 850279 THRU 850294,
 110 851138 THRU 851141, 851282, 851283

B3850315 000 AB 9-SERIES 920/930 FORTRAN-II COMMON SOFTWARE PKG. P VM
 010 AUTHOR XEROX
 020 850315-11B00 DESCRIPTION PRINTED
 030 850315-35B00 * SOURCE MAG TAPE, 7 CHANNELS
 040 850315-74B00 850035-74 TEST AND DEMO DECKS
 050 900003 FORTRAN II REFERENCE MANUAL
 060 900587 XDS 900 SERIES FORTRAN II OPERATIONS MANUAL
 070 ABSTRACT THIS PACKAGE CONTAINS 920/930 FORTRAN II COMPILER, AND LOADER ROUTINES SEE COMPARABLE 910/925 ROUTINES
 080 FOR ABSTRACTS.
 090 COMMENTS SEE MANUALS 900003, FORTRAN II REFERENCE MANUAL, AND 900587, XDS 900 SERIES FORTRAN II OPERATIONS
 100 MANUAL, RELOCATABLE BINARY AVAILABLE ON 850037-85 FOR TAPE MONARCH, RELOCATABLE BINARY AVAILABLE ON
 110 850038-85 FOR RAD MONARCH, THIS COVER NUMBER INCLUDES CATALOG NUMBERS 850212, 850316, 850318 THRU
 120 850322, 850325 THRU 850329, 850558 THRU 850623, 851140, 851125, 851126, 851141, 851284, 851285

B3850330 000 AA 9-SERIES ALGOL COMMON SOFTWARE PACKAGE (COVER) P VM
 010 AUTHOR XEROX
 020 850330-11A00 DESCRIPTION PRINTED
 030 850330-25A00 RELOCATABLE BINARY MAG TAPE, 7 CHANNELS

040	850330-35A00 *	SOURCE MAG TAPE, 7 CHANNELS	
050	900694	XDS ALGOL 60 TECHNICAL MANUAL, XDS 900 / 9300 COMPUTERS	
060	900699	XDS ALGOL 60 REFERENCE MANUAL	
070	ABSTRACT	THE 900 SERIES ALGOL 60-8 SYSTEM IS A COMPLETE SYSTEM FOR COMPILING, LOADING, AND EXECUTING ALGOL 60-8	
080		PROGRAMS.	
090	COMMENTS	THIS PROGRAM COVERS CATALOG NO.S: 850818 THRU 850823, 850825, 850826, 850827, 850844 THRU 850846, 850972	
100		THRU 850977, 850979 THRU 850981, 851000 THRU 851002, 850331, 850332, 850335 THRU 850355, 850360, 850361,	
110		850370 THRU 850372.	
B3850362	000 AA 920	PROJECT MANAGEMENT SYSTEM (CPM) COVER	P MM
	010	AUTHOR XEROX	
	020	850362-25A00 850161-25	RELOCATABLE BINARY MAG TAPE, 7 CHANNELS
	030	900818	XDS PROJECT MANAGEMENT SYSTEM REFERENCE MANUAL
	040	900822	XDS PROJECT MANAGEMENT SYSTEM TECHNICAL MANUAL
	050	901504	XDS EXTENDED PROJECT MANAGEMENT SYSTEM
	060	ABSTRACT	THIS IS THE COVER NUMBER FOR THE PROJECT MANAGEMENT SYSTEM, SEE COMPARABLE 910/925 ROUTINES FOR
	070		ABSTRACTS.
	080	COMMENTS	COMPUTER CONFIGURATION: ANY XDS 900S WITH A MINIMUM OF 8K WORDS OF CORE STORAGE, 2 MAGNETIC TAPES, A TYPE
	090		WRITER, PAPER TAPE OR PUNCHED CARD INPUT, AND AN OFF-LINE OR ON-LINE PRINTER. TWO 2400 FT. TAPES ARE
	100		NEEDED FOR SOURCE MAG TAPE
B3850400	000 AB 910	REAL-TIME FORTRAN COMMON SOFTWARE PKG	P MM
	010	AUTHOR XEROX	
	020	850400-11B00	DESCRIPTION PRINTED
	030	850400-35B00 *	SOURCE MAG TAPE, 7 CHANNELS
	040	901048	XDS 900 SERIES REAL-TIME FORTRAN II TECHNICAL MANUAL
	050	ABSTRACT	TO PROVIDE A REAL-TIME FORTRAN II SYSTEM FOR THE 900 SERIES COMPUTERS. SEE COMPARABLE 910/925 ROUTINES
	060		FOR ABSTRACTS.
	070	COMMENTS	RELOCATABLE BINARY AVAILABLE ON 850035-85 FOR TAPE MONARCH RELOCATABLE BINARY AVAILABLE ON 850036-85 FOR
	080		RAD MONARCH. THIS PROGRAM COVERS CATALOG NUMBERS 850401, 850403 THRU 850406, 850408 THRU 850476, 850478,
	090		851286, 851287
B3850480	000 AB 9-SERIES	920/930 R/T FORTRAN COMMON SOFTWARE PKG.	P VM
	010	AUTHOR XEROX	
	020	850480-11B00	DESCRIPTION PRINTED
	030	850480-35B00 *	SOURCE MAG TAPE, 7 CHANNELS
	040	850480-74B00 850035-74	TEST AND DEMO DECKS
	050	901048	XDS 900 SERIES REAL-TIME FORTRAN II
	060	ABSTRACT	TO PROVIDE BATCH PROCESSING CAPABILITY FOR REAL-TIME FORTRAN II UNDER MONARCH. FOR ABSTRACTS, SEE

070 COMPARABLE ROUTINES IN EITHER 910/925 FORTRAN II OR 910/925 R.T. FORTRAN II.
080 COMMENTS RELOCATABLE BINARY AVAILABLE ON 850037-85 FOR TAPE MONARCH RELOCATABLE BINARY AVAILABLE ON 850038-85 FOR
090 RAD MONARCH. THIS PROGRAM COVERS CATALOG NUMBERS 850481 THRU 850483, 850485 THRU 850557, 851288, 851289

B3850626 000 AA 9-SERIES PAPER TAPE REPRODUCER PROGRAM P VM
010 AUTHOR XEROX
020 850626-11A00 DESCRIPTION PRINTED
030 850626-44A00 * COMPRESSED CARDS
040 850626-84A00 ABSOLUTE BINARY CARDS
050 ABSTRACT TO REPRODUCE BINARY PAPER TAPE. ONLY THOSE TAPES WHICH HAVE AN INTEGRAL MULTIPLE OF FOUR CHARACTERS PER
060 BLOCK CAN BE PRODUCED BY THIS PROGRAM.
070 COMMENTS SOURCE LANGUAGE: META-SYMBOL. SIZE 355 DECIMAL. CONFIGURATION: ANY 900 SERIES COMPUTER WITH PUNCH,
080 READER AND TYPEWRITER.

B3850628 000 AA 9-SERIES MEMORY TYPE-OUT, REDUNDANCY ELIMINATION P VM
010 AUTHOR XEROX
020 850628-11A00 DESCRIPTION PRINTED
030 850628-34A00 * SOURCE CARDS
040 ABSTRACT THIS PROGRAM TYPES SPECIFIED SECTIONS OF MEMORY, FOUR WORDS PER LINE, IN EITHER OCTAL OR INSTRUCTION
050 FORMAT. BIT PATTERNS WHICH REPEAT ARE INDICATED, RATHER THAN REDUNDANTLY TYPED.
060 COMMENTS SIZE 129 DECIMAL. CONFIGURATION: 910 OR 920 COMPUTER WITH TYPEWRITER.

B3850629 000 AA 9-SERIES DEBUG P VM
010 AUTHOR XEROX
020 850629-11A00 DESCRIPTION PRINTED
030 850629-24A00 RELOCATABLE BINARY CARDS
040 850629-34A00 * SOURCE CARDS
050 ABSTRACT THIS IS A RELOCATABLE ROUTINE WHICH WILL AID THE USER IN DEBUGGING. FUNCTIONS WHICH MAY BE PERFORMED BY
060 THIS ROUTINE ARE 1.MAKE IN-CORE CORRECTIONS OR INSERTIONS. 2.DUMP SELECTED MEMORY AREAS ON THE PRINTER
070 OR TYPEWRITER. 3.PERFORM SNAPSHOTS AT SELECTED POINTS. 4.ALLOW THE USER TO SEIZE CONTROL AT SELECTED
080 POINTS. 5.PERFORM MASKED MEMORY SEARCHES.
090 COMMENTS SIZE 477 DECIMAL. CONFIGURATION: ANY XDS 910 OR 920 COMPUTER.

B3850634 000 AA 9-SERIES BINARY PAPER TAPE BOOTSTRAP + GENERATOR P VM
010 AUTHOR XEROX
020 850634-11A00 DESCRIPTION PRINTED
030 850634-34A00 * SOURCE CARDS
040 ABSTRACT TO SIMPLIFY THE LOADING OF OBJECT PROGRAMS WHICH HAVE BEEN OUTPUT BY SYMBOL OR META-SYMBOL ON PAPER TAPE
050 IN STANDARD BINARY FORMAT.

060 COMMENTS SOURCE LANGUAGE: SYMBOL/META-SYMBOL. SIZE 55 DECIMAL. CONFIGURATION: ANY XDS 900 SERIES COMPUTER WITH
070 4K MEMORY AND PAPER TAPE PUNCH.

B3850637 000 AA 9-SERIES BINARY PAPER TAPE LIST P VM

010 AUTHOR XEROX

020 850637-11A00 DESCRIPTION PRINTED

030 850637-34A00 * SOURCE CARDS

040 ABSTRACT PROVIDE A METHOD OF LISTING A BINARY PAPER TAPE.

050 COMMENTS SOURCE LANGUAGE: SYMBOL/META-SYMBOL. SIZE 140 DECIMAL. CONFIGURATION: ANY XDS 900 SERIES COMPUTER WITH

060 AN XDS MODEL 9173 LINE PRINTER OR TYPEWRITER.

B3850638 000 AA 9-SERIES FORTRAN II MEMORY SAVE P VM

010 AUTHOR XEROX

020 850638-11A00 DESCRIPTION PRINTED

030 850638-34A00 * SOURCE CARDS

040 ABSTRACT TO PUNCH A SELF-LOADING PAPER TAPE REPRESENTING THE FORTRAN PROGRAM WHICH IS IN CORE AND OPTIONALLY TO

050 PUNCH ANY OF THE FOLLOWING: 1. THE FORTRAN VARIABLES 2. COMMON 3. RUN-TIME.

060 COMMENTS SOURCE LANGUAGE: SYMBOL-8. SIZE 355 DECIMAL. CONFIGURATION: ANY XDS 900 SERIES COMPUTER WITH PAPER TAPE

070 READER, PAPER TAPE PUNCH, AND CONSOLE TYPEWRITER. CARD READER OPTIONAL.

B3850639 000 AA 9-SERIES PAPER TAPE PHOTO-READER TEST PROGRAM D VM

010 AUTHOR XEROX

020 850639-11A00 DESCRIPTION PRINTED

030 850639-34A00 * SOURCE CARDS

040 ABSTRACT TO TEST THE OPERATIONAL CHARACTERISTICS OF A PAPER TAPE PHOTO READER.

050 COMMENTS SIZE 340 DECIMAL. CONFIGURATION: ANY 920 OR 910 WITH TYPEWRITER

B3850640 000 AA 9-SERIES SEMI-AUTOMATIC TYPEWRITER TEST (SATT) D VM

010 AUTHOR XEROX

020 850640-11A00 DESCRIPTION PRINTED

030 850640-44A00 * COMPRESSED CARDS

040 850640-84A00 ABSOLUTE BINARY CARDS

050 ABSTRACT TO PROVIDE A MEANS OF EXERCISING AND CHECKING KEYBOARD INPUT AND PRINTER OUTPUT CAPABILITIES OF THE

060 TYPEWRITER WHEN USED IN THE ON-LINE MODE.

070 COMMENTS SOURCE LANGUAGE: META-SYMBOL. SIZE 267 DECIMAL. CONFIGURATION: ANY 900 SERIES COMPUTER WITH TYPEWRITER.

B3850641 000 AA 9-SERIES FORTRAN SOURCE CARDS TO P.T.COPY ROUTINE P VM

010 AUTHOR XEROX

020 850641-11A00 DESCRIPTION PRINTED

030 850641-34A00 * SOURCE CARDS
040 ABSTRACT TO COPY FORTRAN SOURCE CARD IMAGES (COLUMNS 1-72, OR LESS) ONTO PAPER TAPE AND CONVERT ALL CARD BLANKS
050 (60) TO SPACES (12).
060 COMMENTS SIZE 70 DECIMAL. CONFIGURATION: ANY XDS 900 SERIES COMPUTER WITH CARD READER AND PAPER TAPE PUNCH.

B3850642 000 AB 900-SERIES MEDIA CONVERSION ROUTINE P VM

010 AUTHOR XEROX
020 850642-11B00 DESCRIPTION PRINTED
030 850642-35B00 850095-35 SOURCE MAG TAPE, 7 CHANNELS
040 850642-84R00 ABSOLUTE BINARY CARDS
050 ABSTRACT TO COPY VARIABLE LENGTH RECORDS ON BINARY OR BCD CARDS, PAPER OR MAGNETIC TAPE, OR TYPED INPUT, TO
060 CARDS, PAPER OR MAGNETIC TAPE, TYPEWRITER OR LINE PRINTER.
070 COMMENTS SOURCE LANGUAGE: META-SYMBOL. SIZE: 1161 DECIMAL. CONFIGURATION: ANY 4K XDS 910, 920, 925 OR 930 WITH
080 ONE OR MORE PERIPHERAL DEVICES ATTACHED TO ANY OR CHANNEL AND A CONSOLE TYPEWRITER ON THE W BUFFER.
090 BINARY IS ALSO AVAILABLE ON MONARCH SYSTEM TAPES. THIS PROGRAM IS PART OF CATALOG NO. 850095.
100 PROGRAM IS PART OF CATALOG

B3850643 000 AA 9-SERIES BINARY DUMP, PAPER TAPE OR CARDS P VM

010 AUTHOR XEROX
020 850643-11A00 DESCRIPTION PRINTED
030 850643-24A00 RELOCATABLE BINARY CARDS
040 850643-44A00 * COMPRESSED CARDS
050 ABSTRACT TO DUMP MEMORY IN STANDARD BINARY FORMAT OR PAPER TAPE OR CARDS. WHEN DUMPING ONTO PAPER TAPE, THE
060 PROGRAM WILL OPTIONALLY DUMP AN ABSOLUTE BINARY BOOTSTRAP.
070 COMMENTS SOURCE LANGUAGE: META-SYMBOL. SIZE 252 DECIMAL. CONFIGURATION: ANY XDS 900 SERIES COMPUTER WITH PAPER
080 TAPE AND/OR CARD I/O.

B3850644 000 AA 9-SERIES BINARY INPUT-BASIC PAPER TAPE LOADER P VM

010 AUTHOR XEROX
020 850644-11A00 DESCRIPTION PRINTED
030 850644-44A00 * COMPRESSED CARDS
040 ABSTRACT TO LOAD RELOCATABLE OR ABSOLUTE OBJECT PROGRAMS PRODUCED BY SYMBOL OR META-SYMBOL ON PAPER TAPE, AND TO
050 LOAD THE "STANDARD CONSTANTS."
060 COMMENTS SIZE 79 DECIMAL. CONFIGURATION: ANY XDS 900 SERIES COMPUTER WITH A PAPER TAPE READER.

B3850645 000 AA 9-SERIES UNIVERSAL LOADER P VM

010 AUTHOR XEROX
020 850645-11A00 DESCRIPTION PRINTED
030 850645-44A00 * COMPRESSED CARDS

040 850645-84A00 ABSOLUTE BINARY CARDS
 050 ABSTRACT TO LOAD ONE OR MORE PROGRAMS PRODUCED BY SYMBOL OR META-SYMBOL AND PRESENTED TO THE LOADER ON EITHER
 060 PUNCHED CARDS OR PAPER TAPE. THIS LOADER HAS ESSENTIALLY THE SAME CAPABILITIES AS THE XDS MONARCH LOADER
 070 BUT IT FUNCTIONS INDEPENDENTLY OF MONARCH.
 080 COMMENTS SIZE 664 DECIMAL. ASSEMBLY LANGUAGE USED: SYMPO. CONFIGURATION: ANY XDS 900 SERIES COMPUTER WITH A CARD
 090 READER AND/OR PHOTO READER AND A TYPEWRITER. LOADER EXISTS ON CARDS AND PAPER TAPE AND LOADS PROGRAMS
 100 WHICH EXIST EITHER ON CARDS OR PAPER TAPE.

B3850646 000 AA 9-SERIES XDS 900 TO 92 BINARY LANGUAGE TRANSLATOR P VM

010 AUTHOR XEROX
 020 850646-11A00 DESCRIPTION PRINTED
 030 850646-24A00 RELOCATABLE BINARY CARDS
 040 850646-44A00 * COMPRESSED CARDS
 050 850646-84A00 ABSOLUTE BINARY CARDS
 060 ABSTRACT TO TRANSLATE XDS 92 BINARY OBJECT PROGRAMS PRODUCED BY META-SYMBOL FROM THE STANDARD XDS 900 SERIES
 070 BINARY OBJECT LANGUAGE INTO THE STANDARD XDS 92 BINARY OBJECT PROGRAM LANGUAGE.
 080 COMMENTS SOURCE LANGUAGE: SYMBOL. SIZE 622 DECIMAL. CONFIGURATION: ANY XDS 900 SERIES COMPUTER WITH PAPER TAPE
 090 READER OR CARD READER, PAPER TAPE PUNCH OR CARD PUNCH.

B3850647 000 AB 900-SERIES ENCODED TO SYMBOLIC RECONSTRUCTOR(RECON) P VM

010 AUTHOR XEROX
 020 850647-11B00 DESCRIPTION PRINTED
 030 850647-35B00 850095-35 SOURCE MAG TAPE, 7 CHANNELS
 040 850647-84B00 ABSOLUTE BINARY CARDS
 050 ABSTRACT TO RECONSTRUCT FROM AN ENCODED REPRESENTATION OF A PROGRAM ON PAPER TAPE, CARDS OR MAGNETIC TAPE A
 060 SYMBOLIC REPRESENTATION OF THE PROGRAM ON CARDS, PAPER TAPE OR MAGNETIC TAPE.
 070 COMMENTS SOURCE LANGUAGE: META-SYMBOL. SIZE: 1019 DECIMAL. CONFIGURATION: ANY XDS 900 SERIES COMPUTER WITH AT
 080 LEAST 4K WORDS OF MEMORY AND A CARD READER, OR PAPER TAPE READER, OR MAGNETIC TAPE UNIT AND CARD PUNCH
 090 OR PAPER TAPE PUNCH OR MAGNETIC TAPE UNIT. BINARY ALSO AVAILABLE ON MONARCH SYSTEM TAPES.

B3850648 000 AA 9-SERIES BINARY INPUT ONE CARD LOADER P VM

010 AUTHOR XEROX
 020 850648-11A00 DESCRIPTION PRINTED
 030 850648-34A00 * SOURCE CARDS
 040 850648-84A00 ABSOLUTE BINARY CARDS
 050 ABSTRACT TO SIMPLIFY THE LOADING OF OBJECT PROGRAMS WHICH HAVE BEEN OUTPUT BY SYMBOL OR META-SYMBOL ON CARDS IN
 060 STANDARD BINARY FORMAT.
 070 COMMENTS SIZE 39 DECIMAL. CONFIGURATION: ANY XDS 900 SERIES COMPUTER WITH CARD READER.

B3850649 000 AA 9-SERIES BINARY INPUT-TWO CARD LOADER P VM
 010 AUTHOR XEROX
 020 850649-11A00 DESCRIPTION PRINTED
 030 850649-44A00 * COMPRESSED CARDS
 040 850649-84A00 ABSOLUTE BINARY CARDS
 050 ABSTRACT TO LOAD RELOCATABLE OR ABSOLUTE PROGRAMS PRODUCED BY SYMBOL OR META-SYMBOL AND PRESENTED TO THE LOADER
 060 ON PUNCHED CARDS.
 070 COMMENTS SIZE 78 DECIMAL. CONFIGURATION: ANY XDS 900 SERIES COMPUTER WITH A CARD READER.

B3850650 000 AA 9-SERIES ABSOLUTE BINARY LOADER WITH CONSTANTS P VM
 010 AUTHOR XEROX
 020 850650-11A00 DESCRIPTION PRINTED
 030 850650-34A00 * SOURCE CARDS
 040 850650-84A00 ABSOLUTE BINARY CARDS
 050 ABSTRACT TO SIMPLIFY THE LOADING OF OBJECT PROGRAMS WHICH HAVE BEEN OUTPUT BY SYMBOL OR META-SYMBOL ON CARDS IN
 060 STANDARD BINARY FORMAT.
 070 COMMENTS SOURCE LANGUAGE: META-SYMBOL. SIZE 63 DECIMAL. CONFIGURATION: ANY XDS 900 SERIES COMPUTER WITH CARD
 080 READER.

B3850652 000 AA 9-SERIES THREE CARD RELOCATABLE LOADER P VM
 010 AUTHOR XEROX
 020 850652-11A00 DESCRIPTION PRINTED
 030 850652-34A00 * SOURCE CARDS
 040 850652-84A00 ABSOLUTE BINARY CARDS
 050 ABSTRACT TO LOAD ABSOLUTE OR RELOCATABLE PROGRAMS PRODUCED BY SYMBOL OR META-SYMBOL AND PRESENTED TO THE LOADER
 060 IN XDS STANDARD BINARY PUNCHED CARD FORMAT.
 070 COMMENTS SOURCE LANGUAGE: META-SYMBOL. SIZE 135 DECIMAL. CONFIGURATION: ANY XDS 900 SERIES COMPUTER WITH A CARDS
 080 READER.

B3850653 000 AA 9-SERIES OCTAL INPUT-ONE CARD LOADER P VM
 010 AUTHOR XEROX
 020 850653-11A00 DESCRIPTION PRINTED
 030 850653-34A00 * SOURCE CARDS
 040 850653-84A00 ABSOLUTE BINARY CARDS
 050 ABSTRACT TO ENABLE PROGRAM CORRECTION FROM CARDS PUNCHED IN A CONVENTENT OCTAL FORMAT.
 060 COMMENTS SIZE 32 DECIMAL. ANY XDS 900 SERIES COMPUTER.

B3850655 000 AA 9-SERIES PHOTO READER TEST PROGRAM D VM
 010 AUTHOR XEROX

020 850655-11A00 DESCRIPTION PRINTED
030 850655-44A00 * COMPRESSED CARDS
040 ABSTRACT THIS PROGRAM IS DESIGNED TO EXERCISE THE PHOTO READER AND TO TEST ITS OPERATION IN CONTINUOUS AS WELL AS
050 STOP-START MODES OF OPERATION. THE OPERATOR MAY VARY THE TIME CONSTANTS CONTROLLING THE STOP AND START
060 TO TEST EXTREME CONDITIONS.
070 COMMENTS SIZE 146 DECIMAL. CONFIGURATION: ANY 910,920, OR 930 WITH A PHOTO READER

B3850656 000 AA 9-SERIES 900 SERIES CARD READER TEST PROGRAM D VM
010 AUTHOR XEROX

020 850656-11A00 DESCRIPTION PRINTED
030 850656-44A00 * COMPRESSED CARDS
040 850656-84A00 ABSOLUTE BINARY CARDS
050 ABSTRACT TO VERIFY THE OPERATION OF THE XDS 9151 OR 9152 CARD READER.
060 COMMENTS SOURCE LANGUAGE: META-SYMBOL. SIZE 535 DECIMAL. CONFIGURATION: ANY XDS 900 SERIES COMPUTER WITH A CARD
070 PUNCH.

B3850657 000 AA 9-SERIES CARD PUNCH TEST PROGRAM PACKAGE -9156 D VM
010 AUTHOR XEROX

020 850657-11A00 DESCRIPTION PRINTED
030 850657-34A00 * SOURCE CARDS
040 ABSTRACT TO PROVIDE AN ACCEPTANCE TEST FOR THE XDS MODEL 9156 CARD PUNCH SYSTEM.
050 COMMENTS SIZE 172 DECIMAL. SOURCE LANGUAGE: META-SYMBOL. CONFIGURATION: ANY XDS 920/930 OR 910/925 WITH A
060 TYPEWRITER, AND XDS MODEL 9151 OR 9152 CARD READER ON CHANNEL A (*). INTERLACE IS NOT USED.

B3850658 000 AA 9-SERIES CARD PUNCH TEST PROGRAM -9157 D VM
010 AUTHOR XEROX

020 850658-11A00 DESCRIPTION PRINTED
030 850658-34A00 * SOURCE CARDS
040 850658-84A00 ABSOLUTE BINARY CARDS
050 TO PROVIDE A MEANS OF TESTING THE CARD PUNCH.
060 ABSTRACT SIZE 223 DECIMAL. CONFIGURATION: XDS 920 OR XDS 910 WITH MODEL 9156 CARD PUNCH SYSTEM. FOR THE VERIFY
070 COMMENTS TEST, AN XDS MODEL 9151 CARD READER AND A TYPEWRITER ARE REQUIRED.

B3850659 000 AA 9-SERIES CARD PUNCH TEST PROG/MOD.9157(INTERLACE) D VM
010 AUTHOR XEROX

020 850659-11A00 DESCRIPTION PRINTED
030 850659-44A00 * COMPRESSED CARDS
040 850659-84A00 ABSOLUTE BINARY CARDS
050 ABSTRACT TO PROVIDE A MEANS OF TESTING THE CARD PUNCH.

060 COMMENTS SOURCE LANGUAGE: META-SYMBOL. SIZE 608 DECIMAL. CONFIGURATION: ANY 910, 920, 925, OR 930 WITH MODEL 9157
070 CARD PUNCH COUPLER SYSTEM.

B3850660 000 AA 9-SERIES STANDARD CARD READER TEST DECK PROGRAM D VM

010 AUTHGR XEROX

020 850660-11A00 DESCRIPTION PRINTED

030 850660-74A00 DATA CARDS

040 ABSTRACT DOCUMENT STANDARD TEST CARD DECK FOR CARD READER TEST PROGRAM.

050 COMMENTS CONFIGURATION: ANY 900/9300 SERIES COMPUTER.

B3850661 000 AA 9-SERIES 9158 CARD PUNCH TEST PROGRAM D VM

010 AUTHOR XEROX

020 850661-11A00 DESCRIPTION PRINTED

030 850661-34A00 * SOURCE CARDS

040 ABSTRACT TO PROVIDE A MEANS OF TESTING THE CARD PUNCH.

050 COMMENTS SOURCE LANGUAGE: META-SYMBOL. SIZE: 230 DECIMAL. CONFIGURATION: ANY 925/930 COMPUTER WITH MODEL 9158

060 CARD PUNCH COUPLER SYSTEM. (WITHOUT INTERLACE AND EXTENDED MODE)

B3850662 000 AA 9-SERIES 900 SERIES FORTRAN II COMPILER DUMP P VM

010 AUTHOR XEROX

020 850662-11A00 DESCRIPTION PRINTED

030 850662-34A00 * SOURCE CARDS

040 ABSTRACT TO PROVIDE A MEANS OF DUMPING THE FORTRAN II COMPILER, PRECEDED BY AN ABSOLUTE BINARY LOADER, EITHER ON

050 PAPER TAPE OR CARDS. THIS ALLOWS THE USER TO GENERATE AN EXTENDED COMPILER INCORPORATING ANY OF THE

060 AVAILABLE COMPILER MODIFICATIONS.

070 COMMENTS SOURCE LANGUAGE: SYMBOL. SIZE:391 DECIMAL. CONFIGURATION: ANY XDS 900 SERIES COMPUTER WITH A PAPER TAPE

080 PUNCH OR CARD PUNCH.

B3850663 000 AA 9-SERIES BASIC SYMBOLIC MAGNETIC TAPE EDITOR P VM

010 AUTHOR XEROX

020 850663-11A00 DESCRIPTION PRINTED

030 850663-34A00 * SOURCE CARDS

040 850663-84A00 ABSOLUTE BINARY CARDS

050 ABSTRACT TO COPY AND UPDATE MAGNETIC TAPES CONTAINING VARIABLE LENGTH RECORDS (1-33 WORDS) OF BCD INFORMATION.

060 COMMENTS SOURCE LANGUAGE: FORTRAN, SYMBOL. SIZE:8000 DECIMAL. CONFIGURATION: ANY XDS 900 SERIES COMPUTER WITH 6K

070 MEMORY, TYPEWRITER, AND TWO MAGNETIC TAPES. A CARD READER IS DESIRABLE.

B3850666 000 AA 9-SERIES MAG TAPE STANDARD FILL SIMULATOR(910/920) P VM

010 AUTHOR XEROX

	020	850666-11A00	DESCRIPTION PRINTED	
	030	850666-34A00 *	SOURCE CARDS	
	040	ABSTRACT TO LOAD PROGRAMS FROM MAGNETIC TAPE 0 VIA THE STANDARD FILL PROCEDURE.		
	050	COMMENTS SIZE: 20 DECIMAL. CONFIGURATION: ANY XDS 900 SERIES COMPUTER WITH ONE MAGNETIC TAPE UNIT (SET TO ZERO).		
B3850667	000	AA 9-SERIES	BINARY INPUT-MAGNETIC TAPE ABSOLUTE LDR	P VM
	010	AUTHOR	XEROX	
	020	850667-11A00	DESCRIPTION PRINTED	
	030	850667-34A00 *	SOURCE CARDS	
	040	ABSTRACT TO SIMPLIFY THE LOADING OF OBJECT PROGRAMS WHICH HAVE BEEN OUTPUT BY SYMBOL OR META-SYMBOL ON LOW		
	050	DENSITY MAGNETIC TAPE IN STANDARD BINARY FORMAT.		
	060	COMMENTS SOURCE LANGUAGE: SYMBOL/META-SYMBOL. SIZE: 38 DECIMAL. ANY XDS 900 SERIES COMPUTER WITH MAGNETIC TAPE.		
B3850669	000	AA 9-SERIES	MONARCH - LIBPACK	P MM
	010	AUTHOR	XEROX DATA SYSTEMS	
	020	850669-11A00	DESCRIPTION PRINTED	
	030	850669-25A00	850035-85 RELOCATABLE BINARY MAG TAPE, 7 CHANNELS	
	040	850669-25A00	850036-85 RELOCATABLE BINARY MAG TAPE, 7 CHANNELS	
	050	850669-25A00	850037-85 RELOCATABLE BINARY MAG TAPE, 7 CHANNELS	
	060	850669-25A00	850038-85 RELOCATABLE BINARY MAG TAPE, 7 CHANNELS	
	070	850669-35A00	850000-35 SOURCE MAG TAPE, 7 CHANNELS	
	080	ABSTRACT TO PROVIDE A GENERALIZED GET/PUT PROGRAM DESIGNED TO CREATE BLOCKED LIBRARY MAG TAPES WRITTEN BCD OR		
	090	BINARY (ENCODED) TO FACILITATE TAPE STORAGE. THE PROGRAM ALSO PROVIDES THE ABILITY TO RECREATE HARD		
	100	COPY, PRINTED LISTS AND GENERATE MULTIPLE MASTER COPIES FOR BACK UP AND GENERAL DISTRIBUTION.		
	110	COMMENTS THIS PROGRAM IS PART OF 850000, MONARCH COMMON SOFTWARE PACKAGE. RELOCATABLE BINARY ARE PART OF THE		
	120	APPROPRIATE SYSTEM TAPE.		
B3850671	000	AA 9-SERIES	INSTRUCTION DIAGNOSTIC	D VM
	010	AUTHOR	XEROX	
	020	850671-11A00	900019 DESCRIPTION PRINTED	
	030	850671-44A00 *	COMPRESSED CARDS	
	040	900019	910/920 EXAMINER DIAGNOSTIC SYSTEM TECHNICAL MANUAL	
	050	ABSTRACT THIS PROGRAM AIDS IN DIAGNOSING FAULTY COMPUTERS BY VERIFYING PROPER EXECUTION OF COMPUTER LOGIC.		
	060	COMMENTS THIS PROGRAM IS PART OF THE 910/920 EXAMINER DIAGNOSTIC SYSTEM MODEL NUMBER 850670. SEE MANUAL NUMBER		
	070	900019: 910/920 EXAMINER DIAGNOSTIC SYSTEM TECH MANUAL.		
B3850675	000	AA 9-SERIES	15KC MAGNETIC TAPE TEST	D VM
	010	AUTHOR	XEROX	
	020	850675-11A00	DESCRIPTION PRINTED	

030 850675-34A00 * SOURCE CARDS
 040 850675-84A00 ABSOLUTE BINARY CARDS
 050 ABSTRACT TO PROVIDE A SIMPLE AND EASY MEANS FOR INITIAL CHECKOUT AND TESTING OF 15KC MAGNETIC TAPE UNITS.
 060 COMMENTS SIZE: 592 DECIMAL. CONFIGURATION: ALL XDS 920 SYSTEMS AND ANY 910 WITH A TYPEWRITER WHICH HAVE ONE OR
 070 MORE MAGNETIC TAPE UNITS CONNECTED TO THE W BUFFER.

B3850676 000 AA 9-SERIES MULTI-MAGNETIC TAPE SYSTEM EXERCISER P VM
 010 AUTHOR XEROX
 020 850676-11A00 DESCRIPTION PRINTED
 030 850676-34A00 * SOURCE CARDS
 040 850676-84A00 ABSOLUTE BINARY CARDS
 050 ABSTRACT THIS PROGRAM IS DESIGNED TO EXERCISE FROM ONE TO SIXTEEN TAPE UNITS BY FIRST WRITING RANDOM NUMBERS IN
 060 RANDOM LENGTH RECORDS ON ALL TAPES UNDER TEST AND THEN READING THESE RECORDS BACK AND COMPARING THEM
 070 WITH THE NUMBERS WRITTEN. AN ATTEMPT IS MADE TO TABULATE AND OUTPUT ALL USEFUL INFORMATION CONCERNING
 080 THE ERRORS MADE, IF ANY, THE MODE OF OPERATION OF EACH UNIT, AND THE NUMBER OF PASSES OVER THE TAPE.
 090 COMMENTS SIZE 1155 DECIMAL. CONFIGURATION: ALL 920, 925 AND 930 SYSTEMS. OR ANY 910 SYSTEMS WITH A TYPEWRITER,
 100 WHICH HAVE ONE TO SIXTEEN TAPE UNITS ATTACHED TO THE W AND / OR Y BUFFERS. NO INTERLACE IS REQUIRED AND
 110 THE TAPES MAY BE OF ANY DENSITY AND SPEED WITHIN THE LIMITATIONS OF THE BUFFER TO WHICH THEY ARE
 120 ATTACHED.

B3850677 000 AA 9-SERIES 92 PROCEDURE DECK P VM
 010 AUTHOR XEROX
 020 850677-11A00 DESCRIPTION PRINTED
 030 850677-34A00 * SOURCE CARDS
 040 ABSTRACT META-SYMBOL WITH THIS PROC DECK SERVES AS IN INTERIM ASSEMBLER IN PLACE OF 92 SYMBOL.
 050 COMMENTS PROGRAMS ASSEMBLED WITH THIS PROC DECK SHOULD BE PRECEDED BY AORG N, N> 32. THE FOLLOWING SHOULD NOT BE
 060 USED: TEXT, BCE, REG, REF, DEF, OPD, LOCAL SYMBOLS. SOURCE LANGUAGE: META-SYMBOL.

B3850678 000 AA 9-SERIES DEMONSTRATION OF LINKING UNDER MONARCH P VM
 010 AUTHOR XEROX
 020 850678-11A00 DESCRIPTION PRINTED
 030 850678-34A00 * SOURCE CARDS
 040 ABSTRACT TO DEMONSTRATE - COMPILING OF THREE LINKS, WRITING THE LINKS ON THE LINKING TAPE AND EXECUTING THE
 050 PROGRAM.
 060 COMMENTS SOURCE LANGUAGE: FORTRAN. CONFIGURATION: 900 SERIES WITH AT LEAST TWO MAGNETIC TAPES AND CARD READER.

B3850680 000 AA 9-SERIES FORTRAN II RUN-TIME DEBUG SUBROUTINE P VM
 010 AUTHOR XEROX
 020 850680-11A00 DESCRIPTION PRINTED

	030		850606-24A00	RELOCATABLE BINARY CARDS	
	040		850680-34A00 *	SOURCE CARDS	
	050	ABSTRACT	TO ALLOW THE USER TO EXAMINE THE VALUES OF VARIABLES DURING THE EXECUTION OF A FORTRAN PROGRAM AND TO		
	060		CHANGE THESE VALUES CONVENIENTLY.		
	070	COMMENTS	SOURCE LANGUAGE: SYMBOL. SIZE:319 DECIMAL. CONFIGURATION: ANY XDS 900 SERIES COMPUTER WITH TYPEWRITER.		
B3850681	000	AA 9-SERIES	42KC MAGNETIC TAPE TEST PROGRAM Y BUFFER		D VM
	010	AUTHOR	XEROX		
	020		850681-11A00	DESCRIPTION PRINTED	
	030		850681-34A00 *	SOURCE CARDS	
	040	ABSTRACT	TO PROVIDE A SIMPLE AND EASY MEANS FOR INITIAL CHECKOUT AND SUBSEQUENT TESTING OF TAPE UNITS.		
	050	COMMENTS	SIZE:593 DECIMAL. CONFIGURATION: ANY XDS 900 SERIES WITH A TYPEWRITER AND ONE OR MORE MAGNETIC TAPE		
	060		UNITS OF ANY TYPE EXCEPT 9145 ATTACHED TO THE Y BUFFER. THE BUFFER MUST BE INTERLACED.		
B3850682	000	AA 900-SERIES	42KC MAG TAPE SYS EXERCISER, Y BUF		D VM
	010	AUTHOR	XEROX		
	020		850682-11A00	DESCRIPTION PRINTED	
	030		850682-34A00 *	SOURCE CARDS	
	040	ABSTRACT	THIS PROGRAM IS DESIGNED TO EXERCISE FROM ONE TO EIGHT TAPE UNITS BY FIRST WRITING RANDOM NUMBERS IN		
	050		RANDOM LENGTH RECORDS ON ALL TAPES UNDER TEST AND THEN READING THESE RECORDS BACK AND COMPARING THEM		
	060		WITH THE NUMBERS WRITTEN. AN ATTEMPT IS MADE TO TABULATE AND OUTPUT ALL USEFUL INFORMATION CONCERNING		
	070		THE ERRORS MADE, IF ANY, THE MODE OF OPERATION OF EACH UNIT, AND THE NUMBER OF PASSES OVER THE TAPE.		
	080	COMMENTS	SIZE 990 DECIMAL. CONFIGURATION: ALL 920 SYSTEMS, OR ANY 910 WITH TYPEWRITER, WHICH HAVE ONE OR MORE		
	090		TAPE UNITS ATTACHED TO THE Y BUFFER THROUGH A 9248 TAPE CONTROL UNIT. THE Y BUFFER MUST HAVE A 9121		
	100		INTERLACE CONTROL ATTACHED.		
B3850684	000	AA 9-SERIES	CARD OR MAG TAPE TO BUFFERED LINE PRINTR		P VM
	010	AUTHOR	XEROX		
	020		850684-11A00	DESCRIPTION PRINTED	
	030		850684-44A00 *	COMPRESSED CARDS	
	040	ABSTRACT	TO PROVIDE A METHOD OF PRINTING CARD IMAGES FROM EITHER A CARD READER OR A MAGNETIC TAPE UNIT WITH OR		
	050		WITHOUT FORMAT CONTROL ON THE LINE PRINTER.		
	060	COMMENTS	SOURCE LANGUAGE: META-SYMBOL. SIZE: 806 DECIMAL. CONFIGURATION: ANY 900 SERIES COMPUTER WITH AN XDS		
	070		BUFFERED LINE PRINTER AND EITHER AN XDS MODEL 9151 CARD READER OR XDS MODEL (9145 OR 9240) MAGNETIC TAPE		
	080		UNIT.		
B3850686	000	AA 9-SERIES	FORTRAN FREE INTERRUPTS SUBROUTINE		P VM
	010	AUTHOR	XEROX		
	020		850686-11A00	DESCRIPTION PRINTED	

	030		850686-24A00	RELOCATABLE BINARY CARDS	
	040	ABSTRACT	TO ALLOW THE USER TO USE LOCATIONS 200-247 FOR INTERRUPTS DURING THE EXECUTION OF A FORTRAN OBJECT		
	050		PROGRAM.		
	060	COMMENTS	SOURCE LANGUAGE: META-SYMBOL. SIZE:136 DECIMAL. CONFIGURATION: ANY XDS 900 SERIES COMPUTER.		
B3850687	000	AA 9-SERIES	SEQ. NUMBER ASGMT.+P.T.Updating ROUTINES		P VM
	010	AUTHOR	XEROX		
	020		850687-11A00	DESCRIPTION PRINTED	
	030		850687-34A00 *	SOURCE CARDS	
	040	ABSTRACT	TO LIST THE SOURCE STATEMENT WITH SEQUENCE NUMBERS TO FACILITATE USE OF THE UPDATING PORTIONS OF THE		
	050		PROGRAM AND TO PUNCH AN UPDATED VERSION OF THE SOURCE PROGRAM.		
	060	COMMENTS	SOURCE LANGUAGE: META-SYMBOL. SIZE 4009 DECIMAL. CONFIGURATION: ANY XDS 900 SERIES COMPUTER WITH 4K		
	070		MEMORY, PAPER TAPE I/O AND TYPEWRITER.		
B3850688	000	AA 9-SERIES	UTILITY AND DEBUG PACKAGE (AID)		P VM
	010	AUTHOR	XEROX		
	020		850688-11A00	DESCRIPTION PRINTED	
	030		850688-44A00 *	COMPRESSED CARDS	
	040		850688-84A00	ABSOLUTE BINARY CARDS	
	050	ABSTRACT	PROVIDE VARIOUS UTILITY ROUTINE AND DEBUGGING AIDS FOR THE PROGRAMMER'S USE DURING ON-LINE PROGRAM		
	060		CHECKOUT.		
	070	COMMENTS	SOURCE LANGUAGE: META-SYMBOL. SIZE:2584 DECIMAL. CONFIGURATION: ANY 900 SERIES XDS COMPUTER WITH A		
	080		CONSOLE TYPEWRITER.		
B3850690	000	AA 900-SERIES	ALGOL 60 EXT'D UNBUF LINE PRT. LIB ROOT.		P VM
	010	AUTHOR	XEROX		
	020		850690-11A00	DESCRIPTION PRINTED	
	030		850690-24A00	RELOCATABLE BINARY CARDS	
	040		850690-34A00 *	SOURCE CARDS	
	050		850690-51A00	850690-11 LISTING PRINTED	
	060	ABSTRACT	TO ALLOW USE OF UNBUFFERED LINE PRINTER IN ALGOL SYSTEM. THIS LIBRARY PROGRAM IS LOADED WHEN OUTPUT TO		
	070		THE LINE PRINTER IS CALLED FOR IN AN ALGOL PROGRAM. OUTPUT TO THE LINE PRINTER IS		
	080	COMMENTS	SOURCE LANGUAGE: METASYMBOL. COMPUTER CONFIGURATION: ANY XDS 900 SERIES COMPUTER WITH AN UNBUFFERED		
	090		PRINTER (XDS MODEL NO. 9372).		
B3850691	000	AA 9-SERIES	BUFFERED LINE PRINTER TEST PROGRAM		D VM
	010	AUTHOR	XEROX		
	020		850691-11A00	DESCRIPTION PRINTED	
	030		850691-34A00 *	SOURCE CARDS	

	040		850691-84A00	ABSOLUTE BINARY CARDS	
	050	ABSTRACT	A SELF LOADING PROGRAM TO PERMIT VERIFICATION OF THE 9174 AND 9179 PRINTER 1 (W-BUFFER) ON A 910 OR 920.		
	060		INTERLACE IS NOT REQUIRED.		
	070	COMMENTS	SOURCE LANGUAGE:SYMBOL 8. SIZE: 1161 DECIMAL. CONFIGURATION: ANY XDS 900 SERIES COMPUTER WITH AN XDS		
	080		BUFFERED LINE PRINTER, USING 8 CHANNEL FORMAT TAPE FOR SKIPPING.		
B3850692	000	AA 9-SERIES	OFF-LINE PRINTER TEST		D VM
	010	AUTHOR	XEROX		
	020		850692-11A00	DESCRIPTION PRINTED	
	030		850692-34A00 *	SOURCE CARDS	
	040	ABSTRACT	TO PROVIDE A MEANS FOR TESTING THE OFF-LINE OPERATION OF THE PRINTER.		
	050	COMMENTS	SIZE: 406 DECIMAL. CONFIGURATION: ANY 910, 920, OR 930 WITH A TYPEWRITER, PRINTER WITH OFF-LINE FEATURE,		
	060		AND TAPE UNIT OR CARD READER ATTACHED TO THE W BUFFER.		
B3850693	000	AA 9-SERIES	BUFFERED PRINTER DIAGNOSTIC		D VM
	010	AUTHOR	XEROX		
	020		850693-11A00	DESCRIPTION PRINTED	
	030		850693-44A00 *	COMPRESSED CARDS	
	040		850693-84A00	ABSOLUTE BINARY CARDS	
	050	ABSTRACT	PROVIDE A COMPREHENSIVE TEST OF THE BUFFERED LINE PRINTER BY GENERATING SPECIFIED CHARACTER PATTERNS AND		
	060		TESTING THE RESPONSE OF THE PRINTER TO NORMAL COMMANDS.		
	070	COMMENTS	SOURCE LANGUAGE: META-SYMBOL. SIZE: 1290 DECIMAL. CONFIGURATION: ANY XDS 910, 920, 925, OR 930 COMPUTER		
	080		WITH A BUFFERED LINE PRINTER CONNECTED TO THE W OR Y BUFFER, AND WITH A TYPEWRITER CONNECTED TO THE W		
	090		BUFFER.		
B3850694	000	AA 9-SERIES	UNBUFFERED LINE PRINTER TEST		D VM
	010	AUTHOR	XEROX		
	020		850694-11A00	DESCRIPTION PRINTED	
	030		850694-44A00 *	COMPRESSED CARDS	
	040	ABSTRACT	PROVIDE A TEST OF THE MODEL 9372 PRINTER BY GENERATING SPECIFIED PRINT PATTERNS AND MONITORING THE		
	050		PRINTER'S RESPONSE TO PROGRAM GENERATED COMMANDS.		
	060	COMMENTS	SOURCE LANGUAGE: META-SYMBOL. SIZE 1510 DECIMAL. CONFIGURATION: ANY XDS 910, 920, 925, OR 930 COMPUTER		
	070		WITH A MODEL 9372 LINE PRINTER CONNECTED TO CHANNELS W OR Y AND A TYPEWRITER CONNECTED TO CHANNEL W.		
B3850695	000	AA 9-SERIES	42KC MAGNETIC TAPE TEST PROGRAM, W BUFFER		D VM
	010	AUTHOR	XEROX		
	020		850695-11A00	DESCRIPTION PRINTED	
	030		850695-34A00 *	SOURCE CARDS	
	040		850695-84A00	ABSOLUTE BINARY CARDS	

050 ABSTRACT TO PROVIDE A SIMPLE AND EASY MEANS FOR INITIAL CHECKOUT AND TESTING OF 42KC MAGNETIC TAPE UNITS.
060 COMMENTS SIZE 587 DECIMAL. ANY 900 SERIES WITH A TYPEWRITER AND ONE OR MORE MAGNETIC TAPE UNITS OF ANY TYPE
070 EXCEPT 9145 ATTACHED TO THE W BUFFER. THE BUFFER MUST BE INTERLACED.

B3850696 000 AA 9-SERIES 42KC MAGNETIC TAPE EXERCISER, W BUFFER D VM

010 AUTHOR XEROX

020 850696-11A00 DESCRIPTION PRINTED

030 850696-34A00 * SOURCE CARDS

040 ABSTRACT THIS PROGRAM IS DESIGNED TO EXERCISE FROM ONE TO EIGHT TAPE UNITS BY FIRST WRITING RANDOM NUMBERS IN
050 RANDOM LENGTH RECORDS ON ALL TAPES UNDER TEST AND THEN READING THESE RECORDS BACK AND COMPARING THEM
060 WITH THE NUMBERS WRITTEN. AN ATTEMPT IS MADE TO TABULATE AND OUTPUT ALL USEFUL INFORMATION CONCERNING
070 THE ERRORS MADE, IF ANY, THE MODE OF OPERATION OF EACH UNIT, AND THE NUMBER OF PASSES OVER THE TAPE.

080 COMMENTS SIZE 990 DECIMAL. CONFIGURATION: ALL 920 SYSTEMS (OR 910 WITH TYPEWRITER) WHICH HAVE ONE OR MORE TAPE
090 UNITS ATTACHED TO THE W BUFFER THROUGH A 9248 TAPE CONTROL UNIT. THE W BUFFER MUST HAVE A 9121
100 INTERLACE CONTROL ATTACHED.

B3850697 000 AA 9-SERIES R.T.FORTRAN LOADER PATCH FOR UNBUF.PRINT P VM

010 AUTHOR XEROX

020 850697-11A00 DESCRIPTION PRINTED

030 850697-34A00 * SOURCE CARDS

040 ABSTRACT TO ALLOW USE OF THE UNBUFFERED LINE PRINTER WITH THE STANDARD REAL-TIME FORTRAN II LOADER.

050 COMMENTS SOURCE LANGUAGE: SYMBOL/META-SYMBOL. SIZE:3420 DECIMAL. CONFIGURATION: ANY XDS 900 SERIES COMPUTER WITH
060 AT LEAST 8K MEMORY AND AN UNBUFFERED LINE PRINTER (XDS MODEL NO. 9372).

B3850698 000 AA 9-SERIES XDS FORTRAN DEMONSTRATION PROGRAM P VM

010 AUTHOR XEROX

020 ABSTRACT 850698-11A00 DESCRIPTION PRINTED

030 COMMENTS 850698-34A00 * SOURCE CARDS

040 MEMORY.

B3850699 000 AA 9-SERIES CALCOMP PLOTTER TEST D VM

010 AUTHOR XEROX

020 850699-11A00 DESCRIPTION PRINTED

030 850699-34A00 * SOURCE CARDS

040 850699-84A00 ABSOLUTE BINARY CARDS

050 ABSTRACT TO PROVIDE AN ACCEPTANCE TEST FOR THE XDS MODFL 9175-76 INCREMENTAL PLOTTER.

060 COMMENTS SIZE 265 DECIMAL. CONFIGURATION: ANY 910/920 COMPUTER WITH XDS MODEL 9175-76 INCREMENTAL PLOTTER.

B3850701 000 AA 9-SERIES PROGRAM CORRECTION TAPE GENERATOR P VM

010 AUTHOR XEROX
020 850701-11A00 DESCRIPTION PRINTED
030 850701-34A00 * SOURCE CARDS
040 ABSTRACT TO AUTOMATE MODIFICATION OF OBJECT PROGRAMS.
050 COMMENTS SIZE:447 DECIMAL. CONFIGURATION: ANY XDS 920 OR XDS 910 WITH PAPER TAPE PUNCH AND TYPEWRITER.

B3850702 000 AA 9-SERIES P + S REGISTER TESTER D VM
010 AUTHOR XEROX
020 850702-11A00 DESCRIPTION PRINTED
030 850702-34A00 * SOURCE CARDS
040 850702-51A00 LISTING PRINTED
050 900019 910/920 EXAMINER DIAGNOSTIC SYSTEM TECH MANUAL
060 ABSTRACT THIS PROGRAM EXERCISES THE P AND S REGISTERS AND THE DATA FLOW BETWEEN THE P,S AND C REGISTERS, BY
070 ACCESSING EVERY CELL IN MEMORY NOT USED BY THE PROGRAM WITH A BRM OR A BRK WHILE TESTING FOR CORRECT
080 RESPONSE AFTER THE ACCESS. THE IA FLIP-FLOP WHICH IS USED TO INCREMENT THE P AND C REGISTERS DURING BRM
090 AND BRK IS ALSO RIGOROUSLY EXERCISED.
100 COMMENTS THIS PROGRAM IS PART OF THE 910/920 EXAMINER DIAGNOSTIC SYSTEM, MODEL NUMBER 850670.

B3850703 000 AA 9-SERIES 910/920/925 DIAGNOSTIC CONTROL PROGRAM D VM
010 AUTHOR XEROX
020 850703-11A00 DESCRIPTION PRINTED
030 850703-44A00 * COMPRESSED CARDS
040 850703-51A00 LISTING PRINTED
050 ABSTRACT THE PURPOSE OF THIS DIAGNOSTIC CONTROL PROGRAM IS TO PROVIDE THE CONTROL INTERFACE, VIA THE TEST
060 LANGUAGE INTERPRETER, FOR SUBROUTINES THAT DRIVE A PERIPHERAL DEVICE AND TO CONTROL SUBROUTINE
070 INTERACTIVE FUNCTIONS. BY DESCRIBING THE STRUCTURE OF THE TEST LANGUAGE THAT THE OPERATOR WILL USE IN
080 ACTIVATING THE DCP, THIS DOCUMENT PROVIDES THE OPERATOR WITH A PERIPHERAL INDEPENDENT ON-LINE MEANS OF
090 DIRECTING THE SEQUENCE OF EVENTS PERFORMED UPON THE PERIPHERAL DEVICE. THIS PROGRAM IS ALSO A SOURCE
100 REFERENCE FOR DESCRIBING THE SUBROUTINES WHICH MUST BE ASSEMBLED WITH THE DCP, IF IT IS TO COMPRISE A
110 FREE-STANDING TEST PROGRAM.

B3850704 000 AA 9-SERIES DRUM, P.T. MEMORY BINARY COPY ROUTINE P VM
010 AUTHOR XEROX
020 850704-11A00 DESCRIPTION PRINTED
030 850704-34A00 * SOURCE CARDS
040 ABSTRACT TO COPY BINARY INFORMATION FROM MEMORY OR PAPER TAPE TO DRUM AND FROM DRUM TO PAPER TAPE.
050 COMMENTS SIZE:802 DECIMAL. CONFIGURATION: ANY 900 SERIES COMPUTER WITH 2K MEMORY AND A DRUM.

B3850705 000 AA 9-SERIES GENERAL DRUM HANDLER P VM

	010	AUTHOR	XEROX		
	020		850705-11A00	DESCRIPTION PRINTED	
	030		850705-34A00 *	SOURCE CARDS	
	040	ABSTRACT	TO PROVIDE A GENERAL METHOD OF WRITING AND READING FROM THE DRUM.		
	050	COMMENTS	SIZE:309 DECIMAL. CONFIGURATION: ANY 910/920 COMPUTER WITH A XDS MAGNETIC DRUM MEMORY (MODEL 9161).		
B3850706	000	AA 9-SERIES	MOSELEY PLOTTER TEST PROGRAM		P VM
	010	AUTHOR	XEROX		
	020		850706-11A00	DESCRIPTION PRINTED	
	030		850706-51A00	LISTING PRINTED	
	040	ABSTRACT	PLOTS AN X-SHAPED CONFIGURATION OF POINTS TO TEST A PLOTTER		
	050	COMMENTS	SIZE: 265 DECIMAL. CONFIGURATION: ANY XDS 910 OR 920 WITH MOSELEY PLOTTER.		
B3850708	000	AA 9-SERIES	FORTRAN II TYPE SUBR. (LONG CARRIAGE)		P VM
	010	AUTHOR	XEROX		
	020		850708-11A00	DESCRIPTION PRINTED	
	030		850708-34A00 *	SOURCE CARDS	
	040	ABSTRACT	TO REPLACE THE STANDARD TYPE SUBROUTINE AND TAKE ADVANTAGE OF THE LONG CARRIAGE (130 CHARACTERS)		
	050		TYPEWRITER9		
	060	COMMENTS	SOURCE LANGUAGE: SYMBOL. SIZE:59 DECIMAL. CONFIGURATION: ANY 900 SERIES COMPUTERS WITH 4K MEMORY.		
B3850711	000	AA 9-SERIES	PRIORITY INTERRUPT TEST		D VM
	010	AUTHOR	XEROX		
	020		850711-11A00	DESCRIPTION PRINTED	
	030		850711-84A00	ABSOLUTE BINARY CARDS	
	040	ABSTRACT	FOR USE IN CONJUNCTION WITH A SPECIAL TEST CARD TO FACILITATE TESTING OF PRIORITY INTERRUPTS DURING		
	050		PRODUCTION OR FIELD MAINTENANCE. OPTIONAL MODES OF TESTING ARE PROVIDED SO THAT THE PROGRAM MAY BE USED		
	060		AS A THROUGH, AUTOMATIC GO - NO - GO TEST OR AS A SEMIAUTOMATIC DIAGNOSTIC AID.		
	070	COMMENTS	SIZE 500 DECIMAL. CONFIGURATION: ANY 910/920 COMPUTER.		
B3850712	000	AA 9-SERIES	UNBUFFERED LINE PRINTER TEST PROGRAM		D VM
	010	AUTHOR	XEROX		
	020		850712-11A00	DESCRIPTION PRINTED	
	030		850712-34A00 *	SOURCE CARDS	
	040		850712-51A00	LISTING PRINTED	
	050	ABSTRACT	TO PROVIDE AN ACCEPTANCE TEST FOR THE XDS MODEL 9170 LINE PRINTER.		
B3850716	000	AA 9-SERIES	9161 DRUM MEMORY TEST PROGRAM		D VM
	010	AUTHOR	XEROX		

020 850716-11A00 DESCRIPTION PRINTED
030 850716-34A00 * SOURCE CARDS
040 ABSTRACT TO PROVIDE AN ACCEPTANCE TEST FOR THE XDS MODEL 9161-N DRUM MEMORY SYSTEM.
050 COMMENTS SIZE 1817 DECIMAL. CONFIGURATION: ANY XDS 910 OR 920 WITH TYPEWRITER AND AN XDS MODEL 9161-D DRUM MEMORY
060 SYSTEM AND AN INTERLACED A-BUFFER. THE "N" SIGNIFIES THE SIZE OF THE DRUM.

B3850717 000 AA 9-SERIES 1622 CARD READ/PUNCH TEST PROGRAM D VM

010 AUTHOR XEROX

020 850717-11A00 DESCRIPTION PRINTED

030 850717-34A00 * SOURCE CARDS

040 ABSTRACT TO PROVIDE AN ACCEPTANCE TEST FOR THE XDS MODEL 1622 CARD READ/PUNCH.

050 COMMENTS SOURCE LANGUAGE: SYMBOL 8. SIZE 474 DECIMAL. CONFIGURATION: ANY XDS 910 OR XDS 920 COMPUTER WITH
060 TYPEWRITER AND AN IBM 1622 CARD READER AND PUNCH.

B3850720 000 AA 9-SERIES POWER FAIL-SAFE INTERRUPT TESTER D VM

010 AUTHOR XEROX

020 850720-11A00 DESCRIPTION PRINTED

030 850720-34A00 * SOURCE CARDS

040 850720-51A00 LISTING PRINTED

050 ABSTRACT TO PROVIDE A PROGRAM TO TEST THE POWER FAIL-SAFE INTERRUPT SYSTEM.

060 COMMENTS CONFIGURATION: ANY 910, 920, OR 930.

B3850721 000 AA 9-SERIES ARM/DISARM FEATURE CHECKOUT D VM

010 AUTHOR XEROX

020 850721-11A00 DESCRIPTION PRINTED

030 850721-34A00 * SOURCE CARDS

040 850721-84A00 ABSOLUTE BINARY CARDS

050 ABSTRACT TO CHECK OUT, THOROUGHLY, THE OPERATION OF THE ARM-DISARM FEATURE.

060 COMMENTS SIZE 1652 DECIMAL. CONFIGURATION: ANY 900 SERIES COMPUTER WITH TYPEWRITER. 1 TO 896 CHANNELS OF SYSTEM
070 INTERRUPTS AND THE ARM-DISARM FEATURE.

B3850722 000 AA 9-SERIES FRANKLIN PRINTER TEST PROGRAM D VM

010 AUTHOR XEROX

020 850722-11A00 DESCRIPTION PRINTED

030 850722-34A00 * SOURCE CARDS

040 ABSTRACT TO PROVIDE A MEANS OF TESTING THE FRANKLIN PRINTER FOR PROPER OPERATION.

050 COMMENTS SOURCE LANGUAGE: SYMBOL. SIZE 867 DECIMAL. CONFIGURATION: ANY 910 OR 920 COMPUTER WITH 1,2, OR 3
060 FRANKLIN PRINTERS AND PAPER TAPE I/O.

B3850724 000 AA 9-SERIES 9158 CATHODE-RAY TUBE DISPLAY TEST PROG. D VM
 010 AUTHOR XEROX
 020 850724-11A00 DESCRIPTION PRINTED
 030 850724-44A00 * COMPRESSED CARDS
 040 850724-84A00 ABSOLUTE BINARY CARDS
 050 ABSTRACT TO PROVIDE A MEANS OF CHECKING OUT AND ADJUSTING THE DISPLAY COUPLER AND DISPLAY UNIT ALONG WITH ANY OF
 060 THE OPTIONAL DEVICES SUCH AS VECTOR GENERATOR, CHARACTER GENERATOR, OR LIGHT GUN.
 070 COMMENTS SIZE 4095 DECIMAL. SOURCE LANGUAGE: META-SYMBOL. CONFIGURATION: ANY XDS 900 SERIES COMPUTER WITH A MODEL
 080 9185-01 DISPLAY COUPLER AND A DISPLAY UNIT USING ONE OF THE FOLLOWING CHANNEL CONFIGURATION: XDS 910 OR
 090 920: 24-BIT Y BUFFER OR PARALLEL INPUT-PARALLEL OUTPUT (PIN-POP) CONNECTOR. XDS 925 OR 930: TMCC
 100 WITH 24-BIT CHARACTER SIZE OPTION OR ANY DACC OR PIN-POT CONNECTOR. A PAPER TAPE READER OR CARD READER
 110 ON CHANNEL W IS REQUIRED FOR PROGRAM LOADING. A TYPEWRITER ON CHANNEL W IS REQUIRED FOR
 120 OPERATOR-COMPUTER COMMUNICATION.

B3850725 000 AA 9-SERIES RAD APOCALYPTIC DIAGNOSTIC (RAD) D VM
 010 AUTHOR XEROX
 020 850725-11A00 DESCRIPTION PRINTED
 030 850725-51A00 850725-11 LISTING PRINTED
 040 850725-84A00 ABSOLUTE BINARY CARDS
 050 ABSTRACT TO PROVIDE A COMPREHENSIVE DIAGNOSTIC FOR CHECKOUT AND TESTING OF RAD'S.
 060 COMMENTS SOURCE LANGUAGE: META-SYMBOL. CONFIGURATION: AN XDS MODEL 910 OR 920 COMPUTER WITH A TYPEWRITER (NO. 1)
 070 ATTACHED TO THE W-BUFFER AND ONE OR MORE (9366) RAD'S ATTACHED TO A 24 BIT Y BUFFER WITH A 9321
 080 INTERLACE.

B3850726 000 AA 9-SERIES MODEL 9333 7 OR 8 LEVEL PAPER TAPE TEST D VM
 010 AUTHOR XEROX
 020 850726-11A00 DESCRIPTION PRINTED
 030 850726-44A00 * COMPRESSED CARDS
 040 850726-84A00 ABSOLUTE BINARY CARDS
 050 ABSTRACT THE PROGRAM IS DESIGNED TO VERIFY THE CAPABILITIES OF THE READER AND PUNCH MECHANISM AND ELECTRONICS. IT
 060 IS SUGGESTED THAT THE APPROPRIATE 7-LEVEL PAPER TAPE TEST PROGRAM BE USED TO EXERCISE THE SPOOLER
 070 MECHANISM AND THE START-STOP CHARACTERISTICS OF THE PINCH ROLLER.
 080 COMMENTS SOURCE LANGUAGE: META-SYMBOL. SIZE 861 DECIMAL. CONFIGURATION: ANY XDS 910, 920, 925 OR 930 COMPUTER WITH
 090 A MINIMUM OF 2K OF MEMORY, A TYPEWRITER, AND A MODEL 933 7- OR 8-LEVEL PAPER TAPE READER AND PUNCH,
 100 CONNECTED AS UNIT NUMBER 1 AND 2 TO A W OR Y BUFFER. INTERLACE IS NOT USED.

B3850727 000 AA 9-SERIES 9185 CATHODE RAY TUBE DISPLAY UNIT/S REI D VM
 010 AUTHOR XEROX
 020 850727-11A00 DESCRIPTION PRINTED

	030		850727-44A00 *	COMPRESSED CARDS	
	040	ABSTRACT	TO PROVIDE A MEANS OF CHECKOUT AND ADJUSTMENT OF THE OSCILLOSCOPE COUPLER, DISPLAY UNIT, AND REFRESH MEMORY.		
	050				
	060	COMMENTS	SOURCE LANGUAGE: META-SYMBOL. CONFIGURATION: XDS 910 COMPUTER WITH A MODEL 9185 CRT + STE-10 REFRESH MEMORY ATTACHED TO THE Y BUFFER. THE PROGRAM REQUIRES INTERLACE FEATURE TO BE PRESENT. A PAPER TAPE READER OR CARD READER ATTACHED TO THE W BUFFER IS REQUIRED FOR PROGRAM LOADING. A TYPEWRITER ATTACHED TO THE W BUFFER IS REQUIRED FOR OPERATOR-COMPUTER COMMUNICATION.		
	070				
	080				
	090				
B3850739	000	AA 9-SERIES		ANALOG COMPARISON TEST	D VM
	010	AUTHOR	XEROX		
	020		850739-11A00	DESCRIPTION PRINTED	
	030		850739-34A00 *	SOURCE CARDS	
	040	ABSTRACT	INPUTS TEN SETS OF ANALOG DATA AT A 400 CYCLE RATE AND COMPARES LAST NINE DATA SETS WITH THE INITIAL DATA SET.		
	050				
	060	COMMENTS	SIZE:260 DECIMAL. CONFIGURATION: ANY XDS 910 OR 920 WITH TYPEWRITER, AN AD10-9 ANALOG TO DIGITAL CONVERTER, MC31-4 20-CHANNEL MULTIPLEXER, AND 9128 PRIORITY INTERRUPT CONTROL.		
	070				
B3850740	000	AA 920		SEISMIC DUMP A AND B FORMATS	P VM
	010	AUTHOR	XEROX		
	020		850740-11A00	DESCRIPTION PRINTED	
	030		850740-24A00	RELOCATABLE BINARY CARDS	
	040		850740-44A00 *	COMPRESSED CARDS	
	050		850740-51A00	LISTING PRINTED	
	060	ABSTRACT	XDS 920 SEISMIC TAPE DUMP PROGRAMS FOR 9 TRACK GAPPED OR GAPLESS TAPES WITH A OR B FORMAT. THE OUTPUT FROM THESE PROGRAMS IS UTILIZED FOR VERIFICATION OF SEISMIC DATA TAPES.		
	070				
	080	COMMENTS	FOUR SEISMIC TAPE DUMP PROGRAMS ARE PROVIDED. ONE FOR EACH OF THE INPUT TAPE FORMATS; A FORMAT GAPPED AFORMAT GAPLESS BFORMAT GAPPED B FORMAT GAPLESS		
	090				
B3850741	000	AA 930		PATCH, PROGRAMMED ANALOG TOTAL CHECK	D VM
	010	AUTHOR	XEROX		
	020		850741-11A00	DESCRIPTION PRINTED	
	030		850741-24A00	RELOCATABLE BINARY CARDS	
	040		850741-44A00 *	COMPRESSED CARDS	
	050		850741-51A00	LISTING PRINTED	
	060	ABSTRACT	THIS COMPILER-RUN TIME COMBINATION PROVIDES ON-LINE STATIC AND OFF-LINE DYNAMIC CHECK VALUES FOR VERIFICATION OF HYBRID AND ANALOG COMPUTER SOLUTIONS. THE ON-LINE STATIC CHECK ALSO PROVIDES FOR ANALOG COMPONENT DIAGNOSTICS.		
	070				
	080				
	090	COMMENTS	SOURCE LANGUAGE: META-SYMBOL. CONFIGURATION: 900 SERIES REAL-TIME MONITOR		

B3850742	000	AA 930	DEE-6D SIMULATOR SYSTEM HANDLERS	P VM
	010	AUTHOR	XEROX	
	020		850742-11A00 DESCRIPTION PRINTED	
	030		850742-34A00 * SOURCE CARDS	
	040	ABSTRACT	TO PROVIDE A SOFTWARE INTERFACE TO THE SYSTEM HARDWARE.	
	050	COMMENTS	SOURCE LANGUAGE: META-SYMBOL. CONFIGURATION: XDS 930 WITH 32K CORE AND DEE-6D HARDWARE.	
B3850743	000	AA 910	JPL HSDL TEST PROGRAM	D VM
	010	AUTHOR	XEROX	
	020		850743-11A00 DESCRIPTION PRINTED	
	030		850743-34A00 * SOURCE CARDS	
	040		850743-51A00 LISTING PRINTED	
	050	ABSTRACT	THE PROGRAM TESTS THE TRANSFER OF DATA TO AND FROM THE HSDL UNIT VIA THE COMPUTER'S POT AND PIN LINES.	
	060		DATA WORDS ARE SENT OUT AND COMPARED WITH THE WORDS RETURNED. IF THE TWO ARE NOT IDENTICAL, AN ERROR	
	070		MESSAGE IS PRINTED. THE PROGRAM IS SELF-LOADING.	
	080	COMMENTS	OPTIONS ARE PROVIDED TO SEND 24 BIT OR 12 BIT PSEUDO-RANDOM NUMBERS OR TO ALLOW OPERATOR INPUT OF DATA	
	090		WORDS.	
B3850744	000	AB 920	JPL HSDL COUPLER EXERCISER	D VM
	010	AUTHOR	XDS DATA SYSTEMS	
	020		850744-11A00 DESCRIPTION PRINTED	
	030		850744-44B00 * COMPRESSED CARDS	
	040	ABSTRACT	EXERCISES THE JPL ASDL COUPLER IN TEST MODE BY REPEATEDLY TRANSMITTING, RECEIVING, AND COMPARING A	
	050		SYNCH-HEADER WORD AND A DATA WORD. BOTH WORDS CAN BE VARIED BY THE OPERATOR. COMPARISON, INTERRUPT, AND	
	060		SKS ERRORS ARE REPORTED ON THE TYPEWRITER.	
	070	COMMENTS	CONFIGURATION: ASDL, PAPER TAPE READER, TELETYPE AND 910 OR 920 COMPUTER.	
B3850754	000	AB 900-SERIES	ADAPT COMPILER	P VM
	010	AUTHOR	XEROX	
	020		850754-11B00 DESCRIPTION PRINTED	
	030		850754-35B00 * SOURCE MAG TAPE, 7 CHANNELS	
	040	ABSTRACT	ADAPT IS A SYSTEM FOR THE COMPUTER-ASSISTED PROGRAMMING OF NUMERICALLY CONTROLLED MACHINE TOOLS, FLAME-	
	050		CUTTERS, DRAFTING MACHINES, AND SIMILAR EQUIPMENT. IT IS PRODUCTION ORIENTED, THAT IS, IT IS WRITTEN TO	
	060		SIMPLIFY THE EFFORT, TIME, AND MONEY NEEDED TO TAKE FULL ADVANTAGE OF NUMERICALLY CONTROLLED TECHNIQUES	
	070		IN ENGINEERING AND MANUFACTURING.	
	080	COMMENTS	SOURCE LANGUAGE: FORTRAN II. CONFIGURATION: ANY XDS 900 SERIES COMPUTER. MONARCH OPERATING SYSTEM	
	090		CONFIGURATION WITH AT LEAST 16K CORE MEMORY, 3 MAGNETIC TAPES A TYPEWRITER A CARD READER, A LINE	
	100		PRINTER. (BUFFERED OR UNBUFFERED) AND AN 8-LEVEL PAPER TAPE PUNCH. (OR RAD MONARCH CONFIGURATION).	

B3850755	000	AA 925	9TK EXTEND MODE MULTI-MAG TAPE EXERCISER	D MM
	010	AUTHOR	XEROX	
	020		850755-11A00 DESCRIPTION PRINTED	
	030		850755-44A00 * COMPRESSED CARDS	
	040		850755-51A00 LISTING PRINTED	
	050		850755-84A00 ABSOLUTE BINARY CARDS	
	060	ABSTRACT	PURPOSE: THE PROGRAM IS DESIGNED TO EXERCISE 1 TO 8 MAGNETIC TAPES ON CHANNELS A THROUGH H. (1 TAPE PER	
	070		CHANNEL) THE EXERCISER OPERATES UNDER INTERRUPT CONTROL IN THE EXTENDED MODE USING ALL FUNCTION CODES,	
	080		SKS'S AND EMOS ASSOCIATED WITH THE CHANNEL AND MAGNETIC TAPE.	
	090	COMMENTS	MINIMUM SYSTEM CONFIGURATION: 8K MEMORY KEYBOARD/PRINTER CARD READER OR PAPER TAPE READER 1 TO 8 MODEL	
	100		95489 9TRACK MAGNETIC TAPE SYSTEMS	
B3850765	000	AA 910	910/925 PROGRAM OPERATOR PACKAGE (COVER)	P MM
	010	AUTHOR	XEROX	
	020		850765-11A00 DESCRIPTION PRINTED	
	030		850765-35A00 850095-35 SOURCE MAG TAPE, 7 CHANNELS	
	040		900018 910/925 PROGRAMMER OPERATORS TECH MANUAL	
	050	ABSTRACT	THIS PACKAGE INCLUDES THE ENTIRE PROGRAM OPERATOR PACKAGE (POP) DESCRIBED IN TECHNICAL MANUAL 900018,	
	060		(910/925 PROGRAM OPERATOR TECHNICAL MANUAL)	
	070	COMMENTS	SEE THE TECH MANUAL (900018) FOR THE COMPUTER CONFIGURATION.	
B3850808	000	AA 9-SERIES	910/925 FORTRAN II SYSTEM (STAND ALONE)	P MM
	010	AUTHOR	XEROX	
	020		850808-11A00 DESCRIPTION PRINTED	
	030		850808-35A00 850210-35 SOURCE MAG TAPE, 7 CHANNELS	
	040		900003 900 SERIES FORTRAN II REFERENCE MANUAL	
	050		900587 900 SERIES FORTRAN II OPERATIONS MANUAL	
	060	ABSTRACT	THIS PROGRAM INCLUDES THE FOLLOWING: TITLES: 910 FORTRAN II COMPILER PERFORATED TAPE INPUT, 910 FORTRAN	
	070		II LIBRARY PERFORATED TAPE INPUT, 910 FORTRAN II RUN-TIME PERFORATED TAPE INPUT, AND FORTRAN II	
	080		LOADER-PAPER TAPE VERSION.	
	090	COMMENTS	SEE MANUAL 900003, 900 SERIES FORTRAN II REFERENCE MANUAL AND MANUAL 900587, 900 SERIES FORTRAN II	
	100		OPERATIONS MANUAL. SIZE:4096 DECIMAL.	
B3850816	000	AA 9-SERIES	910/925 ALGOL 60 BASIC 4K SYSTEM	P MM
	010	AUTHOR	XEROX	
	020		850816-11A00 DESCRIPTION PRINTED	
	030		850816-44A00 * COMPRESSED CARDS	
	040		900699 XDS ALGOL 60 REFERENCE MANUAL	
	050	ABSTRACT	TO COMPILE, LOAD AND EXECUTE ALGOL PROGRAMS FROM A FREE STANDING SYSTEM.	

060 COMMENTS SOURCE LANGUAGE: META-SYMBOL. CONFIGURATION: 910/925 COMPUTER WITH AT LEAST 4K MEMORY, TYPEWRITER AND
070 PAPER TAPE I/O. SEE MANUAL NO. 900699.

B3850830 000 AA 9-SERIES 910/925 P.T. FORTRAN II (S/A) SYSTEM P VM

010 AUTHOR XEROX

020 850830-11A00 DESCRIPTION PRINTED

030 850830-35A00 850400-35 SOURCE MAG TAPE, 7 CHANNELS

040 901048 920/930 REAL TIME FORTRAN II TECHNICAL

050 900003 900 SERIES FORTRAN II REFERENCE MANUAL,

060 900587 900 SERIES FORTRAN II OPERATIONS MANUAL,

070 ABSTRACT TO PROVIDE A REAL-TIME FORTRAN II SYSTEM FOR THE 900 SERIES COMPUTERS. THE COMPILER, LOADER, AND

080 RUN-TIME ARE ALL DISTRIBUTED ON A SINGLE ABSOLUTE BINARY PAPER TAPE.

090 COMMENTS SOURCE LANGUAGE: SYMBOL, META-SYMBOL. SIZE 8000 DECIMAL. CONFIGURATION: ANY 900 SERIES COMPUTER WITH AT

100 LEAST 8000 WORDS OF MEMORY. SEE MANUALS 901048, 900003, AND 900587. THIS PROGRAM INCLUDES THE P.T.

110 FORTRAN II COMPILER, LOADER AND RUN-TIME.

B3850831 000 AA 9-SERIES XDS PINT 910-BUFFERED PRINT P VM

010 AUTHOR XEROX

020 850831-11A00 901023 DESCRIPTION PRINTED

030 850831-34A00 * SOURCE CARDS

040 850831-84A00 ABSOLUTE BINARY CARDS

050 901023 XDS PINT REFERENCE MANUAL

060 ABSTRACT XDS VERSION OF THE PURDUE INTERPRETER. THIS SYSTEM OPERATES WITH A BUFFERED LINE PRINTER.

070 COMMENTS SEE MANUAL NO. 901023, XDS PINT REFERENCE MANUAL.

B3850832 000 AA 9-SERIES XDS 910 PINT-UNBUFFERED PRINT P VM

010 AUTHOR XEROX

020 850832-11A00 901023 DESCRIPTION PRINTED

030 850832-34A00 * SOURCE CARDS

040 850832-84A00 ABSOLUTE BINARY CARDS

050 901023 XDS PINT REFERENCE MANUAL

060 ABSTRACT XDS VERSION OF THE PURDUE INTERPRETER. THIS SYSTEM OPERATES WITH AN UNBUFFERED LINE PRINTER.

070 COMMENTS SEE MANUAL NO. 901023, XDS PINT REFERENCE MANUAL.

B3850833 000 AA 9-SERIES XDS 910/925 FORTRAN II FORMAT STATEMENTS P VM

010 AUTHOR XEROX

020 850833-11A00 DESCRIPTION PRINTED

030 850833-34A00 * SOURCE CARDS

040 ABSTRACT TO PROVIDE THREE NEW WAYS OF SPECIFYING FORMAT STATEMENTS.

	050	COMMENTS	SOURCE LANGUAGE: SYMBOL, SIZE 39 DECIMAL, CONFIGURATION: ANY XDS 910/925 COMPUTER, THIS MODIFICATION IS
	060		APPLICABLE ONLY TO THE STAND-ALONE FORTRAN II SYSTEM.
B3850835	000	AA 9-SERIES	910/925 FORTRAN II CARD INPUT MOD. P VM
	010	AUTHOR	XEROX
	020		850835-11A00 DESCRIPTION PRINTED
	030		850835-34A00 * SOURCE CARDS
	040	ABSTRACT	TO INPUT FORTRAN SOURCE PROGRAMS FROM THE CARD READER.
	050	COMMENTS	SIZE:10 DECIMAL, CONFIGURATION: ANY XDS 910 COMPUTER WITH CARD READER, THIS MODIFICATION IS APPLICABLE
	060		ONLY TO THE STAND-ALONE FORTRAN II SYSTEM
B3850836	000	AA 9-SERIES	910/925 FORTRAN II CARD PUNCH TAPE MOD. P VM
	010	AUTHOR	XEROX
	020		850836-11A00 DESCRIPTION PRINTED
	030		850836-34A00 * SOURCE CARDS
	040	ABSTRACT	TO INPUT FORTRAN SOURCE PROGRAMS FROM EITHER THE CARD READER OR PAPER TAPE READER UNDER BREAKPOINT
	050		CONTROL.
	060	COMMENTS	SIZE 71 DECIMAL, CONFIGURATION: ANY XDS 910 COMPUTER WITH CARD READER, THIS MODIFICATION IS APPLICABLE
	070		ONLY TO THE STAND-ALONE FORTRAN II SYSTEM.
B3850841	000	AA 9-SERIES	910/925 FORTRAN II MAG TAPE OUTPUT MOD. P VM
	010	AUTHOR	XEROX
	020		850841-11A00 DESCRIPTION PRINTED
	030		850841-34A00 * SOURCE CARDS
	040	ABSTRACT	TO WRITE A COMPILED FORTRAN PROGRAM ON MAGNETIC TAPE.
	050	COMMENTS	SIZE 371 DECIMAL, CONFIGURATION: ANY XDS 910 COMPUTER WITH A MAGNETIC TAPE, THIS MODIFICATION IS
	060		APPLICABLE ONLY TO THE STAND-ALONE FORTRAN II SYSTEM.
B3850842	000	AA 9-SERIES	910/925 F-II M.T. PAPER TAPE OUTPUT MOD P VM
	010	AUTHOR	XEROX
	020		850842-11A00 DESCRIPTION PRINTED
	030		850842-34A00 * SOURCE CARDS
	040	ABSTRACT	TO OUTPUT COMPILED FORTRAN PROGRAMS ON EITHER MAGNETIC TAPE OR PAPER TAPE UNDER BREAKPOINT CONTROL.
	050	COMMENTS	ASSEMBLY LANGUAGE USED: SYMBOL 8, SIZE 442 DECIMAL, CONFIGURATION: ANY XDS 910 COMPUTER WITH A MAGNETIC
	060		TAPE UNIT, THIS MODIFICATION IS APPLICABLE ONLY TO THE STANDALONE FORTRAN II SYSTEM.
B3850848	000	AA 9-SERIES	910/925 SORT MERGE (COVER) P VM
	010	AUTHOR	XEROX
	020		850848-11A00 901044 DESCRIPTION PRINTED

030 850848-45A00 * COMPRESSED MAG TAPE, 7 CHANNELS
 040 850848-84A00 ABSOLUTE BINARY CARDS
 050 900997 XDS SORT/MERGE REFERENCE MANUAL
 060 901044 SORT/MERGE TECHNICAL MANUAL 9SERIES/9300 COMPUTERS
 070 ABSTRACT THIS NUMBER COVERS CATALOG NUMBERS 850849 (910/925 SORT) AND 850850 (910/925 MERGE). IT PROVIDES A
 080 COMPREHENSIVE SORTING CAPABILITY FOR 910/925 SYSTEMS. IT IS CONTROL-CARD DRIVEN AND AVAILABLE ON
 090 CARDS. SEE XDS REFERENCE MANUAL 90097 FOR DESCRIPTION OF USE.
 100 COMMENTS THIS PROGRAM WILL RUN UNDER MONARCH OPERATING SYSTEM. PROGRAM TYPE IS UTILITY. BASE LANGUAGE MAIN
 110 PROGRAM IS WRITTEN IN METASYMBOL.
 120 SOURCE LANGUAGE IS METASYMBOL. REQUIRES 8K WORDS FOR FULL CAPACITY VERSION UNDER MONARCH, THREE
 130 TAPE UNITS, ONE CARD READER, AND ONE TYPEWRITER.

B3850857 000 AA 9-SERIES 910/925 FORTRAN II BUFFERED PRT. MOD. P VM
 010 AUTHOR XEROX
 020 850857-11A00 DESCRIPTION PRINTED
 030 850857-34A00 * SOURCE CARDS
 040 ABSTRACT TO LIST FORTRAN SOURCE PROGRAMS ON THE BUFFERED LINE PRINTER.
 050 COMMENTS SIZE:53 DECIMAL. CONFIGURATION: ANY XDS 910 COMPUTER WITH A BUFFERED PRINTER (XDS MODEL NO. 9113). THIS
 060 MODIFICATION IS APPLICABLE ONLY TO THE STAND-ALONE FORTRAN II SYSTEM.

B3850858 000 AA 9-SERIES 910/925 FORTRAN II FAST LISTING MOD. P VM
 010 AUTHOR XEROX
 020 850858-11A00 DESCRIPTION PRINTED
 030 850858-34A00 * SOURCE CARDS
 040 ABSTRACT TO IMPROVE THE SPEED WHEN LISTING FORTRAN SOURCE PROGRAMS DURING COMPILATION.
 050 COMMENTS SOURCE LANGUAGE: SYMBOL. SIZE:4 DECIMAL. CONFIGURATION: ANY XDS 910/925 WITH A LINE PRINTER. THIS
 060 MODIFICATION IS APPLICABLE ONLY TO THE STAND-ALONE FORTRAN II SYSTEM.

B3850859 000 AA 9-SERIES 910/925 FORTRAN II UNBUFFERED PRTP. MOD. P VM
 010 AUTHOR XEROX
 020 850859-11A00 DESCRIPTION PRINTED
 030 850859-34A00 * SOURCE CARDS
 050 ABSTRACT TO LIST FORTRAN SOURCE PROGRAMS ON THE UNBUFFERED LINE PRINTER.
 060 COMMENTS SIZE 124 DECIMAL. CONFIGURATION: ANY XDS 910/925 COMPUTER WITH AN UNBUFFERED PRINTER (XDS MODEL NO.
 070 9372). THIS MODIFICATION IS APPLICABLE ONLY TO THE STAND-ALONE FORTRAN II SYSTEM.

B3850862 000 AA 9-SERIES 910 FORTRAN DRUM LINKING SYSTEM P VM
 010 AUTHOR XEROX
 020 850862-11A00 DESCRIPTION PRINTED

	030		850862-34A00 *	SOURCE CARDS	
	040		ABSTRACT TO PROVIDE THE STANDARD 910 FORTRAN SYSTEM WITH THE DRUM LINKING CAPABILITY.		
	050		COMMENTS CONFIGURATION: ANY 910 COMPUTER WITH 4K OF MEMORY AND A DRUM (XDS 9161).		
B3850864	000	AA	9-SERIES	FORTRAN II DRUM READ/WRITE MODIFICATION	P VM
	010		AUTHOR	XEROX	
	020		850864-11A00	DESCRIPTION PRINTED	
	030		850864-34A00 *	SOURCE CARDS	
	040		ABSTRACT ALLOWS THE USE OF DRUM READ/WRITE STATEMENTS IN A FORTRAN PROGRAM.		
	050		COMMENTS SIZE:33 DECIMAL. CONFIGURATION: ANY XDS 910 COMPUTER WITH A MAGNETIC DRUM MEMORY (XDS MODEL 9161). THIS		
	060		MODIFICATION IS APPLICABLE ONLY TO THE STAND-ALONE FORTRAN II SYSTEM.		
B3850901	000	AA	9-SERIES	910/925 STANDARD ANALOG TEST PROGRAM	D VM
	010		AUTHOR	XEROX	
	020		850901-11A00	DESCRIPTION PRINTED	
	030		850901-44A00 *	COMPRESSED CARDS	
	040		ABSTRACT TO CALIBRATE AND TEST ANALOG I/O EQUIPMENT.		
	050		COMMENTS SOURCE LANGUAGE: META-SYMBOL. SIZE 12288. CONFIGURATION: ANY 910/925 WITH ASSOCIATED ANALOG I/O		
	060		EQUIPMENT, TYPEWRITER AND PAPER TAPES I/O.		
B3850914	000	AA	9-SERIES	LINEAR INTERPOLATION-1 INDEPENDENT VARI	P VM
	010		AUTHOR	XEROX	
	020		850914-11A00	DESCRIPTION PRINTED	
	030		850914-24A00	RELOCATABLE BINARY CARDS	
	040		850914-44A00 *	COMPRESSED CARDS	
	050		ABSTRACT TO FIND A FUNCTION OF A GIVEN ARGUMENT, X, BY STRAIGHTLINE INTERPOLATION IN A TABLE OF X, F(X) PAIRS,		
	060		WHERE SPEED OF EXECUTION IS THE PRIMARY CONSIDERATION.		
	070		COMMENTS SIZE 23 DECIMAL. SOURCE LANGUAGE: META-SYMBOL. CONFIGURATION: ANY 920/930.		
B3850915	000	AA	9-SERIES	LINEAR INTERPOLATION-2 INDEPENDENT VARI	P VM
	010		AUTHOR	XEROX	
	020		850915-11A00	DESCRIPTION PRINTED	
	030		850915-24A00	RELOCATABLE BINARY CARDS	
	040		850915-44A00 *	COMPRESSED CARDS	
	050		ABSTRACT TO FIND A FUNCTION OF TWO GIVEN ARGUMENTS, X AND Y, BY THREE STRAIGHT-LINE INTERPOLATIONS IN A TABLE OF		
	060		X, Y, F(X,Y), WHERE SPEED OF EXECUTION IS THE PRIMARY CONSIDERATION.		
	070		COMMENTS SIZE 74 DECIMAL. SOURCE LANGUAGE: META-SYMBOL. CONFIGURATION: ANY 920/930.		
B3850916	000	AA	9-SERIES	LINEAR INTERPOLATION-3 INDEPENDENT VARI	P VM

	010	AUTHOR	XEROX		
	020		850916-11A00	DESCRIPTION PRINTED	
	030		850916-44A00 *	COMPRESSED CARDS	
	040	ABSTRACT	TO FIND A FUNCTION OF THREE GIVEN ARGUMENTS, X, Y, AND Z, BY SEVEN STRAIGHT-LINE INTERPOLATIONS IN A		
	050		TABLE OF X, Y, Z F (X, Y, Z), WHERE SPEED OF EXECUTION IS THE PRIMARY CONSIDERATION.		
	060	COMMENTS	SIZE 135 DECIMAL. SOURCE LANGUAGE: META-SYMBOL CONFIGURATION: ANY 920/930.		
B3850919	000	AA 920	920/930 PROGRAMMED OPERATOR PACKAGE		P MM
	010	AUTHOR	XEROX		
	020		850919-35A00	850095-35 SOURCE MAG TAPE, 7 CHANNELS	
	030		900020	920/930 PROGRAMMED OPERATORS TECH MANUAL	
	040	ABSTRACT	THIS PACKAGE INCLUDES THE ENTIRE PROGRAM OPERATOR PACKAGE (POP) DESCRIBED IN TECHNICAL MANUAL 900020,		
	050		(920/930 PROGRAM OPERATOR TECHNICAL MANUAL).		
	060	COMMENTS	SEE THE TECH MANUAL (900020) FOR THE COMPUTER CONFIGURATION.		
B3850957	000	AA 9-SERIES	920/930 FORTRAN II SYSTEM (STAND ALONE)		P VM
	010	AUTHOR	XEROX		
	020		850957-11A00	DESCRIPTION PRINTED	
	030		850957-84A00	ABSOLUTE BINARY CARDS	
	040		850957-35A00	850315-35 SOURCE MAG TAPE, 7 CHANNELS	
	050		900587	900 SERIES FORTRAN II OPERATIONS MANUAL	
	060		900003	900 SERIES FORTRAN II REFERENCE MANUAL	
	070	ABSTRACT	THIS IS THE STAND-ALONE 920/930 FORTRAN-II PACKAGE CONSISTING OF COMPILER, LOADER AND RUN-TIME/LIBRARY		
	080	COMMENTS	SOURCE LANGUAGE: SYMBOL. SIZE 4096 DECIMAL. THIS PROGRAM COVERS 850958, 850959, 850960. SEE MANUALS 900587,		
	090		900 SERIES FORTRAN II OPERATIONS, 900003, 900 SERIES FORTRAN II REFERENCE MANUAL AND 901048, 900 SERIES		
	100		FORTRAN II TECHNICAL MANUAL. CONFIGURATION: ANY 920/930 COMPUTER.		
B3850963	000	AA 9-SERIES	FORTRAN II FORMATS-AT RUN-TIME MOD.		P VM
	010	AUTHOR	XEROX		
	020		850963-11A00	DESCRIPTION PRINTED	
	030		850963-34A00 *	SOURCE CARDS	
	040	ABSTRACT	TO PROVIDE THREE NEW WAYS OF SPECIFYING FORMAT STATEMENTS.		
	050	COMMENTS	SOURCE LANGUAGE: SYMBOL. SIZE: 39 DECIMAL. CONFIGURATION: ANY 920 /930 COMPUTER.		
B3850964	000	AA 9-SERIES	FORTRAN-9 CONTINUATION CARD MODIFICATION		P VM
	010	AUTHOR	XEROX		
	020		850964-11A00	DESCRIPTION PRINTED	
	030		850964-34A00 *	SOURCE CARDS	
	040	ABSTRACT	ALLOWS THE USE OF UP TO NINE CONTINUATION CARDS IN A FORTRAN PROGRAM.		

050 COMMENTS SIZE:190 DECIMAL. ANY 920/930 COMPUTER.

B3850965 000 AA 9-SERIES FORTRAN II MODIFICATION LOADER P VM

010 AUTHOR XEROX

020 850965-11A00 DESCRIPTION PRINTED

030 850965-34A00 * SOURCE CARDS

040 ABSTRACT TO LOAD MODIFICATIONS TO THE FORTRAN II COMPILER.

050 COMMENTS SIZE:277 DECIMAL. CONFIGURATION:ANY 920/930 COMPUTER.

B3850967 000 AA 9-SERIES FORTRAN HOLLERITH LITERALS MODIFICATION P VM

010 AUTHOR XEROX

020 850967-11A00 DESCRIPTION PRINTED

030 850967-34A00 * SOURCE CARDS

040 ABSTRACT ALLOWS THE USE OF HOLLERITH CONSTANTS IN FORTRAN STATEMENT.

050 COMMENTS SIZE:50 DECIMAL. CONFIGURATION: ANY 920/930 COMPUTER.

B3850968 000 AA 9-SERIES GO MO KU P VM

010 AUTHOR XEROX

020 850968-11A00 DESCRIPTION PRINTED

030 850968-34A00 * SOURCE CARDS

040 850968-82A00 ABSOLUTE BINARY PAPER TAPE, 7 LEVELS

050 ABSTRACT GO MO KU IS A SELF-CONTAINED COMPUTER PROGRAM WHICH ENABLES THE COMPUTER TO PLAY GO MO KU (5 IN A ROW.

060 THE RULES OF THE GAME ARE BEST DESCRIBED BY COMPARING IT WITH TIC-TAC-TOE. IF TIC-TAC-TOE IS DEFINED AS

070 A GAME IN WHICH THE OBJECT IS FOR A PLAYER TO GET 3 IN A ROW ON A 3 BY 3 BOARD, THEN GO MO KU IS A GAME

080 IN WHICH THE OBJECT IS FOR A PLAYER TO GET 5 IN A ROW ON A 15 BY 15 BOARD.

090 COMMENTS SIZE:4096 DECIMAL. CONFIGURATION: 4K XDS 920.

B3850970 000 AA 9-SERIES 920/930 ALGOL 60 BASIC 4K SYSTEM (COVER) P VM

010 AUTHOR XEROX

020 850970-11A00 900699 DESCRIPTION PRINTED

030 850970-44A00 * COMPRESSED CARDS

040 900699 ALGOL 60 REFERENCE MANUAL

050 900694 ALGOL 60 TECHNICAL MANUAL,

060 XDS 900 SERIES/9300 COMPUTERS

070 ABSTRACT TO COMPILE, LOAD AND EXECUTE ALGOL PROGRAMS FROM A FREE STANDING SYSTEM.

080 COMMENTS THIS IS THE STAND-ALONE ALGOL SYSTEM CONSISTING OF COMPILER, LOADER AND LIBRARY/RUNTIME.

B3850985 000 AA 9-SERIES PINT 920/930 BUFFERED PRINT P VM

010 AUTHOR XEROX

	020		850985-34A00 *	SOURCE CARDS	
	030		850985-84A00	ABSOLUTE BINARY CARDS	
	040		901023	PINT REFERENCE MANUAL	
	050	ABSTRACT XDS VERSION OF THE PURDUE INTERPRETER. THIS SYSTEM OPERATES WITH A BUFFERED LINE PRINTER.			
	060	COMMENTS SEE MANUAL NO.901023, XDS REFERENCE MANUAL.			
B3850986	000	AA	9-SERIES	PINT 920/930 UNBUFFERED PRINT	P VM
	010	AUTHOR	XEROX		
	020		850986-34A00 *	SOURCE CARDS	
	030		850986-84A00	ABSOLUTE BINARY CARDS	
	040		901023	PINT REFERENCE MANUAL	
	050	ABSTRACT XDS VERSION OF THE PURDUE INTERPRETER. THIS SYSTEM OPERATES WITH AN UNBUFFERED LINE PRINTER (9372).			
	060	COMMENTS SEE MANUAL NO.901023, XDS REFERENCE MANUAL.			
B3850989	000	AA	9-SERIES	920/930 FORT II CARD/PAPER TAPE INPT MOD	P VM
	010	AUTHOR	XEROX		
	020		850989-11A00	DESCRIPTION PRINTED	
	030		850989-34A00 *	SOURCE CARDS	
	040		850989-51A00	LISTING PRINTED	
	050	ABSTRACT TO INPUT FORTRAN SOURCE PROGRAMS FROM EITHER THE CARD READER OR PAPER TAPE READER UNDER BREAKPOINT			
	060	CONTROL.			
	070	COMMENTS SIZE 57 DECIMAL. CONFIGURATION: ANY 920/930 COMPUTER WITH CARD READER.			
B3850990	000	AA	9-SERIES	920/930 FORTRAN II CARD INPUT MOD.	P VM
	010	AUTHOR	XEROX		
	020		850990-11A00	DESCRIPTION PRINTED	
	030		850990-34A00 *	SOURCE CARDS	
	040	ABSTRACT TO INPUT FORTRAN SOURCE PROGRAMS FROM THE CARD READER.			
	050	COMMENTS SIZE: 8 DECIMAL. CONFIGURATION: ANY 920/930 COMPUTER WITH CARD READER.			
B3850991	000	AA	9-SERIES	920/930 FORTRAN II CARD OUTPUT MOD.	P VM
	010	AUTHOR	XEROX		
	020		850991-11A00	DESCRIPTION PRINTED	
	030		850991-34A00 *	SOURCE CARDS	
	040	ABSTRACT TO PUNCH COMPILED FORTRAN PROGRAMS ON CARDS.			
	050	COMMENTS SOURCE LANGUAGE: META/SYMBOL. SIZE: 120 DECIMAL. CONFIGURATION: ANY 920/930 COMPUTER WITH CARD PUNCH.			
B3850992	000	AA	9-SERIES	920/930 FORTRAN II MAG TAPE INPUT MOD.	P VM
	010	AUTHOR	XEROX		

020	850992-11A00	DESCRIPTION PRINTED
030	850992-34A00 *	SOURCE CARDS
040	850992-84A00	ABSOLUTE BINARY CARDS
050	ABSTRACT THIS MODIFICATION TO THE XDS 920 FORTRAN II COMPILER REPLACES THE PAPER TAPE INPUT CODING WITH CODING TO	
060	INPUT SOURCE CARD IMAGES FROM MAGNETIC TAPE, LOGICAL, UNIT NO. 2.	
070	COMMENTS SIZE 133 DECIMAL. CONFIGURATION: ANY 920 COMPUTER WITH A MAGNETIC TAPE UNIT.	

B3851006	000	AA 9-SERIES	920/930 SORT MERGE (COVER)	P MM
	010	AUTHOR	XEROX CORPORATION	
	020	851006-11A00 901044	DESCRIPTION PRINTED	
	030	851006-45A00 850848-45	COMPRESSED MAG TAPE, 7 CHANNELS	
	040	851006-84A00 850848-84	ABSOLUTE BINARY CARDS	
	050	900997	SORT/MERGE REFERENCE MANUAL	
	060	901044	SORT/MERGE TECHNICAL MANUAL	
	070	ABSTRACT THIS NUMBER COVERS CATALOG NUMBERS 851007 (920/930 SORT) AND 851008 (920/930 MERGE). IT PROVIDES A		
	080	COMPREHENSIVE SORTING CAPABILITY FOR 920/930 SYSTEMS. IT IS CONTROL-CARD DRIVEN AND AVAILABLE ON CARDS.		
	090	SEE XDS REFERENCE MANUAL 900997 FOR DESCRIPTION OF USE.		
	100	COMMENTS THIS PROGRAM WILL RUN UNDER MONARCH OPERATING SYSTEM. PROGRAM TYPE IS UTILITY. BASE LANGUAGE MAIN		
	110	PROGRAM IS WRITTEN IN METASYMBOL.		
	120	SOURCE LANGUAGE IS METASYMBOL. REQUIRES 8K WORDS FOR FULL CAPACITY VERSION UNDER MONARCH, THREE TAPE		
	130	UNITS, ONE CARD READER, AND ONE TYPEWRITER.		

B3851010	000	AA 9-SERIES	PAYROLL GENERATOR	P VM
	010	AUTHOR	XEROX	
	020	851010-11A00	DESCRIPTION PRINTED	
	030	851010-45A00 851220-45	COMPRESSED MAG TAPE, 7 CHANNELS	
	040	ABSTRACT TO COMPUTE PAYROLL EARNINGS, BASED ON DATA CONTAINED ON AN EMPLOYEE MASTER FILE AND A TIME REPORT FILE.		
	050	THIS PROGRAM WORKS ONLY UNDER MANAGE.		

B3851012	000	AA 9-SERIES	BUFFERED LINE PRINTER TRACE	P VP
	010	AUTHOR	XEROX	
	020	851012-11A00	DESCRIPTION PRINTED	
	030	851012-34A00 850000-35	SOURCE CARDS	
	040	851012-44A00 *	COMPRESSED CARDS	
	050	ABSTRACT TO ALLOW EXECUTION OF ALMOST ALL OBJECT PROGRAM INSTRUCTIONS AND PRODUCE A LINE PRINTER LISTING OF THE		
	060	DESIRED INSTRUCTIONS IN SEQUENCE OF THEIR EXECUTION ALONG WITH THE INTERMEDIATE RESULTS.		
	070	COMMENTS SOURCE LANGUAGE: META-SYMBOL. SIZE: 544 DECIMAL. CONFIGURATION: ANY 920 OR 930 WITH LINE PRINTER.		
	080	RELOCATABLE BINARY CARDS ALSO AVAILABLE ON 930 RAD MONARCH SYSTEM		

B3851014	000	AA 9-SERIES	920/930 RTF II INBUF. PRT. COMPILER MOD	P VM
	010	AUTHOR	XEROX	
	020	851014-11A00	DESCRIPTION PRINTED	
	030	851014-34A00 *	SOURCE CARDS	
	040	ABSTRACT TO PROVIDE AN UNBUFFERED PRINTER CAPABILITY FOR THE 920/930 REAL TIME FORTRAN II COMPTLR.		
	050	COMMENTS SOURCE LANGUAGE: SYMBOL. SIZE: 64 DECIMAL. CONFIGURATION ANY 920/930 COMPUTER WITH 8K (OR MORE) MEMORY		
	060	AND A MODEL 9372 UNBUFFERED PRINTER ON CHANNEL A.		
B3851017	000	AA 9-SERIES	920/930 FORTRAN II COMPILER UNBUF. PRT.	P VM
	010	AUTHOR	XEROX	
	020	851017-11A00	DESCRIPTION PRINTED	
	030	851017-34A00 *	SOURCE CARDS	
	040	ABSTRACT TO LIST FORTRAN SOURCE PROGRAMS ON THE UNBUFFERED LINE PRINTER.		
	050	COMMENTS SIZE:80 DECIMAL. CONFIGURATION: ANY 920/930 COMPUTER WITH AN UNBUFFERED PRINTER (XDS MODEL NO. 9372).		
B3851019	000	AA 9-SERIES	92 SIMULATOR	P VM
	010	AUTHOR	XEROX	
	020	851019-44A00 *	COMPRESSED CARDS	
	030	851019-51A00	LISTING PRINTED	
	040	ABSTRACT TO PROVIDE THE FUTURE 92 USER WITH THE FACILITY TO DEBUG HIS 92 PROGRAMS PRIOR TO TAKING DELIVERY OF HIS		
	050	MACHINE. A COMPLETE SET OF DEBUGGING AIDS IS INCLUDED.		
	060	COMMENTS SOURCE LANGUAGE: META-SYMBOL. SIZE: 6644 DECIMAL. CONFIGURATION. ANY 920 WITH A TYPEWRITER AND WITH AT		
	070	LEAST 8K MEMORY. A LINE PRINTER IS REQUIRED FOR TRACE AND DUMP OPTIONS.		
B3851026	000	AA 9-SERIES	FORTRAN DRUM READ/WRITE STATEMENTS	P VM
	010	AUTHOR	XEROX	
	020	851026-11A00	DESCRIPTION PRINTED	
	030	851026-34A00 *	SOURCE CARDS	
	040	ABSTRACT ALLOWS THE USE OF DRUM READ/WRITE STATEMENTS IN A FORTRAN PROGRAM.		
	050	COMMENTS SIZE 27 DECIMAL. CONFIGURATION: ANY 920/930 COMPUTER WITH A MAGNETIC DRUM MEMORY (XDS MODEL 9161).		
B3851027	000	AA 920	JPL TCP ANALOG EQUIPMENT DEMONSTRATION	P VM
	010	AUTHOR	XEROX	
	020	851027-11A00	DESCRIPTION PRINTED	
	030	851027-44A00 *	COMPRESSED CARDS	
	040	851027-51A00	LISTING PRINTED	
	050	ABSTRACT THIS PROGRAM IS DESIGNED TO DEMONSTRATE AND CALIBRATE THE JPL TCP ANALOG EQUIPMENT EXPANSION KITS.		
B3851047	000	AA 9-SERIES	DOUBLE PRECISION FLOATING POINT POP	P VM

	010	AUTHOR	XEROX		
	020		851047-11A00	DESCRIPTION PRINTED	
	030		851047-24A00	RELOCATABLE BINARY CARDS	
	040		851047-34A00 *	SOURCE CARDS	
	050	ABSTRACT	TO SIMULATE THE OPERATION OF FLOATING POINT INSTRUCTIONS ON THE XDS 930.		
	060	COMMENTS	SOURCE LANGUAGE: META-SYMBOL. SIZE: 233 DELTAL. CONFIGURATION: ANY XDS 930 COMPUTER.		
B3851048	000	AA 9-SERIES	930 EXAMINER DIAGNOSTIC SYSTEM (COVER)		D VM
	010	AUTHOR	XEROX		
	020		851048-11A00 900097	DESCRIPTION PRINTED	
	030		851048-34A00 *	SOURCE CARDS	
	040		851048-84A00	ABSOLUTE BINARY CARDS	
	050		900097	XDS 930 COMPUTER EXAMINER DIAGNOSTIC	
	060			SYSTEM TECHNICAL MANUAL, VOL. I + II	
	070	ABSTRACT	SEE MANUAL NO. 900097: 920/930 EXAMINER DIAGNOSTIC TECHNICAL MANUAL VOL. I AND II.		
	080	COMMENTS	THIS PROGRAM COVERS CATALOG NO.S 851049, 851050 AND 851051.		
B3851049	000	AA 9-SERIES	930 EXAMINER MEMORY DIAGNOSTIC		D VM
	010	AUTHOR	XEROX		
	020		851049-11A00 900097	DESCRIPTION PRINTED	
	030		851049-84A00 851048-84	ABSOLUTE BINARY CARDS	
	040		900097	XDS 930 COMPUTER EXAMINER DIAGNOSTIC	
	050			SYSTEM TECHNICAL MANUAL, VOL. I + II	
	060	ABSTRACT	TO EXERCISE MEMORY WITH A CHECKERBOARD MEMORY WORD PATTERN; TO MONITOR MEMORY FOR ERRORS AND AID IN		
	070		DIAGNOSING MEMORY FAILURES.		
	080	COMMENTS	SOURCE LANGUAGE: SYMBOL 8 ASSEMBLER. CONFIGURATION: XDS 930. THIS PROGRAM IS PART OF CATALOG NO. 851048		
	090		(COVER). SEE MANUAL 900097, 930 COMPUTER EXAMINER DIAGNOSTIC SYSTEM TECHNICAL MANUAL, VOL. I + II.		
B3851050	000	AA 9-SERIES	930 EXAMINER INSTRUCTION DIAGNOSTIC		D VM
	010	AUTHOR	XEROX		
	020		851050-11A00 900097	DESCRIPTION PRINTED	
	030		851050-84A00 851048-84	ABSOLUTE BINARY CARDS	
	040		900097	XDS 930 COMPUTER EXAMINER DIAGNOSTIC	
	050			SYSTEM TECHNICAL MANUAL, VOL. I + II	
	060	ABSTRACT	TO AID IN DIAGNOSING COMPUTER FAULTS BY VERIFYING PROPER EXECUTION OF COMPUTER LOGIC.		
	070	COMMENTS	SOURCE LANGUAGE: SYMBOL 8 ASSEMBLER. CONFIGURATION: XDS 930 THIS PROGRAM IS PART OF CATALOG NO. 851048		
	080		(COVER). SEE MANUAL 900097, 930 COMPUTER EXAMINER DIAGNOSTIC SYSTEM TECHNICAL MANUAL, VOL. I + II.		
B3851051	000	AA 9-SERIES	930 EXAMINER P AND S REGISTER TESTER		D VM

010 AUTHOR XEROX
020 851051-11A00 900097 DESCRIPTION PRINTED
030 851051-84A00 851048-84 ABSOLUTE BINARY CARDS
040 900097 XDS 930 COMPUTER EXAMINER DIAGNOSTIC
050 SYSTEM TECHNICAL MANUAL, VOL. I + II
060 ABSTRACT TO EXERCISE THE P AND S REGISTERS BY STORING AND EXECUTING BRM'S THROUGHOUT MEMORY. BY COMPARING THE
070 "MARK" OF THE BRM WITH AN EXPECTED VALUE, THE PROGRAM CHECKS WHETHER THE COMPUTER STORED THE CORRECT
080 LOCATION. THEREFORE, THE TEST CHECK WHETHER THE P AND S REGISTERS FUNCTIONED PROPERLY.
090 COMMENTS SOURCE LANGUAGE: SYMBOL 8 ASSEMBLER. CONFIGURATION: XDS 930. THIS PROGRAM IS PART OF CATALOG NO. 851046
100 (COVER). SEE MANUAL 900097, 930 COMPUTER EXAMINER DIAGNOSTIC SYSTEM TECHNICAL MANUAL, VOL. I + II.

B3851052 000 AA 9-SERIES 930 BIG MEMORY ADDRESSING TEST D VM
010 AUTHOR XEROX
020 851052-11A00 DESCRIPTION PRINTED
030 851052-34A00 * SOURCE CARDS
040 851052-51A00 LISTING PRINTED
050 ABSTRACT THIS DIAGNOSTIC VERIFIES THE ABILITY OF A 930 (20K OR LARGER) TO UNIQUELY ACCESS EVERY LOCATION IN CORE
060 VIA BOTH THE 'MEMORY EXTENSION REGISTERS' AND THE '91903 MEMORY ADDRESS EXTENSION' OPTION.

B3851054 000 AA 9-SERIES MTE-1 MAGNETIC TAPE EXERCISER D VM
010 AUTHOR XEROX
020 851054-11A00 DESCRIPTION PRINTED
030 851054-24A00 RELOCATABLE BINARY CARDS
040 851054-44A00 * COMPRESSED CARDS
050 ABSTRACT THIS PROGRAM IS DESIGNED TO EXERCISE THE MAGNETIC TAPE UNIT BY FIRST WRITING RECORDS OF RANDOM NUMBERS
060 AND THEN READING THESE RECORDS BACK AND COMPARING THEM WITH THE NUMBERS WRITTEN. AN ATTEMPT IS MADE TO
070 TABULATE AND OUTPUT ALL USEFUL INFORMATION CONCERNING THE ERRORS MADE, IF ANY, AND THE NUMBER OF PASSES
080 OVER THE TAPE.
090 COMMENTS SOURCE LANGUAGE: META-SYMBOL. SIZE 6120 DECIMAL. CONFIGURATION: XDS 930 COMPUTER WITH A 24-BIT EXTENDED
100 W BUFFER TELETYPE TYPEWRITER CONNECTED TO THE W BUFFER, AND AN MTE-1 MAGNETIC TAPE TRANSPORT CONNECTED
110 TO THE W BUFFER.

B3851055 000 AA 9-SERIES MTE-3 MAG TAPE EXERCISOR, 3 CHAR MODE D VM
010 AUTHOR XEROX
020 851055-11A00 DESCRIPTION PRINTED
030 851055-44A00 * COMPRESSED CARDS
040 851055-51A00 851055-11 LISTING PRINTED
050 ABSTRACT THIS PROGRAM IS DESIGNED TO EXERCISE THE MAG TAPE UNIT BY FIRST WRITING RECORDS OF RANDOM NUMBERS AND
060 THEN READING THESE RECORDS BACK AND COMPARING THEM WITH THE NUMBERS WRITTEN. AN ATTEMPT IS MADE TO

070 TABULATE AND OUTPUT ALL USEFUL INFORMATION CONCERNING THE ERRORS MADE, IF ANY, AND THE NUMBER OF PASSES
080 OVER THE TAPE.
090 COMMENTS SOURCE LANGUAGE: META-SYMBOL. CONFIGURATION: XDS 930 COMPUTER WITH A 24-BIT EXTENDED W BUFFER TELETYPE
100 TYPEWRITER CONNECTED TO THE W BUFFER, AND A MTE-3 MAGNETIC TAPE TRANSPORT CONNECTED TO THE W BUFFER.

B3851056 000 AA 9-SERIES MTE 3 MAG TAPE EXERCISOR 4 CHAR MODE D VM

010 AUTHOR XEROX
020 851056-11A00 DESCRIPTION PRINTED
030 851056-44A00 * COMPRESSED CARDS
040 851056-51A00 851056-11 LISTING PRINTED
050 ABSTRACT THIS PROGRAM IS DESIGNED TO EXERCISE THE MAGNETIC TAPE UNIT BY FIRST WRITING RECORDS OF RANDOM NUMBERS
060 AND THEN READING THESE RECORDS BACK AND COMPARING THEM WITH THE NUMBERS WRITTEN. AN ATTEMPT IS MADE TO
070 TABULATE AND OUTPUT ALL USEFUL INFORMATION CONCERNING THE ERRORS MADE, IF ANY, AND THE NUMBER OF PASSES
080 OVER THE TAPE.
090 COMMENTS SOURCE LANGUAGE: META-SYMBOL. CONFIGURATION: XDS 930 COMPUTER WITH A 24-BIT EXTENDED W BUFFER, AND A
100 MTE-3 MAGNETIC TAPE TRANSPORT CONNECTED TO THE W BUFFER.

B3851057 000 AA 9-SERIES MEMORY LOCK-OUT AND POWER FAIL-SAFE TEST D VM

010 AUTHOR XEROX
020 851057-11A00 DESCRIPTION PRINTED
030 851057-44A00 * COMPRESSED CARDS
040 ABSTRACT TO VERIFY THE OPERATION OF THE MEMORY LOCK-OUT/POWER FAIL-SAFE OPTIONS.
050 COMMENTS SOURCE LANGUAGE: META-SYMBOL. SIZE 369 DECIMAL. CONFIGURATION: ANY XDS 930 WITH MEMORY LOCK-OUT (MANUAL
060 OR PROGRAM CONTROLLED) POWER FAIL-SAFE.

B3851058 000 AA 9-SERIES 930 CFE-1 DIAGNOSTIC D VM

010 AUTHOR XEROX
020 851058-11A00 DESCRIPTION PRINTED
030 851058-44A00 * COMPRESSED CARDS
040 ABSTRACT TO DISCOVER AND INDICATE CFE-1 FAILURES.
050 COMMENTS SOURCE LANGUAGE: META-SYMBOL. CONFIGURATION: XDS 930 WITH 1-2 MEMORY BANKS TOTALING UP TO 32K (ALTHOUGH
060 THE CFE WILL BE TESTED WITH ONLY THE FIRST 16K), CARD OR PAPER TAPE READER, AND CFE-1. (IN ADDITION TO
070 THE ABOVE, IT IS ADVISABLE TO HAVE TYPEWRITER NO. ON CHANNEL W.)

B3851060 000 AA 9-SERIES REAL TIME CLOCK TEST ROUTINE D VM

010 AUTHOR XEROX
020 851060-11A00 DESCRIPTION PRINTED
030 851060-44A00 * COMPRESSED CARDS
040 851060-84A00 ABSOLUTE BINARY CARDS

050 ABSTRACT THIS PROGRAM DEMONSTRATES ACCEPTABLE PERFORMANCE OF THE REAL TIME CLOCK.
060 COMMENTS SOURCE LANGUAGE: META-SYMBOL. SIZE: 600 DECIMAL CONFIGURATION: ANY XDS 925 OR 930 COMPUTER WITH A PAPER
070 TAPE READER, A TYPEWRITER ATTACHED TO THE W BUFFER, AND A 91880 REAL TIME CLOCK.

83851062 000 AA 930 9165 DISC EXERCISER DIAGNOSTIC D VM

010 AUTHOR XEROX
020 851062-11A00 DESCRIPTION PRINTED
030 851062-44A00 * COMPRESSED CARDS
040 851062-51A00 851062-11 LISTING PRINTED

050 ABSTRACT THE PROGRAM EXERCISES THE DISC UNIT ON A RANDOM BASIS WITHIN THE AREA OF DISC AND CORE SPECIFIED BY THE
060 USER. THE TEST ISSUES A SET OF DISC I/O COMMANDS WHICH ARE IN A SEEK AND WRITE, SEEK, AND SEEK AND READ
070 SEQUENCE. THE DUMMY SEEK IS INSERTED TO MAXIMIZE THE ARM POSITIONING FUNCTION. THE TEST HAS A
080 SEEK/SEARCH RECOVERY THAT MOVES THE ARM TO THE ADJACENT TRACK BEFORE ATTEMPTING TO RECOVER THE
090 CONSECUTIVE SEEK/SEARCH ERROR ON THE SAME DISC ADDRESS IS DEFINED TO BE A NON-RECOVERABLE ERROR.
100 COMMENTS THE PROGRAM WILL OPERATE ON A 930 WITH A 9164-01 SINGLE ACCESS DISC FILE CONTROLLER AND A 9165 DISC FILE
110 STORAGE ON THE W-CHANNEL.

83851063 000 AA 930 930 RAD DIAGNOSTIC FOR 9367 RAD D VM

010 AUTHOR XEROX
020 851063-11A00 DESCRIPTION PRINTED
030 851063-44A00 * COMPRESSED CARDS
050 901029 9367 RAD TECHNICAL MANUAL

060 ABSTRACT THIS PROGRAM TESTS RAD CAPABILITY. RANDOM CONFIGURATIONS OF DATA AND FUNCTIONS ARE GENERATED. ERROR
070 OUTPUTS ARE LISTED ON THE CONSOLE TYPEWRITER. CONTROL PARAMETERS ARE ALSO VARIABLE. A DETAILED ABSTRACT
080 IS PRINTED AT LEAD TIME.
090 COMMENTS THE PROGRAM IS TOTALLY INDEPENDENT INCLUDING FILL. TWO BUFFER AREAS ARE USED FOR INPUT AND OUTPUT TO THE
100 RAD. BOTH BUFFERS ARE SET UP BEFORE THE RAD IS DRIVEN. THIS IS NECESSARY TO CHECK THE "EARLY WORD"
110 INTERRUPT OPTION. ALL ERROR MESSAGES AND PARAMETER OPTIONS ARE TRANSMITTED TO THE CONSOLE TYPEWRITER.
120 READ DATA IS CHECKED AGAINST A KNOWN PATTERN. THE ENTIRE SELECTED RAD AREA IS INITIALIZED WITH CONSTANT
130 DATA. CONTROL THEN RANDOMLY SELECTS A RAD STARTING ADDRESS, BLOCKS SIZE, AND READ OR WRITE OPTION. THE
140 MAXIMUM BLOCK SIZE WHICH CAN BE HANDLED IS 12K WORDS. THIS IS EQUAL TO THREE RAD BANDS. BREAKPOINT
150 CONTROL IS DISCUSSED UNDER METHODS. PROGRAM IS LOADED USING THE ONE CARD LOADER CATALOG NUMBER 850648.

83851064 000 AA 930 HYBRID EXEC. LIB. FOR AEROSPACE CORP. P VM

010 AUTHOR XEROX
020 851064-11A00 DESCRIPTION PRINTED
030 851064-44A00 * COMPRESSED CARDS
040 851064-24A00 RELOCATABLE BINARY CARDS

050 ABSTRACT TO PROVIDE A LIBRARY OF INTERCONNECTED SUBROUTINES WHICH ENABLES THE USER TO CONTROL HYBRID SYSTEM

	060		HARDWARE.		
	070		COMMENTS SOURCE LANGUAGE: META/SYMBOL. SIZE: 3865. CONFIGURATION: 900 SERIES REAL-TIME MONITOR CONFIGURATION.		
B3851100	000	AA 9-SERIES	925 EXAMINER DIAGNOSTIC SYSTEM (COVER)		D VM
	010	AUTHOR	XEROX		
	020		851100-11A00 900649 DESCRIPTION PRINTED		
	030		851100-84A00 ABSOLUTE BINARY CARDS		
	040		900649 XDS 925 COMPUTER EXAMINER DIAGNOSTIC SYSTEM TECHNICAL MANUAL		
	050	ABSTRACT	SEE MANUAL NO. 900649 COMPUTER EXAMINER DIAGNOSTIC SYSTEM TECHNICAL MANUAL.		
	060	COMMENTS	THIS PROGRAM COVERS CATALOG NO.'S 851101, 851102, 851103.		
B3851101	000	AA 9-SERIES	925 MEMORY DIAGNOSTIC		D VM
	010	AUTHOR	XEROX		
	020		851101-11A00 900649 DESCRIPTION PRINTED		
	030		851101-34A00 * SOURCE CARDS		
	040		851101-84A00 851100-84 ABSOLUTE BINARY CARDS		
	050		900649 XDS 925 COMPUTER EXAMINER DIAGNOSTIC SYSTEM TECHNICAL MANUAL		
	060	ABSTRACT	THE PROGRAM EXERCISES MEMORY WITH THE CHECKERBOARD MEMORY WORD PATTERN; IT MONITORS THE MEMORY FOR		
	070		ERRORS AND AIDS IN DIAGNOSING MEMORY FAILURES.		
	080	COMMENTS	THIS PROGRAM IS PART OF CATALOG NO. 851100 (COVER). SEE MANUAL 900649, 925 COMPUTER EXAMINER DIAGNOSTIC		
	090		SYSTEM TECHNICAL MANUAL. SOURCE LANGUAGE: META-SYMBOL. SIZE: 206 DECIMAL. CONFIGURATION: ANY 925.		
B3851102	000	AA 9-SERIES	925 INSTRUCTION DIAGNOSTIC		D VM
	010	AUTHOR	XEROX		
	020		851102-11A00 900649 DESCRIPTION PRINTED		
	030		851102-34A00 * SOURCE CARDS		
	040		851102-84A00 851100-84 ABSOLUTE BINARY CARDS		
	050		900649 XDS 925 COMPUTER EXAMINER DIAGNOSTIC SYSTEM TECHNICAL MANUAL		
	060	ABSTRACT	THIS PROGRAM AIDS IN DIAGNOSING FAULTY COMPUTERS BY VERIFYING PROPER EXECUTION OF COMPUTER LOGIC.		
	070	COMMENTS	THIS PROGRAM IS PART OF CATALOG NO. 851100 (COVER). SEE MANUAL 900649, 925 COMPUTER EXAMINER DIAGNOSTIC		
	080		SYSTEM TECHNICAL MANUAL. SOURCE LANGUAGE: SYMBOL 8. SIZE: 2271 DECIMAL. CONFIGURATION: ANY 925.		
B3851103	000	AA 9-SERIES	925 P-AND-S REGISTER TESTER		D VM
	010	AUTHOR	XEROX		
	020		851103-11A00 900649 DESCRIPTION PRINTED		
	030		851103-34A00 * SOURCE CARDS		
	040		851103-84A00 851100-84 ABSOLUTE BINARY CARDS		
	050		900649 XDS 925 COMPUTER EXAMINER DIAGNOSTIC SYSTEM TECHNICAL MANUAL		
	060	ABSTRACT	THIS TEST PROGRAM EXERCISES THE P-AND-S REGISTERS BY STORING AND EXECUTING BRM'S THROUGHOUT MEMORY. BY		

070 COMPARING THE "MARK" OF THE BRN WITH AN EXPECTED VALUE, THE PROGRAM CHECKS WHETHER THE COMPUTER STORED
080 THE CORRECT LOCATION. THEREFORE, THE TEST CHECKS WHETHER THE P-AND-S REGISTER FUNCTIONED PROPERLY.
090 COMMENTS THIS PROGRAM IS PART OF CATALOG NO. 851100 (COVER). SEE MANUAL 900469, 925 COMPUTER EXAMINER DIAGNOSTIC
100 SYSTEM TECHNICAL MANUAL. SOURCE LANGUAGE: SYMROL B. SIZE: 164 DECIMAL. CONFIGURATION: ANY 925.

B3851104 000 AA 9-SERIES 925 CFE-1 DIAGNOSTIC D VM

010 AUTHOR XEROX
020 851104-11A00 DESCRIPTION PRINTED
030 851104-44A00 * COMPRESSED CARDS
040 851104-84A00 ABSOLUTE BINARY CARDS
050 ABSTRACT DISCOVER AND INDICATE CFE-1 FAILURES.
060 COMMENTS SOURCE LANGUAGE: 910 META-SYMROL. SIZE: 1309 DECIMAL. CONFIGURATION: 925 WITH UP TO 16K OF CORE STORAGE,
070 A CARD OR PAPER TAPE READER, AND CFE-1. (IN ADDITION TO THE ABOVE, IT IS ADVISABLE TO HAVE TYPEWRITER =1
080 ON CHANNEL W.)

B3851106 000 AA 9-SERIES PAPER TAPE - TYPEWRITER HANDLER 925/930 P VM

010 AUTHOR XEROX
020 851106-11B00 DESCRIPTION PRINTED
030 851106-24A00 RELOCATABLE BINARY CARDS
040 851106-44A00 * COMPRESSED CARDS
050 ABSTRACT TO PROVIDE A CLOSED SUBROUTINE TO PERFORM I/O FUNCTIONS ON PAPER TAPE AND TYPEWRITER. BOTH INTERLACE AND
060 INTERRUPTS ARE USED.
070 COMMENTS SOURCE LANGUAGE: META-SYMROL. SIZE: 337 DECIMAL. CONFIGURATION: ANY 925/930 WITH A TYPEWRITER AND/OR
080 PAPER TAPE UNIT ATTACHED TO AN INTERLACED CHANNEL.

B3851107 000 AA 9-SERIES EXTENDED MODE I/O TEST PROGRAM D VM

010 AUTHOR XEROX
020 851107-11A00 DESCRIPTION PRINTED
030 851107-44A00 * COMPRESSED CARDS
040 851107-84A00 ABSOLUTE BINARY CARDS
050 ABSTRACT TO TEST AS MANY OF THE EXTENDED I/O OPERATIONS AS POSSIBLE WITH PAPER TAPE, GIVEN A COMMUNICATION
060 CHANNEL THAT IS KNOWN TO BE GOOD THEN THE PROGRAM SERVES AS A PAPER TAPE TESTER.
070 COMMENTS SOURCE LANGUAGE: META-SYMROL. SIZE: 843 DECIMAL. CONFIGURATION: ANY 925/930 COMPUTER WITH A TYPEWRITER
080 ATTACHED TO THE W CHANNEL AND A PAPER TAPE PUNCH AND READER ON ANY INTERLACED COMMUNICATION CHANNEL. THE
090 W CHANNEL NEED NOT BE INTERLACED FOR THE TYPEWRITER.

B3851108 000 AA 9-SERIES 925/930 CARD PUNCH AND VERIFY PROGRAM P VM

010 AUTHOR XEROX
020 851108-11A00 DESCRIPTION PRINTED

	030		851108-34A00 *	SOURCE CARDS	
	040		851108-84A00	ABSOLUTE BINARY CARDS	
	050	ABSTRACT	TO COPY CARD IMAGES ON TAPE, AND TO REPRODUCE OR VERIFY THOSE IMAGES.		
	060	COMMENTS	SOURCE LANGUAGE: META-SYMBOL. SIZE: 535 DECIMAL. CONFIGURATION: ANY 925/930, 9158 CARD PUNCH, CHANNEL W,		
	070		CARD READER, MAG TAPE.		
B3851109	000	AA 9-SERIES	CARD READ SUBROUTINE (CDR)		P VM
	010	AUTHOR	XEROX		
	020		851109-11A00	DESCRIPTION PRINTED	
	030		851109-34A00	850695-35 SOURCE CARDS	
	040	ABSTRACT	TO PROVIDE A CLOSED SUBROUTINE CAPABLE OF ACCEPTING INPUT FROM A CARD READER IN EITHER BCD OR BINARY		
	050		MODE. INTERLACE IS USED AND THE INTERRUPTS ARE ENABLED AND USED.		
	060	COMMENTS	SOURCE LANGUAGE: META-SYMBOL. SIZE: 134 DECIMAL. CONFIGURATION: ANY 925/930 WITH A CARD READER ATTACHED		
	070		TO AN INTERLACED CHANNEL.		
B3851110	000	AA 9-SERIES	925/930 CARD READER TEST PROGRAM		D VM
	010	AUTHOR	XEROX		
	020		851110-11A00	DESCRIPTION PRINTED	
	030		851110-44A00 *	COMPRESSED CARDS	
	040		851110-84A00	ABSOLUTE BINARY CARDS	
	050	ABSTRACT	TO VERIFY THE OPERATION OF THE XLS 9151, OR 9153 CARD READER.		
	060	COMMENTS	SOURCE LANGUAGE: META-SYMBOL. SIZE: 611 DECIMAL. CONFIGURATION: ANY 925/930 WITH TYPEWRITER ON CHANNEL A		
	070		AND XDS MODEL 9151, 9152 OR 9153 CARD READER ATTACHED TO A TMCC OR DACC. EXTENDED MODE INTERLACE IS USED		
	080		FOR CARD READING.		
B3851111	000	AA 9-SERIES	9158 CARD PUNCH TEST PROGRAM		D VM
	010	AUTHOR	XEROX		
	020		851111-11A00	DESCRIPTION PRINTED	
	030		851111-34A00 *	SOURCE CARDS	
	040		851111-84A00	ABSOLUTE BINARY CARDS	
	050	ABSTRACT	TO PROVIDE A MEANS OF TESTING THE CARD PUNCH.		
	060	COMMENTS	SOURCE LANGUAGE: META-SYMBOL. SIZE: 314 DECIMAL. CONFIGURATION: ANY 925/930 WITH INTERLACE, WITH MODEL		
	070		9158 CARD PUNCH COUPLER SYSTEM. MAY BE USED ON CHANNELS W,Y,C,D,E,F,G,H.		
B3851112	000	AA 9-SERIES	MAGNETIC TAPE HANDLER (EXTENDED MODE)		P VM
	010	AUTHOR	XEROX		
	020		851112-11A00	DESCRIPTION PRINTED	
	030		851112-24A00	RELOCATABLE BINARY CARDS	
	040		851112-44A00 *	COMPRESSED CARDS	

050 ABSTRACT TO PROVIDE A GENERALIZED ROUTINE TO PERFORM VARIOUS MAGNETIC TAPE OPERATIONS. THE ROUTINE OPERATES IN
060 THE EXTENDED MODE UNDER INTERRUPT CONTROL.
070 COMMENTS SOURCE LANGUAGE: META-SYMBOL. SIZE: 523 DECIMAL. CONFIGURATION: ANY XDS 925/930 WITH MAGNETIC TAPE(S) ON
080 ANY OF THE INTERLACED CHANNELS A-H.

B3851113 000 AA 9-SERIES EXTENDED MODE MULTI-MAGNETIC TAPE EXER. D VM

010 AUTHOR XEROX
020 851113-11A00 DESCRIPTION PRINTED
030 851113-44A00 * COMPRESSED CARDS
040 851113-84A00 ABSOLUTE BINARY CARDS

050 ABSTRACT THE PROGRAM IS DESIGNED TO EXERCISE 1 TO 64 MAGNETIC TAPES ON CHANNELS A THROUGH H. THE EXERCISE
060 OPERATES UNDER INTERRUPT CONTROL IN THE EXTENDED MODE USING ALL FOUR FUNCTION CODES AND ALL SPS'S AND
070 EOM'S ASSOCIATED WITH THE CHANNEL AND MAGNETIC TAPE.
080 COMMENTS SOURCE LANGUAGE: META-SYMBOL. SIZE 1903 DECIMAL. CONFIGURATION: ANY 925/930 WITH A DATA MULTIPLEX UNIT
090 AND DATA SUB CHANNEL I HAVING A PAPER TAPE PUNCH AND PHOTO READER ATTACHED. A TYPEWRITER AND PHOTO
100 READER OR BINARY CARD READER ARE REQUIRED ON CHANNEL A (ZERO).

B3851114 000 AA 9-SERIES MAGNETIC TAPE TEST PROGRAM FOR 925/930 D VM

010 AUTHOR XEROX
020 851114-11A00 DESCRIPTION PRINTED
030 851114-44A00 * COMPRESSED CARDS
040 851114-84A00 ABSOLUTE BINARY CARDS

050 ABSTRACT TO PROVIDE A COMPREHENSIVE MEANS FOR INITIAL CHECKOUT AND TESTING OF MAGNETIC TAPES UNITS.
060 COMMENTS SOURCE LANGUAGE: META-SYMBOL. CONFIGURATION: AN XDS MODEL 925/930 COMPUTER WITH A TYPEWRITER (NUMBER 1)
070 ATTACHED TO THE W BUFFER AND ONE OR MORE MAGNETIC TAPE UNITS ATTACHED TO ANY CHANNEL USING INTERLACE AND
080 EXTENDED MODE.

B3851115 000 AA 9-SERIES DATA MULTIPLEX CHANNEL TEST 925/930 D VM

010 AUTHOR XEROX
020 851115-11A00 DESCRIPTION PRINTED
030 851115-44A00 * COMPRESSED CARDS
040 851115-84A00 ABSOLUTE BINARY CARDS

050 ABSTRACT TO TEST THE OPERATION OF DSC 1 WITH AND WITHOUT INTERRUPTS
060 COMMENTS SOURCE LANGUAGE: META-SYMBOL, COMPUTER CONFIGURATION ANY 925 OR 930 WITH A DATA MULTIPLEX UNIT AND DATA
070 SUB CHANNEL 1 HAVING A PAPER TAPE PUNCH AND PHOTO READER ATTACHED, A TYPEWRITER AND PHOTO READER OR
080 BINARY CARD READER ARE REQUIRED ON CHANNEL A (ZERO).

B3851116 000 AA 9-SERIES DSC-I DIAGNOSTIC TEST P VM

010 AUTHOR XEROX

	020		851116-11A00	DESCRIPTION PRINTED	
	030		851116-44A00 *	COMPRESSED CARDS	
	040		851116-51A00	LISTING PRINTED	
	050		851116-84A00	ABSOLUTE BINARY CARDS	
	060	ABSTRACT THE PURPOSE OF THIS PROGRAM IS TO MAKE AVAILABLE A DMC/DSC-I TEST INDEPENDENT OF A PERIPHERAL DEVICE.			
B3851117	000	AA	9-SERIES	DSC-II DIAGNOSTIC TEST	D VM
	010	AUTHOR	XEROX		
	020		851117-11A00	DESCRIPTION PRINTED	
	030		851117-44A00 *	COMPRESSED CARDS	
	040		851117-51A00	LISTING PRINTED	
	050	ABSTRACT THE PURPOSE OF THIS PROGRAM IS TO MAKE AVAILABLE A DMC/DSC-II TEST INDEPENDENT OF A PERIPHERAL DEVICE.			
B3851118	000	AA	9-SERIES	DACC DIAGNOSTIC TEST WITH JY35 TESTER925	D VM
	010	AUTHOR	XEROX		
	020		851118-11A00	DESCRIPTION PRINTED	
	030		851118-44A00 *	COMPRESSED CARDS	
	040		851118-51A00	LISTING PRINTED	
	050		851118-84A00	ABSOLUTE BINARY CARDS	
	060	ABSTRACT THE PURPOSE OF THIS PROGRAM IS TO MAKE AVAILABLE A DACC DIAGNOSTIC TEST INDEPENDENT OF A PERIPHERAL			
	070	DEVICE.			
B3851119	000	AA	9-SERIES	TMCC DIAGNOSTIC TEST FOR 925/930	D VM
	010	AUTHOR	XEROX		
	020		851119-11A00	DESCRIPTION PRINTED	
	030		851119-44A00 *	COMPRESSED CARDS	
	040		851119-51A00	LISTING PRINTED	
	050		851119-84A00	ABSOLUTE BINARY CARDS	
	060	ABSTRACT THE PURPOSE OF THIS PROGRAM IS TO MAKE AVAILABLE A TIME MULTIPLEXED COMMUNICATION CHANNEL TEST			
	070	INDEPENDENT OF A PERIPHERAL DEVICE.			
B3851121	000	AA	925	925/930 LINE PRINTER SUBROUTINE (PRINT)	P MM
	010	AUTHOR	XEROX		
	020		851121-11A00	DESCRIPTION PRINTED	
	030		851121-24A00	RELOCATABLE BINARY CARDS	
	040		851121-44A00 *	COMPRESSED CARDS	
	050	ABSTRACT TO PROVIDE A CLOSED SUBROUTINE CAPABLE OF PRINTING LINES OF UP TO 132 CHARACTERS WITH VERTICAL FORMAT			
	060	CONTROL.			
	070	COMMENTS SOURCE LANGUAGE: META-SYMBOL. SIZE: 260 OCTAL WORDS. CONFIGURATION: ANY XDS 925 OR 930 WITH A BUFFERED			

	080	LINE PRINTER ATTACHED TO AN INTERLACED CHANNEL.			
B3851122	000	AA 9-SERIES	9174/9179 PRINTER DIAGNOSTIC 925/930	D VM	
	010	AUTHOR	XEROX		
	020		851122-11A00 DESCRIPTION PRINTED		
	030		851122-44A00 * COMPRESSED CARDS		
	040		851122-51A00 LISTING PRINTED		
	050		851122-84A00 ABSOLUTE BINARY CARDS		
	060	ABSTRACT A SELF LOADING PROGRAM TO PERMIT VERIFICATION OF THE 9174 AND 9179 BUFFERED LINE PRINTER ON AN XDS 925			
	070	OR 930 COMPUTER. THE PROGRAM OUTPUTS IN EXTENDED MODE INTERLACE WITH IOPD AND IOSD TERMINATION CODES.			
	080	INTERRUPTS ARE NOT USED. THE PRINTER MAY BE UNIT 1 OR 2 CONNECTED TO ANY INTERLACED TMCC OR DACC.			
B3851123	000	AA 9-SERIES	9379 PRINTER DIAGNOSTIC 925/930	D VM	
	010	AUTHOR	XEROX		
	020		851123-11A00 DESCRIPTION PRINTED		
	030		851123-44A00 * COMPRESSED CARDS		
	040		851123-84A00 ABSOLUTE BINARY CARDS		
	050	ABSTRACT A SELF LOADING PROGRAM TO PERMIT VERIFICATION OF THE 9379 BUFFERED LINE PRINTER ON AN XDS 925 OR 930			
	060	COMPUTER. THE PROGRAM OUTPUTS IN EXTENDED MODE INTERLACE WITH IOPD AND IOSD TERMINATION CODES.			
	070	INTERRUPTS ARE NOT USED. THE PRINTER MAY BE UNIT 1 OR 2 CONNECTED TO ANY INTERLACED TMCC OR DACC.			
B3851124	000	AA 9-SERIES	9372 UNBUFFERED LINE PRINTER TEST 925/93	D VM	
	010	AUTHOR	XEROX		
	020		851124-11A00 DESCRIPTION PRINTED		
	030		851124-44A00 * COMPRESSED CARDS		
	040		851124-84A00 ABSOLUTE BINARY CARDS		
	050	ABSTRACT PROVIDE A TEST OF THE MODEL 9372 PRINTER BY GENERATING SPECIFIED PRINT PATTERNS AND MONITORING THE			
	060	PRINTER'S RESPONSE TO PROGRAM-GENERATED COMMANDS.			
B3851127	000	AA 9-SERIES	DISC FILE TEST PROGRAM	D VM	
	010	AUTHOR	XEROX		
	020		851127-11A00 DESCRIPTION PRINTED		
	030		851127-44A00 * COMPRESSED CARDS		
	040		851127-84A00 ABSOLUTE BINARY CARDS		
	050	ABSTRACT THE PROGRAM IS DESIGNED FOR INITIAL DISC CHECKOUT, FIELD MAINTENANCE, AND TO PERFORM DURATION TESTING			
	060	FOR ACCEPTANCE PURPOSE OF THE 9164 MOVABLE ARM DISC.			
B3851128	000	AA 9-SERIES	DISC FILE DIAGNOSTIC (DFD) 925/930	D VM	
	010	AUTHOR	XEROX		

	020	851128-11A00	DESCRIPTION PRINTED	
	030	851128-44A00 *	COMPRESSED CARDS	
	040	851128-84A00	ABSOLUTE BINARY CARDS	
	050	ABSTRACT TO PROVIDE THE CAPABILITY TO DIAGNOSE THE OPERATION OF THE MODEL 9267 RAD.		
B3851129	000	AC 9-SERIES	RAD APOCALYPTIC DIAGNOSTIC (RAD) 925/930	D VM
	010	AUTHOR	XEROX	
	020	851129-11C00	DESCRIPTION PRINTED	
	030	851129-44C00 860767-44	COMPRESSED CARDS	
	040	ABSTRACT TO PROVIDE A COMPREHENSIVE DIAGNOSTIC FOR CHECKOUT AND TESTING OF R.A.D.'S.		
B3851130	000	AA 9-SERIES	TEST PROGRAM DISC FILE MODEL 9367-A 925/	D VM
	010	AUTHOR	XEROX	
	020	851130-11A00	DESCRIPTION PRINTED	
	030	851130-44A00 *	COMPRESSED CARDS	
	040	ABSTRACT TO AID IN THE DEVELOPMENT AND CHECKOUT OF DISC FILE UNIT MODEL 9367-A.		
B3851131	000	AA 900-SERIES	SNAPSHOT SUBROUTINE	P VM
	010	AUTHOR	XEROX	
	020	851131-11A00	DESCRIPTION PRINTED	
	030	851131-24A00	RELOCATABLE BINARY CARDS	
	040	851131-44A00 *	COMPRESSED CARDS	
	050	ABSTRACT THIS PROGRAM WILL PERFORM SNAPSHOT AT SELECTED POINTS IN CORE. SNAPSHOT IS CALLED AS A SUBROUTINE.		
	060	SNAPSHOT WILL ALSO INSERT CORRECTIONS IN CORE. EACH SNAPSHOT PRINTS THE P,A,B,X REGISTERS ALONG WITH THE		
	070	BLOCK LIST SPECIFIED. INPUT PARAMETERS ARE READ FROM THE CARD READER. ILLEGAL CONTROL CARDS ARE PRINTED		
	080	ON THE TYPEWRITER.		
	090	COMMENTS COMPUTER CONFIGURATION REQUIRED: ANY 910,920,925,930 COMPUTER WITH A CARD READER,PRINTER AND TYPEWRITER.		
	100	THIS RELOCATABLE PROGRAM REQUIRES 571 OCTAL LOCATIONS.		
B3851134	000	AA 925	9 TRACK MAGNETIC TAPE TEST PROGRAM	D MM
	010	AUTHOR	XEROX	
	020	851134-11A00	DESCRIPTION PRINTED	
	030	851134-44A00 *	COMPRESSED CARDS	
	040	851134-84A00	ABSOLUTE BINARY CARDS	
	050	ABSTRACT PURPOSE: TO PROVIDE A COMPREHENSIVE MEANS FOR INITIAL CHECKOUT AND TESTING OF MODEL 95489 9 TRACK		
	060	MAGNETIC TAPE SYSTEM.		
	070	COMMENTS MINIMUM SYSTEM CONFIGURATION: 8K MEMORY KEYBOARD/PRINTER CARD READER OR PAPER TAPE READER MODEL 95489 9		
	080	TRACK MAGNETIC TAPE SYSTEM		

B3851135	000	AA 900-SERIES	SEMI AUTO TYPEWRITER TEST	D VM
	010	AUTHOR	XEROX	
	020	851135-11A00	DESCRIPTION PRINTED	
	030	851135-34A00 *	SOURCE CARDS	
	040	ABSTRACT	THIS PROGRAM PROVIDES A MEANS OF EXERCISING ALL CHECKING KEYBOARD INPUT AND PRINTER OUTPUT CAPABILITIES	
	050		OF THE TYPEWRITER WHEN USED IN THE ON-LINE MODE. THE OPERATOR MAY SELECT THE X BUFFER OR THE Y BUFFER AND	
	060		TYPEWRITER NO. 1 OR TYPEWRITER NO. 2.	
	070	COMMENTS	THE PROGRAM REQUIRES 368 DECIMAL LOCATIONS, IS SELF-LOADING AND RELOCATABLE. THE PROGRAM WILL OPERATE	
	080		WITH EITHER THE SELECTRIC OR TELETYPE KEYBOARD/PRINTER DEVICES.	
B3851136	000	AA 930	DEE-60 SIMULATOR SYSTEM DIAGNOSTIC	D VM
	010	AUTHOR	XEROX	
	020	851136-11A00	DESCRIPTION PRINTED	
	030	851136-44A00 *	COMPRESSED CARDS	
	040	ABSTRACT	TO DEMONSTRATE AND TEST ALL DEE-60 SIMULATOR SYSTEM INTERFACE HARDWARE.	
	050	COMMENTS	SOURCE LANGUAGE: META-SYMBOL. CONFIGURATION: XDS 930 WITH 32K CORE AND DEE-60 HARDWARE.	
B3851137	000	AA 910	JPL APS-100 SYSTEMS DIAGNOSTIC PROGRAM	D VM
	010	AUTHOR	XEROX	
	020	851137-11A00	DESCRIPTION PRINTED	
	030	851137-44A00 *	COMPRESSED CARDS	
	040	ABSTRACT	TO DETECT AND DESCRIBE MALFUNCTIONS IN THE JPL APS-100 SYSTEM.	
	050	COMMENTS	STAND ALONE ABSOLUTELY LOADED. CODED IN 910 METASYMBOL. STORAGE REQUIRED THROUGH 2620.	
B3851143	000	AA 900-SERIES	UTILITY PACKAGE	P VM
	010	AUTHOR	XEROX	
	020	851143-11A00	DESCRIPTION PRINTED	
	030	851143-24A00	RELOCATABLE BINARY CARDS	
	040	851143-44A00 *	COMPRESSED CARDS	
	050	ABSTRACT	PROVIDES ALL ASPECTS OF MAGNETIC TAPE PROCESSING RELATED TO UTILITY USAGE.	
	060	COMMENTS	SOURCE LANGUAGE: META-SYMBOL. CON: ANY XDS 900 SERIES COMPUTER WITH 8K MEMORY, TYPEWRITER, TWO MAG TAPES	
	070		AND CARD READER.	
B3851144	000	AA 900-SERIES	LIST TAPE ROUTINE	P VM
	010	AUTHOR	XEROX	
	020	851144-11A00	DESCRIPTION PRINTED	
	030	851144-44A00 *	COMPRESSED CARDS	
	040	851144-51A00	LISTING PRINTED	
	050	851144-84A00	ABSOLUTE BINARY CARDS	

060 ABSTRACT THIS PROGRAM WILL LIST A SYMBOLIC TAPE OF UP TO 33 WORDS PER RECORD AT THE I/O DEVICE SPEED. THREE
 070 OPTIONS ARE PROVIDED VIA BREAKPOINT SWITCHES LISTING THE FIRST 25 RECORDS OR ALL RECORDS IN A FILE
 080 HALTING ON AN EOF ACCEPTING OR IGNORING A RECORD WHEN A READ ERROR OCCURS
 090 COMMENTS COMPUTER CONFIGURATION: ANY 910,925,920,930 COMPUTER WITH A CARD READER, PRINTER, MAGNETIC TAPE, INTERLACE
 100 CONTROL AND TYPEWRITER. THE PROGRAM IS LOADED BY THE STANDARD LOAD PROCEDURES FOR A BINARY PROGRAM

B3851145 000 AA 910 15 KC MAGNETIC TAPE EXERCISER P VM
 010 AUTHOR XEROX
 020 851145-11A00 DESCRIPTION PRINTED
 030 851145-34A00 * SOURCE CARDS
 050 ABSTRACT THIS PROGRAM IS INTENDED TO EXERCISE 15 KC MAGNETIC TAPE UNITS SUCH AS THE 9146. THE TAPE UNIT MUST BE
 060 ATTACHED TO THE Y BUFFER. A TYPEWRITER MUST BE CONNECTED TO THE W BUFFER.
 070 COMMENTS THIS PROGRAM WILL WORK WITH ANY XDS 900 SERIES COMPUTER. THE PROGRAM OPERATES IN EITHER THE PROGRAM
 080 CONTROL MODE OR THE INTERFACE CONTROL MODE. THE Y BUFFER INTERRUPTS ARE UTILIZED BY THE PROGRAM.

B3851149 000 AA 92 LN-FLOATING-POINT NATURAL LOGARITHM P VM
 010 AUTHOR XEROX
 020 851149-11A00 DESCRIPTION PRINTED
 030 851149-34A00 * SOURCE CARDS
 040 ABSTRACT TO REPLACE A NORMALIZED FLOATING POINT NUMBER IN THE PSEUDO-ACCUMULATOR (LOCATIONS 1-3) BY ITS
 050 EXPONENTIAL (BASE E)
 060 COMMENTS SOURCE LANGUAGE: 92 SYMBOL. SIZE: 133 DECIMAL. CONFIGURATION: ANY XDS 92.

B3851150 000 AA 92 SIN/COS-FLOATING-POINT SINE-COSINE SUBR. P VM
 010 AUTHOR XEROX
 020 851150-11A00 DESCRIPTION PRINTED
 030 851150-34A00 * SOURCE CARDS
 040 ABSTRACT TO REPLACE A NORMALIZED FLOATING-POINT NUMBER IN THE PSEUDO-ACCUMULATOR (LOCATIONS 1-3) BY ITS SINE OR
 050 COSINE.
 060 COMMENTS SOURCE LANGUAGE: 92 SYMBOL. SIZE: 176 DECIMAL. CONFIGURATION: ANY XDS 92.

B3851151 000 AA 92 ATAN-FLOATING-POINT ARCTANGENT SUBR. P VM
 010 AUTHOR XEROX
 020 851151-11A00 DESCRIPTION PRINTED
 030 851151-24A00 RELOCATABLE BINARY CARDS
 040 851151-34A00 * SOURCE CARDS
 050 ABSTRACT TO COMPUTE THE FLOATING POINT ARCTANGENT OF THE RATIO OF TWO SPECIFIED NORMALIZED FLOATING-POINT
 060 ARGUMENTS.
 070 COMMENTS SOURCE LANGUAGE: 92 SYMBOL. SIZE: 246 DECIMAL. CONFIGURATION: ANY XDS 92.

B3851152 000 AA 92 INTERRUPT-INTERLACE I/O TEST PROGRAM D VM
 010 AUTHOR XEROX
 020 851152-11A00 DESCRIPTION PRINTED
 030 851152-44A00 * COMPRESSED CARDS
 040 ABSTRACT TO TEST AS MANY OF THE INTERRUPT AND INTERLACE OPERATIONS AS POSSIBLE WITH PAPER TAPE I/O OPERATIONS.
 050 GIVEN IN I/O CHANNEL THAT IS KNOWN TO BE GOOD THEN THE PROGRAM SERVES AS A PAPER TAPE TESTER.
 060 COMMENTS SOURCE LANGUAGE: 920 META-SYMBOL WITH 92 PROCEDURES DECK. SIZE: 993 DECIMAL. CONFIGURATION: ANY XDS 92
 070 COMPUTER WITH PAPER TAPE READER AND/OR PAPER TAPE PUNCH ATTACHED TO THE I/O CHANNEL. THE INTERRUPT
 080 AND/OR INTERLACE FEATURES MAY EXIST IN ANY COMBINATION WITH RESPECT TO THE I/O CHANNELS.

B3851154 000 AA 92 DIAGNOSTIC (MAIN-FRAME DIAGNOSTIC) D VM
 010 AUTHOR XEROX
 020 851154-11A00 900878 DESCRIPTION PRINTED
 030 851154-44A00 * COMPRESSED CARDS
 040 900878 XDS92 COMPUTER EXAMINER DIAGNOSTIC SYSTEM TECHNICAL MANUAL
 050 ABSTRACT TO TEST ALL OPERATIONS WITHIN THE 92 EXCEPT THOSE RELATED TO I/O. THESE INCLUDE ALL NON-I/O
 060 INSTRUCTIONS, REGISTER TRANSFERS, ADDRESSING MODES, AND ADDER FUNCTIONS.
 070 COMMENTS SOURCE LANGUAGE: 920 META-SYMBOL. SIZE: 2000 DECIMAL. CONFIGURATION: MINIMUM OF 2K CORE AND PAPER TAPE
 080 READER. PART OF 851153, EXAMINER DIAGNOSTIC SYSTEM.

B3851155 000 AA 92 2-4K MEMORY DIAGNOSTIC D VM
 010 AUTHOR XEROX
 020 851155-11A00 900878 DESCRIPTION PRINTED
 030 851155-44A00 * COMPRESSED CARDS
 040 900878 XDS92 COMPUTER EXAMINER DIAGNOSTIC SYSTEM TECHNICAL MANUAL
 050 ABSTRACT TO VERIFY SUCCESSFUL OPERATION OF MEMORY, OR TO DETECT AND DIAGNOSE ERRORS PRODUCED BY PROGRAM-GENERATED
 060 MEMORY PATTERNS.
 070 COMMENTS SOURCE LANGUAGE: 920 META-SYMBOL. SIZE: 4000 DECIMAL. CONFIGURATION: 2K OR 4K CORE AND PAPER TAPE
 080 READER. PART OF 851153, EXAMINER DIAGNOSTIC SYSTEM.

B3851156 000 AA 92 8-16-32K MEMORY DIAGNOSTIC D VM
 010 AUTHOR XEROX
 020 851156-11A00 900878 DESCRIPTION PRINTED
 030 851156-44A00 * COMPRESSED CARDS
 040 900878 XDS92 COMPUTER EXAMINER DIAGNOSTIC SYSTEM TECHNICAL MANUAL
 050 ABSTRACT TO VERIFY SUCCESSFUL OPERATIONS, OR TO DETECT AND DIAGNOSE ERRORS PRODUCED BY PROGRAM-GENERATED MEMORY
 060 PATTERNS.
 070 COMMENTS SOURCE LANGUAGE: 920 META-SYMBOL. SIZE: 8000 DECIMAL. CONFIGURATION: 9, 16, 32K CORE AND PAPER TAPE

	080		READER. PART OF 851153, EXAMINER DIAGNOSTIC SYSTEM.	
B3851157	000	AA 92	92 TYPEWRITER TEST	D VM
	010	AUTHOR	XEROX	
	020		851157-11A00 DESCRIPTION PRINTED	
	030		851157-34A00 * SOURCE CARDS	
	040		851157-51A00 LISTING PRINTED	
	050	ABSTRACT	TO EXERCISE THE TYPEWRITER UNDER OPERATOR CONTROL	
B3851159	000	AA 92	PAPER TAPE+TYPEWRITER SUBROUTINE(PTYIO)	P VM
	010	AUTHOR	XEROX	
	020		851159-11A00 DESCRIPTION PRINTED	
	030		851159-34A00 * SOURCE CARDS	
	040	ABSTRACT	TO PROVIDE A CLOSED SUBROUTINE CAPABLE OF ACCEPTING INPUT FROM A PAPER TAPE READER OR CONSOLE TYPEWRITER	
	050		AND TRANSMITTING DATA TO A PAPER TAPE PUNCH OR CONSOLE TYPEWRITER AND PERFORMING THESE FUNCTIONS IN	
	060		EITHER BCD OR BINARY MODE. THE BUFFER INTERRUPTS MUST BE DISABLED BEFORE ENTERING THIS SUBROUTINE.	
	070	COMMENTS	SOURCE LANGUAGE: SYMBOL. SIZE: 276 DECIMAL. CONFIGURATION: ANY XDS 92 COMPUTER WITH A PAPER TAPE READER,	
	080		A PAPER TAPE PUNCH, OR A CONSOLE TYPEWRITER ATTACHED TO THE I/O CHANNEL.	
B3851160	000	AA 92	BINARY PAPER TAPE RELOCATING BOOTSTRAP	P VM
	010	AUTHOR	XEROX	
	020		851160-11A00 DESCRIPTION PRINTED	
	030		851160-34A00 * SOURCE CARDS	
	040	ABSTRACT	TO LOAD BINARY PAPER TAPES OUTPUT FROM 92 SYMBOL. THIS LOADER WILL LOAD AND RELOCATE ANY OBJECT PROGRAM	
	050		OUTPUT BY 92 SYMBOL EXCEPT ONE CONTAINING AN EXTERNAL REFERENCE/DEFINITION.	
	060	COMMENTS	SOURCE LANGUAGE: 92 SYMBOL. SIZE: 306 DECIMAL. CONFIGURATION: ANY XDS 92 WITH PAPER TAPE READER.	
B3851161	000	AA 92	BINARY PAPER TAPE BOOTSTRAP LOADER	P VM
	010	AUTHOR	XEROX	
	020		851161-11A00 DESCRIPTION PRINTED	
	030		851161-34A00 * SOURCE CARDS	
	040	ABSTRACT	TO RELOCATE INTO UPPER MEMORY BINARY PAPER TAPE OUTPUT FROM 92 SYMBOL. THIS LOADER WILL LOAD AND	
	050		RELOCATE ANY OBJECT PROGRAM OUTPUT BY 92 SYMBOL EXCEPT ON CONTAINING AN EXTERNAL REFERENCE/DEFINITION.	
	060	COMMENTS	SOURCE LANGUAGE: 92 SYMBOL. SIZE: 302 DECIMAL. CONFIGURATION: ANY XDS 92 WITH PAPER TAPE READER.	
B3851162	000	AA 92	UNIVERSAL BINARY LOADER (OURLDR)	P VM
	010	AUTHOR	XEROX	
	020		851162-11A00 DESCRIPTION PRINTED	
	030		851162-34A00 * SOURCE CARDS	

040 ABSTRACT TO LOAD ONE OR MORE PROGRAMS INTO MAIN (CORE) MEMORY FOR EXECUTION. PROGRAMS TO BE LOADED MUST BE
050 PRESENTED TO THE LOADER IN THE OBJECT PROGRAM FORMAT EMPLOYED BY XDS 92 SYMBOL.
060 COMMENTS SOURCE LANGUAGE: 92 SYMBOL. SIZE: 803 DECIMAL. CONFIGURATION: ANY XDS 92 COMPUTER WITH A PAPER TAPE
070 READER AND TYPEWRITER. THE LOADER IS AVAILABLE ON PAPER TAPE BUT CAN LOAD PROGRAMS WHICH EXIST EITHER ON
080 PUNCHED CARDS OR PAPER TAPE.

B3851163 000 AA 92 BINARY PAPER TAPE RELOCATING UPPER LOADE P VM

010 AUTHOR XEROX
020 851163-11A00 DESCRIPTION PRINTED
030 851163-34A00 * SOURCE CARDS

040 ABSTRACT TO LOAD BINARY PAPER TAPES OUTPUT FROM 92 SYMBOL. THIS LOADER WILL LOAD AND RELOCATE ANY OBJECT PROGRAM
050 OUTPUT BY 92 SYMBOL EXCEPT ONE CONTAINING AN EXTERNAL REFERENCE/ DEFINITION. THIS LOADER DIFFERS FROM
060 CATALOG NO. 851160, IN THAT IT RESIDES IN UPPER MEMORY (THE LAST 278 LOCATIONS) AND ONCE LOADER, DOES
070 NOT USE ANY LOWER MEMORY OTHER THAN SCRATCHPAD (0-31).
080 COMMENTS SOURCE LANGUAGE: 92 SYMBOL. SIZE: 278 DECIMAL. CONFIGURATION: ANY XDS 92 WITH PAPER TAPE READER.

B3851166 000 AA 92 PAPER TAPE READER TEST D VM

010 AUTHOR XEROX
020 851166-11A00 DESCRIPTION PRINTED
030 851166-44A00 * COMPRESSED CARDS

040 ABSTRACT TO EXERCISE THE PAPER TAPE READER AND TEST ITS OPERATION.
050 COMMENTS SOURCE LANGUAGE: META-SYMBOL/92. SIZE: 2146 DECIMAL. CONFIGURATION: ANY 92 COMPUTER.

B3851167 000 AA 92 CARD READ HANDLER (CDR) P VM

010 AUTHOR XEROX
020 851167-11A00 DESCRIPTION PRINTED
030 851167-34A00 * SOURCE CARDS

040 ABSTRACT TO PROVIDE A CLOSED SUBROUTINE CAPABLE OF READING 80-COLUMN CARDS PUNCHED IN EITHER BCD (HOLLERITH
050 CODED) OR BINARY FORMAT. THE PUFFER INTERRUPTS MUST BE DISABLED BEFORE ENTERING THIS SUBROUTINE.
060 COMMENTS SOURCE LANGUAGE: SYMBOL. SIZE: 126 DECIMAL. CONFIGURATION: ANY XDS 92 COMPUTER WITH A CARD READER,
070 ATTACHED TO THE I/O CHANNEL.

B3851168 000 AA 92 CARD READER TEST PROGRAM D VM

010 AUTHOR XEROX
020 851168-11A00 DESCRIPTION PRINTED
030 851168-34A00 * SOURCE CARDS

040 851168-74A00 850660-74 TEST DECK
050 ABSTRACT TO VERIFY THE OPERATION OF THE XDS 9150, 91510, 9152 OR 9153 CARD READER.
060 COMMENTS SOURCE LANGUAGE: 92 SYMBOL. SIZE: 904 DECIMAL. CONFIGURATION: ANY XDS 92 WITH TYPEWRITER AND XDS MODEL

	070		9150, 91510, 9152 OR 9153 CARD READER IN UNIT NUMBER 1 POSITION. INTERRUPTS AND/OR INTERLACE ARE NOT	
	080		REQUIRED FOR OPERATION OR TEST PROGRAM.	
B3851169	000	AA 92	MAGNETIC TAPE SUBROUTINE (MTAPE)	P VM
	010	AUTHOR	XEROX	
	020		851169-11A00 DESCRIPTION PRINTED	
	030		851169-24A00 RELOCATABLE BINARY CARDS	
	040		851169-34A00 * SOURCE CARDS	
	050	ABSTRACT	TO PROVIDE A CLOSED SUBROUTINE CAPABLE OF READING AND/OR WRITING VARIABLE LENGTH RECORDS IN EITHER BCD	
	060		OR BINARY MODES. BUFFER INTERRUPTS MUST BE DISABLED BEFORE ENTERING THIS SUBROUTINE.	
	070	COMMENTS	SOURCE LANGUAGE: SYMBOL. CONFIGURATION: ANY XDS 92 COMPUTER WITH A MAGNETIC TAPE UNIT, ATTACHED TO THE	
	080		I/O CHANNEL AT 200, 556, OR 800 BPI DENSITY.	
B3851170	000	AA 92	MAGNETIC TAPE TEST PROGRAM	D VM
	010	AUTHOR	XEROX	
	020		851170-11A00 DESCRIPTION PRINTED	
	030		851170-34A00 * SOURCE CARDS	
	040	ABSTRACT	TO PROVIDE A SIMPLE AND EASY MEANS FOR INITIAL CHECKOUT AND TESTING OF MAGNETIC TAPE UNITS.	
	050	COMMENTS	SOURCE LANGUAGE: 92 SYMBOL. SIZE 1412 DECIMAL. CONFIGURATION: ANY XDS 92 COMPUTER WITH 4K MEMORY, A	
	060		TYPEWRITER AND ONE OR MORE MAGNETIC TAPE UNITS OF ANY TYPE ATTACHED TO THE I/O CHANNEL. INTERLACE AND	
	070		I/O CHANNEL INTERRUPTS ARE NOT USED IN THE PROGRAM.	
B3851171	000	AA 92	MULTI-MAGNETIC TAPE EXERCISER	D VM
	010	AUTHOR	XEROX	
	020		851171-11A00 DESCRIPTION PRINTED	
	030		851171-34A00 * SOURCE CARDS	
	040	ABSTRACT	TO EXERCISE TAPE UNITS BY WRITING A FILE CONSISTING OF RANDOM LENGTH RECORDS OF RANDOM NUMBERS AND	
	050		READING THE TAPE BACK CHECKING FOR ERRORS. COUNTERS ARE MAINTAINED BY THE PROGRAM, TALLYING THE NUMBER	
	060		OF PASSES MADE AND THE NUMBER OF VARIOUS TYPES OF ERRORS. THE PROGRAM WILL EXERCISE UP TO 8 TAPE UNITS.	
	070	COMMENTS	SOURCE LANGUAGE: 92 SYMBOL. SIZE 2174 DECIMAL. CONFIGURATION: A 92 COMPUTER WITH ONE OR MORE MAGNETIC	
	080		TAPES AND A TYPEWRITER.	
B3851173	000	AA 92	DSC-I DIAGNOSTIC TEST FOR XDS 92	D VM
	010	AUTHOR	XEROX	
	020		851173-11A00 DESCRIPTION PRINTED	
	030		851173-34A00 * SOURCE CARDS	
	040	ABSTRACT	THE PURPOSE OF THIS TEST IS TO MAKE AVAILABLE A DATA MULTIPLEXING CHANNEL TEST, INDEPENDENT OF A	
	050		PERIPHERAL DEVICE.	
	060	COMMENTS	SOURCE LANGUAGE: XDS 920 META-SYMBOL WITH XDS 92 PROCEDURE DECK. SIZE: 2702 DECIMBOL WITH XDS 92 92,	

	070		I/O TESTER, DSC-I AND TYPEWRITER.	
83851174	000	AA 92	DSC-II DIAGNOSTIC TEST FOR XDS 92	D VM
	010	AUTHOR	XEROX	
	020		851174-11A00 DESCRIPTION PRINTED	
	030		851174-34A00 * SOURCE CARDS	
	040	ABSTRACT	THE PURPOSE OF THIS TEST IS TO MAKE AVAILABLE A DATA MULTIPLEXING CHANNEL TEST, INDEPENDENT OF A PERIPHERAL DEVICE.	
	050			
	060	COMMENTS	SOURCE LANGUAGE: XDS 920 META-SYMBOL WITH XDS 92 PROCEDURE DECK. SIZE 2358 DECIMAL. CONFIGURATION: ANY	
	070		XDS 92 WITH I/O TESTER, DSC-II AND TYPEWRITER.	
83851175	000	AA 92	INT, BFO, BPI DIAGNOSTIC TEST FOR XDS 92	D VM
	010	AUTHOR	XEROX	
	020		851175-11A00 DESCRIPTION PRINTED	
	030		851175-34A00 * SOURCE CARDS	
	040	ABSTRACT	THE PURPOSE OF THIS TEST IS TO MAKE AVAILABLE A BPO/BPI TEST, AND/OR AN INTERRUPT CHASSIS TEST, BY USING THE I/O TESTER INSTEAD OF PERIPHERAL DEVICES.	
	050			
	060	COMMENTS	SOURCE LANGUAGE: XDS 920 META-SYMBOL WITH XDS 92 PROCEDURE DECK. SIZE 1905 DECIMAL. CONFIGURATION: ANY	
	070		XDS 92 WITH I/O TESTER, TYPEWRITER, AND INTERRUPT CHASSIS (NOT NECESSARY IF ONLY BPO/BPI IS TO BE TESTED).	
	080			
83851176	000	AA 92	MEMORY TO LINE PRINTER OCTAL DUMP	P VM
	010	AUTHOR	XEROX	
	020		851176-11A00 DESCRIPTION PRINTED	
	030		851176-44A00 * COMPRESSED CARDS	
	040		851176-84A00 ABSOLUTE BINARY CARDS	
	050	ABSTRACT	TO DISPLAY THE CONTENTS OF A SELECTED PORTION OF MEMORY	
	060	COMMENTS	SIZE 80 DECIMAL. CONFIGURATION: ANY XDS 92 WITH LINE PRINTER AND PAPER TAPE OR CARD READER.	
83851177	000	AA 92	LINE PRINTER SUBROUTINE (PRINT)	P VM
	010	AUTHOR	XEROX	
	020		851177-11A00 DESCRIPTION PRINTED	
	030		851177-24A00 RELOCATABLE BINARY CARDS	
	040		851177-34A00 * SOURCE CARDS	
	050	ABSTRACT	TO PROVIDE A CLOSED SUBROUTINE CAPABLE OF PRINTING LINES OF UP TO 132 CHARACTERS WITH VERTICAL FORMAT CONTROL. THE BUFFER INTERRUPTS MUST BE DISABLED BEFORE ENTERING THIS SUBROUTINE.	
	060			
	070	COMMENTS	SOURCE LANGUAGE: SYMBOL, SIZE 184 DECIMAL. CONFIGURATION: ANY XDS 92 COMPUTER WITH A LINE BUFFERED	
	080		PRINTER, ATTACHED TO THE I/O CHANNEL.	

B3851178	000	AA 92	MOD. 9372 UNBUF. LINE PRINTER. SUBR. (PRIN	P VM
	010	AUTHOR	XEROX	
	020		851178-11A00 DESCRIPTION PRINTED	
	030		851178-34A00 * SOURCE CARDS	
	040	ABSTRACT	TO PROVIDE A CLOSED SUBROUTINE CAPABLE OF PRINTING LINES OF UP TO 120 CHARACTERS WITH VERTICAL FORMAT	
	050		CONTROL. THE BUFFER INTERRUPTS MUST BE DISABLED BEFORE ENTERING THIS SUBROUTINE.	
	060	COMMENTS	SOURCE LANGUAGE: 92 SYMBOL. SIZE 466 DECIMAL. CONFIGURATION: ANY XDS 92 WITH A MODEL 9372 UNBUFFERED	
	070		LINE PRINTER.	
B3851179	000	AA 92	MOD. 9372 UNBUF. LINE PRINTER DIAGNOSTIC	D VM
	010	AUTHOR	XEROX	
	020		851179-11A00 DESCRIPTION PRINTED	
	030		851179-34A00 * SOURCE CARDS	
	040	ABSTRACT	THE DIAGNOSTIC PROGRAM HAS BEEN DESIGNED PRIMARILY TO TEST THE BASIC FUNCTIONS OF THE 9372 PRINTER	
	050		UTILIZING A LIMITED AMOUNT OF CORE. TO ACHIEVE THESE ENDS SOME LIMITATIONS HAVE BEEN PUT ON KEYBOARD	
	060		ENTRIES (MUST BE OF COMPLETE NATURE), AND TITLE PRINTOUTS.	
	070	COMMENTS	SOURCE LANGUAGE: 92 SYMBOL. SIZE 1720 DECIMAL. CONFIGURATION: ANY XDS 92 WITH A MODEL 9372 UNBUFFERED	
	080		LINE PRINTER.	
B3851180	000	AA 92	BUFFERED LINE PRT. DIAGNOSTIC 9379/9171	D VM
	010	AUTHOR	XEROX	
	020		851180-11A00 DESCRIPTION PRINTED	
	030		851180-34A00 * SOURCE CARDS	
	040	ABSTRACT	THE DIAGNOSTIC PROGRAM WILL PROVIDE A COMPREHENSIVE TEST FOR THE BUFFERED LINE PRINTER WITHIN A LIMITED	
	050		AMOUNT OR CORE.	
	060	COMMENTS	SIZE: 1571 DECIMAL. CONFIGURATION: ANY XDS 92 WITH A MODEL 9379/9171 BUFFERED LINE PRINTER.	
B3851181	000	AA 92	MTE-2 MAGNETIC TAPE EXERCISER	D VM
	010	AUTHOR	XEROX	
	020		851181-11A00 DESCRIPTION PRINTED	
	030		851181-44A00 * COMPRESSED CARDS	
	040		851181-84A00 ABSOLUTE BINARY CARDS	
	050	ABSTRACT	THIS PROGRAM IS DESIGNED TO EXERCISE THE MAGNETIC TAPE UNIT BY FIRST WRITING RECORDS OF RANDOM NUMBERS	
	060		AND THEN READING THESE RECORDS BACK AND COMPARING THEM WITH THE NUMBERS WRITTEN. AN ATTEMPT IS MADE TO	
	070		TABULATE AND OUT PUT ALL USEFUL INFORMATION CONCERNING THE ERRORS MADE, IF ANY, AND THE NUMBER OF PASSES	
	080		OVER THE TAPE.	
	090	COMMENTS	SOURCE LANGUAGE: META-SYMBOL (92 PROC DECK, 850677). SIZE 1600 DECIMAL. CONFIGURATION: XDS 92 COMPUTER	
	100		AND A 6-BIT I/O CHANNEL, A TYPEWRITER CONNECTED TO THE W BUFFER, AND A MTE-2 MAGNETIC TAPE TRANSPORT,	
	110		UNIT 0, CONNECTED TO THE W BUFFER.	

B3851182	000	AA 92	SCOPE TEST PROGRAM	D VM
	010	AUTHOR	XEROX	
	020		851182-11A00 DESCRIPTION PRINTED	
	030		851182-34A00 * SOURCE CARDS	
	040	ABSTRACT	TO AID IN SCOPE MAINTENANCE AND VERIFICATION OF SCOPE OPERATION. THE PROGRAM INCLUDES TESTS FOR ALL	
	050		OPTIONAL SCOPE FEATURES.	
	060	COMMENTS	SOURCE LANGUAGE: 92 SYMBOL. CONFIGURATION: XDS 92 WITH PAPER TAPE, TYPEWRITER, 24BIT PIN/POT EXTENDER	
	070		AND MODEL 9185 OSCILLOSCOPE DISPLAY SYSTEM.	
B3851184	000	AA 92	92 RAD ANALYTIC DIAGNOSTIC	D VM
	010	AUTHOR	XEROX	
	020		851184-11A00 DESCRIPTION PRINTED	
	030		851184-34A00 * SOURCE CARDS	
	040	ABSTRACT	TO PROVIDE A COMPREHENSIVE DIAGNOSTIC FOR CHECKOUT AND TESTING OF RADS.	
	050	COMMENTS	SOURCE LANGUAGE: 92 SYMBOL. SIZE 4037 DECIMAL. CONFIGURATION: AN XDS MODEL 92 COMPUTER WITH A TYPEWRITER	
	060		(NUMBER 1) ATTACHED AND ONE OR MORE RAD UNITS USING INTERLACE AND 12 BIT EXTENDER.	
B3851185	000	AA 92	TEST PROGRAM FOR DISC FILE 9367-A	D VM
	010	AUTHOR	XEROX	
	020		851185-11A00 DESCRIPTION PRINTED	
	030		851185-34A00 * SOURCE CARDS	
	040	ABSTRACT	TO AID IN THE DEVELOPMENT AND CHECKOUT OF DISC FILE MODEL 9367-A.	
	050	COMMENTS	SOURCE LANGUAGE: 92 SYMBOL. CONFIGURATION: XDS 92 COMPUTER. 8K MEMORY. 12 BIT CHARACTER OPTION ON I/O	
	060		CHANNEL. DISC FILE SYSTEM MODEL 9367-A ATTACHED TO I/O CHANNEL (UNIT 26). DISC FILE UNIT MUST BE UNIT 0.	
B3851186	000	AA 92	POWER FAIL-SAFE TEST	D VM
	010	AUTHOR	XEROX	
	020		851186-11A00 DESCRIPTION PRINTED	
	030		851186-34A00 * SOURCE CARDS	
	040	ABSTRACT	TO VERIFY PROPER OPERATION OF THE POWER FAIL-SAFE OPTION.	
	050	COMMENTS	SOURCE LANGUAGE: 92 SYMBOL. SIZE: 983 DECIMAL. CONFIGURATION: ANY XDS 92 WITH POWER FAIL-SAFE AND PAPER	
	060		TAPE READER.	
B3851187	000	AA 92	REAL TIME CLOCK TEST	D VM
	010	AUTHOR	XEROX	
	020		851187-11A00 DESCRIPTION PRINTED	
	030		851187-34A00 * SOURCE CARDS	
	040		851187-84A00 ABSOLUTE BINARY CARDS	

050 ABSTRACT TO VERIFY PROPER OPERATION OF THE REAL TIME CLOCK.
060 COMMENTS SOURCE LANGUAGE: 92 SYMBOL. SIZE 1664 DECIMAL. CONFIGURATION: ANY XDS 92 WITH REAL TIME CLOCK AND PAPER
070 TAPE READER.

B3851188 000 AA 92 92 BASIC UTILITY PACKAGE P VM

010 AUTHOR XEROX
020 851188-11A00 DESCRIPTION PRINTED
030 851188-34A00 * SOURCE CARDS
040 851188-84A00 ABSOLUTE BINARY CARDS

050 ABSTRACT TO PROVIDE A SIMPLE UTILITY SYSTEM FOR USE ON-LINE WITH THE 92.
060 COMMENTS SOURCE LANGUAGE: META-SYMBOL. SIZE: 840 DECIMAL WORDS. CONFIGURATION: ANY XDS 9300 COMPUTER.

B3851220 000 AA 900-SERIES MANAGE SYSTEM (COVER) P VM

010 AUTHOR XEROX
020 851220-11A00 DESCRIPTION PRINTED
030 851220-45A00 * COMPRESSED MAG TAPE, 7 CHANNELS
040 851220-55A00 LISTING MAG TAPE, 7 CHANNELS
050 851220-85A00 ABSOLUTE BINARY MAG TAPE, 7 CHANNELS
060 901046 XDS MANAGE REFERENCE MANUAL

070 ABSTRACT XDS MANAGE IS A GENERALIZED FILE MANAGEMENT SYSTEM EXPRESSLY DESIGNED TO AID CORPORATE DECISION
080 MAKING. IT PROVIDES A SIMPLIFIED METHOD FOR USING A COMPUTER TO ESTABLISH AND MAINTAIN VITAL COMPANY
090 RECORDS ON MAGNETIC TAPE, SELECTIVELY RETRIEVE DATA FROM THOSE RECORDS, AND GENERATE PRINTED REPORTS OF
100 THE DATA WHEN REQUESTED.

B3851257 000 AB 900-SERIES 925/930 RTM STAND-ALONE UPDATE P MM

010 AUTHOR XEROX
020 851257-11B00 DESCRIPTION PRINTED
030 851257-45B00 851500-45 COMPRESSED MAG TAPE, 7 CHANNELS
040 851257-84B00 ABSOLUTE BINARY CARDS

050 ABSTRACT THIS ROUTINE IS USED TO UPDATE 925/930 RTM SYSGEN TAPES.
060 COMMENTS SOURCE LANGUAGE: METASYMBOL, CONFIGURATION: XDS 925/930 WITH 8K MEMORY (MINIMUM).

B3851258 000 AA 910 910/925 MONARCH FOR UNBUFFERED PRINTER P MM

010 AUTHOR XEROX
020 851258-11A00 DESCRIPTION PRINTED
030 851258-85A00 ABSOLUTE BINARY MAG TAPE, 7 CHANNELS

040 ABSTRACT TO PREFORM AUTOMATIC EXECUTION OF A SEQUENCE OF INDEPENDENT OR RELATED PROGRAMS WITHOUT REQUIRING
050 OPERATOR INTERVENTION
060 COMMENTS ANY XDS 910/925 WITH AT LEAST 8K WORDS OF STORAGE, CONSOLE TYPEWRITER, ONE OR MORE. MAG TAPES, AND

	070			UNBUFFERED PRINTER.		
B3851259	000	AA 920		920/930 MONARCH FOR UNBUFFERED PRINTER	P VM	
	010	AUTHOR	XEROX			
	020		851259-11A00	DESCRIPTION PRINTED		
	030		851259-85A00	ABSOLUTE BINARY MAG TAPE, 7 CHANNELS		
	040	ABSTRACT	TO PERFORM AUTOMATIC EXECUTION OF A SEQUENCE OF INDEPENDENT OR RELATED PROGRAMS WITHOUT REQUIRING			
	050		OPERATOR INTERVENTION.			
	060	COMMENTS	ANY XDS 920/930 WITH AT LEAST 8K WORDS OF STORAGE, CONSOLE TYPEWRITER, ONE OR MORE MAG TAPES, AND			
	070		UNBUFFERED PRINTER.			
B3851260	000	AA 925		925 RAD MONARCH FOR UNBUFFERED PRINTER	P VM	
	010	AUTHOR	XEROX			
	020		851260-11A00	DESCRIPTION PRINTED		
	030		851260-85A00	ABSOLUTE BINARY MAG TAPE, 7 CHANNELS		
	040	ABSTRACT	TO PERFORM AUTOMATIC EXECUTION OF A SEQUENCE OF INDEPENDENT OR RELATED PROGRAMS WITHOUT REQUIRING			
	050		OPERATOR INTERVENTION.			
	060	COMMENTS	ANY XDS 925 WITH AT LEAST 8K WORDS OF STORAGE CONSOLE TYPEWRITER, ONE OR MORE MAG TAPES, 9367 DISC FILE,			
	070		AND UNBUFFERED PRINTER.			
B3851261	000	AA 930		930 RAD MONARCH FOR UNBUFFERED PRINTER	P VM	
	010	AUTHOR	XEROX			
	020		851261-11A00	DESCRIPTION PRINTED		
	030		851261-85A00	ABSOLUTE BINARY MAG TAPE, 7 CHANNELS		
	040	ABSTRACT	TO PERFORM AUTOMATIC EXECUTION OF A SEQUENCE OF INDEPENDENT OR RELATED PROGRAMS WITHOUT REQUIRING			
	050		OPERATOR INTERVENTION.			
	060	COMMENTS	ANY XDS 930 WITH AT LEAST 8K WORDS OF STORAGE, CONSOLE TYPEWRITER, ONE OR MORE MAG TAPES, 9367 DISC			
	070		FILE, AND UNBUFFERED PRINTER.			
B3851290	000	AA 9-SERIES		MONARCH MPRINT (UNBUF)	P VM	
	010	AUTHOR	XEROX			
	020		851290-35A00	850000-35 SOURCE MAG TAPE, 7 CHANNELS		
	030	ABSTRACT	TO PRINT CONTROL MESSAGES AND ERROR MESSAGES ON UNBUFFERED LINE PRINTER.			
B3851291	000	AA 9-SERIES		MONARCH PRINT (UNBUF)	P VM	
	010	AUTHOR	XEROX			
	020		851291-35A00	850000-35 SOURCE MAG TAPE, 7 CHANNELS		
	030		851291-44A00 *	COMPRESSED CARDS		
	040	ABSTRACT	TO PRINT CONTROL MESSAGES AND ERROR MESSAGES ON UNBUFFERED LINE PRINTERS.			

B3851292	000	AA 9-SERIES	MONARCH CDRP	P VM
	010	AUTHOR	XEROX	
	020	851292-11A00	DESCRIPTION PRINTED	
	030	851292-24A00	RELOCATABLE BINARY CARDS	
	040	851292-35A00 850000-35	SOURCE MAG TAPE, 7 CHANNELS	
	050	ABSTRACT TO OBTAIN A BINARY CARD IMAGE FROM CARD READER.		
B3851293	000	AA 9-SERIES	MONARCH PTYIO	P VM
	010	AUTHOR	XEROX	
	020	851293-11A00	DESCRIPTION PRINTED	
	030	851293-24A00	RELOCATABLE BINARY CARDS	
	040	851293-35A00 850000-35	SOURCE MAG TAPE, 7 CHANNELS	
	050	ABSTRACT TO OBTAIN CONTROL MESSAGE RECORDS FROM A PAPER-TAPE READER OR A TYPEWRITER AND TO TYPE CONTROL MESSAGES		
	060	AND ERROR MESSAGES ON TYPEWRITER.		
B3851294	000	AA 9-SERIES	MONARCH MTAPE	P VM
	010	AUTHOR	XEROX	
	020	851294-11A00	DESCRIPTION PRINTED	
	040	851294-24A00	RELOCATABLE BINARY CARDS	
	050	851294-35A00 850000-35	SOURCE MAG TAPE, 7 CHANNELS	
	060	ABSTRACT TO PERFORM MAGNETIC TAPE INPUT AND OUTPUT FUNCTIONS REQUESTED BY THE MONARCH CONTROL AND ACTION		
	070	ROUTINES.		
B3851295	000	AA 9-SERIES	MONARCH PRINT	P VM
	010	AUTHOR	XEROX	
	020	851295-11A00	DESCRIPTION PRINTED	
	030	851295-35A00 850000-35	SOURCE MAG TAPE, 7 CHANNELS	
	040	ABSTRACT TO PRINT CONTROL AND ERROR MESSAGES ON LINE PRINTER.		
B3851299	000	AA 930	EXT. I/O TEST (NAV. TOR. STA. SYS., ADD-ON)	P VM
	010	AUTHOR	S. GOOD	
	020	851299-11A00	DESCRIPTION PRINTED	
	030	851299-34A00 *	SOURCE CARDS	
	040	ABSTRACT THIS PROGRAM EXERCISES THE 12 EXTERNAL INPUTS (PIN) AND THE 12 EXTERNAL OUTPUTS (POT) OF THE NAVAL		
	050	TORPEDO STATION SYSTEM (ADD-ON).		
	060	COMMENTS IN THE "POT" MODE, THE OPERATOR TYPES IN THE OCTAL VALUE TO BE OUTPUT AND THIS VALUE IS SEQUENTIALLY		
	070	"POTTED" BY ALL OF THE 12 EXTERNAL OUTPUTS. IN THE "PIN" MODE, THE VALUE OF EACH OF THE 12 EXTERNAL		
	080	INPUTS IS SEQUENTIALLY TYPED, IN OCTAL.		

B3851300	000	AC	900-SERIES	925/930 FORTRAN IV LIBRARY	P MM
	010	AUTHOR	XEROX		
	020		851300-11F01	DESCRIPTION PRINTED	
	030		851300-25B00	851500-25 RELOCATABLE BINARY MAG TAPE, 7 CHANNELS	
	040		851300-45B00 *	COMPRESSED MAG TAPE, 7 CHANNELS	
	060	ABSTRACT	THIS PROGRAM IS A COVER NUMBER FOR THE COMPLETE FORTRAN IV LIBRARY. IT INCLUDES CATALOG NUMBERS 851301		
	070		THROUGH 851468.		
B3851500	000	AC	900-SERIES	925/930 REAL-TIME MONITOR	P MM
	010	AUTHOR	XEROX		
	020		851500-11D00	DESCRIPTION PRINTED	
	030		851500-25D00	RELOCATABLE BINARY MAG TAPE, 7 CHANNELS	
	040		851500-45D00 *	COMPRESSED MAG TAPE, 7 CHANNELS	
	050		851500-74D00	TEST DECK	
	060	ABSTRACT	THE REAL TIME MONITOR IS A COMPREHENSIVE SYSTEM FOR MONITORING AND CONTROLLING ASSEMBLIES, COMPILATIONS		
	070		AND OTHER PROGRAM OPERATION IN A REENTRANT, ONLINE REAL TIME MODE WILL NOT RUN ON 910/920. FOR		
	080		REDUCTION.		
	090	COMMENTS	THIS PROGRAM COVERS CATALOG NUMBERS 851502 THRU 851578, THE -85 ELEMENT CONTAINS: REAL TIME MONITOR		
	100		SYMBOL ASSEMBLER, REAL TIME FORTRAN IV COMPILER, AND REAL TIME FORTRAN IV LIBRARY.		
B3851579	000	AA	930	ARRAYS PROGRAM FOR NAVAL TORPEDO STATION	P VM
	010	AUTHOR	XEROX		
	020		851579-11A00	DESCRIPTION PRINTED	
	030		851579-44A00 *	COMPRESSED CARDS	
	040	ABSTRACT	TO TEST THE INPUT HARDWARE THAT SAMPLES THE ARRAYS.		
	050	COMMENTS	SOURCE LANGUAGE:SYMBOL. COMPUTER CONFIGURATION:NAVAL TORPEDO STATION SYSTEM (ADD-ON) (930)		
B3851580	000	AA	930	INTER-COMPUTER COUPLER TEST	D VM
	010	AUTHOR	XEROX		
	020		851580-11A00	DESCRIPTION PRINTED	
	030		851580-34A00 *	SOURCE CARDS	
	040		851580-84A00	ABSOLUTE BINARY CARDS	
	050	ABSTRACT	THIS PROGRAM EXERCISES THE CCE-25 INTER-COMPUTER COUPLER WHEN IT IS CONNECTED BETWEEN TWO 930 COMPUTERS.		
	060	COMMENTS	THE PROGRAM ALLOWS THE USER TO SPECIFY THE NUMBER OF CHARACTERS PER WORD, THE IMCC TO BE USED, THE SEND		
	070		INTERRUPT MEMORY LOCATION TO BE USED, THE RECEIVE INTERRUPT MEMORY LOCATION TO BE USED AND THE DATA TO		
	080		BE TRANSFERRED.		
B3851583	000	AA	900-SERIES	900 SERIES FORTRAN IV COMPILER	P VM

	010	AUTHOR	XEROX		
	020		851583-11A00	851500-11	DESCRIPTION PRINTED
	030		851583-25A00		RELOCATABLE BINARY MAG TAPE, 7 CHANNELS
	040		851583-35A00 *		SOURCE MAG TAPE, 7 CHANNELS
	050		851583-55A00 *		LISTING MAG TAPE, 7 CHANNELS
	060	ABSTRACT	THIS PROGRAM ALLOWS COMPILATION ON ANY 900 SERIES MACHINE OF PROGRAMS WRITTEN IN XDS FORTRAN IV, WITH		
	070		THE EXCEPTION OF THOSE STATEMENTS AS NOTED IN THE XDS FORTRAN IV REF MANUAL AND APPLICABLE RSS MEMOS.		
	080	COMMENTS	ITS LIMITATIONS ARE DESCRIBED IN 851500-11 BUT NO OTHER FORMAL DOCUMENTATION EXISTS.		
B3851584	000	AA	9-SERIES		ACCEPTANCE PROG. FOR DATA COMMUNICATION D VM
	010	AUTHOR	XEROX		
	020		851584-11A00		DESCRIPTION PRINTED
	030		851584-44A00 *		COMPRESSED CARDS
	040	ABSTRACT	PROVIDES A MEANS OF TESTING THE OPERATION OF XDS DATA COMMUNICATIONS EQUIPMENT.		
	050	COMMENTS	SOURCE LANGUAGE: META-SYMBOL CONFIGURATION: ANY 900 SERIES COMPUTER WITH DATA COMMUNICATIONS EQUIPMENT.		
B3851585	000	AA	9-SERIES		COMMUNICATION BUFFER CHECKOUT PROGRAM D VM
	010	AUTHOR	XEROX		
	020		851585-11A00		DESCRIPTION PRINTED
	030		851585-44A00 *		COMPRESSED CARDS
	040	ABSTRACT	COMPUTER CONFIGURATION: ANY XDS 900 SERIES COMPUTER WITH COMMUNICATIONS BUFFER, 4K MEMORY AND ONE OR		
	050		MORE TELETYPE UNITS OPERATING IN 5 LEVEL OR 8 LEVEL CODE.		
	060	COMMENTS	SOURCE LANGUAGE: SYMBOL/META-SYMBOL		
B3851586	000	AA	92		FLN -FLOATING NEGATE SUBROUTINE P VM
	010	AUTHOR	XEROX		
	020		851586-11A00		DESCRIPTION PRINTED
	030		851586-34A00 *		SOURCE CARDS
	040	ABSTRACT	TO NEGATE A FLOATING-POINT NUMBER IN THE PSEUDO ACCUMULATOR		
B3851587	000	AA	92		FLOAT -FIXED TO FLOATING SUBROUTINE P VM
	010	AUTHOR	XEROX		
	020		851587-11A00		DESCRIPTION PRINTED
	030		851587-34A00 *		SOURCE CARDS
	040		851587-84A00		ABSOLUTE BINARY CARDS
	050	ABSTRACT	TO FLOAT A FIXED-POINT TWO'S COMPLEMENT INTEGER IN LOCATIONS 2 AND 3, WITH TWO'S COMPLEMENT BINARY		
	060		SCALING IN THE B REGISTER TO A FLOATING POINT NUMBER IN THE PSEUDO-ACCUMULATOR.		
B3851588	000	AA	92		FIX -FLOATING TO A FIXED SUBROUTINE P VM

	010	AUTHOR	XEROX		
	020		851588-11A00	DESCRIPTION PRINTED	
	030		851588-34A00 *	SOURCE CARDS	
	040		851588-84A00	ABSOLUTE BINARY CARDS	
	050	ABSTRACT	TO CONVERT A NORMALIZED FLOATING-POINT NUMBER IN THE PSEUDOACCUMULATOR TO A TWO'S COMPLEMENT FIXED POINT		
	060		INTEGER IN LOCATIONS 2 AND 3, WITH TWO'S COMPLEMENT BINARY SCALING SPECIFIED IN THE B REGISTER.		
B3851589	000	AA 92	DVASIM -SIMULATED DVA INSTRUCTION		P VM
	010	AUTHOR	XEROX		
	020		851589-11A00	DESCRIPTION PRINTED	
	030		851589-34A00 *	SOURCE CARDS	
	040		851589-84A00	ABSOLUTE BINARY CARDS	
	050	ABSTRACT	TO SIMULATE THE OPTIONAL DVA INSTRUCTION WHEN A DVA TRAP OCCURS		
B3851590	000	AA 92	DVBSIM -SIMULATED DVB INSTRUCTION		P VM
	010	AUTHOR	XEROX		
	020		851590-11A00	DESCRIPTION PRINTED	
	030		851590-34A00 *	SOURCE CARDS	
	040		851590-84A00	ABSOLUTE BINARY CARDS	
	050	ABSTRACT	TO SIMULATE THE OPTIONAL DVB INSTRUCTION WHEN A DVB TRAP OCCURS		
B3851591	000	AA 92	MUASIM -SIMULATED MUA INSTRUCTION		P VM
	010	AUTHOR	XEROX		
	020		851591-11A00	DESCRIPTION PRINTED	
	030		851591-34A00 *	SOURCE CARDS	
	040		851591-84A00	ABSOLUTE BINARY CARDS	
	050	ABSTRACT	TO SIMULATE THE OPTIONAL MUA INSTRUCTION WHEN AN MUA TRAP OCCURS		
B3851592	000	AA 92	MUBSIM -SIMULATED MUB INSTRUCTION		P VM
	010	AUTHOR	XEROX		
	020		851592-11A00	DESCRIPTION PRINTED	
	030		851592-34A00 *	SOURCE CARDS	
	040		851592-84A00	ABSOLUTE BINARY CARDS	
	050	ABSTRACT	TO SIMULATE THE OPTIONAL MUB INSTRUCTION WHEN AN MUB TRAP OCCURS		
B3851593	000	AA 92	NORMZ -FLOATING NORMALIZE SUBROUTINE		P VM
	010	AUTHOR	XEROX		
	020		851593-11A00	DESCRIPTION PRINTED	
	030		851593-34A00 *	SOURCE CARDS	

	040		851593-84A00	ABSOLUTE BINARY CARDS	
	050		ABSTRACT TO NORMALIZE A FLOATING-POINT NUMBER IN THE PSEUDO-ACCUMULATOR		
B3851594	000	AA 92		SQRT -FLOATING-POINT SQUARE ROOT SUBRT.	P VM
	010	AUTHOR	XEROX		
	020		851594-11A00	DESCRIPTION PRINTED	
	030		851594-34A00 *	SOURCE CARDS	
	040		851594-84A00	ABSOLUTE BINARY CARDS	
	050		ABSTRACT TO REPLACE A NORMALIZED FLOATING-POINT NUMBER IN THE PSEUDOACCUMULATOR BY ITS SQUARE ROOT		
B3851595	000	AA 92		EFFADR -EFFECTIVE ADDRESS ROUTINE	P VM
	010	AUTHOR	XEROX		
	020		851595-11A00	DESCRIPTION PRINTED	
	030		851595-34A00 *	SOURCE CARDS	
	040		851595-84A00	ABSOLUTE BINARY CARDS	
	050		ABSTRACT TO DETERMINE THE EFFECTIVE ADDRESS OF AN INSTRUCTION. THE EFFECTIVE ADDRESS IS PLACED IN BITS 9-11 OF LOCATION 20 AND IN LOCATION 21		
	060				
B3851596	000	AA 92		EXP -FLOATING POINT EXPONENTIAL	P VM
	010	AUTHOR	XEROX		
	020		851596-11A00	DESCRIPTION PRINTED	
	030		851596-34A00 *	SOURCE CARDS	
	040		851596-84A00	ABSOLUTE BINARY CARDS	
	050		ABSTRACT TO REPLACE A NORMALIZED FLOATING-POINT NUMBER IN THE PSEUDOACCUMULATOR BY ITS EXPONENTIAL		
B3851597	000	AA 92		FLOATING POINT ARITHMETIC PKGE, FLPT92	P VM
	010	AUTHOR	XEROX		
	020		851597-11A00	DESCRIPTION PRINTED	
	030		851597-34A00 *	SOURCE CARDS	
	040		851597-84A00	ABSOLUTE BINARY CARDS	
	050		ABSTRACT TO PROVIDE FLOATING-POINT CAPABILITY FOR XDS 92. THE FLOATINGPOINT PACKAGE CONSISTS OF: FLA - FLOATING		
	060		ADD FLS - FLOATING SUBTRACT FLM - FLOATING MULTIPLY FLD - FLOATING DIVIDE LDT - LOAD TRIPLE PRECISION		
	070		NORMZ - NORMALIZE FLOATING POINT NO.(SEE CAT. NO. 703008)		
B3851598	000	AA 900-SERIES	910 SYMBOL 4		P VM
	010	AUTHOR	XEROX		
	020		851598-11A00	DESCRIPTION PRINTED	
	030		851598-34A00 *	SOURCE CARDS	
	040		900688-	XDS 900 SERIES SYMBOL TECHNICAL MANUAL	

050 ABSTRACT 910 SYMBOL 4 IS DESIGNED TO RUN ON A XDS 910 WITH 4096 WORDS OF MEMORY, A TYPEWRITER, AND PAPER TAPE
060 INPUT/OUTPUT.

B3851601 000 AA 900-SERIES 910 SYMBOL 4 TABLE PRINTER P VM
010 AUTHOR XEROX
020 851601-11A00 DESCRIPTION PRINTED
030 851601-34A00 * SOURCE CARDS
040 ABSTRACT TO LIST THE SYMBOL TABLE AFTER PASS 2 OF THE SYMBOL 4 ASSEMBLER.

B3851604 000 AA 900-SERIES 920 SYMBOL 4 P VM
010 AUTHOR XEROX
020 851604-11A00 DESCRIPTION PRINTED
030 851604-34A00 * SOURCE CARDS
040 900688 XDS 900 SERIES SYMBOL TECHNICAL MANUAL
050 ABSTRACT CONFIGURATION: XDS 920 WITH 4096 WORDS OF MEMORY TYPEWRITER, AND PAPER TAPE INPUT/OUTPUT.

B3851605 000 AA 900-SERIES 920 SYMBOL 4 RUF. LINE PRINTER MOD P VM
010 AUTHOR XEROX
020 851605-11A00 DESCRIPTION PRINTED
030 851605-34A00 * SOURCE CARDS
040 ABSTRACT TO CONVERT SYMBOL TO OUTPUT ON THE 9173 LINE PRINTER INSTEAD OF THE TYPEWRITER.

B3851606 000 AA 900-SERIES 920 SYMBOL 4 UNBUF. LINE PRINTER MOD P VM
010 AUTHOR XEROX
020 851606-11A00 DESCRIPTION PRINTED
040 851606-34A00 * SOURCE CARDS
050 ABSTRACT TO CONVERT SYMBOL 4 TO OUTPUT ON THE 9170 LINE PRINTER INSTEAD OF THE TYPEWRITER.

B3851607 000 AA 900-SERIES 920 SYMBOL 4 TABLE PRINTER P VM
010 AUTHOR XEROX
020 851607-11A00 DESCRIPTION PRINTED
030 851607-34A00 * SOURCE CARDS
040 ABSTRACT TO LIST THE SYMBOL TABLE AFTER PASS 2 OF THE SYMBOL ASSEMBLER.

B3851610 000 AA 900-SERIES 920/910 SYMBOL 4 UNBUF. PRINTER MOD P VM
010 AUTHOR XEROX
020 851610-11A00 DESCRIPTION PRINTED
030 851610-34A00 * SOURCE CARDS
040 ABSTRACT TO CONVERT SYMBOL 4 TO OUTPUT ON THE 9170 LINE PRINTER INSTEAD OF THE TYPEWRITER.

B3851612	000	AA	900-SERIES	920/930 SYMBOL 8 UNBUF. PRINTER VERSION	P VM
	010	AUTHOR	XEROX		
	020		851612-11A00	DESCRIPTION PRINTED	
	030		851612-34A00 *	SOURCE CARDS	
	040		900688-	XDS 900 SERIES SYMBOL TECHNICAL MANUAL	
	050	ABSTRACT CONFIGURATION: XDS 920/930 WITH 6K-16K MEMORY, 9170 LINE PRINTER, PAPER TAPE INPUT.			
B3851613	000	AA	9-SERIES	1-CARD DUMP PUNCH PROGRAM	P VM
	010	AUTHOR	XEROX		
	020		851613-11A00	DESCRIPTION PRINTED	
	030		851613-34A00 *	SOURCE CARDS	
	040		851613-51A00	LISTING PRINTED	
	050	ABSTRACT TO PUNCH OUT A 1-CARD DUMP FOR A CARD-READER OR ANY CHANNEL AND/OR TO PUNCH OUT THE SAME DUMP PROGRAM ON			
	060	A PAPER TAPE STATION ATTACHED TO ANY CHANNEL. THE DUMP ITSELF MAY BE PLACED ON A PRINTER ATTACHED TO			
	070	ANY CHANNEL.			
	080	COMMENTS COMPUTED CONFIGURATION: ANY 9-SERIES COMPUTER WITH META-SYMBOL ON THE SYSTEM			
B3851614	000	AA	9-SERIES	RAD TO MAGNETIC TAPE DUMP	P VM
	010	AUTHOR	XEROX		
	020		851614-11A00	DESCRIPTION PRINTED	
	030		851614-24A00	RELOCATABLE BINARY CARDS	
	040		851614-34A00 *	SOURCE CARDS	
	050	ABSTRACT RAD-TO-TAPE DUMP WHICH ALLOWS USER TO SPECIFY RAD CHANNEL AND TAPE CHANNEL AND A RAD SIZE OF EITHER 1/2			
	060	MILLION, 1 MILLION OR 2 MILLION CHARACTERS. THE TAPE PRODUCED MAY THEN HAVE ITS CONTENTS PLACED BACK ON			
	070	THE RAD BY EXECUTING A TAPE FILL PROCEDURE.			
B3851615	000	AA	930	DIGITAL I/O TEST FOR GD/C ATS	D VM
	010	AUTHOR	XEROX		
	020		851615-11A00	DESCRIPTION PRINTED	
	030		851615-44A00 *	COMPRESSED CARDS	
	040	ABSTRACT THIS PROGRAM WILL TEST THE DIGITAL I/O SUBSYSTEM OF THE GENERAL DYNAMICS/CONVAIR AUTOMATIC TEST SET			
	050	SYSTEM.			
	060	COMMENTS HARDWARE CONFIGURATION: 930 COMPUTER, 12 "POT" CHANNELS, 12 "PIN" CHANNELS, 128 "SKS" CHANNELS, 220			
	070	"EOM" CHANNELS HEWLETT PACKARD 101A OSCILLATOR, SPECIAL XDS 24-BIT TEST REGISTER. THE HP 101A OSCILLATOR			
	080	IS CONNECTED THROUGH THE SPECIAL SYSTEMS LOGIC TO INTERRUPTS 204-210 (OCTAL).			
B3851616	000	AA	930	ANALOG/NSC-II TEST FOR GD/C ATS	D VM
	010	AUTHOR	XEROX		

020 851616-11A00 DESCRIPTION PRINTED
 030 851616-44A00 * COMPRESSED CARDS
 040 ABSTRACT THIS PROGRAM WILL TEST THE OPERATION OF THE ANALOG/DSC-II SUBSYSTEM WITHIN THE GENERAL DYNAMICS/CONVAIR
 050 AUTOMATIC TEST SET SYSTEM.
 060 COMMENTS HARDWARE CONFIGURATION: 930 COMPUTER WITH DSC-II'S CONNECTED TO THE W AND X CHANNELS OF THE DAC, A 128
 070 CHANNEL MULTIPLEXER AND A 15 BIT ADC THE DSC-II'S ACCESS THE UPPER BK OF THE 16K MEMORY. INTERRUPTS
 080 200, 203 AND 211 (OCTAL) ARE USED BY THE MULTIPLEXER/DSC-II'S.

B3851617 000 AA 930 ANALOG ACCURACY TEST FOR GD/C ATS D VM
 010 AUTHOR XEROX
 020 851617-11A00 DESCRIPTION PRINTED
 030 851617-44A00 * COMPRESSED CARDS
 040 851617-51A00 LISTING PRINTED
 050 ABSTRACT THIS PROGRAM WILL TEST THE ACCURACY OF THE EIGHTDAC CHANNELS AND THE 128 MULTIPLEXER CHANNELS WITHIN THE
 060 GENERAL DYNAMICS/CONVAIR AUTOMATIC TEST SET SYSTEM.
 070 COMMENTS HARDWARE CONFIGURATION: 930 COMPUTER, KEYBOARD/PRINTER ON THE TMCC W CHANNEL, DSC II ON THE DAC X
 080 CHANNEL.

B3851618 000 AA 910 ANALOG TEST FOR G.D./CONVAIR D VM
 010 AUTHOR XEROX
 020 851618-11A00 DESCRIPTION PRINTED
 030 851618-44A00 * COMPRESSED CARDS
 040 851618-84A00 ABSOLUTE BINARY CARDS
 050 ABSTRACT THIS PROGRAM GIVES OPEN END AND CLOSED LOOP TESTS FOR ANALOG TO DIGITAL INPUTS. STATISTICAL TABULATIONS
 060 ARE MADE ON RESULTS OF MASS READINGS.
 070 COMMENTS HARDWARE REQUIREMENTS: XDS 910 COMPUTER CONFIGURATION FOR GENERAL DYNAMICS/CONVAIR. BK OF MEMORY, TTY,
 080 AND ANALOG FRONT END.

B3851619 000 AA 910 SAMPLE AND HOLD TEST FOR G.D./CONVAIR D VM
 010 AUTHOR XEROX
 020 851619-11A00 DESCRIPTION PRINTED
 030 851619-44A00 * COMPRESSED CARDS
 040 851619-84A00 ABSOLUTE BINARY CARDS
 050 ABSTRACT THIS PROGRAM GIVES AN OPEN END TEST FOR SAMPLE AND HOLD ANALOG TO DIGITAL CHANNELS. VOLTAGES ARE INPUT
 060 THROUGH THESE CHANNELS TO XDS 910 COMPUTER. SAMPLE AND HOLD VALUES OF A SINGLE INPUT ARE COMPARED FOR
 070 ACCURACY.
 080 COMMENTS HARDWARE REQUIREMENTS= XDS 910 COMPUTER CONFIGURATION FOR GENERAL DYNAMICS/CONVAIR. 5 CHANNELS OF SAMPLE
 090 AND HOLD ADC'S.

B3851620	000	AA 910	SPECIAL ACCEPTANCE TEST FOR G.D./CONVAIR	D VM
	010	AUTHOR	XEROX	
	020		851620-11A00 DESCRIPTION PRINTED	
	030		851620-44A00 * COMPRESSED CARDS	
	040		851620-84A00 ABSOLUTE BINARY CARDS	
	050	ABSTRACT	THIS PROGRAM GIVES A DEMONSTRATION FOR THE VARIOUS FEATURES OF THE GENERAL DYNAMICS/CONVAIR 910 COMPUTER	
	060		SYSTEM.	
	070	COMMENTS	HARDWARE REQUIREMENTS= XDS 910 COMPUTER CONFIGURATION FOR G.D.	
	080		DEMONSTRATES D/A, A/D, SYSTEM POT/PIN, SYSTEM EOM'S, SYSTEM SKS'S, AND SPECIAL REAL-TIME CLOCK.	
B3851621	000	AA 900-SERIES	SYMBOL (900 MONARCH) PART 3A - S3A	N VM
	010	AUTHOR	XEROX	
	020		851621-35A00 850040-35 SOURCE MAG TAPE, 7 CHANNELS	
	030	ABSTRACT	THIS PART OF THE SYMBOL ASSEMBLER COMPLETES THE LOADING THAT WAS STARTED BY SYMBAR IN (LOT2) MONARCH. IT	
	040		USES GSRCH TO FIND THE MNEMONIC TABLE SPECIFIED IN THE CONTROL MESSAGE. THE TABLE IS THEN LOADED BY	
	050		GSYLDL, OVERLAYING S3A, AND CONTROL IS PASSED TO THE ASSEMBLER. THE PURPOSE OF S3A AND THE RESULTING	
	060		MODIFICATIONS REQUIRED IN SYMBAR IS TO SIMPLIFY THE SUPPORT TASK FOR SYMBOL UNDER MONARCH AND TO	
	070		IMPLIMENT FULL UTILIZATION OF THE UNIT ASSIGNMENT TABLES OF MONARCH, IE, X1 WILL BE THE TAPE (OR DISC)	
	080		ASSIGNED TO X1, NOT ABSOLUTELY #1.	
B3852000	000	AA 9-SERIES	9-SERIES SOFTWARE NOTES COVER	P VM
	010	AUTHOR	XEROX CORPORATION	
	020		852000-11A00 DESCRIPTION PRINTED	
	030	ABSTRACT	THIS CATALOG NUMBER EXISTS FOR THE SOLE PURPOSE OF IMPLEMENTING THE 9-SERIES TECHNICAL NOTE CONCEPT	
	040		WHICH IS DESCRIBED IN THE -11. IT IS EFFECTIVELY A REFERENCE COVER NUMBER FOR ALL 9-SERIES SOFTWARE	
	050		(INCLUDING USER'S GROUP ITEMS) BUT HAS NO ORDERABLE ELEMENTS OTHER THAN THE PROGRAM DESCRIPTION (-11).	
	060	COMMENTS	SUBSCRIPTIONS TO THE TECHNICAL NOTE SYSTEM ARE AVAILABLE BUT MUST BE PROCESSED THROUGH THE USERS' GROUP.	
B3860000	000	AC 9300	TAPE MONITOR SYSTEM (COVER)	P VM
	010	AUTHOR	XEROX	
	020		860000-11B00 DESCRIPTION PRINTED	
	030		860000-45B00 * COMPRESSED MAG TAPE, 7 CHANNELS	
	040		860000-74B00 CONTROL CARD AND TEST DECK	
	050		900513 9300 MONITOR REFERENCE MANUAL	
	060		900884 9300 MONITOR TECHNICAL MANUAL	
	070	ABSTRACT	TO PROVIDE EFFICIENT SYSTEM OPERATIONS WITH MINIMUM OPERATOR INTERVENTION AND AN EASY-TO-USE INPUT/	
	080		OUTPUT FACILITY HAVING MAXIMUM EFFICIENCY WHILE TAKING INTO ACCOUNT THE NEEDS OF THE USER'S PROGRAM (I/O	
	090		OPERATIONS ARE PERFORMED SIMULTANEOUSLY WITH THE USER'S PROGRAM). THE RESIDENT MONITOR REQUIRES 11653	
	100		OCTAL LOCATIONS WITH THE PROCESSORS BEING OVERLAYED ('PING-PONGED') ABOVE THIS LOCATION.	

110	COMMENTS	THIS PROGRAM INCLUDES CATALOG NUMBERS 860001 THRU 860006, 860008 THRU 860031, 861080, AND 861081.		
B3860007	000	AA 9300	7/8 LEVEL READER/PUNCH TEST	D VM
	010	AUTHOR	XEROX	
	020		860007-11A00 DESCRIPTION PRINTED	
	030		860007-44A00 * COMPRESSED CARDS	
	040		860007-51A00 LISTING PRINTED	
	050		860007-84A00 ABSOLUTE BINARY CARDS	
	060	ABSTRACT	VERIFIES THE CAPABILITIES OF THE READER AND PUNCH MECHANISMS AND ELECTRONICS. IT WILL OPERATE BOTH	
	070		READER AND PUNCH AT THEIR MAXIMUM SPEED. INTERLACE IS NOT USED.	
	080	COMMENTS	REQUIRES AN XDS 9300 COMPUTER WITH A MINIMUM OF 2K OF MEMORY, KEYBOARD PRINTER, AND A MODEL 9333 7-OR	
	090		8-LEVEL PAPER TAPE READER OR PUNCH CONNECTED AS UNIT NUMBER 1 OR 2 TO CHANNEL A.	
B3860035	000	AB 9300	FORT IV COMPILER AND LIBRARIES	F VM
	010	AUTHOR	XEROX	
	020		860035-45A00 * COMPRESSED MAG TAPE, 7 CHANNELS	
	030		860035-61A01 UPDATE INSTRUCTIONS PRINTED	
	040		860035-64A01 UPDATE ON CARDS	
	050		900883 XEROX FORTRAN IV TECH MANUAL	
	060	COMMENTS	THIS PROGRAM INCLUDES CATALOG NUMBERS 860036 THRU 860074 AND COVER NUMBERS 860095 AND 860265.	
B3860075	000	AA 9300	META-SYMBOL ASSEMBLER-COVER	P VM
	010	AUTHOR	XEROX	
	020		860075-11A00 DESCRIPTION PRINTED	
	030		860075-45A00 * COMPRESSED MAG TAPE, 7 CHANNELS	
	040		900506 900 SERIES/9300 SYMBOL AND META-SYMBOL REFERENCE MANUAL	
	050		900827 META-SYMBOL TECHNICAL MANUAL	
	060	ABSTRACT	THE PRIMARY PURPOSE OF THE META-SYMBOL ASSEMBLY SYSTEM IS TO PROVIDE USER'S OF XDS COMPUTERS A PROCESSOR	
	070		CAPABLE OF TRANSLATING SYMBOLIC LINES OF CODE (WRITTEN IN AN ADVANCED ASSEMBLY LANGUAGE) TO MACHINE	
	080		LANGUAGE AND TO PROVIDE THE USER A LISTING OF THE MACHINE LANGUAGE GENERATED AS WELL AS A LOADABLE	
	090		PROGRAM TAPE OR DECK.	
	100	COMMENTS	ANY XDS 9300 WITH A MINIMUM OF 8K MEMORY. SEE MANUAL NO. 900827: META-SYMBOL TECHNICAL MANUAL FOR A MORE	
	110		DETAILED DESCRIPTION OF THE COMPUTER REQUIREMENTS	
B3860095	000	AB 9300	FORTAN IV LIBRARY	P VM
	010	AUTHOR	XEROX	
	020		860095-11A00 DESCRIPTION PRINTED	
	050		860095-45A00 860035-45 COMPRESSED MAG TAPE, 7 CHANNELS	
	060		860095-61A01 860035-61 UPDATE INSTRUCTIONS PRINTED	

	070		860095-64A01	860035-64	UPDATE ON CARDS	
	090	COMMENTS	THIS IS A PROGRAM PACKAGE CONTAINING ALL THE FORTRAN IV LIBRARY ROUTINES. ABSOLUTE BINARY CARDS ARE AVAILABLE ON MAG TAPE (860000-85), RELOCATABLE BINARY CARDS AVAILABLE ON MAG TAPE (860000-25).			
	100					
B3860265	000	AB 9300		REAL-TIME FORTRAN IV LIBRARY		P VM
	010	AUTHOR	XEROX			
	020		860265-45A00	860035-45	COMPRESSED MAG TAPE, 7 CHANNELS	
	030		860265-61A01	860035-61	UPDATE INSTRUCTIONS PRINTED	
	040		860265-64A01	860035-64	UPDATE ON CARDS	
	050	COMMENTS	THIS IS THE COVER NUMBER FOR THE REAL TIME FORTRAN IV LIBRARY. ABSOLUTE BINARY CARDS ARE AVAILABLE ON			
	060		860265-85, THE ABSOLUTE BINARY TAPE.			
B3860460	000	AA 9300		MACHINE LANGUAGE LIBRARY (COVER)		P VM
	010	AUTHOR	XEROX			
	020		860460-24A00	860000-25	RELOCATABLE BINARY CARDS	
	030		860460-84A00	860000-85	ABSOLUTE BINARY CARDS	
	040	COMMENTS	THIS COMMON SOFTWARE PACKAGE CONSISTS OF THE FOLLOWING ROUTINES: CARD READ SUBROUTINE-CDR, I/O HANDLER-			
	050		CDRP, FLOATING POINT ARCTANGENT-ATF, FLOATING POINT SINE (COSINE)-SNF (CSF), FLOATING POINT COMPLEX,			
	060		FLOATING POINT COMPLEX EXPONENTIAL, FLOATING POINT COMPLEX LOGARITHM, FLOATING POINT COMPLEX SQUARE ROOT			
	070		-SQFC, FLOATING POINT COMPLEX ARCTANGENT-ATFC, FLOATING COMPLEX SINE AND COSINE-SNFC, FLT.PT. EXTENDED			
	080		PRECISION SQUARE ROOT, FLT.PT. EXTENDED PRECISION NATURAL LOG, FLT. PT. EXTENDED PRECISION ARCTAN-ATFE,			
	090		DECIMAL/BINARY CONVERSION, DECIMAL TO BINARY CONVERSION-DTBFX, PAPER TAPE AND TYPEWRITER SUBROUTINE-			
	100		PTYIO, LINE PRINTER SUBROUTINE (PRINT), FLOATING NEGATE SUBROUTINE-FLN, EXPONENTIAL OF A-EXP, SIN OR COS			
	110		OF A-SIN COS, ARCTAN OF A-ATN, SQUARE ROOT OF A-SQR, SQUARE ROOT FLOATING POINT-SQF, FLOATING POINT LOG-			
	120		ARITHM-LGF, AND FLOATING-HYPERBOLIC SINE AND COSINE-SHF.			
B3860475	000	AA 9300		9300 MANAGE SYSTEM (COVER)		P MM
	010	AUTHOR	XEROX			
	020		860475-11A00	DESCRIPTION PRINTED		
	030		860475-45A00 *	COMPRESSED MAG TAPE, 7 CHANNELS		
	040		901046	900 SERIES/9300 MANAGE REFERENCE MANUAL		
	050	COMMENTS	THIS IS THE COVER NUMBER FOR THE XDS 9300 MANAGE SYSTEM. THIS PROGRAM PACKAGE CONTAINS THE FOLLOWING			
	060		CATALOG NUMBERS: 860476 THRU 860489. PLEASE SEE THE APPROPRIATE PROGRAM FOR THE COMPUTER CONFIGURATION.			
B3860490	000	AA 9300		9300 BUSINESS LANGUAGE LIBRARY-COVER		P MM
	010	AUTHOR	XEROX			
	020		860490-11A00	DESCRIPTION PRINTED		
	030		860490-45A00 *	COMPRESSED MAG TAPE, 7 CHANNELS		
	040		901043	900 SERIES/9300 COMPUTERS BUSINESS LANG		

050	901022	XDS BUSINESS LANGUAGE REFERENCE MANUAL	
060	ABSTRACT	TO PERFORM CHARACTER MANIPULATIONS, WORD MANIPULATIONS, DECIMAL ARITHMETIC, EDITING, AND INTERNAL	
070		SORTING FOR THE BUSINESS APPLICATIONS PROGRAMMER.	
080	COMMENTS	SOURCE LANGUAGE: META-SYMBOL/XDS BUSINESS LANGUAGE SIZE: 1585 WORDS, WITH ALL SUBROUTINES RESIDENT.	
090		COMPUTER CONFIGURATION: ANY XDS 900 SERIES COMPUTER, UNDER MONARCH, OR THE 9300, UNDER MONITOR.	
B3860530	000	AA 9300	MONARCH SYSTEM (COVER) P VM
	010	AUTHOR	XEROX
	020	860530-11A00	DESCRIPTION PRINTED
	030	860530-45A00 *	COMPRESSED MAG TAPE, 7 CHANNELS
	040	860530-85A00	ABSOLUTE BINARY MAG TAPE, 7 CHANNELS
	050	900566	900 SERIES/9300 MONARCH REFERENCE MANUAL
	060	900616	900 SERIES/9300 MONARCH TECHNICAL MANUAL
	070	ABSTRACT	TO PERFORM AUTOMATIC EXECUTION OF A SEQUENCE OF INDEPENDENT OR RELATED PROGRAMS WITHOUT REQUIRING
	080		OPERATOR INTERVENTION.
	090	COMMENTS	COMPUTER CONFIGURATION: ANY XDS 900 SERIES/ 9300 COMPUTER WITH AT LEAST 8K WORDS OF MEMORY, CONSOLE
	100		TYPEWRITER, AND ONE OR MORE MAG TAPES. FOR DETAILS, SEE MONARCH REFERENCE MANUAL. (NO. 900566)
B3860563	000	AB 9300	MEDIA P VM
	010	AUTHOR	XEROX
	020	860563-11R00 850642-11	DESCRIPTION PRINTED
	030	860563-35R00 850095-35	SOURCE MAG TAPE, 7 CHANNELS
	040	860563-84R00	ABSOLUTE BINARY CARDS
	050	ABSTRACT	MEDIA WILL COPY VARIABLE LENGTH RECORDS FROM BCD OR BINARY CARDS, PAPER OR MAG TAPE OR TYPEWRITER TO
	060		CARDS, PAPER TAPE, MAG TAPES, TYPEWRITER AND/OR LINE PRINTER.
	070	COMMENTS	THIS PROGRAM IS INCLUDED ON 860000, 9300 TAPE MONITOR, 860530, 9300 MONARCH. ITS SOURCE IS IDENTICAL
	080		TO THAT FOR 850642. THE ABSOLUTE BINARY (STAND-ALONE) DECK CONTAINS THE REQUIRED I/O ROUTINES.
B3860592	000	AA 9300	PROJECT MANAGEMENT SYSTEM (CPM) COVER P VM
	010	AUTHOR	XEROX
	020	860592-24A00 850161-25	RELOCATABLE BINARY CARDS
	030	900818	XDS PROJECT MANAGEMENT SYSTEM REFERENCE MANUAL
	040	900822	XDS PROJECT MANAGEMENT SYSTEM TECHNICAL MANUAL
	050	901504	XDS EXTENDED PROJECT MANAGEMENT SYSTEMS
	060	ABSTRACT	THIS IS THE COVER NUMBER FOR THE PROJECT MANAGEMENT SYSTEM. WHICH CONSISTS OF THE FOLLOWING PROGRAMS;
	070		CATALOG NO.-860593 860594 860595 860596 860597 860598
	080	COMMENTS	COMPUTER CONFIGURATION: ANY XDS 9300 WITH A MINIMUM OF 8K WORDS OF CORE STORAGE, 2 MAGNETIC TAPES, A TYPE
	090		WRITER, PAPER TAPE OR PUNCHED CARD INPUT, AND AN OFF-LINE OR ON-LINE PRINTER. TWO 2400 FT. TAPES ARE
	100		NEEDED FOR SOURCE MAG TAPE.

B3860605	000	AA 9300	9300 PAPER TAPE BASIC RELOCATABLE LOADER	P VM
	010	AUTHOR	XEROX	
	020		860605-11A00 DESCRIPTION PRINTED	
	030		860605-34A00 * SOURCE CARDS	
	040	ABSTRACT	TO LOAD AN ABSOLUTE OR RELOCATABLE PROGRAM FROM PAPER TAPE WHICH IS REPRESENTED IN THE XDS STANDARD	
	050		BINARY LANGUAGE FORMAT ADDRESS MODIFICATION IS RESTRICTED TO ABSOLUTE OR PROGRAM RELOCATABLE.	
	060	COMMENTS	SIZE: 68 DECIMAL WORDS CONFIGURATION: ANY XDS 9300 COMPUTER WITH PAPER TAPE READER.	
B3860606	000	AA 9300	9300 DEBUG	P VM
	010	AUTHOR	XEROX	
	020		860606-11A00 DESCRIPTION PRINTED	
	030		860606-24A00 RELOCATABLE BINARY CARDS	
	040		860606-34A00 * SOURCE CARDS	
	050	ABSTRACT	THIS IS A RELOCATABLE ROUTINE WHICH WILL AID THE USER IN FUNCTIONS WHICH MAY BE PERFORMED BY THIS	
	060		ROUTINE, IE: 1.MAKE IN-CORE CORRECTIONS OR INSERTIONS. 2.DUMP SELECTED MEMORY AREAS ON THE PRINTER OR	
	070		TYPEWRITER. 3.PERFORM SNAPSHOTS AT SELECTED POINTS. 4.ALLOW THE USER TO SEIZE CONTROL AT SELECTED	
	080		POINTS. 5.PERFORM MASKED MEMORY SEARCHES.	
	090	COMMENTS	SIZE: 498 DECIMAL WORDS,CONFIGURATION: ANY XDS 9300 COMPUTER.	
B3860607	000	AA 9300	BASIC UTILITY PACKAGE 9300	P VM
	010	AUTHOR	XEROX	
	020		860607-11A00 DESCRIPTION PRINTED	
	030		860607-44A00 * COMPRESSED CARDS	
	040	ABSTRACT	860607-84A00 ABSOLUTE BINARY CARDS	
	050		TO PROVIDE A SIMPLE UTILITY SYSTEM FOR USE ON-LINE WITH THE 9300. THE PACKAGE ALLOWS ABSOLUTE OCTAL OR	
	060		DECIMAL ENTRY FROM THE KEYBOARD,PAPER TAPE,OR CARD READER AND WILL PRODUCE MEMORY LISTING ON THE	
	070		TYPEWRITER OR OUTPUT(ABSOLUTE) ON EITHER PAPER TAPE OR CARDS,AND TO READ ABSOLUTE OR RELOCATABLE BINARY	
	080		TAPES OR DECKS.THE PACKAGE CAN BE USED DURING PROGRAM DEBUGGING FOR SETTING INITIAL CONDITIONS IN THE	
	090		REGISTERS FROM ONE OF THE ENTRY MEDIA AND THEN STARTING COMPUTATION FROM A PRESELECTED POINT.THE PACKAGE	
	100		WILL ALSO PRODUCE A SNAPSHOT OF THE REGISTERS DURING A PROGRAM RUN USING INTERRUPT 32.COMPUTATION CAN BE	
	110	COMMENTS	RESUMED WITH THE REGISTERS RESTORED OR ALTERED FROM THE POINT OF INTERRUPTION.	
	120		SOURCE LANGUAGE:META-SYMBOL SIZE: 840 DECIMAL WORDS CONFIGURATION:ANY XDS 9300 COMPUTER	
B3860608	000	AA 9300	BINARY DUMP PAPER TAPE OR CARDS	P VM
	010	AUTHOR	XEROX	
	020		860608-11A00 DESCRIPTION PRINTED	
	030		860608-44A00 * COMPRESSED CARDS	
	040		860608-84A00 ABSOLUTE BINARY CARDS	

050 ABSTRACT TO DUMP MEMORY IN STANDARD BINARY FORMAT ON PAPER TAPE OR CARDS .WHEN DUMPING ONTO PAPER TAPE, THE
060 PROGRAM WILL OPTIONALLY DUMP AN ABSOLUTE BINARY BOOTSTRAP.
070 COMMENTS SOURCE LANGUAGE:SYMBOL SIZE: 251 DECIMAL WORDS CONFIGURATION: ANY XDS COMPUTER WITH PAPER TAPE AND/OR
080 CARD I/O

B3860609 000 AA 9300 UNIVERSAL LOADER P VM

010 AUTHOR XEROX
020 860609-11A00 DESCRIPTION PRINTED
030 860609-44A00 * COMPRESSED CARDS
040 860609-84A00 ABSOLUTE BINARY CARDS
050 ABSTRACT TO LOAD ONE OR MORE PROGRAMS PRODUCED BY SYMBOL OR META-SYMBOL AND PRESENTED TO THE LOADER ON EITHER
060 PUNCHED CARDS OR PAPER TAPE. THIS LOADER HAS ESSENTIALLY THE SAME CAPABILITIES AS THE XDS MONARCH LOADER
070 BUT IT FUNCTIONS INDEPENDENTLY OF MONARCH.
080 COMMENTS SIZE: 546 DECIMAL WORDS CONFIGURATION: ANY XDS 9300 COMPUTER WITH A CARD READER AND/OR PHOTO READER AND
090 A TYPEWRITER. LOADER EXISTS ON CARDS AND PAPER TAPE AND LOADS PROGRAMS WHICH EXIST EITHER ON CARDS OR
100 PAPER TAPE.

B3860610 000 AA 9300 9300 REAL TIME DEBUG P VM

010 AUTHOR XEROX
020 860610-11A00 DESCRIPTION PRINTED
030 860610-84A00 ABSOLUTE BINARY CARDS
040 ABSTRACT THIS IS A RELOCATABLE UTILITY PROGRAM WHICH WILL AID THE USER IN DEBUGGING UNDER AN INTERRUPT
050 ENVIRONMENT. IT IS PARTICULARLY USEFUL FOR LARGE, COMPLEX SYSTEM PROGRAMS, SUCH AS MONITORS AND OTHER
060 REAL-TIME FUNCTIONS. OPERATIONS WHICH MAY BE PERFORMED BY THIS PROGRAM: DUMPS, ALTERATIONS, INSERTIONS,
070 SNAPSHOTS, SELECTIVE TRACING, PROGRAM LOADING AND PUNCHING.
080 COMMENTS COMPUTER CONFIGURATION: ANY XDS 9300 COMPUTER WITH TYPEWRITER (A CHANNEL) AND INTERLACE. BUFFERED
090 PRINTER, CARD READER, CARD PUNCH, PAPER TAPE READER AND PUNCH ARE OPTIONALLY REQUIRED FOR CERTAIN DEBUG
100 FUNCTIONS.

B3860611 000 AA 9300 UTILITY AND DEBUG PACKAGE (AID) P VM

010 AUTHOR XEROX
020 860611-11A00 DESCRIPTION PRINTED
030 860611-44A00 * COMPRESSED CARDS
040 860611-84A00 ABSOLUTE BINARY CARDS
050 ABSTRACT PROVIDE VARIOUS UTILITY ROUTINES AND DEBUGGING AIDS FOR THE PROGRAMMER'S USE DURING ON-LINE PROGRAM
060 CHECKOUT.
070 COMMENTS SOURCE LANGUAGE: META SYMBOL SIZE: 2606 DECIMAL WORDS COMPUTER CONFIGURATION: ANY XDS 9300 COMPUTER
080 WITH A CONSOLE TYPEWRITER.

B3860612 000 AA 9300 RUNGE-KUTTA GILL DIFFERENTIAL EQUATIONS P VM
 010 AUTHOR XEROX
 020 860612-11A00 DESCRIPTION PRINTED
 030 860612-24A00 RELOCATABLE BINARY CARDS
 040 860612-34A00 * SOURCE CARDS
 050 ABSTRACT TO SOLVE A SYSTEM OF N SIMULTANEOUS, FIRST-ORDER ORDINARY DIFFERENTIAL EQUATIONS. THE PROCESS IS
 060 SELF-STARTING AND THE STEP SIZE MAY BE CHANGED AFTER ANY COMPLETE STEP. HOWEVER, THE METHOD REQUIRES FOUR
 070 EVALUATIONS OF THE DERIVATIVES AT EACH STEP.
 080 COMMENTS SIZE: 93 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300 COMPUTER.

B3860613 000 AA 9300 RUNGE-KUTTA GILL DIFF. EQU. FLOAT. POINT P VM
 010 AUTHOR XEROX
 020 860613-11A00 DESCRIPTION PRINTED
 030 860613-22A00 RELOCATABLE BINARY PAPER TAPE, 7 LEVELS
 040 860613-24A00 RELOCATABLE BINARY CARDS
 050 860613-34A00 * SOURCE CARDS
 060 ABSTRACT TO SOLVE A SYSTEM OF N SIMULTANEOUS, FIRST-ORDER ORDINARY DIFFERENTIAL EQUATIONS. THE PROCESS IS
 070 SELF-STARTING AND THE STEP SIZE MAY BE CHANGED AFTER ANY COMPLETE STEP. HOWEVER, THE METHOD REQUIRES FOUR
 080 EVALUATIONS OF THE DERIVATIVES AT EACH STEP.
 090 COMMENTS SIZE: 103 DECIMAL WORDS COMPUTER CONFIGURATION: ANY XDS 9300 WITH FLOATING POINT HARDWARE OR EQUIVALENT
 100 SUBROUTINES.

B3860614 000 AA 9300 POLYNOMIAL EVALUATION (COMPLEX ARGUMENT) P VM
 010 AUTHOR XEROX
 020 860614-11A00 DESCRIPTION PRINTED
 030 860614-24A00 RELOCATABLE BINARY CARDS
 040 860614-34A00 * SOURCE CARDS
 050 ABSTRACT TO EVALUATE AN NTH ORDER POLYNOMIAL WITH REAL COEFFICIENTS FOR A COMPLEX ARGUMENT, $A+BI$.
 060 COMMENTS SIZE: 61 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300 WITH FLOATING POINT HARDWARE OR EQUIVALENT
 070 SUBROUTINES.

B3860615 000 AA 9300 ADAMS-MOULTON DIFFERENTIAL EQUATIONS P VM
 010 AUTHOR XEROX
 020 860615-11A00 DESCRIPTION PRINTED
 030 860615-24A00 RELOCATABLE BINARY CARDS
 040 ABSTRACT TO SOLVE A SYSTEM OF N SIMULTANEOUS, FIRST ORDER ORDINARY DIFFERENTIAL EQUATIONS. THE PROCESS IS STARTED
 050 BY THE RUNGE-KUTTA GILL METHOD; THE STEP SIZE MAY BE CHANGED AFTER ANY STOP.
 060 COMMENTS SIZE: 208 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300 COMPUTER

B3860616	000	AA 9300	FLOATING NEGATE SUBROUTINE - FLN	P MM
	010	AUTHOR	XEROX	
	020		860616-11A00 DESCRIPTION PRINTED	
	030		860616-24A00 RELOCATABLE BINARY CARDS	
	040		860616-34A00 * SOURCE CARDS	
	050	ABSTRACT	TO NEGATE THE FLOATING POINT CONTENTS OF (A,B).	
	060	COMMENTS	SIZE: 26 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300.	
B3860617	000	AA 9300	PROGRAMMED FLOATING POINT PACKAGE-FLPT	P VM
	010	AUTHOR	XEROX	
	020		860617-11A00 DESCRIPTION PRINTED	
	030		860617-34A00 * SOURCE CARDS	
	040		860617-51A00 LISTING PRINTED	
	050		860617-24A00 RELOCATABLE BINARY CARDS	
	060	ABSTRACT	TO SIMULATE THE FLOATING-POINT HARDWARE ON AN XDS 9300 WHICH DOES NOT HAVE HARDWARE FLOATING-POINT OR ON	
	070		WHICH THE HARDWARE FLOATING POINT HAS BEEN DISABLED.	
	080	COMMENTS	SIZE: 150 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300.	
B3860618	000	AA 9300	EXPONENTIAL OF A - EXP	P MM
	010	AUTHOR	XEROX	
	020		860618-11A00 DESCRIPTION PRINTED	
	030		860618-24A00 RELOCATABLE BINARY CARDS	
	040		860618-34A00 * SOURCE CARDS	
	050	ABSTRACT	TO COMPUTE THE EXPONENTIAL (BASE E) OF A SPECIFIED ARGUMENT.	
	060	COMMENTS	SIZE: 63 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300.	
B3860619	000	AA 9300	SIN OR COS OF A - SIN COS	P MM
	010	AUTHOR	XEROX	
	020		860619-11A00 DESCRIPTION PRINTED	
	030		860619-24A00 RELOCATABLE BINARY CARDS	
	040	ABSTRACT	TO COMPUTE THE SINE OR COSINE OF AN ARGUMENT SPECIFIED IN RADIANS.	
	050	COMMENTS	SIZE: 59 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300.	
B3860620	000	AA 9300	ARCTAN OF A - ATN	P MM
	010	AUTHOR	XEROX	
	020		860620-11A00 DESCRIPTION PRINTED	
	040		860620-24A00 RELOCATABLE BINARY CARDS	
	050		860620-34A00 * SOURCE CARDS	
	060	ABSTRACT	TO COMPUTE ARCTAN Y/X IN RADIANS AND QUADRANTAL-LOCATE THE RESULTS.	

070 COMMENTS SIZE: 87 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300.

B3860621 000 AA 9300 DOUBLE PRECISION MULTIPLY SUBROUTINE-DPM P VM

010 AUTHOR XEROX

020 860621-11A00 DESCRIPTION PRINTED

030 860621-22A00 RELOCATABLE BINARY PAPER TAPE, 7 LEVELS

040 860621-24A00 RELOCATABLE BINARY CARDS

050 860621-34A00 * SOURCE CARDS

060 ABSTRACT TO PROVIDE THE DOUBLE PRECISION PRODUCT OF TWO DOUBLE PRECISION FIXED POINT NUMBERS.

070 COMMENTS SIZE: 29 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300.

B3860622 000 AA 9300 SQUARE ROOT OF A - SQR P VM

010 AUTHOR XEROX

020 860622-11A00 DESCRIPTION PRINTED

030 860622-24A00 RELOCATABLE BINARY CARDS

040 860622-34A00 * SOURCE CARDS

050 ABSTRACT TO COMPUTE THE SQUARE ROOT OF A SPECIFIED ARGUMENT.

060 COMMENTS SIZE: 54 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300.

B3860623 000 AA 9300 SQUARE ROOT FLOATING POINT - SQR P VM

010 AUTHOR XEROX

020 860623-11A00 DESCRIPTION PRINTED

030 860623-24A00 RELOCATABLE BINARY CARDS

040 860623-34A00 * SOURCE CARDS

050 ABSTRACT TO EXTRACT THE SQUARE ROOT OF A SPECIFIED FLOATING POINT ARGUMENT.

060 COMMENTS SIZE: 83 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300.

B3860624 000 AA 9300 DOUBLE PRECISION DIVIDE SUBROUTINE-DDD P VM

010 AUTHOR XEROX

020 860624-11A00 DESCRIPTION PRINTED

030 860624-24A00 RELOCATABLE BINARY CARDS

040 860624-34A00 * SOURCE CARDS

050 ABSTRACT TO PROVIDE THE DOUBLE PRECISION QUOTIENT OF TWO DOUBLE PRECISION FIXED POINT NUMBERS.

060 COMMENTS SIZE: 30 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300.

B3860625 000 AA 9300 FLOATING POINT LOGARITHM - LGF P VM

010 AUTHOR XEROX

020 860625-11A00 DESCRIPTION PRINTED

030 860625-24A00 RELOCATABLE BINARY CARDS

040 860625-34A00 * SOURCE CARDS
050 ABSTRACT TO COMPUTE THE FLOATING POINT NATURAL LOGARITHM OF A SPECIFIED FLOATING POINT ARGUMENT.
060 COMMENTS SIZE: 60 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300.

B3860626 000 AA 9300 FLOATING-HYPERBOLIC SINE AND COSINE-SHF P MM
010 AUTHOR XEROX
020 860626-11A00 DESCRIPTION PRINTED
030 860626-24A00 RELOCATABLE BINARY CARDS
040 860626-34A00 * SOURCE CARDS
050 ABSTRACT TO COMPUTE THE FLOATING-POINT HYPERBOLIC SINE AND COSINE OF A SPECIFIED FLOATING POINT ARGUMENT.
060 COMMENTS SIZE: 80 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300.

B3860627 000 AA 9300 FLOATING POINT EXPONENTIAL - EXP P MM
010 AUTHOR XEROX
020 860627-11A00 DESCRIPTION PRINTED
030 860627-24A00 RELOCATABLE BINARY CARDS
040 860627-34A00 * SOURCE CARDS
050 ABSTRACT TO COMPUTE THE FLOATING POINT EXPONENTIAL (BASE E) OF A SPECIFIED FLOATING POINT ARGUMENT.
060 COMMENTS SIZE: 69 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300.

B3860628 000 AA 9300 FLOATING POINT SINE (COSINE)-SHF (CSHF) P MM
010 AUTHOR XEROX
020 860628-11A00 DESCRIPTION PRINTED
030 860628-24A00 RELOCATABLE BINARY CARDS
040 860628-34A00 * SOURCE CARDS
050 ABSTRACT TO COMPUTE THE FLOATING POINT SINE (COSINE) OF A SPECIFIED FLOATING POINT ARGUMENT IN RADIANS.
060 COMMENTS SIZE: 74 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300.

B3860629 000 AA 9300 FLOATING POINT ARCTANGENT - ATF P MM
010 AUTHOR XEROX
020 860629-11A00 DESCRIPTION PRINTED
030 860629-24A00 RELOCATABLE BINARY CARDS
040 860629-34A00 * SOURCE CARDS
050 ABSTRACT TO COMPUTE THE FLOATING POINT ARCTANGENT OF THE RATIO OF TWO SPECIFIED ARGUMENTS.
060 COMMENTS SIZE: 105 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300.

B3860630 000 AA 9300 FLOATING POINT, COMPLEX ARITH. PACKAGE P MM
010 AUTHOR XEROX
020 860630-11A00 DESCRIPTION PRINTED

	030		860630-24A00	RELOCATABLE BINARY CARDS	
	040		860630-34A00 *	SOURCE CARDS	
	050	ABSTRACT	TO PROVIDE THE FOLLOWING FLOATING POINT, COMPLEX ARITHMETIC OPERATIONS: LDFC: (CM) REPLACES (CA) STFC:		
	060		(CA) REPLACES (CM) FLAC: (CA)+(CM) REPLACES (CA) FLSC: (CA)+(CM) REPLACES (CA) FLMC: (CA)+(CM) REPLACES		
	070		(CA) FLDC: (CA)/(CM) REPLACES (CA) FLNC: (CA) REPLACES (CA) (CA DENOTES THE PSEUDO COMPLEX ACCUMULATOR		
	080		WITH REAL PART IN CA, CA+1, IMAGINARY PART IN CA+2, CA+3, CM DENOTES COMPLEX OPERAND WITH REAL PART IN M,		
	090		M+1 IMAGINARY PART IN M+2, M+3).		
	100	COMMENTS	SIZE:129 DECIMAL WORDS. COMPUTER CONFIGURATION:ANY XDS 9300.		
B3860631	000	AA	9300	FLOATING POINT COMPLEX EXPONENTIAL-EXFC	P MM
	010	AUTHOR	XEROX		
	020		860631-11A00	DESCRIPTION PRINTED	
	030		860631-24A00	RELOCATABLE BINARY CARDS	
	040		860631-34A00 *	SOURCE CARDS	
	050	ABSTRACT	TO COMPUTE THE FLOATING POINT COMPLEX EXPONENTIAL (BASE E) OF A SPECIFIED FLOATING COMPLEX ARGUMENT.		
	060	COMMENTS	SIZE:15 DECIMAL WORDS. COMPUTER CONFIGURATION:ANY XDS 9300.		
B3860632	000	AA	9300	FLOATING POINT COMPLEX LOGARITHM - LNFC	P MM
	010	AUTHOR	XEROX		
	020		860632-11A00	DESCRIPTION PRINTED	
	030		860632-34A00 *	SOURCE CARDS	
	040	ABSTRACT	TO COMPUTE THE FLOATING POINT COMPLEX, NATURAL LOGARITHM OF A SPECIFIED FLOATING POINT COMPLEX ARGUMENT.		
	050	COMMENTS	SIZE:21 DECIMAL WORDS. COMPUTER CONFIGURATION:ANY XDS 9300.		
B3860633	000	AA	9300	FLOATING POINT COMPLEX SQUARE ROOT-SGFC	P MM
	010	AUTHOR	XEROX		
	020		860633-11A00	DESCRIPTION PRINTED	
	030		860633-24A00	RELOCATABLE BINARY CARDS	
	040		860633-34A00 *	SOURCE CARDS	
	050	ABSTRACT	TO COMPUTE THE FLOATING POINT COMPLEX SQUARE ROOT OF A SPECIFIED FLOATING POINT COMPLEX ARGUMENT.		
	060	COMMENTS	SIZE:29 DECIMAL WORDS. COMPUTER CONFIGURATION:ANY XDS 9300.		
B3860634	000	AA	9300	FLOATING POINT COMPLEX ARCTANGENT - ATFC	P MM
	010	AUTHOR	XEROX		
	020		860634-11A00	DESCRIPTION PRINTED	
	030		860634-24A00	RELOCATABLE BINARY CARDS	
	040		860634-34A00 *	SOURCE CARDS	
	050	ABSTRACT	TO COMPUTE THE FLOATING POINT COMPLEX ARCTANGENT OF A SPECIFIED FLOATING POINT COMPLEX ARGUMENT.		
	060	COMMENTS	SIZE:46 DECIMAL WORDS. COMPUTER CONFIGURATION:ANY XDS 9300.		

B3860635	000	AA 9300	FLOATING COMPLEX SINE AND COSINE - SNFC	P MM
	010	AUTHOR	XEROX	
	020		860635-11A00 DESCRIPTION PRINTED	
	030		860635-24A00 RELOCATABLE BINARY CARDS	
	040		860635-34A00 * SOURCE CARDS	
	050	ABSTRACT	TO COMPUTE THE FLOATING POINT COMPLEX SINE AND COSINE OF A SPECIFIED FLOATING POINT COMPLEX ARGUMENT.	
	060	COMMENTS	SIZE:30 DECIMAL WORDS. COMPUTER CONFIGURATION:ANY XDS 9300.	
B3860636	000	AA 9300	LOGARITHM SUBROUTINE TO BASE E OR 10	P VM
	010	AUTHOR	XEROX	
	020		860636-11A00 DESCRIPTION PRINTED	
	030		860636-24A00 RELOCATABLE BINARY CARDS	
	040		860636-34A00 * SOURCE CARDS	
	050	ABSTRACT	TO COMPUTE THE LOGARITHM, TO BASE E OR 10, OF AN ARGUMENT IN THE A REGISTER.	
	060	COMMENTS	SIZE: 64 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300	
B3860637	000	AA 9300	FL. PT. EXTENDED PRECISION SQUARE ROOT	P MM
	010	AUTHOR	XEROX	
	020		860637-11A00 DESCRIPTION PRINTED	
	030		860637-24A00 RELOCATABLE BINARY CARDS	
	040		860637-34A00 * SOURCE CARDS	
	050	ABSTRACT	TO COMPUTE THE FLOATING POINT EXTENDED PRECISION SQUARE ROOT OF A SPECIFIED FLOATING POINT EXTENDED	
	060		PRECISION ARGUMENT.	
	070	COMMENTS	SIZE:23 DECIMAL WORDS. COMPUTER CONFIGURATION:ANY XDS 9300.	
B3860638	000	AA 9300	EXTENDED PRECISION ARITHMETIC PACKAGE	P VM
	010	AUTHOR	XEROX	
	020		860638-11A00 DESCRIPTION PRINTED	
	030		860638-24A00 RELOCATABLE BINARY CARDS	
	040		860638-34A00 * SOURCE CARDS	
	050	ABSTRACT	TO PROVIDE THE FOLLOWING FLOATING POINT AND FIXED POINT EXTENDED PRECISION ARITHMETIC OPERATIONS.	
	060		FLOATING POINT LDFE: (EM) REPLACES (EA) STFE: (EA) REPLACES (EM) FLAE: (EA)+(EM) REPLACES (EA) FLSE:	
	070		(EA)-(EM) REPLACES (EA) FLME: (EA)*(EM) REPLACES (EA) FLDE: (EA)>(EM) REPLACES (EA) FLNF: -(EA) REPLACES	
	080		(EA) FIXED POINT TPM: (EA)*(EM) REPLACES (EA) TPA: (EA)+(EM) REPLACES (EA) (EA DENOTES THE PSEUDO	
	090		EXTENDED ACCUMULATOR AND EM DENOTES THE EXTENDED OPERAND IN MEMORY).	
	100	COMMENTS	SIZE: 481 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300	
B3860639	000	AA 9300	BINARY TO DECIMAL CONVERSION-BIDFL1	P VM

	010	AUTHOR	XEROX		
	020		860639-11A00	DESCRIPTION PRINTED	
	030		860639-24A00	RELOCATABLE BINARY CARDS	
	040		860639-34A00 *	SOURCE CARDS	
	050	ABSTRACT	TO CONVERT A FLOATING POINT BINARY NUMBER TO ITS 11-DIGIT BCD EQUIVALENT IN SCIENTIFIC NOTATION, AND		
	060		STORE IT IN 4 CONSECUTIVE LOCATIONS.		
	070	COMMENTS	SOURCE LANGUAGE: META-SYMBOL. SIZE: 197 DECIMAL WORDS COMPUTER CONFIGURATION: XDS 9300 WITH FLOATING		
	080		POINT HARDWARE OR EQUIVALENT SUBROUTINES.		
B3860640	000	AA	9300	BINARY TO BCD CONVERTED BTDFX2, BTDFL2	P VM
	010	AUTHOR	XEROX		
	020		860640-11A00	DESCRIPTION PRINTED	
	030		860640-24A00	RELOCATABLE BINARY CARDS	
	040		860640-34A00 *	SOURCE CARDS	
	050	ABSTRACT	TO CONVERT A FLOATING POINT BINARY NUMBER TO ITS 11-DIGIT BCD EQUIVALENT IN SCIENTIFIC NOTATION, AND		
	060		STORE IT IN 4 CONSECUTIVE LOCATIONS, OR A FIXED POINT BINARY NUMBER TO ITS 7 DIGIT EQUIVALENT STORED IN		
	070		3 CONSECUTIVE LOCATIONS		
	080	COMMENTS	SOURCE LANGUAGE: META-SYMBOL. SIZE 222 DECIMAL WORDS. COMPUTER CONFIGURATION: XDS 9300 WITH FLOATING		
	090		POINT HARDWARE OR EQUIVALENT SUBROUTINES.		
B3860641	000	AA	9300	ONE CARD OCTAL MEMORY DUMP (PRINTER)	P VM
	010	AUTHOR	XEROX		
	020		860641-11A00	DESCRIPTION PRINTED	
	030		860641-34A00 *	SOURCE CARDS	
	040		860641-84A00	ABSOLUTE BINARY CARDS	
	050	ABSTRACT	TO DISPLAY THE CONTENTS OF A SELECTED PORTION OF MEMORY		
	060	COMMENTS	COMPUTER CONFIGURATION: ANY XDS 9300 WITH LINE PRINTER.		
B3860642	000	AA	9300	FL. PT. EXTENDED PRECISION EXPONENTIAL	P VM
	010	AUTHOR	XEROX		
	020		860642-11A00	DESCRIPTION PRINTED	
	030		860642-24A00	RELOCATABLE BINARY CARDS	
	040		860642-34A00 *	SOURCE CARDS	
	050	ABSTRACT	TO COMPUTE THE FLOATING POINT EXTENDED PRECISION EXPONENTIAL (BASE E) OF A SPECIFIED FLOATING POINT		
	060		EXTENDED PRECISION ARGUMENT.		
	070	COMMENTS	SIZE: 121 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300.		
B3860643	000	AA	9300	DECIMAL/BINARY CONVERSION ROUTINES	P VM
	010	AUTHOR	XEROX		

020	860643-11A00	DESCRIPTION PRINTED
030	860643-24A00	RELOCATABLE BINARY CARDS
040	860643-34A00 *	SOURCE CARDS
050	ABSTRACT	TO CONVERT A FLOATING POINT BINARY NUMBER TO ITS 11-DIGIT BCD EQUIVALENT IN SCIENTIFIC NOTATION, AND
060		STORE IT IN 4 CONSECUTIVE LOCATIONS, OR A FIXED POINT BINARY NUMBER TO ITS 7-DIGIT EQUIVALENT STORED IN
070		3 CONSECUTIVE LOCATIONS; TO CONVERT AN 11-DIGIT NUMBER IN SCIENTIFIC NOTATION TO ITS FLOATING BINARY
080		EQUIVALENT.
090	COMMENTS	SIZE:318 DECIMAL WORDS. COMPUTER CONFIGURATION:XDS 9300 WITH FLOATING POINT HARDWARE OR EQUIVALENT
100		SUBROUTINES.

B3860644 000 AA 9300 DECIMAL TO BINARY CONVERSION - DTBFX P MM

010	AUTHOR	XEROX
020	860644-11A00	DESCRIPTION PRINTED
030	860644-24A00	RELOCATABLE BINARY CARDS
040	860644-34A00 *	SOURCE CARDS
050	ABSTRACT	TO CONVERT A SIGNED BCD NUMBER TO ITS FIXED POINT BINARY EQUIVALENT AT A GIVEN SCALING.
060	COMMENTS	SIZE:80 DECIMAL WORDS. COMPUTER CONFIGURATION:ANY XDS 9300.

B3860645 000 AA 9300 9300 DISPLAY CONVERSION (DISCV)-S SEE P VM

010	AUTHOR	XEROX
020	860645-11A00	DESCRIPTION PRINTED
030	860645-24A00	RELOCATABLE BINARY CARDS
040	860645-34A00 *	SOURCE CARDS
050	ABSTRACT	TO CONVERT A FLOATING POINT BINARY NUMBER INTO THE FOLLOWING ONE-WORD FORMAT, WITH SPEED OF CONVERSION
060		THE PRIMARY CONSIDERATION:+OR-XXXXOR-EE
070	COMMENTS	SIZE:323 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300.

B3860646 000 AA 9300 FL. PT. EXTENDED PRECISION NATURAL LOG P MM

010	AUTHOR	XEROX
020	860646-11A00	DESCRIPTION PRINTED
030	860646-24A00	RELOCATABLE BINARY CARDS
040	860646-34A00 *	SOURCE CARDS
050	ABSTRACT	TO COMPUTE THE FLOATING POINT EXTENDED PRECISION NATURAL LOGARITHM OF A SPECIFIED FLOATING POINT
060		EXTENDED PRECISION ARGUMENT.
070	COMMENTS	SIZE:147 DECIMAL WORDS. COMPUTER CONFIGURATION:ANY XDS 9300.

B3860647 000 AA 9300 F. P. EXTENDED PRECISION SIN (COS)-SNFE P VM

010	AUTHOR	XEROX
020	860647-11A00	DESCRIPTION PRINTED

	030		860647-24A00	RELOCATABLE BINARY CARDS	
	040		860647-34A00 *	SOURCE CARDS	
	050	ABSTRACT	TO COMPUTE THE FLOATING POINT EXTENDED PRECISION SINE (COSINE) OF A SPECIFIED FLOATING POINT EXTENDED		
	060		PRECISION ARGUMENT IN RADIANS.		
	070	COMMENTS	SIZE: 163 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300.		
B3860648	000	AA 9300	PAPER TAPE AND TYPEWRITER SUBROUTINE		P MM
	010	AUTHOR	XEROX		
	020		860648-11A00	DESCRIPTION PRINTED	
	030		860648-24A00	RELOCATABLE BINARY CARDS	
	040		860648-44A00 *	COMPRESSED CARDS	
	050	ABSTRACT	TO PROVIDE A CLOSED SUBROUTINE TO PERFORM I/O FUNCTIONS ON PAPER TAPE AND TYPEWRITER. BOTH INTERLACE		
	060		AND INTERRUPTS ARE USED.		
	070	COMMENTS	SOURCE LANGUAGE: META-SYMBOL. SIZE: 345 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300 WITH A		
	080		TYPEWRITER AND/OR PAPER TAPE UNIT ATTACHED TO AN INTERLACED CHANNEL.		
B3860650	000	AA 9300	FL. PT. EXTENDED PRECISION ARCTAN - ATFE		P MM
	010	AUTHOR	XEROX		
	020		860650-11A00	DESCRIPTION PRINTED	
	030		860650-24A00	RELOCATABLE BINARY CARDS	
	040		860650-44A00 *	COMPRESSED CARDS	
	050	ABSTRACT	TO COMPUTE THE FLOATING POINT EXTENDED PRECISION ARCTANGENT OF THE RATIO OF TWO SPECIFIED FLOATING POINT		
	060		EXTENDED PRECISION ARGUMENTS.		
	070	COMMENTS	SIZE: 222 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300.		
B3860651	000	AA 9300	REAL MATRIX ADDITION-RMADD		P VM
	010	AUTHOR	XEROX		
	020		860651-11A00	DESCRIPTION PRINTED	
	030		860651-24A00	RELOCATABLE BINARY CARDS	
	040		860651-34A00 *	SOURCE CARDS	
	050	ABSTRACT	TO COMPUTE AND STORE THE SUM OF TWO RECTANGULAR MATRICES.		
	060	COMMENTS	SOURCE LANGUAGE: FORTRAN IV. SIZE: 82 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300.		
B3860652	000	AA 9300	REAL MATRIX SUBTRACTION - RMSUB		P MM
	010	AUTHOR	XEROX		
	020		860652-11A00	DESCRIPTION PRINTED	
	030		860652-24A00	RELOCATABLE BINARY CARDS	
	040	ABSTRACT	TO COMPUTE AND STORE THE DIFFERENCE OF TWO RECTANGULAR MATRICES.		
	050	COMMENTS	SOURCE LANGUAGE: FORTRAN IV. SIZE: 82 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300.		

B3860653 000 AA 9300 REAL MATRIX TRANSPOSE-RMTRA P VM
 010 AUTHOR XEROX
 020 860653-11A00 DESCRIPTION PRINTED
 030 860653-24A00 RELOCATABLE BINARY CARDS
 040 860653-34A00 * SOURCE CARDS
 050 ABSTRACT TO COPY A RECTANGULAR MATRIX OF REAL ELEMENTS, IN TRANSPOSED FROM, INTO ANOTHER REGION OF MEMORY. THE
 060 TRANSPOSED MATRIX MAY NOT OVERLAY THE ORIGINAL MATRIX.
 070 COMMENTS SOURCE LANGUAGE: FORTRAN IV. SIZE: 69 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300.

B3860654 000 AA 9300 REAL MATRIX MULTIPLY-RMMUL P VM
 010 AUTHOR XEROX
 020 860654-11A00 DESCRIPTION PRINTED
 030 860654-24A00 RELOCATABLE BINARY CARDS
 040 860654-34A00 * SOURCE CARDS
 050 ABSTRACT TO COMPUTE AND STORE THE PRODUCT OF TWO MATRICES OF REAL ELEMENTS.
 060 COMMENTS SOURCE LANGUAGE: FORTRAN IV. SIZE: 108 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300.

B3860655 000 AA 9300 REAL MATRIX INVERSION-RMINV P VM
 010 AUTHOR XEROX
 020 860655-11A00 DESCRIPTION PRINTED
 030 860655-24A00 RELOCATABLE BINARY CARDS
 040 860655-34A00 * SOURCE CARDS
 050 ABSTRACT TO COMPUTE THE INVERSE AND DETERMINANT OF ANY SQUARE MATRIX OF REAL ELEMENTS. IF THE MATRIX IS SINGULAR,
 060 OR IF IT IS SUFFICIENTLY ILL-CONDITIONED SO AS TO MAKE FURTHER COMPUTATION OF NO VALUE, THE SUBPROGRAM
 070 RETURNS WITH A DETERMINANT OF ZERO AND INDICATES THE RANK OF THE MATRIX.
 080 COMMENTS SOURCE LANGUAGE: FORTRAN IV. SIZE: 673 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300.

B3860656 000 AA 9300 COMPLEX MATRIX ADDITION-CMADD P VM
 010 AUTHOR XEROX
 020 860656-11A00 DESCRIPTION PRINTED
 030 860656-24A00 RELOCATABLE BINARY CARDS
 040 860656-34A00 * SOURCE CARDS
 050 ABSTRACT TO COMPUTE AND STORE THE SUM OF TWO RECTANGULAR MATRICES.
 060 COMMENTS SOURCE LANGUAGE: FORTRAN IV. SIZE: 85 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300.

B3860657 000 AA 9300 COMPLEX MATRIX INVERSION-CMINV P VM
 010 AUTHOR XEROX
 020 860657-11A00 DESCRIPTION PRINTED

	030		860657-24A00	RELOCATABLE BINARY CARDS	
	040		860657-34A00 *	SOURCE CARDS	
	050	ABSTRACT	TO COMPUTE THE INVERSE AND DETERMINANT OF ANY SQUARE MATRIX OF COMPLEX ELEMENTS. IF THE MATRIX IS		
	060		SINGULAR, OR IF IT IS SUFFICIENTLY ILL-CONDITIONED SO AS TO MAKE FURTHER COMPUTATION OF NO VALUE, THE		
	070		SUBPROGRAM RETURN WITH A DETERMINANT OF COMPLEX ZERO AND INDICATES THE RANK OF THE MATRIX.		
	080	COMMENTS	SOURCE LANGUAGE: FORTRAN IV. SIZE: 794 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300.		
B3860658	000	AA 9300		COMPLEX MATRIX MULTIPLICATION-CMMUL	P VM
	010	AUTHOR	XEROX		
	020		860658-11A00	DESCRIPTION PRINTED	
	030		860658-24A00	RELOCATABLE BINARY CARDS	
	040		860658-34A00 *	SOURCE CARDS	
	050	ABSTRACT	TO COMPUTE AND STORE THE PRODUCT OF TWO MATRICES OF COMPLEX ELEMENTS.		
	060	COMMENTS	SOURCE LANGUAGE: FORTRAN IV. SIZE: 118 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300.		
B3860659	000	AA 9300		COMPLEX MATRIX SUBTRACTION-CMSUB	P VM
	010	AUTHOR	XEROX		
	020		860659-11A00	DESCRIPTION PRINTED	
	030		860659-24A00	RELOCATABLE BINARY CARDS	
	040		860659-34A00 *	SOURCE CARDS	
	050	ABSTRACT	TO COMPUTE AND STORE THE DIFFERENCE BETWEEN TWO RECTANGULAR COMPLEX MATRICES.		
	060	COMMENTS	SOURCE LANGUAGE: FORTRAN IV. SIZE: 85 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300.		
B3860660	000	AA 9300		COMPLEX MATRIX TRANSPOSE-CMTRA	P VM
	010	AUTHOR	XEROX		
	020		860660-11A00	DESCRIPTION PRINTED	
	030		860660-24A00	RELOCATABLE BINARY CARDS	
	040		860660-34A00 *	SOURCE CARDS	
	050	ABSTRACT	TO COPY A RECTANGULAR MATRIX OF COMPLEX ELEMENTS, IN TRANSPOSED FORM, INTO ANOTHER REGION OF MEMORY. THE		
	060		TRANSPOSED MATRIX MAY NOT OVERLAY THE ORIGINAL MATRIX.		
	070	COMMENTS	SOURCE LANGUAGE: FORTRAN IV, SIZE: 71 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300.		
B3860661	000	AA 9300		EXAMINER DIAGNOSTIC (COVER)	D VM
	010	AUTHOR	XEROX		
	020		860661-11A00 900624	DESCRIPTION PRINTED	
	030		860661-24A00	RELOCATABLE BINARY CARDS	
	040		900624	XDS 9300 EXAMINER DIAGNOSTIC SYSTEM TECHNICAL MANUAL	
	050	ABSTRACT	SEE MANUAL NO.900624: 9300 COMPUTER EXAMINER DIAGNOSTIC SYSTEM TECHNICAL MANUAL.		
	060	COMMENTS	SEE MANUAL NO.900624: FOR THE COMPUTER CONFIGURATION.		

B3860662 000 AA 9300 VERIFIER AND SEMI-AUTOMATIC DIAGNOSTIC D MM
 010 AUTHOR XEROX
 020 860662-11A00 900624 DESCRIPTION PRINTED
 030 860662-34A00 * SOURCE CARDS
 040 860662-84A00 ABSOLUTE BINARY CARDS
 050 COMMENTS SEE MANUAL NO. 900624: 9300 COMPUTER EXAMINER DIAGNOSTIC SYSTEM TECHNICAL MANUAL. THIS PROGRAM IS PART
 060 OF CATALOG 860661, SEE THIS CATALOG NUMBER FOR THE COMPUTER CONFIGURATION.

B3860663 000 AA 9300 MEMORY DIAGNOSTIC D MM
 010 AUTHOR XEROX
 020 860663-11A00 900624 DESCRIPTION PRINTED
 030 860663-34A00 * SOURCE CARDS
 040 860663-84A00 ABSOLUTE BINARY CARDS
 050 ABSTRACT SEE MANUAL NO. 900624: 9300 COMPUTER EXAMINER DIAGNOSTIC SYSTEM TECHNICAL MANUAL.
 060 COMMENTS THIS PROGRAM IS PART OF CATALOG 860661, SEE THIS CATALOG NUMBER FOR COMPUTER CONFIGURATION.

B3860664 000 AA 9300 AUTOMATIC INSTRUCTION DIAGNOSTIC D MM
 010 AUTHOR XEROX
 020 860664-11A00 900624 DESCRIPTION PRINTED
 030 860664-44A00 * COMPRESSED CARDS
 040 860664-84A00 ABSOLUTE BINARY CARDS
 050 ABSTRACT SEE MANUAL NO. 900624: 9300 COMPUTER EXAMINER DIAGNOSTIC SYSTEM TECHNICAL MANUAL.
 060 COMMENTS THIS PROGRAM IS PART OF CATALOG 860661, SEE THIS CATALOG NUMBER FOR THE COMPUTER CONFIGURATION.

B3860665 000 AA 9300 P AND S REGISTER TESTER D MM
 010 AUTHOR XEROX
 020 860665-11A00 900624 DESCRIPTION PRINTED
 030 860665-34A00 * SOURCE CARDS
 040 860665-84A00 ABSOLUTE BINARY CARDS
 050 ABSTRACT SEE MANUAL NO. 900624: 9300 COMPUTER EXAMINER DIAGNOSTIC SYSTEM TECHNICAL MANUAL.
 060 COMMENTS THIS PROGRAM IS PART OF CATALOG NUMBER 860661, SEE THIS CATALOG NO. FOR THE COMPUTER CONFIGURATION.

B3860666 000 AA 9300 SEMI-AUTOMATIC TYPEWRITER TEST (SATT) D MM
 010 AUTHOR XEROX
 020 860666-11A00 DESCRIPTION PRINTED
 030 860666-44A00 * COMPRESSED CARDS
 040 860666-84A00 ABSOLUTE BINARY CARDS
 050 ABSTRACT TO PROVIDE A MEANS OF EXERCISING AND CHECKING KEYBOARD INPUT AND PRINTER OUTPUT CAPABILITIES OF THE

060 TYPEWRITER WHEN USED IN THE ON-LINE MODE.
070 COMMENTS SOURCE LANGUAGE: META-SYMBOL. SIZE: 267 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300 WITH A
080 TYPEWRITER.

B3860667 000 AA 9300 INTERRUPT EXERCISER P VM

010 AUTHOR XEROX

020 860667-11A00 DESCRIPTION PRINTED

030 860667-24A00 RELOCATABLE BINARY CARDS

040 860667-34A00 * SOURCE CARDS

050 ABSTRACT THIS EXERCISER WILL EXECUTE THE 9300 AUTOMATIC INSTRUCTION DIAGNOSTIC (DUC), CATALOG NO. 860664, IN AN
060 INTERRUPT ENVIRONMENT. A SPECIAL PURPOSE DIAGNOSTIC MAY BE SUBSTITUTED FOR DUC.

070 COMMENTS SOURCE LANGUAGE: SYMBOL. SIZE: 151 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300 WITH INTERLACE,
080 BUFFERED PRINTER 1, CHANNEL A, AND AT LEAST 8K MEMORY.

B3860669 000 AA 9300 SINE/COSINE SINRX, COSRX, SINDX, COSDX P VM

010 AUTHOR XEROX

020 860669-11A00 DESCRIPTION PRINTED

030 860669-24A00 RELOCATABLE BINARY CARDS

040 860669-34A00 * SOURCE CARDS

050 ABSTRACT TO COMPUTE THE SINE OR COSINE OF AN ARGUMENT SPECIFIED IN RADIALS (SINRX, COSRX) OR DEGREES (SINDX, COSDX)

060 COMMENTS SOURCE LANGUAGE: META-SYMBOL. SIZE: 84 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300.

B3860670 000 AA 9300 9300 EXPONENTIAL (E OR 10) EXPNX, EXP1X P VM

010 AUTHOR XEROX

020 860670-11A00 DESCRIPTION PRINTED

030 860670-24A00 RELOCATABLE BINARY CARDS

040 860670-34A00 * SOURCE CARDS

050 ABSTRACT TO COMPUTE THE EXPONENTIAL (BASE E OR 10) OF A SPECIFIED ARGUMENT.

060 COMMENTS SOURCE LANGUAGE: META-SYMBOL. SIZE: 76 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300.

B3860671 000 AA 9300 9300 ARCTANGENT ATNRX, ATNDX P VM

010 AUTHOR XEROX

020 860671-11A00 DESCRIPTION PRINTED

030 860671-24A00 RELOCATABLE BINARY CARDS

040 860671-34A00 * SOURCE CARDS

050 ABSTRACT TO COMPUTE ARCTAN Y/X IN RADIALS OR DEGREES AND QUADRANTALLOCATE THE RESULT.

060 COMMENTS SOURCE LANGUAGE: META-SYMBOL. SIZE: 96 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300.

B3860672 000 AA 9300 FLOATING POINT EXPONENTIAL FXFN, EXFT P VM

010 AUTHOR XEROX
020 860672-11A00 DESCRIPTION PRINTED
030 860672-24A00 RELOCATABLE BINARY CARDS
040 860672-34A00 * SOURCE CARDS
050 ABSTRACT TO COMPUTE THE FLOATING POINT EXPONENTIAL (BASE E OR 10) OF A SPECIFIED FLOATING POINT ARGUMENT.
060 COMMENTS SOURCE LANGUAGE: META-SYMBOL. SIZE: 76 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300.

B3860673 000 AA 9300 F. P. SINE/COSINE-SNFR(CSFR)SNFD(CSFD) P VM

010 AUTHOR XEROX
020 860673-11A00 DESCRIPTION PRINTED
030 860673-24A00 RELOCATABLE BINARY CARDS
040 860673-34A00 * SOURCE CARDS
050 ABSTRACT TO COMPUTE THE FLOATING POINT SINE (COSINE) OF A SPECIFIED FLOATING POINT ARGUMENT IN RADIANS R OR DEGREES D.
060 COMMENTS SOURCE LANGUAGE: META-SYMBOL. SIZE: 88 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300.
070

B3860674 000 AA 9300 LOGARITHM (BASE E OR 10)-LGEN,LGET P VM

010 AUTHOR XEROX
020 860674-11A00 DESCRIPTION PRINTED
030 860674-24A00 RELOCATABLE BINARY CARDS
040 860674-34A00 * SOURCE CARDS
050 ABSTRACT TO COMPUTE THE FLOATING POINT LOGARITHM TO BASE E OR 10 OF A SPECIFIED FLOATING POINT ARGUMENT.
060 COMMENTS SOURCE LANGUAGE: META-SYMBOL. SIZE: 71 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300.

B3860675 000 AA 9300 FL. PT. ARCTANGENT-ATFR,ATFD P VM

010 AUTHOR XEROX
020 860675-11A00 DESCRIPTION PRINTED
030 860675-24A00 RELOCATABLE BINARY CARDS
040 860675-34A00 * SOURCE CARDS
050 ABSTRACT TO COMPUTE THE FLOATING POINT ARCTANGENT (IN DEGREES OR RADIANS) OF THE RATIO OF TWO SPECIFIED ARGUMENTS.
060 COMMENTS SOURCE LANGUAGE: META-SYMBOL. SIZE: 117 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300.

B3860676 000 AA 9300 ARCSINE,ARCCOSINE (DEGREES-RADIANS) P VM

010 AUTHOR XEROX
020 860676-11A00 DESCRIPTION PRINTED
030 860676-24A00 RELOCATABLE BINARY CARDS
040 860676-34A00 * SOURCE CARDS
050 ABSTRACT TO COMPUTE (IN DEGREES (D) OR RADIANS) THE FLOATING POINT SIN-1 AND COS-1 OF A GIVEN ARGUMENT. VALUES WILL BE IN THE FIRST OR FOURTH QUADRANT FOR SIN-1, AND IN THE FIRST OR SECOND QUADRANT FOR COS-1.
060

	070	COMMENTS	SIZE: 126 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300 WITH FLOATING POINT HARDWARE OR EQUIVALENT	
	080		SUBROUTINES.	
B3860677	000	AA 9300	ARCSINE, ARCCOSINE-ASN, ACSX, ASNDC, ACSDX	P VM
	010	AUTHOR	XEROX	
	020		860677-11A00 DESCRIPTION PRINTED	
	030		860677-24A00 RELOCATABLE BINARY CARDS	
	040		860677-34A00 * SOURCE CARDS	
	050	ABSTRACT	TO COMPUTE (IN DEGREES (D) OR RADIANS) THE SIN-1 AND COS-1 OF A GIVEN ARGUMENT IN THE A REGISTER AT A	
	060		BINARY POINT OF 1. VALUES WILL BE IN THE FIRST OR FOURTH QUADRANT FOR SIN-1, AND IN THE FIRST AND SECOND	
	070		QUADRANT FOR COS-1, VALUES IN RADIANS WILL BE AT A BINARY POINT OF 2, VALUES IN DEGREES WILL BE AT A	
	080		BINARY POINT OF 8.	
	090	COMMENTS	SIZE: 101 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300.	
B3860678	000	AA 9300	TANGENT-TAN, TAND	P VM
	010	AUTHOR	XEROX	
	020		860678-11A00 DESCRIPTION PRINTED	
	030		860678-24A00 RELOCATABLE BINARY CARDS	
	040		860678-34A00 * SOURCE CARDS	
	050	ABSTRACT	TO COMPUTE THE TANGENT OF A FLOATING POINT NUMBER EXPRESSED IN DEGREES (TAND) OR RADIANS (TAN).	
	060	COMMENTS	SIZE: 123 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300 WITH FLOATING POINT HARDWARE OR EQUIVALENT	
	070		SUBROUTINES.	
B3860679	000	AA 9300	INTERNAL SORT (SORTAC, SORTDC)	P VM
	010	AUTHOR	XEROX	
	020		860679-11A00 DESCRIPTION PRINTED	
	030		860679-24A00 RELOCATABLE BINARY CARDS	
	040		860679-44A00 * COMPRESSED CARDS	
	050	ABSTRACT	TO SORT AN INTERNAL ARRAY IN EITHER ASCENDING OR DESCENDING ORDER. THE ARRAY MAY BE OF ANY NUMBER OF	
	060		UNIFORMLY LONG ITEMS WHICH MAY BE ONE OR MORE WORDS, BOTH THE KEY BITS AND THEIR ORDER OF PRECEDENCE MAY	
	070		BE SPECIFIED.	
	080	COMMENTS	SOURCE LANGUAGE: META-SYMBOL. SIZE: 485 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300.	
B3860680	000	AA 9300	TANGENT-TANX, TANDX (DEGREES OR RADIANS)	P VM
	010	AUTHOR	XEROX	
	020		860680-11A00 DESCRIPTION PRINTED	
	030		860680-22A00 RELOCATABLE BINARY PAPER TAPE, 7 LEVELS	
	040		860680-24A00 RELOCATABLE BINARY CARDS	
	050		860680-34A00 * SOURCE CARDS	

060 ABSTRACT TO COMPUTE THE TANGENT OF A FIXED POINT NUMBER EXPRESSED IN DEGREES (TANDX) OR RADIANS (TANX).
070 COMMENTS SIZE: 112 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300.

B3860681 000 AA 9300 HYBRID RUNGE-KUTTA GILL INTEGRATION P VM

010 AUTHOR XEROX
020 860681-11A00 DESCRIPTION PRINTED
030 860681-24A00 RELOCATABLE BINARY CARDS
040 860681-34A00 * SOURCE CARDS

050 ABSTRACT TO SOLVE A SYSTEM OF N SIMULTANEOUS, FIRST-ORDER ORDINARY DIFFERENTIAL EQUATIONS. THE PROCESS IS
060 SELF-STARTING AND THE STEP SIZE(S) MAY BE CHANGED AFTER ANY COMPLETE STOP. ONE LEVEL OF RECURSIVENESS IS
070 PROVIDED FOR BY TWO ENTRIES AND DOUBLE TEMPORARY STORAGE.
080 COMMENTS SIZE: 111 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300 WITH FLOATING POINT HARDWARE OR EQUIVALENT
090 SUBROUTINES.

B3860682 000 AA 9300 LINEAR INTERPOLATION (3 ARGUMENTS) P VM

010 AUTHOR XEROX
020 860682-11A00 DESCRIPTION PRINTED
030 860682-24A00 RELOCATABLE BINARY CARDS
040 860682-34A00 * SOURCE CARDS

050 ABSTRACT TO FIND A FUNCTION OF THREE GIVEN ARGUMENTS, X, Y, AND Z, BY SEVEN STRAIGHT-LINE INTERPOLATIONS IN A TABLE
060 OF X, Y, Z, F(X, Y, Z), WHERE SPEED OF EXECUTION IS THE PRIMARY CONSIDERATION.
070 COMMENTS SIZE: 131 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300.

B3860683 000 AA 9300 LINEAR INTERPOLATION (2 ARGUMENTS) P VM

010 AUTHOR XEROX
020 860683-11A00 DESCRIPTION PRINTED
030 860683-24A00 RELOCATABLE BINARY CARDS
040 860683-34A00 * SOURCE CARDS

050 ABSTRACT TO FIND A FUNCTION OF TWO GIVEN ARGUMENTS, X AND Y, BY THREE STRAIGHT-LINE INTERPOLATIONS IN A TABLE OF
060 X, Y, F(X, Y), WHERE SPEED OF EXECUTION IS THE PRIMARY CONSIDERATION.
070 COMMENTS SIZE: 74 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300.

B3860684 000 AA 9300 LINEAR INTERPOLATION (1 ARGUMENT) P VM

010 AUTHOR XEROX
020 860684-11A00 DESCRIPTION PRINTED
030 860684-24A00 RELOCATABLE BINARY CARDS
040 860684-34A00 * SOURCE CARDS

050 ABSTRACT TO FIND A FUNCTION OF A GIVEN ARGUMENT, X, BY STRAIGHT-LINE INTERPOLATION IN A TABLE OF X, F(X) PAIRS,
060 WHERE SPEED OF EXECUTION IS THE PRIMARY CONSIDERATION.

070 COMMENTS SIZE: 30 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300.

B3860685 000 AA 9300 HYBRID ADAMS-MOULTON DIFF. EQUATIONS P VM

010 AUTHOR XEROX

020 860685-11A00 DESCRIPTION PRINTED

030 860685-24A00 RELOCATABLE BINARY CARDS

040 860685-34A00 * SOURCE CARDS

050 ABSTRACT TO SOLVE A SYSTEM OF N SIMULTANEOUS, FIRST-ORDER ORDINARY DIFFERENTIAL EQUATIONS, ONE LEVEL OF RECURSION
060 IS PROVIDED FOR BY TWO ENTRIES AND DOUBLE TEMPORARY STORAGE.

070 COMMENTS SIZE: 154 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300.

B3860686 000 AA 9300 HYBRID RECTANGULAR INTEGRATION P VM

010 AUTHOR XEROX

020 860686-11A00 DESCRIPTION PRINTED

030 860686-24A00 RELOCATABLE BINARY CARDS

040 860686-34A00 * SOURCE CARDS

050 ABSTRACT TO SOLVE A SYSTEM OF N SIMULTANEOUS FIRST-ORDER ORDINARY DIFFERENTIAL EQUATIONS, ONE LEVEL OF RECURSION
060 IS PROVIDED FOR BY TWO ENTRIES AND DOUBLE TEMPORARY STORAGE.

070 COMMENTS SIZE: 32 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300 WITH FLOATING POINT HARDWARE OR EQUIVALENT
080 SUBROUTINES.

B3860687 000 AA 9300 HYBRID 2-POINT PREDICTOR P VM

010 AUTHOR XEROX

020 860687-11A00 DESCRIPTION PRINTED

030 860687-24A00 RELOCATABLE BINARY CARDS

040 860687-34A00 * SOURCE CARDS

050 ABSTRACT TO SOLVE A SYSTEM OF N SIMULTANEOUS FIRST-ORDER ORDINARY DIFFERENTIAL EQUATIONS, ONE LEVEL OF RECURSION
060 IS PROVIDED FOR BY TWO ENTRIES AND DOUBLE TEMPORARY STORAGE.

070 COMMENTS SIZE: 54 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300 WITH FLOATING POINT HARDWARE OR EQUIVALENT
080 SUBROUTINES.

B3860688 000 AA 9300 HYBRID 4-POINT PREDICTOR P VM

010 AUTHOR XEROX

020 860688-11A00 DESCRIPTION PRINTED

030 860688-24A00 RELOCATABLE BINARY CARDS

040 860688-34A00 * SOURCE CARDS

050 ABSTRACT TO SOLVE A SYSTEM OF N SIMULTANEOUS FIRST-ORDER ORDINARY DIFFERENTIAL EQUATIONS, ONE LEVEL OF RECURSION
060 IS PROVIDED FOR BY TWO ENTRIES AND DOUBLE TEMPORARY STORAGE.

070 COMMENTS SIZE: 78 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300 WITH FLOATING POINT HARDWARE OR EQUIVALENT

080	SUBROUTINES.			
B3860689	000	AA 9300	HYBRID 4-POINT CORRECTOR	P VM
	010	AUTHOR	XEROX	
	020		860689-11A00 DESCRIPTION PRINTED	
	030		860689-24A00 RELOCATABLE BINARY CARDS	
	040		860689-34A00 * SOURCE CARDS	
	050	ABSTRACT	TO CALCULATE AN IMPROVED ESTIMATE OF THE SOLUTION OF A SYSTEM OF N SIMULTANEOUS FIRST-ORDER ORDINARY	
	060		DIFFERENTIAL EQUATIONS. ONE LEVEL OF RECURSION IS PROVIDED FOR BY TWO ENTRIES AND DOUBLE TEMPORARY	
	070		STORAGE.	
	080	COMMENTS	SIZE: 78 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300 WITH FLOATING POINT HARDWARE OR EQUIVALENT	
	090		SUBROUTINES.	
B3860690	000	AA 9300	ADAMS-MOULTON SOLN ORDINARY DIFF. EQUATI	P VM
	010	AUTHOR	XEROX	
	020		860690-11A00 DESCRIPTION PRINTED	
	030		860690-34A00 * SOURCE CARDS	
	040	ABSTRACT	TO SOLVE A SYSTEM OF N SIMULTANEOUS FIRST-ORDER ORDINARY DIFFERENTIAL EQUATIONS. THE PROCESS IS STARTED	
	050		BY THE RUNGE-KUTTA GILL METHOD; THE STEP SIZE MAY BE CHANGED AFTER ANY STEP.	
	060	COMMENTS	SIZE: 224 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300 WITH FLOATING POINT HARDWARE OR EQUIVALENT	
	070		SUBROUTINES.	
B3860692	000	AA 9300	9300 STAND-ALONE SYSTEM-MAKE ROUTINE	P VM
	010	AUTHOR	XEROX	
	020		860692-11A00 DESCRIPTION PRINTED	
	030		860692-24A00 RELOCATABLE BINARY CARDS	
	040		900884 9300 MONITOR TECHNICAL MANUAL,	
	050	ABSTRACT	SYSTEM MAKE IS A FREE-STANDING, CONTROL CARD ORIENTED ROUTINE FOR MAKING AND CHANGING 9300 MONITOR	
	060		SYSTEM TAPES.	
	070	COMMENTS	SIZE: 5340 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300 WITH TYPEWRITER, BUFFERED PRINTER, CARD	
	080		READER TWO MAG. TAPES (A CHANNEL), INTERLACE, AND 16K MEMORY.	
	090		READER TWO MAG. TAPES (A CHANNEL), INTERLACE, AND 16K MEMORY.	
B3860694	000	AA 9300	MAG TAPE COPY AND VERIFY PROGRAM	P VM
	010	AUTHOR	XEROX	
	020		860694-11A00 DESCRIPTION PRINTED	
	030		860694-24A00 RELOCATABLE BINARY CARDS	
	040		860694-44A00 * COMPRESSED CARDS	
	050	ABSTRACT	TO COPY AND VERIFY MIXED MODE (BINARY AND BCD) MAG TAPES ON A FILE BASIS, UTILIZING THE 9300 MONITOR I/O	

060 HANDLERS.
070 COMMENTS SOURCE LANGUAGE: META-SYMBOL. SIZE: 764 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300 WITH A
080 TYPEWRITER, CARD READER AND TWO MAG TAPE UNITS.

B3860696 000 AA 9300 BIG MEMORY DIAGNOSTIC P VM

010 AUTHOR XEROX
020 860696-11A00 DESCRIPTION PRINTED
030 860696-34A00 * SOURCE CARDS
040 860696-84A00 ABSOLUTE BINARY CARDS

050 ABSTRACT TO VERIFY SUCCESSFUL OPERATION OF MEMORY, OR TO DETECT AND DIAGNOSE ERRORS PRODUCED BY PROGRAM GENERATED
060 MEMORY PATTERNS.
070 COMMENTS SOURCE LANGUAGE: META-SYMBOL. SIZE: 20000 DECIMAL WORDS. COMPUTER CONFIGURATION: 20K CORE MINIMUM AND
080 PAPER TAPE OR CARD READER.

B3860697 000 AA 9300 POLYNOMIAL TELESCOPE P VM

010 AUTHOR XEROX
020 860697-11A00 DESCRIPTION PRINTED
030 860697-34A00 * SOURCE CARDS
040 860697-84A00 ABSOLUTE BINARY CARDS

050 ABSTRACT TO REDUCE BY STEPS THE DEGREE OF A GIVEN POLYNOMIAL, CALCULATING NEW COEFFICIENTS AT EACH STEP, UNTIL
060 THE ACCUMULATED ERROR GENERATED EXCEEDS A GIVEN LIMIT.
070 COMMENTS SOURCE LANGUAGE: FORTRAN IV. SIZE: 1232 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300.

B3860698 000 AA 9300 KWIC INDEX PROGRAM FOR SIGMA P VM

010 AUTHOR XEROX
020 860698-11A00 DESCRIPTION PRINTED
030 860698-84A00 ABSOLUTE BINARY CARDS

040 ABSTRACT GIVEN A SET OF SIGMA PROGRAM LIBRARY CARDS AS INPUT, TO PRODUCE A KWIC (KEY WORD IN CONTEXT) INDEX,
050 ALPHABETICALLY SORTED, KEYING ON ALL WORDS IN THE TITLE THAT HAVE NOT BEEN SPECIFIED AS ,DULL, WORDS.
060 COMMENTS SOURCE LANGUAGE: FORTRAN IV. SIZE: 25000 DECIMAL WORDS. COMPUTER CONFIGURATION: 32K, 9300 WITH AT LEAST
070 4 MAG TAPES.

B3860700 000 AA 9300 FORTRAN IV ERROR CHECKING DEMO P VM

010 AUTHOR XEROX
020 860700-11A00 DESCRIPTION PRINTED
030 860700-34A00 * SOURCE CARDS

040 ABSTRACT TO ILLUSTRATE COMPILE-TIME ERROR CHECKING CAPABILITY OF 9300 FORTRAN IV.
050 COMMENTS SOURCE LANGUAGE: FORTRAN IV. COMPUTER CONFIGURATION: ANY 9300

B3860716	000	AA 9300	BINARY INPUT--PAPER TAPE LOADER	P VM
	010	AUTHOR	XEROX	
	020	860716-11A00	DESCRIPTION PRINTED	
	030	860716-34A00 *	SOURCE CARDS	
	040	ABSTRACT	TO SIMPLIFY THE LOADING OF OBJECT PROGRAMS WHICH HAVE BEEN OUTPUT FROM AN XDS 9300 ASSEMBLER ONTO BINARY PAPER TAPE.	
	050			
	060	COMMENTS	SIZE: 40 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300 WITH PAPER TAPE READER.	
B3860718	000	AA 9300	EXTENDED MODE I/O TEST PROGRAM	D MM
	010	AUTHOR	XEROX	
	020	860718-11A00	DESCRIPTION PRINTED	
	030	860718-44A00 *	COMPRESSED CARDS	
	040	860718-84A00	ABSOLUTE BINARY CARDS	
	050	ABSTRACT	TO TEST AS MANY OF THE EXTENDED I/O OPERATIONS AS POSSIBLE WITH PAPER TAPE. GIVEN A COMMUNICATION CHANNEL THAT IS KNOWN TO BE GOOD THEN THE PROGRAM SERVES AS A PAPER TAPE TESTER.	
	060			
	070	COMMENTS	SOURCE LANGUAGE: META-SYMBOL. SIZE: 843 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY 9300 WITH A TYPEWRITER ATTACHED TO THE A CHANNEL AND A PAPER TAPE PUNCH AND READER ON ANY INTERLACED COMMUNICATION CHANNEL. THE A CHANNEL NEED NOT BE INTERLACED FOR THE TYPEWRITER.	
	080			
	090			
B3860719	000	AA 9300	PHOTO-READER TEST PROGRAM	D MM
	010	AUTHOR	XEROX	
	020	860719-11A00	DESCRIPTION PRINTED	
	030	860719-44A00 *	COMPRESSED CARDS	
	040	ABSTRACT	TO TEST THE OPERATIONAL CHARACTERISTICS OF A PAPER TAPE PHOTOREADER.	
	050	COMMENTS	SOURCE LANGUAGE: META-SYMBOL. SIZE: 455 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300 WITH PAPER TAPE PHOTOREADER.	
	060			
B3860720	000	AA 9300	BASIC 2 CARD RELOCATABLE LOADER	P VM
	010	AUTHOR	XEROX	
	020	860720-11A00	DESCRIPTION PRINTED	
	030	860720-34A00 *	SOURCE CARDS	
	040	860720-84A00	ABSOLUTE BINARY CARDS	
	050	ABSTRACT	TO LOAD AN ABSOLUTE OR RELOCATABLE PROGRAM FROM CARDS WHICH IS REPRESENTED IN THE XDS STANDARD BINARY LANGUAGE FORMAT. EXTERNAL REFERENCES AND DEFINITIONS ARE NOT ALLOWED AND ADDRESS MODIFICATION IS RESTRICTED TO ABSOLUTE OR PROGRAM RELOCATABLE.	
	060			
	070			
	080	COMMENTS	SIZE: 79 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300 WITH A CARD READER.	
B3860721	000	AA 9300	BINARY INPUT-1 CARD ABS. LOADER	P VM
	010	AUTHOR	XEROX	

	020		860721-11A00	DESCRIPTION PRINTED	
	030		860721-34A00 *	SOURCE CARDS	
	040		860721-84A00	ABSOLUTE BINARY CARDS	
	050	ABSTRACT	TO SIMPLIFY THE LOADING OF OBJECT PROGRAMS WHICH HAVE BEEN OUTPUT FROM AN XDS 9300 ASSEMBLER INTO BINARY		
	060		CARDS.		
	070	COMMENTS	SIZE: 37 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300 WITH A CARD READER.		
B3860722	000	AA 9300	ONE CARD OCTAL MEMORY DUMP (TYPEWRITER)		P VM
	010	AUTHOR	XEROX		
	020		860722-11A00	DESCRIPTION PRINTED	
	030		860722-34A00 *	SOURCE CARDS	
	040		860722-84A00	ABSOLUTE BINARY CARDS	
	050	ABSTRACT	TO DISPLAY THE CONTENTS OF A SELECTED PORTION OF MEMORY.		
	060	COMMENTS	SIZE: 65 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300		
B3860723	000	AA 9300	OCTAL INPUT-1 CARD LOADER		P VM
	010	AUTHOR	XEROX		
	020		860723-11A00	DESCRIPTION PRINTED	
	030		860723-34A00 *	SOURCE CARDS	
	040		860723-84A00	ABSOLUTE BINARY CARDS	
	050	ABSTRACT	TO ENABLE PROGRAM CORRECTION FROM CARDS PUNCHED IN A CONVENIENT OCTAL FORMAT.		
	060	COMMENTS	SIZE: 30 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300.		
B3860726	000	AA 9300	CARD READ SUBROUTINE - CDR		P VM
	010	AUTHOR	XEROX		
	020		860726-11A00	DESCRIPTION PRINTED	
	030		860726-24A00	RELOCATABLE BINARY CARDS	
	040		860726-44A00 *	COMPRESSED CARDS	
	050	ABSTRACT	TO PROVIDE A CLOSED SUBROUTINE CAPABLE OF ACCEPTING INPUT FROM A CARD READER IN EITHER BCD OR BINARY		
	060		MODE. INTERLACE IS USED AND THE INTERRUPTS ARE ENABLED AND USED.		
	070	COMMENTS	SOURCE LANGUAGE: META-SYMBOL. SIZE: 151 DECIMAL WORDS. COMPUTER CONFIGURATION; ANY XDS 9300 WITH A CARD		
	080		READER ATTACHED TO AN INTERLACED CHANNEL.		
B3860727	000	AA 9300	CARD READER TEST PROGRAM		D VM
	010	AUTHOR	XEROX		
	020		860727-11A00	DESCRIPTION PRINTED	
	030		860727-44A00 *	COMPRESSED CARDS	
	040		860727-84A00	ABSOLUTE BINARY CARDS	
	050	ABSTRACT	TO VERIFY THE OPERATION OF THE XDS 9151, 9152 OR 9153 CARD READER.		

060 COMMENTS SOURCE LANGUAGE: META-SYMBOL. SIZE: 611 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300 WITH
070 TYPEWRITER ON CHANNEL A AND XDS MODEL 9151,9152 OR 9153 CARD READER ATTACHED TO A TMCC OR UACC. EXTENDED
080 MODE INTERLACE IS USED FOR CARD READER.

B3860729 000 AA 9300 CARD PUNCH TEST PROGRAM D MM

010 AUTHOR XEROX
020 860729-11A00 DESCRIPTION PRINTED
030 860729-44A00 * COMPRESSED CARDS
040 860729-84A00 ABSOLUTE BINARY CARDS

050 ABSTRACT TO PROVIDE A MEANS OF TESTING THE CARD PUNCH.

060 COMMENTS SOURCE LANGUAGE: META-SYMBOL. SIZE: 608 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY 9300 COMPUTER WITH
070 MODEL 9157 CARD PUNCH COUPLER SYSTEM ATTACHED TO ANY CHANNEL.

B3860730 000 AA 9300 9156 CARD PUNCH TEST PROGRAM D MM

010 AUTHOR XEROX
020 860730-11A00 DESCRIPTION PRINTED
030 860730-34A00 * SOURCE CARDS
040 860730-84A00 ABSOLUTE BINARY CARDS

050 ABSTRACT TO PROVIDE A MEANS OF TESTING THE CARD PUNCH. SOURCE LANGUAGE: META-SYMBOL. SIZE: 317 DECIMAL WORDS.
060 COMPUTER CONFIGURATION: ANY 9300 WITH MODEL 9158 CARD PUNCH COUPLER SYSTEM MAY BE USED ON CHANNELS A-H.

B3860731 000 AA 9300 I/O HANDLER CDRP P MM

010 AUTHOR XEROX
020 860731-11A00 DESCRIPTION PRINTED
030 860731-24A00 RELOCATABLE BINARY CARDS
040 860731-44A00 * COMPRESSED CARDS
050 860731-51A00 LISTING PRINTED

060 ABSTRACT TO PROVIDE A CLOSED SUBROUTINE CAPABLE OF READING OR PUNCHING CARDS IN EITHER BCD OR BINARY MODE.

070 COMMENTS SOURCE LANGUAGE: META-SYMBOL. SIZE: 277 OCTAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300 WITH A CARD
080 READER/OR PUNCH.

B3860732 000 AA 9300 MAGNETIC TAPE HANDLER (MTAPE) P VM

010 AUTHOR XEROX
020 860732-11A00 DESCRIPTION PRINTED
030 860732-24A00 RELOCATABLE BINARY CARDS
040 860732-44A00 * COMPRESSED CARDS

050 ABSTRACT TO PROVIDE A GENERALIZED ROUTINE TO PERFORM VARIOUS MAGNETIC TAPE OPERATIONS. THE ROUTINE OPERATES IN
060 THE EXTENDED MODE UNDER INTERRUPT CONTROL.

070 COMMENTS SOURCE LANGUAGE: META-SYMBOL. SIZE: 523 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300 WITH

	080			MAGNETIC TAPE(S) ON ANY OF THE INTERLACED CHANNELS A-H.	
B3860733	000	AA 9300		CARD OR MAG. TAPE UNIVERSAL LOADER	P VM
	010	AUTHOR	XEROX		
	020		860733-11A00	DESCRIPTION PRINTED	
	030		860733-34A00 *	SOURCE CARDS	
	040		860733-84A00	ABSOLUTE BINARY CARDS	
	050	ABSTRACT	TO LOAD ONE OR MORE PROGRAMS PRODUCED BY SYMBOL OR META-SYMBOL AND PRESENTED TO THE LOADER ON EITHER		
	060		PUNCHED CARDS OR MAGNETIC TAPE. THIS LOADER HAS ESSENTIALLY THE SAME CAPABILITIES AS THE XDS MONARCH		
	070		LOADER BUT IT FUNCTIONS INDEPENDENTLY OF MONARCH.		
	080	COMMENTS	SOURCE LANGUAGE: SYMBOL. SIZE: 1071 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300 COMPUTER WITH A		
	090		CARD READER AND A TYPEWRITER. LOADER EXISTS ON CARDS AND LOADS PROGRAMS WHICH EXIST EITHER ON CARDS OR		
	100		MAGNETIC TAPE.		
B3860734	000	AA 9300		MAG TAPE TRANSFORMATION (TRANSFORM)	P VM
	010	AUTHOR	XEROX		
	020		860734-11A00	DESCRIPTION PRINTED	
	030		860734-24A00	RELOCATABLE BINARY CARDS	
	040		860734-44A00 *	COMPRESSED CARDS	
	050	ABSTRACT	TO TRANSFORM A FILE OF BLOCKED RECORDS WHOSE LOGICAL RECORD LENGTH (IN CHARACTERS) IS A NON-MULTIPLE OF		
	060		FOUR (4) TO A NEW FILE WHOSE LOGICAL RECORD LENGTH IN CHARACTERS IS A MULTIPLE OF FOUR. THE OUTPUT		
	070		RECORD LENGTH IS SPECIFIED BY THE USER. THE ORIGINAL BLOCKING FACTOR IS RETAINED IN THE OUTPUT FILE.		
	080	COMMENTS	SOURCE LANGUAGE: META-SYMBOL (META H93H). SIZE: 3243 DEC. WORDS. COMPUTER CONFIGURATION: ANY XDS 9300		
	090		MINIMUM 16K,3 MAG TAPES.		
B3860737	000	AA 9300		BINARY MAG TAPE EDITOR	P VM
	010	AUTHOR	XEROX		
	020		860737-11A00	DESCRIPTION PRINTED	
	030		860737-44A00 *	COMPRESSED CARDS	
	040		860737-84A00	ABSOLUTE BINARY CARDS	
	050	ABSTRACT	TO COPY AND EDIT A BINARY MAG TAPE.		
	060	COMMENTS	SOURCE LANGUAGE: META-SYMBOL. SIZE: 687 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300 WITH TWO MAG		
	070		TAPES		
B3860738	000	AA 9300		EXTENDED MODE MULTI MAG TAPE EXERCISOR	P VM
	010	AUTHOR	XEROX		
	020		860738-11A00	DESCRIPTION PRINTED	
	030		860738-44A00 *	COMPRESSED CARDS	
	040		860738-84A00	ABSOLUTE BINARY CARDS	

050 ABSTRACT THE PROGRAM IS DESIGNED TO EXERCISE 1 TO 64 MAGNETIC TAPES ON CHANNELS A THRU H. THE EXERCISE OPERATES
060 UNDER INTERRUPT CONTROL IN THE EXTENDED MODE USING ALL FOUR FUNCTION CODES.
070 COMMENTS SOURCE LANGUAGE: META-SYMBOL. SIZE: 1976 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300 SYSTEM WITH
080 J TO 64 TAPE UNITS ATTACHED TO INTERLACED CHANNELS A THRU H. THE TYPEWRITER ON CHANNEL A(D) IS USED FOR
090 CONTROL.

B3860739 000 AA 9300 MAGNETIC TAPE TEST PROGRAM D MM

010 AUTHOR XEROX
020 860739-11A00 DESCRIPTION PRINTED

030 860739-44A00 * COMPRESSED CARDS

040 860739-84A00 ABSOLUTE BINARY CARDS

050 ABSTRACT TO PROVIDE A COMPREHENSIVE MEANS FOR INITIAL CHECKOUT AND TESTING OF MAGNETIC TAPE UNITS.

060 COMMENTS SOURCE LANGUAGE: META-SYMBOL. SIZE: 1959 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300 WITH A

070 TYPEWRITER ATTACHED TO CHANNEL A AND ONE OR MORE MAGNETIC TAPE UNITS ATTACHED TO ANY CHANNEL USING

080 INTERLACE AND EXTENDED MODE.

B3860740 000 AA 9300 SORT/MERGE (COVER) P MM

010 AUTHOR XEROX
020 860740-11A00 DESCRIPTION PRINTED

030 860740-44A00 * COMPRESSED CARDS

040 860740-84A00 ABSOLUTE BINARY CARDS

050 900997 900 SERIES/9300 COMPUTERS REFERENCE MANUAL

060 901044 900 SERIES/9300 SORT/MERGE TECHNICAL MANUAL

070 ABSTRACT SEE CATALOG NUMBERS 860741 AND 860742 FOR ABSTRACTS OF SORT AND MERGE.

080 COMMENTS SOURCE LANGUAGE: META-SYMBOL. SIZE: 4096-8192 DECIMAL WORDS COMPUTER CONFIGURATION: ANY XDS 9300 COMPUTER

090 WITH A MINIMUM OF 16K FOR FULL CAPACITY VERSION OF SORT WHICH PERMITS FIRST AND/OR LAST PASS OWN-CODE

100 SUBPROGRAMS, OR 8K FOR THE LIMITED CAPACITY VERSION. THREE TAPE UNITS, ONE CARD READER AND ONE TYPEWRITER.

B3860741 000 AA 9300 SORT P MM

010 AUTHOR XEROX
020 860741-84A00 860740-84 ABSOLUTE BINARY CARDS

030 900997 900 SERIES/9300 SORT/MERGE REFERENCE

040 901044 900 SERIES/9300 SORT/MERGE TECHNICAL MANUAL

050 ABSTRACT PROVIDES A COMPREHENSIVE SORTING CAPABILITY FOR USERS OF XDS 900 SERIES OR 9300 COMPUTER SYSTEMS HAVING

060 AT LEAST THREE MAG TAPE UNITS OR TWO MAGPAK UNITS.

070 COMMENTS THIS PROGRAM IS PART OF CATALOG NUMBER 860740, SEE THIS CATALOG NUMBER FOR COMPUTER CONFIGURATION.

B3860742 000 AA 9300 MERGE P MM

010 AUTHOR XEROX

020	860742-84A00	860740-84	ABSOLUTE BINARY CARDS
030	900997		900 SERIES/9300 SORT/MERGE REFERENCE MANUAL
040	901044		900 SERIES/9300 SORT/MERGE TECHNICAL MANUAL
050	ABSTRACT MERGE, BASICALLY IS AN ABRIDGEMENT OF SORT, ALLOWS PREVIOUSLY SEQUENCED RECORDS FROM AS MANY AS SIX		
060	REELS OF MAGNETIC TAPE TO BE MERGED INTO ONE STRING.		
070	COMMENTS THIS PROGRAM IS PART OF CATALOG 860740, SEE THIS CATALOG NUMBER FOR THE COMPUTER CONFIGURATION.		

B3860743	000	AA	9300	PAYROLL GENERATOR PROGRAM	P MM
	010	AUTHOR	XEROX		
	020		860743-11A00	DESCRIPTION PRINTED	
	030		860743-24A00	RELOCATABLE BINARY CARDS	
	040		860743-44A00 *	COMPRESSED CARDS	
	050	ABSTRACT TO COMPUTE PAYROLL EARNINGS, BASED ON DATA CONTAINED IN AN EMPLOYEE MASTER FILE AND A TIME REPORT FILE.			
	060	COMMENTS SOURCE LANGUAGE: XDS BUSINESS LANGUAGE. SIZE: 6500 DECIMAL WORDS COMPUTER CONFIGURATION: ANY XDS 9300			
	070	WITH A MINIMUM OF 16K OF STORAGE AND THREE MAGNETIC TAPE UNITS.			

B3860744	000	AA	9300	DATA MULTIPLEX CHANNEL TEST	D MM
	010	AUTHOR	XEROX		
	020		860744-11A00	DESCRIPTION PRINTED	
	030		860744-44A00 *	COMPRESSED CARDS	
	040		860744-84A00	ABSOLUTE BINARY CARDS	
	050	ABSTRACT TO TEST THE OPERATION OF DSC 1 WITH AND WITHOUT INTERRUPTS.			
	060	COMMENTS ANY 9300 WITH A DATA MULTIPLEX UNIT AND DATA SUB CHANNEL HAVING A PAPER TAPE PUNCH AND A PHOTO READER			
	070	ATTACHED. A TYPEWRITER AND PHOTO READER OR BINARY CARD READER ARE REQUIRED ON CHANNEL A (ZERO).			

B3860745	000	AA	9300	DACC DIAGNOSTIC TEST FOR 9300	D MM
	010	AUTHOR	XEROX		
	020		860745-11A00	DESCRIPTION PRINTED	
	030		860745-44A00 *	COMPRESSED CARDS	
	040		860745-84A00	ABSOLUTE BINARY CARDS	
	050	ABSTRACT THE PURPOSE OF THIS PROGRAM IS TO MAKE AVAILABLE A DACC DIAGNOSTIC TEST INDEPENDENT OF A PERIPHERAL			
	060	DEVICE.			
	070	COMMENTS SOURCE LANGUAGE: META-SYMBOL. SIZE: 1977 DECIMAL WORDS. COMPUTER CONFIGURATION: XDS 9300, DACC, JX35			
	080	TESTER.			

B3860746	000	AA	9300	DACC DIAGNOSTIC TEST FOR 9300	D MM
	010	AUTHOR	XEROX		
	020		860746-11A00	DESCRIPTION PRINTED	
	030		860746-44A00 *	COMPRESSED CARDS	

	040		860746-84A00	ABSOLUTE BINARY CARDS	
	050	ABSTRACT	THE PURPOSE OF THIS PROGRAM IS TO MAKE AVAILABLE A TMCC DIAGNOS TIC TEST INDEPENDENT OF A PERIPHERAL		
	060		DEVICE.		
	070	COMMENTS	SOURCE LANGUAGE: META-SYMBOL. SIZE: 1878 DECIMAL WORDS. COMPUTER CONFIGURATION: XDS 9300, TMCC, JX35		
	080		TESTER.		
B3860747	000	AA 9300	DSC-I DIAGNOSTIC TEST		D VM
	010	AUTHOR	XEROX		
	020		860747-11A00	DESCRIPTION PRINTED	
	030		860747-44A00 *	COMPRESSED CARDS	
	040		860747-84A00	ABSOLUTE BINARY CARDS	
	050	ABSTRACT	THE PURPOSE OF THIS PROGRAM IS TO MAKE AVAILABLE A DMC/DSC-II TEST INDEPENDENT OF A PERIPHERAL DEVICE.		
	060	COMMENTS	SOURCE LANGUAGE: META-SYMBOL. SIZE: 1656 DECIMAL WORDS. COMPUTER CONFIGURATION: XDS 9300 WITH A		
	070		TYPEWRITER AND JX35 TESTER.		
B3860748	000	AA 9300	DSC-II DIAGNOSTIC TEST		D VM
	010	AUTHOR	XEROX		
	020		860748-11A00	DESCRIPTION PRINTED	
	030		860748-84A00	ABSOLUTE BINARY CARDS	
	040	ABSTRACT	TEST INDEPENDENT OF A PERIPHERAL DEVICE.		
	050	COMMENTS	SOURCE LANGUAGE: META-SYMBOL. SIZE: 1463 DECIMAL WORDS. COMPUTER CONFIGURATION: XDS 9300 WITH TYPEWRITER		
	060		AND JX35 TESTER.		
B3860749	000	AA 9300	MODEL 9372 UNBUFFERED LINE PRINTER SUBR		P VM
	010	AUTHOR	XEROX		
	020		860749-11A00	DESCRIPTION PRINTED	
	030		860749-24A00	RELOCATABLE BINARY CARDS	
	040		860749-44A00 *	COMPRESSED CARDS	
	050	ABSTRACT	TO PROVIDE A CLOSED SUBROUTINE CAPABLE OF PRINTING LINES OF UP TO 120 CHARACTERS WITH VERTICAL FORMAT		
	060		CONTROL.		
	070	COMMENTS	SOURCE LANGUAGE: META-SYMBOL. SIZE: 426 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300 WITH A MODEL		
	080		9372 LINE PRINTER ATTACHED TO AN INTERLACED CHANNEL.		
B3860750	000	AA 9300	MONARCH SYS. UPDATE FOR UNBUFFERED PRINT		F VM
	010	AUTHOR	XEROX		
	020		860750-11A00	DESCRIPTION PRINTED	
	030		860750-84A00	ABSOLUTE BINARY CARDS	
	040	ABSTRACT	TO RELEASE AN UPDATE PACKAGE WHICH WILL ADAPT A STANDARD M03 9300 MONARCH SYSTEM TAPE TO THE UNBUFFERED		
	050		PRINTER. N/A		

B3860751 000 AB 9300 SYMBOL 9372 UNBUFFERED PRINT OUTPUT SUBR P VM
 010 AUTHOR XEROX
 020 860751-11A00 DESCRIPTION PRINTED
 030 860751-24A00 RELOCATABLE BINARY CARDS
 040 860751-34B00 * SOURCE CARDS
 050 ABSTRACT TO OUTPUT ON THE PRINTER ONE LINE OF THE SYMBOL OUTPUT LISTING.
 060 COMMENTS SOURCE LANGUAGE:SYMBOL. SIZE: 130 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300 WITH A MODEL 9372
 070 UNBUFFERED LINE PRINTER.

B3860752 000 AA 9300 LINE PRINTER SUBROUTINE (PRINT) P VM
 010 AUTHOR XEROX
 020 860752-11A00 DESCRIPTION PRINTED
 030 860752-24A00 RELOCATABLE BINARY CARDS
 040 860752-44A00 * COMPRESSED CARDS
 050 ABSTRACT TO PROVIDE A CLOSED SUBROUTINE CAPABLE OF PRINTING LINES OF UP TO 132 CHARACTERS WITH VERTICAL FORMAT
 060 CONTROL.
 070 COMMENTS SOURCE LANGUAGE: META-SYMBOL. SIZE: 185 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300 WITH A
 080 BUFFERED LINE PRINTER ATTACHED TO AN INTERLACED CHANNEL.

B3860753 000 AA 9300 PRINTER DIAGNOSTIC D MM
 010 AUTHOR XEROX
 020 860753-11A00 DESCRIPTION PRINTED
 030 860753-44A00 * COMPRESSED CARDS
 040 860753-84A00 ABSOLUTE BINARY CARDS
 050 ABSTRACT A SELF LOADING PROGRAM TO PERMIT VERIFICATION OF THE 9174 AND 9179 BUFFERED LINE PRINTERS ON A XDS 9300.
 060 THE PROGRAM OPERATES IN EXTENDED MODE INTERLACE WITH IORD AND IOSD TERMINATION CODES . INTERRUPTS ARE
 070 NOT USED. THE PRINTER MAY BE UNIT 1 OR 2 CONNECTED TO ANY TMCC OR DACC.
 080 COMMENTS SIZE: 866 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300 WITH AN ATTACHED 9174 OR 9179 BUFFERED
 090 LINE PRINTER(S).

B3860754 000 AA 9300 9379/9171 BUFFERED LINE PRINTER DIAG D MM
 010 AUTHOR XEROX
 020 860754-11A00 DESCRIPTION PRINTED
 030 860754-44A00 * COMPRESSED CARDS
 040 860754-84A00 ABSOLUTE BINARY CARDS
 050 ABSTRACT PROVIDE A COMPREHENSIVE TEST OF THE BUFFERED LINE PRINTER BY GENERATING SPECIFIED CHARACTER PATTERNS AND
 060 TESTING THE RESPONSE OF THE PRINTER TO NORMAL COMMANDS.
 070 COMMENTS SOURCE LANGUAGE: META-SYMBOL. SIZE: 1275 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300 WITH A

	080			BUFFERED LINE PRINTER AND A TYPEWRITER CONNECTED TO CHANNEL A.	
B3860755	000	AA 9300		MODEL 9372 UNBUFFERED LINE PRINTER TEST	D MM
	010	AUTHOR	XEROX		
	020		860755-11A00	DESCRIPTION PRINTED	
	030		860755-44A00 *	COMPRESSED CARDS	
	040		860755-84A00	ABSOLUTE BINARY CARDS	
	050	ABSTRACT	PROVIDE A TEST OF THE MODEL 9372 LINE PRINTER CONNECTED TO ANY CHANNEL WITH INTERLACE, AND A TYPEWRITER		
	060		CONNECTED TO CHANNEL A.		
	070	COMMENTS	SOURCE LANGUAGE: META-SYMBOL. SIZE: 1560 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300 WITH A		
	080		MODEL 9372 LINE PRINTER CONNECTED TO ANY CHANNEL WITH INTERLACE, AND A TYPEWRITER CONNECTED TO CHANNEL		
	090		A.		
B3860757	000	AA 9300		PLOTTER TEST	D MM
	010	AUTHOR	XEROX		
	020		860757-11A00	DESCRIPTION PRINTED	
	030		860757-84A00	ABSOLUTE BINARY CARDS	
	040	ABSTRACT	TO PROVIDE AN ACCEPTANCE TEST FOR THE XDS MODEL 9175-76 INCREMENTAL PLOTTER.		
	050	COMMENTS	SOURCE LANGUAGE: META-SYMBOL. SIZE: 261 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300 WITH A MODEL		
	060		9175-76 INCREMENTAL PLOTTER ON ANY TMCC.		
B3860758	000	AA 9300		MEMORY LOCK-OUT AND POWER FAIL-SAFE TEST	D MM
	010	AUTHOR	XEROX		
	020		860758-11A00	DESCRIPTION PRINTED	
	030		860758-84A00	ABSOLUTE BINARY CARDS	
	040	ABSTRACT	TO VERIFY THE OPERATION OF THE MEMORY LOCK-OUT/POWER FAIL-SAFE OPTIONS.		
	050	COMMENTS	SOURCE LANGUAGE: META-SYMBOL. SIZE: 297 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300 WITH MEMORY		
	060		LOCK-OUT (MANUAL OR PROGRAM CONTROLLER)/POWER FAIL-SAFE.		
B3860759	000	AA 9300		SPECIAL PRIORITY INTERRUPT TEST ROUTINE	D MM
	010	AUTHOR	XEROX		
	020		860759-11A00	DESCRIPTION PRINTED	
	030		860759-24A00	RELOCATABLE BINARY CARDS	
	040		860759-44A00 *	COMPRESSED CARDS	
	050	ABSTRACT	TO PROVIDE A CHECK FOR PROPER OPERATION OF OPTIONAL INTERRUPTS.		
	060	COMMENTS	SOURCE LANGUAGE: META-SYMBOL. SIZE: 284 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300 WITH		
	070		TYPEWRITER ON CHANNEL A, OPTIONAL INTERRUPTS, AND SPECIAL HARDWARE TO ALLOW INTERNAL INITIATION OF		
	080		OPTIONAL INTERRUPTS.		

B3860760	000	AA 9300	SPECIAL TYPEWRITER TEST ROUTINE	D VM
	010	AUTHOR	XEROX	
	020		860760-11A00 DESCRIPTION PRINTED	
	030		860760-24A00 RELOCATABLE BINARY CARDS	
	040		860760-44A00 * COMPRESSED CARDS	
	050	ABSTRACT	TO TEST THE I/O TYPEWRITER FOR PROPER INPUT-OUTPUT. THE ROUTINE PERFORMS THIS FUNCTION WITHOUT USING	
	060		INTERLACE OR INTERRUPTS.	
	070	COMMENTS	SOURCE LANGUAGE: META-SYMBOL. SIZE: 90 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300 WITH AN I/O	
	080		TYPEWRITER.	
B3860761	000	AA 9300	SPECIAL PAPER TAPE PUNCH-READ TEST	D MM
	010	AUTHOR	XEROX	
	020		860761-11A00 DESCRIPTION PRINTED	
	030		860761-44A00 * COMPRESSED CARDS	
	040		860761-84A00 ABSOLUTE BINARY CARDS	
	050	ABSTRACT	TO PROVIDE AN ACCEPTANCE TEST FOR THE XDS 92340 PAPER TAPE UNIT	
	060	COMMENTS	SOURCE LANGUAGE: META-SYMBOL. SIZE: 190 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300 WITH	
	070		TYPEWRITER ON CHANNEL A AND AN XDS 92340 PAPER TAPE UNIT (MODIFIED FOR SEVEN UNIT).	
B3860762	000	AA 9300	CATHODE RAYTUBE DISPLAY SYSTEM TEST	D MM
	010	AUTHOR	XEROX	
	020		860762-11A00 DESCRIPTION PRINTED	
	030		860762-44A00 * COMPRESSED CARDS	
	040		860762-84A00 ABSOLUTE BINARY CARDS	
	050	ABSTRACT	TO PROVIDE A MEANS OF CHECKING OUT AND ADJUSTING THE DISPLAY COUPLER AND DISPLAY UNIT ALONG WITH ANY OF	
	060		THE OPTIONAL DEVICES, SUCH AS VECTOR GENERATOR, CHARACTER GENERATOR, OR LIGHT GUN.	
	070	COMMENTS	SIZE: 4095 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300 WITH A MODEL 9185-01 DISPLAY COUPLER AND	
	080		A DISPLAY UNIT USING THE FOLLOWING CHANNEL CONFIGURATION. XDS 9300: IMCC WITH 24-BIT CHARACTER SIZE	
	090		OPTION OR ANY DACC OR PIN-POT CONNECTOR.	
B3860763	000	AA 9300	DES-1 DIAGNOSTIC PROGRAM	D MM
	010	AUTHOR	XEROX	
	020		860763-11A00 DESCRIPTION PRINTED	
	030		860763-44A00 * COMPRESSED CARDS	
	040		860763-84A00 ABSOLUTE BINARY CARDS	
	050	ABSTRACT	TO TEST DES-1 CONSOLE AND EIGHT D/A CONVERTERS.	
	060	COMMENTS	SOURCE LANGUAGE: META-SYMBOL. SIZE: 516 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY DES-1 9300 COMPUTER.	
B3860764	000	AA 9300	MTE-3 MAG TAPE EXERCISER, 4 CHAR. MODE	D MM

010 AUTHOR XEROX
020 860764-11A00 DESCRIPTION PRINTED
030 860764-44A00 * COMPRESSED CARDS
040 860764-84A00 ABSOLUTE BINARY CARDS
050 ABSTRACT THIS PROGRAM IS DESIGNED TO EXERCISE THE MAGNETIC TAPE UNIT BY FIRST WRITING RECORDS OF RANDOM NUMBERS
060 AND THEN READING THESE RECORDS BACK AND COMPARING THEM WITH THE NUMBERS WRITTEN. AN ATTEMPT IS MADE TO
070 TABULATE AND OUTPUT ALL USEFUL INFORMATION CONCERNING THE ERRORS MADE, IF ANY, AND THE NUMBER OF PASSES
080 OVER THE TAPE.
090 COMMENTS SOURCE LANGUAGE: META-SYMBOL. SIZE: 12643 DECIMAL WORDS. COMPUTER CONFIGURATION: XDS 9300 WITH A 24-BIT
100 EXTENDED A BUFFER TELETYPE TYPEWRITER CONNECTED TO THE A BUFFER, AND A MTE-3 MAGNETIC TAPE TRANSPORT
110 CONNECTED TO EITHER CHANNEL A, B, C OR D.

B3860765 000 AA 9300 9267 DISC FILE DIAGNOSTIC-(DFD) D MM

010 AUTHOR XEROX
020 860765-11A00 DESCRIPTION PRINTED
030 860765-44A00 * COMPRESSED CARDS
040 860765-84A00 ABSOLUTE BINARY CARDS
050 ABSTRACT TO PROVIDE A COMPREHENSIVE DIAGNOSTIC FOR CHECKOUT AND TESTING OF 9267 RAD DISC.
060 COMMENTS SOURCE LANGUAGE: META-SYMBOL. SIZE: 3510 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300 WITH
070 INTERLACE, EXTENDED MODE, TYPEWRITER (NUMBER 1, A-CHANNEL), AND ONE OR MORE MODEL 9267 RAD,S.

B3860766 000 AA 9300 CFE-1 DIAGNOSTIC D MM

010 AUTHOR XEROX
020 860766-11A00 DESCRIPTION PRINTED
030 860766-44A00 * COMPRESSED CARDS
040 860766-82A00 ABSOLUTE BINARY PAPER TAPE, 7 LEVELS
050 860766-84A00 ABSOLUTE BINARY CARDS
060 ABSTRACT TO DISCOVER AND INDICATE CFE-1 FAILURES.
070 COMMENTS SOURCE LANGUAGE: META-SYMBOL. SIZE: 1325 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300 WITH 1-4
080 MEMORY BANKS TOTALING UP TO 32K, CARD OR PAPER TAPE READER, AND CFE-1. (IN ADDITION A TYPEWRITER 1 ON
090 CHANNEL A IS HIGHLY ADVISED.

B3860767 000 AA 9300 RAD APOCALYPTIC DIAGNOSTIC D MM

010 AUTHOR XEROX
020 860767-11A00 DESCRIPTION PRINTED
030 860767-44A00 * COMPRESSED CARDS
040 860767-84A00 ABSOLUTE BINARY CARDS
050 ABSTRACT TO PROVIDE A COMPREHENSIVE DIAGNOSTIC FOR CHECKOUT AND TESTING OF RADS.
060 COMMENTS SOURCE LANGUAGE: META-SYMBOL. SIZE: 3707 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300 WITH A

	070			TYPEWRITER (NO. 1) ATTACHED TO CHANNEL A AND ONE OR MORE PADS ATTACHED TO ANY CHANNEL USING INTERLACE.	
B3860768	000	AA 9300		DPD TEST PROGRAM	D MM
	010	AUTHOR	XEROX		
	020		860768-11A00	DESCRIPTION PRINTED	
	030		860768-44A00 *	COMPRESSED CARDS	
	040		860768-84A00	ABSOLUTE BINARY CARDS	
	050	ABSTRACT	THE PROGRAM IS DESIGNED FOR INITIAL DISC CHECKOUT, FIELD MAINTENANCE, AND TO PERFORM DURATION TESTING		
	060		FOR ACCEPTANCE PURPOSE		
	070	COMMENTS	SOURCE LANGUAGE: META-SYMBOL. SIZE: 3700 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300 WITH XDS		
	080		MODEL 9164-01/ 9164-02 DISC FILE CONTROLLER ATTACHED TO 1 OR 2 I/O CHANNELS A-H. THE TYPEWRITER IS USED		
	090		FOR PROGRAM CONTROL AND MUST BE CONNECTED TO CHANNEL A.		
B3860769	000	AA 9300		INTERRUPT ARM-DISARM FEATURE TEST PROGRA	D MM
	010	AUTHOR	XEROX		
	020		860769-11A00	DESCRIPTION PRINTED	
	030		860769-44A00 *	COMPRESSED CARDS	
	040	ABSTRACT	TO CHECK OUT, THOROUGHLY, THE OPERATION OF ARM-DISARM FEATURE.		
	050	COMMENTS	SOURCE LANGUAGE: META-SYMBOL. SIZE: 3000 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY 9300 WITH		
	060		TYPEWRITER, 1 TO 896 CHANNELS OF SYSTEM INTERRUPTS AND THE ARM-DISARM FEATURE. ALSO REQUIRED TO PERFORM		
	070		THE TEST IS SPECIAL MODULE CARD = 109745. WHEN THIS CARD'S INPUT IS CONNECTED TO COMPUTER SIGNAL RTI,		
	080		ANY PIN COMMAND SHOULD SET ALL ARMED INTERRUPTS.		
B3860770	000	AA 9300		CECIS SPECIAL ACCEPTANCE TEST	D MM
	010	AUTHOR	XEROX		
	020		860770-11A00	DESCRIPTION PRINTED	
	030		860770-44A00 *	COMPRESSED CARDS	
	040		860770-84A00	ABSOLUTE BINARY CARDS	
	050	ABSTRACT	TO DEMONSTRATE PERFORMANCE OF SPECIAL PARTS OF THE SYSTEM.		
	060	COMMENTS	SOURCE LANGUAGE: META-SYMBOL. SIZE: 776 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300 FOR CECIS		
	070		SECT SYSTEM.		
B3860771	000	AA 9300		REAL TIME CLOCK TEST ROUTINE	D MM
	010	AUTHOR	XEROX		
	020		860771-11A00	DESCRIPTION PRINTED	
	030		860771-44A00 *	COMPRESSED CARDS	
	040		860771-84A00	ABSOLUTE BINARY CARDS	
	050	ABSTRACT	THIS PROGRAM DEMONSTRATES ACCEPTABLE PERFORMANCE OF THE REAL TIME CLOCK.		
	060	COMMENTS	SOURCE LANGUAGE: META-SYMBOL. SIZE: 367 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300 WITH A PAPER		

	670			TAPE READER OR CARD READER, A TYPEWRITER ATTACHED TO CHANNEL A, AND A 91880 REAL TIME CLOCK.	
B3860772	000	AA 9300		CFE-1 AND MAG TAPE COMPATABILITY PROGRAM	P VM
	010	AUTHOR	XEROX		
	020		860772-11A00	DESCRIPTION PRINTED	
	030		860772-44A00 *	COMPRESSED CARDS	
	040		860772-84A00	ABSOLUTE BINARY CARDS	
	050	ABSTRACT	TO DEMONSTRATE THE CAPABILITY OF THE CFE-1 TO OPERATE INDEPENDENTLY FROM THE CENTRAL PROCESSING UNIT		
	060		(XDS 9300) IN ALL OPERATING AND STORAGE MODES.		
	070	COMMENTS	SOURCE LANGUAGE: META-SYMBOL. SIZE: 236 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300 WITH CFE-1		
	080		AND MAG TAPE.		
B3860773	000	AA 9300		SPECIAL ACCEPT. TESTS FOR NORTH AMERICAN	D VM
	010	AUTHOR	XEROX		
	020		860773-11A00	DESCRIPTION PRINTED	
	030		860773-44A00 *	COMPRESSED CARDS	
	040		860773-84A00	ABSOLUTE BINARY CARDS	
	050	ABSTRACT	THE PURPOSE OF THESE PROGRAMS IS TO DEMONSTRATE THE REAL TIME SIMULATION SYSTEM CONFORMANCE TO		
	060		REQUIREMENTS OF NAA PROCUREMENT SPECIFICATION MC 470-0080		
	070	COMMENTS	SIZE: 2926 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300 FOR NAA REAL TIME SIMULATION SYSTEM.		
B3860774	000	AA 9300		FATCH	P VM
	010	AUTHOR	XEROX		
	020		860774-11A00	DESCRIPTION PRINTED	
	030		860774-44A00 *	COMPRESSED CARDS	
	040		860744-84A00	ABSOLUTE BINARY CARDS	
	050	ABSTRACT	THIS COMPILER-RUN TIME COMBINATION PROVIDES ON-LINE STATIC AND OFF-LINE DYNAMIC CHECK VALUES FOR		
	060		VERIFICATION OF HYBRID AND ANALOG COMPUTER SOLUTIONS. THE ON-LINE STATIC CHECK ALSO PROVIDES FOR ANALOG		
	070		COMPONENT DIAGNOSTICS.		
	080	COMMENTS	SOURCE LANGUAGE: META-SYMBOL. SIZE: 2550 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300.		
B3860776	000	AA 9300		STANDARD ANALOG TEST PROGRAM	D VM
	010	AUTHOR	XEROX		
	020		860776-11A00	DESCRIPTION PRINTED	
	030		860776-84A00	ABSOLUTE BINARY CARDS	
	040	ABSTRACT	TO CALIBRATE AND TEST ANALOG I/O EQUIPMENT.		
	050	COMMENTS	SIZE: 12288 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300 WITH ASSOCIATED ANALOG I/O EQUIPMENT.		
B3860777	000	AA 9300		BOEING RANDOM NUM. GEN. TEST PROGRAM	D VM

010	AUTHOR	XEROX	
020		860777-11A00	DESCRIPTION PRINTED
030		860777-44A00 *	COMPRESSED CARDS
040		860777-84A00	ABSOLUTE BINARY CARDS
050	ABSTRACT	THIS PROGRAM TESTS THE RANDOM NUMBER GENERATOR AND MEMORY INCREMENT HARDWARE IN SIX WAYS. 1.)	
060		SINGLE-WORD RANDOM NUMBER MODE. 2) MEMORY INCREMENT MODE. 3) RANDOM NUMBER BLOCK MODE. 4) TIMING OF RANDOM	
070		NUMBER BLOCK MODE. 5) TIMING OF MEMORY INCREMENT MODE. 6) REGISTER TEST. SOURCE LANGUAGE: META-SYMBOL.	
080		SIZE: 6098 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300, DSC-II, INTERLACED A CHANNEL, PAPER TAPE	
090		READER, TYPEWRITER, SPECIAL HARDWARE.	

B3860778	000	AA 9300	BOEING FAULT TREE TEST PROGRAM	D VM
	010	AUTHOR	XEROX	
	020		860778-11A00	DESCRIPTION PRINTED
	030		860778-44A00 *	COMPRESSED CARDS
	040		860778-84A00	ABSOLUTE BINARY CARDS
	050	ABSTRACT	THIS PROGRAM TESTS THE BOEING FAULT TREE SYSTEM ECM'S AND SKS LINES. THERE ARE FOUR MAJOR PARTS TO THE	
	060		PROGRAM: 1) CHECK ALL ECM FLIP FLOPS (FF,S) EXCEPT THE 7 TRIGGER FF,S USING ONE ECM CONNECTOR FOR	
	070		OUTPUT. 2) CHECK ALL SKS INPUTS (EXCEPT THE INDIRECT SENSORS) USING ONE ECM CONNECTOR FOR OUTPUT. 3)	
	080		CHECK THE 7 TRIGGER FF. 4) CHECK THE 20 INDIRECT SENSORS.	
	090	COMMENTS	SOURCE LANGUAGE: META-SYMBOL. SIZE: 2322 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300, PAPER TAPE	
	100		READER, INTERLACED A CHANNEL, TYPEWRITER, 4K MEMORY, SPECIAL HARDWARE.	

B3860779	000	AA 9300	DES-1 8K VERSION	P VM
	010	AUTHOR	XEROX	
	020		860779-11A00	DESCRIPTION PRINTED
	030		860779-44A00 *	COMPRESSED CARDS
	040		860779-84A00	ABSOLUTE BINARY CARDS
	050		980065	XDS DES-1 DIFFERENTIAL EQUATION SOLVER
	060	ABSTRACT	TO SOLVE DIFFERENTIAL EQUATIONS.	
	070	COMMENTS	SOURCE LANGUAGE: META-SYMBOL. COMPUTER CONFIGURATION: ANY DES-1 9300 COMPUTER.	

B3860780	000	AA 9300	DES-1 16K VERSION	P VM
	010	AUTHOR	XEROX	
	020		860780-11A00	DESCRIPTION PRINTED
	030		860780-44A00 *	COMPRESSED CARDS
	040		860780-84A00	ABSOLUTE BINARY CARDS
	050		980065	XDS DES-1 DIFFERENTIAL EQUATION SOLVER
	060	ABSTRACT	TO SOLVE DIFFERENTIAL EQUATIONS.	
	070	COMMENTS	SOURCE LANGUAGE: META-SYMBOL. COMPUTER CONFIGURATION: ANY DES-1 9300 COMPUTER.	

B3860781	000	AA 9300	DES-1 24K VERSION	P VM
	010	AUTHOR	XEROX	
	020		860781-11A00 DESCRIPTION PRINTED	
	030		860781-44A00 * COMPRESSED CARDS	
	040		860781-84A00 ABSOLUTE BINARY CARDS	
	050		980065 XDS DES-1 DIFFERENTIAL EQUATION SOLVER	
	060	ABSTRACT	TO SOLVE DIFFERENTIAL EQUATIONS.	
	070	COMMENTS	SOURCE LANGUAGE: META-SYMBOL. COMPUTER CONFIGURATION: ANY DES-1 9300 COMPUTER.	
B3860782	000	AA 9300	DES-1 32K VERSION	P VM
	010	AUTHOR	XEROX	
	020		860782-11A00 DESCRIPTION PRINTED	
	030		860782-44A00 * COMPRESSED CARDS	
	040		860782-84A00 ABSOLUTE BINARY CARDS	
	050		980065 XDS DES-1 DIFFERENTIAL EQUATION SOLVER	
	060	ABSTRACT	TO SOLVE DIFFERENTIAL EQUATIONS.	
	070	COMMENTS	SOURCE LANGUAGE: META-SYMBOL. COMPUTER CONFIGURATION: ANY DES-1 9300 COMPUTER.	
B3860783	000	AA 9300	ACCEPT TEST PROG FOR UCLA BPATH RESEARCH	D VM
	010	AUTHOR	XEROX	
	020		860783-11A00 DESCRIPTION PRINTED	
	030		860783-44A00 * COMPRESSED CARDS	
	040	ABSTRACT	TO DEMONSTRATE THE CAPABILITIES OF THE UCLA BPATH RESEARCH SYSTEM.	
	050	COMMENTS	SOURCE LANGUAGE: META-SYMBOL. SIZE: 20000 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300 WITH MAG	
	060		TAPE, PAPER TAPE, TYPEWRITER, PRINTER, AND ASSOCIATED ANALOG I/O EQUIPMENT.	
B3860784	000	AB 9300	RTM STAND-ALONE UPDATE	P VM
	010	AUTHOR	XEROX	
	020		860784-11B00 DESCRIPTION PRINTED	
	030		860784-44B00 861000-45 COMPRESSED CARDS	
	040		860784-45B00 861000-45 COMPRESSED MAG TAPE, 7 CHANNELS	
	050		860784-84B00 ABSOLUTE BINARY CARDS	
	060	ABSTRACT	THIS ROUTINE IS USED TO UPDATE 9300 RTM SYSGEN TAPES.	
	070	COMMENTS	SOURCE: METASYMBOL, CONFIGURATION: 9300 WITH 8K MEMORY (MINIMUM).	
B3860787	000	AA 9300	9-TRACK MAGNETIC TAPE TEST PROGRAM	D VM
	010	AUTHOR	XEROX	
	020		860787-11A00 DESCRIPTION PRINTED	

	030		860787-44A00 *	COMPRESSED CARDS	
	040		860787-84A00	ABSOLUTE BINARY CARDS	
	050	ABSTRACT	TO TEST THE 9-TRACK MAGNETIC TAPE UNIT AND ITS COUPLER.		
	060	COMMENTS	SOURCE LANGUAGE: META-SYMBOL. SIZE: 12625 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300 WITH AT		
	070		LEAST 8,192 WORDS OF MEMORY, PAPER TAPE OR CARD READER AND TYPEWRITER ON CHANNEL A, AND 9-TRACK MAGNETIC		
	080		TAPE UNIT (MODEL NO.92469) WITH COUPLER (MODEL NO.92489) CONNECTED VIA A TMCC OR DACC WITH INTERLACE.		
B3860788	000	AA 9300	DOUGLAS MOL SYS. CHECK OUT PROGRAM		D VM
	010	AUTHOR	XEROX		
	020		860788-11A00	DESCRIPTION PRINTED	
	030		860788-44A00 *	COMPRESSED CARDS	
	040	ABSTRACT	TO DEMONSTRATE FUNCTIONS OF THE SYSTEM HARDWARE (MIC,SAM,CIV, ETC).		
	050	COMMENTS	SOURCE LANGUAGE: META-SYMBOL. SIZE: 850 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300, 32K MEMORY.		
B3860789	000	AA 9300	GENERAL ELECTRIC MOL SYS. CHECK OUT PROG		D VM
	010	AUTHOR	XEROX		
	020		860789-11A00	DESCRIPTION PRINTED	
	030		860789-44A00 *	COMPRESSED CARDS	
	040		860789-84A00	ABSOLUTE BINARY CARDS	
	050	ABSTRACT	TO DEMONSTRATE FUNCTIONS OF THE SYSTEM HARDWARE (MIC,SAM,CIV,ET C).		
	060	COMMENTS	SOURCE LANGUAGE: META-SYMBOL. SIZE: 849 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300 WITH 32K		
	070		MEMORY.		
B3860790	000	AA 9300	ACCEPT TEST PROG.FOR NASA HOUSTON LEM		D VM
	010	AUTHOR	XEROX		
	020		860790-11A00	DESCRIPTION PRINTED	
	030		860790-44A00 *	COMPRESSED CARDS	
	040		860790-84A00	ABSOLUTE BINARY CARDS	
	050	ABSTRACT	TO CHECKOUT ANALOG I/O EQUIPMENT FOR NASA-MSC SYSTEM.		
	060	COMMENTS	SOURCE LANGUAGE: META-SYMBOL. SIZE: 6143 DECIMAL WORDS. COMPUTER CONFIGURATION: ANY XDS 9300 WITH MIC,		
	070		MAM, TWO MAG TAPES, CARD READER, PAPER TAPE I/O, TYPEWRITER, LINE PRINTER, AND ASSOCIATED ANALOG I/O		
	080		EQUIPMENT.		
B3860791	000	AA 9300	DFS-1 SYSGEN FOR NAA SYSTEM		P VM
	010	AUTHOR	R.E. VOSSLER		
	020		860791-11A00	DESCRIPTION PRINTED	
	030		860791-24A00	RELOCATABLE BINARY CARDS	
	040		860791-44A00 *	COMPRESSED CARDS	
	050		860791-84A00	ABSOLUTE BINARY CARDS	

060 ABSTRACT THIS PROGRAM GENERATES THE DES-1 SYSTEM FILE ON THE RAD FOR THE NORTH AMERICAN AVIATION HYBRID SYSTEM.
070 THE DES-1 SYSTEM CONSISTS OF BINARY CARD DECKS WHICH ARE READ INTO MEMORY AND THEN DUMPED ONTO THE RAD.
080 COMMENTS THIS PROGRAM REQUIRES THE FOLLOWING CONFIGURATION: 24K 9300 XDS COMPUTER 1/2 MILLION CHARACTER RAD CARD
090 READER THE DES-1 ALSO REQUIRES THE FOLLOWING: MAG TAPE LINE PRINTER TELETYPE DES-1 CONSOLE

B3860792 000 AA 9300 9379 PRINTER DIAGNOSTIC D MM

010 AUTHOR XEROX
020 860792-11A00 DESCRIPTION PRINTED
030 860792-84A00 ABSOLUTE BINARY CARDS

040 ABSTRACT A SELF LOADING PROGRAM TO PERMIT VERIFICATION OF THE 9379 BUFFERED LINE PRINTER ON AN XDS 9300 COMPUTER.
050 THE PROGRAM OUTPUTS IN EXTENDED MODE INTERLACE WITH IORD AND IUSD TERMINATION CODES. INTERRUPTS ARE NOT
060 USED. THE PRINTER MAY BE UNIT 1 OR 2 CONNECTED TO ANY IMCC OR DACC.
070 COMMENTS SIZE: 768 DECIMAL. CONFIGURATION: ANY XDS 9300 COMPUTER WITH AN ATTACHED 9379 BUFFERED LINE PRINTER(S).

B3860793 000 AA 9300 9TRACK MAGNETIC TAPE TEST PROGRAM D MM

010 AUTHOR XEROX
020 860793-11A00 DESCRIPTION PRINTED
030 860793-44A00 * COMPRESSED CARDS
040 860793-84A00 ABSOLUTE BINARY CARDS

050 ABSTRACT PURPOSE: TO PROVIDE A COMPREHENSIVE MEANS FOR INITIAL CHECKOUT AND TESTING OF MODEL 95489 9 TRACK
060 MAGNETIC TAPE SYSTEM.
070 COMMENTS MINIMUM SYSTEM CONFIGURATION: 8K MEMORY KEYBOARD/PRINTER CARD READER OR PAPER TAPE READER MODEL 95489 9
080 TRACK MAGNETIC TAPE SYSTEM

B3860794 000 AA 9300 9TK EXTEND MODE MULTI-MAG TAPE EXERCISER D MM

010 AUTHOR XEROX
020 860794-11A00 DESCRIPTION PRINTED
030 860794-44A00 * COMPRESSED CARDS
040 860794-84A00 ABSOLUTE BINARY CARDS

050 ABSTRACT PURPOSE: THE PROGRAM IS DESIGNED TO EXERCISE 1 TO 8 MAGNETIC TAPES ON CHANNELS A THROUGH H. (1 TAPE PER
060 CHANNEL) THE EXERCISER OPERATES UNDER INTERRUPT CONTROL IN THE EXTENDED MODE USING ALL FUNCTION CODES,
070 SKS'S AND EOMS ASSOCIATED WITH THE CHANNEL AND MAGNETIC TAPE.
080 COMMENTS MINIMUM SYSTEM CONFIGURATION: 8K MEMORY KEYBOARD/PRINTER CARD READER OR PAPER TAPE READER 1 TO 8 MODEL
090 95489 9TRACK MAGNETIC TAPE SYSTEMS

B3860795 000 AA 9300 NASA EDWARDS INTERFACE TEST D MM

010 AUTHOR XEROX
020 860795-11A00 DESCRIPTION PRINTED
030 860795-44A00 * COMPRESSED CARDS

040		860795-84A00	ABSOLUTE BINARY CARDS	
050	ABSTRACT	INTERFACE TEST PROGRAM FOR THE NASA EDWARDS XDS 9300 HYBRID SYSTEM.		
060	COMMENTS	THE MINIMUM COMPUTER CONFIGURATION REQUIRED FOR OPERATION OF THE NASA EDWARDS INTERFACE TEST PROGRAM		
070		MUST INCLUDE THE FOLLOWING: 16K XDS 9300, MIC, MAM, CARDREADER, TYPEWRITER, LINE PRINTER, JOE-34/35 DATA		
080		CHANNELS, AND ASSOCIATED ANALOG I/O EQUIPMENT. THIS PROGRAM INCLUDES TWELVE MODES FOR ANALOG INTERFACE		
090		TESTING. THESE MODES ARE MODIFICATIONS TO CATALOG #6990048, XDS 9300 STANDARD ANALOG TEST PROGRAM. NINE		
100		OTHER MODES ARE INCLUDED TO TEST OTHER I/O FUNCTIONS.		
B3860796	000	AA 9300	NASA EDWARDS HYBRID EXECUTION LIBRARY	P VM
010	AUTHOR	XEROX		
020		860796-11A00	DESCRIPTION PRINTED	
030		860796-24A00	RELOCATABLE BINARY CARDS	
040		860796-44A00 *	COMPRESSED CARDS	
050	ABSTRACT	THE NASA EDWARDS HYBRID EXECUTIVE LIBRARY CONSISTS OF A NUMBER OF FORTRAN IV REENTRANT SUBROUTINES WHICH		
060		PROVIDE USER CONTROL OF THE HYBRID SYSTEM HARDWARE.		
070	COMMENTS	THE EXECUTIVE LIBRARY SUBROUTINES MAY BE CALLED BY FORTRAN IV PROGRAMS OR VIA COMMANDS INPUT THROUGH THE		
080		TYPEWRITER WHICH ARE EXERCISED BY THE MANUAL EXECUTIVE PROGRAM. THE HYBRID EXECUTIVE LIBRARY CONSISTS OF		
090		ALL HYBRID HARDWARE INTERFACE ROUTINES, THE SOFTWARE INTERFACE TO THE MONITOR AND THE INTERRUPTS,		
100		INTERVAL TIMER CONTROL, ANALOG-DIGITAL CONVERTERS, SENSE LINES, LOGIC LEVEL OUTPUT LINES, ANALOG MODE		
110		CONTROL, ANALOG POTENTIOMETER SETTING, ANALOG VALUE SCANNING, AND ADIOS CONTROL. A FULL SET OF OPERATOR		
120		AND HARDWARE ERROR DIAGNOSTICS ARE PROVIDED AT RUN TIME.		
B3860797	000	AA 9300	NORTH AMERICAN HYBRID INTERFACE TEST	D VM
010	AUTHOR	XEROX		
020		860797-11A00	DESCRIPTION PRINTED	
030	ABSTRACT	THIS IS A DIAGNOSTIC PROGRAM TO CALIBRATE AND TEST THE ANALOG AND DIGITAL INTERFACE EQUIPMENT FOR THE		
040		NAA HYBRID SYSTEM		
050	COMMENTS	MINIMUM CONFIGURATION IS 24K 9300, CARD READER, TELETYPE, AND SPECIAL SYSTEM INTERFACE HARDWARE (AS		
060		DESIGNED FOR THE NAA HYBRID SYSTEM		
B3860798	000	AA 9300	NORTH AMERICAN AVIATION HYBRID EXECUTIVE	P VM
010	AUTHOR	XEROX		
020		860798-11A00	DESCRIPTION PRINTED	
030		860798-24A00	RELOCATABLE BINARY CARDS	
040		860798-34A00 *	SOURCE CARDS	
050	ABSTRACT	THE HYBRID EXECUTIVE CONSISTS OF A NUMBER OF SUBROUTINES WHICH PROVIDE THE FORTRAN USER CONTROL OF THE		
060		HYBRID SYSTEM HARDWARE.		
070	COMMENTS	THE ROUTINES MAY BE CALLED FROM A REAL-TIME FORTRAN IV PROGRAM OR MADE TO RESPOND TO MANUAL COMMAND. THE		
080		ROUTINES ARE WRITTEN FOR A 9300 COMPUTER WITH SPECIAL HYBRID INTERFACE FOR NAA.		

B3860799	000	AA 9300	NAA DES-1 HYBRID CALL LIBRARY	P VM
	010	AUTHOR	XEROX	
	020		860799-11A00 DESCRIPTION PRINTED	
	030		860799-24A00 RELOCATABLE BINARY CARDS	
	040		860799-34A00 * SOURCE CARDS	
	050	ABSTRACT	THE DES-1 HYBRID CALL LIBRARY CONSISTS OF A NUMBER OF SUBROUTINES WHICH PROVIDE THE DES-1 USER CONTROL	
	060		OF THE HYBRID SYSTEM HARDWARE.	
	070	COMMENTS	THE ROUTINES MAY BE CALLED FROM A DES-1 PROGRAM. THE ROUTINES ARE WRITTEN FOR A 9300 COMPUTER WITH	
	080		DES-1 AND SPECIAL HYBRID INTERFACE HARDWARE FOR NAA.	
B3860800	000	AA 9300	INTER-COMPUTER COUPLER TEST	D VM
	010	AUTHOR	XEROX	
	020		860800-11A00 DESCRIPTION PRINTED	
	030		860800-34A00 * SOURCE CARDS	
	040	ABSTRACT	THIS PROGRAM EXERCISES THE CCE-25 INTER-COMPUTER COUPLER WHEN IT IS CONNECTED BETWEEN TWO 9300	
	050		COMPUTERS.	
	060	COMMENTS	THE PROGRAM ALLOWS THE USER TO SPECIFY THE NUMBER OF CHARACTERS PER WORD, THE IMCC TO BE USED, THE SEND	
	070		INTERRUPT MEMORY LOCATION TO BE USED, THE RECEIVE INTERRUPT MEMORY LOCATION TO BE USED AND THE DATA TO	
	080		BE TRANSFERRED.	
B3860803	000	AA 9300	SYMBOL BOOTSTRAP	P VM
	010	AUTHOR	XEROX	
	020		860803-24A00 860530-85 RELOCATABLE BINARY CARDS	
	030		860803-44A00 860530-45 COMPRESSED CARDS	
	040	ABSTRACT	LOAD SYMBOL LOADER FROM SYSTEM TAPE.	
B3861000	000	AC 9300	REAL-TIME MONITOR	P VM
	010	AUTHOR	XEROX	
	020		861000-11D00 DESCRIPTION PRINTED	
	030		861000-45D00 * COMPRESSED MAG TAPE, 7 CHANNELS	
	040		861000-74D00 TEST DECK	
	050	ABSTRACT	THE REAL TIME MONITOR IS A COMPREHENSIVE SYSTEM FOR MONITORING AND CONTROLLING ASSEMBLIES, COMPILATIONS	
	060		AND OTHER PROGRAM OPERATIONS IN A REENTRANT, ONLINE REAL-TIME MODE.	
B3861076	000	AA 9300	USNPGS HYBRID INTERFACE TEST	D VM
	010	AUTHOR	XEROX	
	020		861076-11A00 DESCRIPTION PRINTED	
	030		861076-44A00 * COMPRESSED CARDS	

040		861076-84A00	ABSOLUTE BINARY CARDS	
050	ABSTRACT	THE USNPGS HYBRID INTERFACE TEST PROGRAM IS DESIGNED TO CALIBRATE AND TEST THE HYBRID INTERFACE		
060		EQUIPMENT.		
070	COMMENTS	THE USNPGS HYBRID SYSTEM CONSISTS OF AN XDS 9300 DIGITAL COMPUTER INTERFACED WITH A CI 5000 ANALOG		
080		COMPUTER. THE INTERFACE TEST PROGRAM INCLUDES CLOSED LOOP STATISTICAL COMPUTATIONS FOR TESTING A-D, D-A		
090		CONVERTERS, TESTS FOR INTERRUPT PROCESSING, MODE CONTROL, LOGIC LINE CONTROL, DVM READOUT, POT SETTING, AND		
100		REAL-TIME CLOCK CONTROL. THE INTERFACE TEST IS A STAND-ALONE PROGRAM AVAILABLE ON BINARY CARDS WHICH CAN		
110		BE FILLED INTO MEMORY BY USING THE ONE OR TWO CARD BINARY LOADER.		
B3861077	000	AA 9300	USNPGS DISPLAY TEST PROGRAM	D VM
	010	AUTHOR	XEROX	
	020		861077-11A00	DESCRIPTION PRINTED
	030		861077-24A00	RELOCATABLE BINARY CARDS
	040		861077-44A00 *	COMPRESSED CARDS
	050	ABSTRACT	THE USNPGS DISPLAY TEST PROGRAM PROVIDES FOR OPERATOR SELECTION OF TEST PATTERNS AND DISPLAY FUNCTIONS	
	060		FOR TESTING, ADJUSTING, AND DEMONSTRATING THE TWO TASKER DISPLAYS AND DISPLAY INTERFACE HARDWARE.	
	070	COMMENTS	THE DISPLAY TEST IS A STAND-ALONE PROGRAM AVAILABLE ON BINARY CARDS. IT CAN BE LOADED BY USE OF THE	
	080		STANDARD FILL PROCEDURE WITH THE ONE OR TWO CARD BINARY PROGRAM LOADER. THE DISPLAY TEST PROGRAM	
	090		PROVIDES FOR TRANSMISSION OF 17 DIFFERENT TEST PATTERNS, AN END OF TRANSMISSION INTERRUPT TESTS	
	100		CHARACTER AND VECTOR PASTER GENERATION, LIGHT PEN USAGE, SCOPE KEYBOARD INPUT, AND FUNCTION PANEL INPUT.	
B3861078	000	AA 9300	USNPGS HYBRID EXECUTIVE LIBRARY	P VM
	010	AUTHOR	XEROX	
	020		861078-11A00	DESCRIPTION PRINTED
	030		861078-24A00	RELOCATABLE BINARY CARDS
	040		861078-44A00 *	COMPRESSED CARDS
	050	ABSTRACT	THE HYBRID EXECUTIVE LIBRARY CONSISTS OF A LARGE NUMBER OF SUBROUTINES WHICH PROVIDE USER CONTROL OF	
	060		HYBRID SYSTEM HARDWARE. THE EXECUTIVE FUNCTIONS MAY BE CALLED BY A REAL-TIME FORTRAN IV PROGRAM OR MADE	
	070		TO RESPOND TO MANUAL COMMANDS. INCLUDED IN THE LIBRARY ARE FACILITIES FOR INTERRUPT CONTROL, LOGIC LINES	
	080		OUTPUT, SENSE LINE TESTING, ANALOG POT SETTING, ANALOG VALUE SCANNING, ANALOG TO DIGITAL AND DIGITAL TO	
	090		ANALOG CONVERTER CONTROL, AND HYBRID SYSTEM MODE CONTROL.	
	100	COMMENTS	THE HYBRID EXECUTIVE LIBRARY IS DESIGNED TO OPERATE UNDER THE XDS 9300 REAL-TIME MONITOR SYSTEM. THE	
	110		SUBROUTINES IN THE HYBRID EXECUTIVE LIBRARY ARE REENTRANT AND CODED IN XDS 9300 META-SYMBOL. THE USNPGS	
	120		HYBRID SYSTEM INCLUDES AN XDS 9300 COMPUTER INTERFACED WITH A CI5000 ANALOG COMPUTER	
B3861079	000	AA 9300	USNPGS DISPLAY EXECUTIVE LIBRARY	P VM
	010	AUTHOR	XEROX	
	020		861079-11A00	DESCRIPTION PRINTED
	030		861079-24A00	RELOCATABLE BINARY CARDS

040 861079-44A00 * COMPRESSED CARDS
 050 ABSTRACT THE USNPGS DISPLAY EXECUTIVE LIBRARY CONSISTS OF A SET OF SUBROUTINES AND INTERRUPT PROCESSORS WHICH
 060 PROVIDE USER CONTROL OF ALL DISPLAY FUNCTIONS.
 070 COMMENTS THE DISPLAY EXECUTIVE LIBRARY, CODED IN META-SYMBOL, IS CALLABLE FROM META-SYMBOL AS WELL AS FORTRAN IV.
 080 THE DISPLAY EXECUTIVE OPERATES UNDER THE 9300 RTA SYSTEM AND REQUIRES THE REAL-TIME FORTRAN IV LIBRARY.
 090 FUNCTIONS PROVIDED BY THE DISPLAY EXECUTIVE INCLUDE: INITIATION OF OUTPUT SEQUENCE, CHARACTER AND VECTOR
 100 GENERATION, EDITING FUNCTIONS, DISPLAY BUFFER MANAGEMENT, CHARACTER AND VECTOR RASTER GENERATION,
 110 PROGRAM AS WELL AS OPERATOR CONTROL OF DISPLAY FUNCTIONS, A VARIETY OF INPUT SOURCES FOR DISPLAY DATA,
 120 THE ABILITY TO PERFORM THESE FUNCTIONS ON EITHER OF TWO DISPLAY

B3861082 000 AA 9300 RAD TO MAGNETIC TAPE DUMP P VM
 010 AUTHOR XEROX
 020 861082-11A00 DESCRIPTION PRINTED
 030 861082-24A00 RELOCATABLE BINARY CARDS
 040 861082-34A00 * SOURCE CARDS
 050 ABSTRACT RAD-TO-TAPE DUMP WHICH ALLOWS USER TO SPECIFY RAD CHANNEL AND TAPE CHANNEL AND A RAD SIZE OF EITHER 1/2
 060 MILLION, 1 MILLION, OR 2 MILLION CHARACTERS. THE TAPE PRODUCED MAY THEN HAVE ITS CONTENTS PLACED BACK ON
 070 THE RAD BY EXECUTING A TAPE FILL PROCEDURE.

B3861083 000 AA 9300 SYMBOL ASSEMBLER (COVER) P MM
 010 AUTHOR XEROX
 020 861083-11A00 900687 DESCRIPTION PRINTED
 030 861083-45A00 860530-45 COMPRESSED MAG TAPE, 7 CHANNELS
 040 861083-85A00 860530-85 ABSOLUTE BINARY MAG TAPE, 7 CHANNELS
 050 ABSTRACT THIS IS THE COVER NUMBER FOR THE SYMBOL ASSEMBLER UNDER 9300 MONARCH SYSTEM, CAT. NO. 860530. ROUTINES
 060 UNDER THIS COVER INCLUDE: 860547-SYMBOL LOADER, 860548-SYMBOL PSI, 860549-SYMBOL CSI, 860550-SYMBOL MSI,
 070 860551-SYMBOL PBO, 860552-SYMBOL CBO, 860553-SYMBOL MBO, 860554-SYMBOL TLO, 860555-SYMBOL LLO, 860556-
 080 SYMBOL MLO, 860557-SYMBOL S1, 860558-SYMBOL S2, 860559-SYMBOL S3, 860560-SYMBOL M910, 860561-SYMBOL
 090 M920, 860562-SYMBOL M9300.

B3861084 000 AA 9300 USNPGS DISPLAY SUBSYSTEM P VM
 010 AUTHOR XEROX
 020 861084-11A00 DESCRIPTION PRINTED
 030 861084-24A00 RELOCATABLE BINARY CARDS
 040 861084-44A00 * COMPRESSED CARDS
 050 ABSTRACT THESE PROGRAMS ALLOW OPERATION OF TWO AGT/10 GRAPHIC DISPLAY SUBSYSTEMS IN CONJUNCTION WITH AN XDS
 060 9300. THEY ALLOW THE AGT/10S TO READ TAPES FROM THE 9300 TAPE DRIVES. THEY ALSO ALLOW THE USER TO OUTPUT
 070 CONTROL INFORMATION AND TO INPUT AND OUTPUT TEXT AND GRAPHIC BLOCKS TO THE AGT/10S.
 080 COMMENTS HARDWARE REQUIREMENTS: AN XDS 9300-ADAGE AGT110 COMPUTER SYSTEM, TWO TAPE DRIVES AND VERSION B01 OF THE

	090		9300 REAL-TIME MONITOR ARE REQUIRED	
B3861085	000	AA 9300	FORTRAN IV LIBRARY 9RDDISC,9WRDISC	P VM
	010	AUTHOR	XEROX	
	020		861085-11A00 901107 DESCRIPTION PRINTED	
	030		861085-24A00 RELOCATABLE BINARY CARDS	
	040		861085-44A00 * COMPRESSED CARDS	
	050	ABSTRACT	THESE ROUTINES IMPLEMENT THE READ DISK, WRITE DISK STATEMENTS OF FORTRAN IV FOR THE REAL TIME MONITOR.	
	060		(SEE FORTRAN IV REF MANUAL PAGE 69).	
	070	COMMENTS	A BINARY UPDATE PACKAGE (CAT. NO. 861000-64C01) IS AVAILABLE TO UPDATE THE REAL-TIME MONITOR SYSGEN TAPE	
	080		(CAT. NO. 861000-85C00). IT CONTAINS, IN ADDITION TO 9RDDISC, VERSIONS OF R*RECUR, 9WRDATA, 9GETBUFF,	
	090		AND M*DDIO THAT HAVE BEEN UPDATED TO ACCOMMODATE 9RDDISC.	
	100		NOTE ALSO THAT THE SPELLING OF THE WORD DISK IN THE FORTRAN REF. MANUAL (901107) IS NOT CORRECT. THE	
	110		CORRECT SPELLING IS D I S K , FOR EXAMPLE, READ DISK.	
B3870000	000	AA 940	EXAMINER DIAGNOSTIC SYSTEM (COVER)	D VM
	010	AUTHOR	XEROX	
	020		870000-11A00 900634 DESCRIPTION PRINTED	
	030		870000-84A00 ABSOLUTE BINARY CARDS	
	040		900634 XDS 940 COMPUTER DIAGNOSTIC SYSTEM TECHNICAL MANUAL	
	050	ABSTRACT	THE 940 COMPUTER DIAGNOSTIC SYSTEM USES THE SAME TECHNIQUES AS THE 930 COMPUTER EXAMINER WHEREVER	
	060		POSSIBLE, AND IT ENABLES AN OPERATOR TO EXERCISE AND DIAGNOSE THAT PORTION OF CORE MEMORY NOT REACHED BY	
	070		THE 930 EXAMINER AND ALL FEATURES OF THE 940 MAIN-FRAME LOGIC NOT COMMON TO THE 930.	
	080	COMMENTS	THIS PROGRAM INCLUDES: 860001, 860002, 860003, 860004, MEMORY ACCESS, MEMORY DIAGNOSTIC, INSTRUCTION	
	090		DIAGNOSTIC AND INTERRUPT DIAGNOSTIC PROGRAMS. SEE MANUAL 900634, XDS 940 COMPUTER DIAGNOSTIC SYSTEM	
	100		TECHNICAL MANUAL. SIZE: 16384 DECIMAL.	
B3870001	000	AA 940	MEMORY ACCESS DIAGNOSTIC PROGRAM	D VM
	010	AUTHOR	XEROX	
	020		870001-11A00 900634 DESCRIPTION PRINTED	
	030		870001-84A00 870000-84 ABSOLUTE BINARY CARDS	
	040		900634 XDS 940 COMPUTER DIAGNOSTIC SYSTEM TECHNICAL MANUAL	
	050	ABSTRACT	TO DETECT AND ISOLATE PROBLEMS IN THE MEMORY RELABELING LOGIC.	
	060	COMMENTS	SIZE: 16384 DECIMAL. THIS PROGRAM IS PART OF MODEL NO. 870000 XDS 940 EXAMINER DIAGNOSTIC SYSTEM	
	070		(COVER). SEE MANUAL 900634, XDS 940 COMPUTER DIAGNOSTIC SYSTEM TECHNICAL MANUAL.	
B3870002	000	AA 940	MEMORY DIAGNOSTIC PROGRAM	D VM
	010	AUTHOR	XEROX	
	020		870002-11A00 900634 DESCRIPTION PRINTED	

030 870002-84A00 870000-84 ABSOLUTE BINARY CARDS
 040 900634 XDS 940 COMPUTER DIAGNOSTIC SYSTEM TECHNICAL MANUAL
 050 ABSTRACT TO EXERCISE MEMORY WITH A CHECKERBOARD WORD PATTERN, MONITOR MEMORY FOR ERRORS, AND AID IN DIAGNOSING
 060 MEMORY FAILURE.
 070 COMMENTS SIZE: 16384 DECIMAL. THIS PROGRAM IS PART OF MODEL NO. 870000 XDS 940 EXAMINER DIAGNOSTIC SYSTEM
 080 (COVER). SEE MANUAL 900634, XDS 940 COMPUTER DIAGNOSTIC SYSTEM TECHNICAL MANUAL.

B3870003 000 AA 940 INSTRUCTION DIAGNOSTIC PROGRAM D VM
 010 AUTHOR XEROX
 020 870003-11A00 900634 DESCRIPTION PRINTED
 030 870003-84A00 870000-84 ABSOLUTE BINARY CARDS
 040 900634 XDS 940 COMPUTER DIAGNOSTIC SYSTEM TECHNICAL MANUAL
 050 ABSTRACT TO AID IN DETERMINING AND ISOLATING FAULTS IN THE 940 INSTRUCTION LOGIC.
 060 COMMENTS SIZE: 16384 DECIMAL. THIS PROGRAM IS PART OF MODEL NO. 870000 XDS 940 EXAMINER DIAGNOSTIC SYSTEM
 070 (COVER). SEE MANUAL 900634, XDS 940 COMPUTER DIAGNOSTIC SYSTEM TECHNICAL MANUAL.

B3870004 000 AA 940 INTERRUPT DIAGNOSTIC PROGRAM D VM
 010 AUTHOR XEROX
 020 870004-11A00 900634 DESCRIPTION PRINTED
 030 870004-84A00 870000-84 ABSOLUTE BINARY CARDS
 040 900634 XDS 940 COMPUTER DIAGNOSTIC SYSTEM TECHNICAL MANUAL
 050 ABSTRACT TO DETECT AND ISOLATE PROBLEMS IN THE 940 INTERRUPT LOGIC.
 060 COMMENTS SIZE: 16384 DECIMAL. THIS PROGRAM IS PART OF MODEL NO. 870000 XDS 940 EXAMINER DIAGNOSTIC SYSTEM
 070 (COVER). SEE MANUAL 900634, XDS 940 COMPUTER DIAGNOSTIC SYSTEM TECHNICAL MANUAL.

B3870006 000 AA 940 MEMORY ADDRESS TEST D VM
 010 AUTHOR XEROX
 020 870006-11B00 DESCRIPTION PRINTED
 030 870006-84A00 ABSOLUTE BINARY CARDS
 040 ABSTRACT THE PROGRAM PERFORMS MEMORY ACCESSES AND CHECKS FROM THE CPU TO THE MEMORY OF A 940 COMPUTER. THE
 050 ACCESSES ARE MADE THROUGH RELABELING BYTES R0 - R7 AND M6 - M7. IN ADDITION LOCATIONS 4000 - 17777 OCTAL
 060 ARE ACCESSED DIRECTLY. READ ONLY AND OUT OF BOUNDS TRAPS ARE CHECKED THROUGH ALL RELABELING BYTES.
 070 COMMENTS THE PROGRAM WILL OPERATE ON ANY 940 COMPUTER WITH 48K OR 64K MEMORY WORDS AND EITHER PAPER TAPE OR CARD
 080 READER FACILITIES. THE PROGRAM REQUIRES THAT THE 940 INSTRUCTION DIAGNOSTIC OPERATES CORRECTLY. CONTROL
 090 OF THE PROGRAM IS THROUGH THE CONTROL CONSOLE.

B3870007 000 AA 940 940 DISC EXERCISER DIAGNOSTIC D VM
 010 AUTHOR XEROX
 020 870007-11A00 DESCRIPTION PRINTED

030 870007-84A00 ABSOLUTE BINARY CARDS
 040 ABSTRACT THE PROGRAM EXERCISES THE DISC UNIT ON A RANDOM BASIS WITHIN THE AREA OF DISC AND CORE SPECIFIED BY THE
 050 USER. THE TEST ISSUES A SET OF DISC I/O COMMANDS WHICH ARE IN A SEEK AND WRITE SEEK AND SEEK AND READ
 060 SEQUENCE. THE DUMMY SEEK IS INSERTED TO MAXIMIZE THE ARM POSITIONING FUNCTION. THE TEST HAS A SEEK/
 070 SEARCH RECOVERY THAT MOVES THE ARM TO THE ADJACENT TRACK BEFORE ATTEMPTING TO RECOVER. TWO CONSECUTIVE
 080 SEEK/SEARCH ERROR ON THE SAME DISC ADDRESS IS DEFINED TO BE A NON-RECOVERABLE ERROR.
 090 COMMENTS THE PROGRAM WILL OPERATE ON ANY 940 COMPUTER WITH A CARD READER OR PAPER TAPE READER.

B3870008 000 AA 940 940 RAD DIAGNOSTIC EXERCISER D VM
 010 AUTHOR XEROX
 020 870008-11A00 DESCRIPTION PRINTED
 030 870008-44A00 COMPRESSED CARDS
 040 870008-84A00 ABSOLUTE BINARY CARDS
 050 ABSTRACT THIS PROGRAM TESTS RAD CAPABILITY. RANDOM CONFIGURATIONS OF DATA AND FUNCTIONS ARE GENERATED. ERROR
 060 OUTPUTS ARE LISTED ON THE CONSOLE TYPWRITER. CONTROL PARAMETERS ARE ALSO VARIABLE. A DETAILED ABSTRACT
 070 IS PRINTED AT LOAD TIME. THE PROGRAM IS TOTALLY INDEPENDENT INCLUDING FILL.
 080 COMMENTS TWO BUFFER AREAS ARE USED FOR INPUT AND OUTPUT TO THE RAD. BOTH BUFFERS ARE SETUP BEFORE THE RAD IS
 090 DRIVEN. THIS NECESSARY TO CHECK THE "EARLY WORD" INTERRUPT OPTION. ALL ERROR MESSAGE AND PARAMETER
 100 OPTIONS ARE TRANSMITTED TO THE CONSOLE TYPWRITER READ DATA IS CHECKED AGAINST A KNOWN PATTERN. THE
 110 ENTIRE SELECTED RAD AREA IS INITIALIZED WITH CONSTANT DATA. CONTROL THEN RANDOMLY SELECTS A RAD STARTING
 120 ADDRESS, BLOCKS SIZE, AND READ OR WRITE OPTION. THE MAXIMUM BLOCK SIZE WHICH CAN BE HANDLED IS 12K
 130 WORDS. THIS IS EQUAL TO THREE RAD BANDS. BREAKPOINT CONTROL IS DISCUSSED UNDER METHODS. PROGRAM IS
 140 LOADED USING THE ONE CARD LOADER, CATALOG NUMBER 850648.

B3870009 000 AB 940 940 TIME-SHARING SYSTEM DISC DUMP P VM
 010 AUTHOR XEROX
 020 870009-85B00 ABSOLUTE BINARY MAG TAPE, 7 CHANNELS
 030 901118 XDS 940 TERMINAL USER'S GUIDE
 040 901116 TECHNICAL MANUAL FOR 940 TIME SHARING COMPUTER SYSTEM
 050 ABSTRACT THE DUMP HAS ALL THE CURRENT MONITOR, EXECUTIVE, UTILITIES PROGRAMS, AND SUBSYSTEMS FILES IN BINARY AND
 060 SYMBOLIC. ALSO THERE ARE DESCRIPTIVE FILES ON : 1. MODIFYING 2. PERIPHERALS 3. SYSTEM MAKE 4. NEW
 070 FEATURES 5. DISC FILES 6. RELEASE
 080 COMMENTS AVAILABLE ON TWO TAPE REELS. NOTE: AN ADDITIONAL MINI-REEL IS REQUIRED FOR THE DISC DUMP/LOAD-2.0 AND
 090 DISC SWAP-2.0

B3870010 000 AB 940 940 WRITE SUBSYSTEMS ON RAD (WSD) P VM
 010 AUTHOR XEROX
 020 870010-34B00 870026-35 SOURCE CARDS
 030 901116 TECHNICAL MANUAL FOR 940 TIME SHARING COMPUTER SYSTEM

	040	ABSTRACT	THIS PROGRAM TRANSFERS THE SUBSYSTEMS FROM DISC FILES TO THE RAD.	
	050	COMMENTS	INCLUDED WITH THE SYMBOLIC FILE IS A DETAILED DESCRIPTION FOR GENERATING THIS PROGRAM.	
B3870011	000	AB 940	940 OPERATOR'S EXECUTIVE	P VM
	010	AUTHOR	XEROX	
	020		870011-34B00 870026-35 SOURCE CARDS	
	030		901116 TECHNICAL MANUAL FOR 940 TIME SHARING COMPUTER SYSTEM	
	040	ABSTRACT	THE OPERATOR'S EXECUTIVE IS COMPOSED OF TWO PARTS: (1) A CONSTANTS AND PART ONE, (2) COMMANDS AND PART TWO	
	050		THIS PROGRAM IS USED TO VALIDATE ACCOUNTS, PASSWORDS, USER NUMBERS, LEGAL LOG-IN TIMES, BROADCAST	
	060		LETTERS, COPY ACCOUNTING DATA TO A FILE, AND COMMANDS THAT ONLY THE OPERATOR CAN ACCESS. THE COMMAND	
	070		'HELP' WILL LIST THE ENTIRE AVAILABLE COMMANDS.	
	080	COMMENTS	THIS PACKAGE CONTAINS ALL SYMBOLIC AND BINARY FILES NECESSARY FOR THE GENERATION OF OPERATOR'S	
	090		EXECUTIVE. INCLUDED IS A DETAILED DESCRIPTION OF THE GENERATION PROCEDURE. NOTE: THIS PROGRAM IS	
	100		REQUIRED AS PART OF THE OPERATING SYSTEM. CHANGES IN OPERATION OF THE MONITOR AND EXECUTIVE CAN CAUSE	
	110		THIS PROGRAM TO FAIL.	
B3870012	000	AB 940	940 MAP DISC	P VM
	010	AUTHOR	XEROX	
	020		870012-34B00 870026-35 SOURCE CARDS	
	030		901116 TECHNICAL MANUAL FOR 940 TIME SHARING COMPUTER SYSTEM	
	040	ABSTRACT	MAP DISC IS RESPONSIBLE FOR CLEARING THE RESIDENT BIT MAP FOR ALL DATA BLOCKS WHICH EXIST ON THE DISC	
	050		AND ARE IN THE MAPPED AREA. THIS AREA IS ONLY ONE FOURTH OF THE DISC. THE PROGRAM READS FILE INDEX	
	060		BLOCKS AND CHECKS FOR POINTERS INTO THE MAPPED AREA. IF ONE IS FOUND, THE PROGRAM WILL REQUEST THE	
	070		MONITOR TO CLEAR ONE BIT IN THE BIT MAP. CONFLICTS ARE PRINTED AND THE FINAL PHASE WILL DELETE A FILE	
	080		INDEX BLOCK.	
	090	COMMENTS	A DETAILED GENERATION PROCEDURE IS INCLUDED WITH THE BINARY AND SYMBOLIC FILES. THERE ARE THREE SYMBOLIC	
	100		FILES AND FIVE BINARY FILES IN THIS PACKAGE	
B3870013	000	AB 940	DISC SWAP	P VM
	010	AUTHOR	XEROX	
	020		901116 TECHNICAL MANUAL FOR 940 TIME SHARING COMPUTER SYSTEM	
	030	ABSTRACT	THIS PROGRAM WILL COPY THE MONITOR INTO MEMORY. USE OF BREAKPOINTS 2-4 DETERMINE WHAT DISC WILL BE USED	
	040		TO COPY FROM. BREAKPOINT 1 IS NOW USED TO SELECT EITHER 64K OR 48K AS THE MEMORY SIZE.	
	050	COMMENTS	A UTILITY TAPE IS THE COPY WHICH WILL BE SENT ON REQUEST. NOTE: DISC DUMP/LOAD IS INCLUDED AS PART OF	
	060		THE UTILITY TAPE.	
B3870014	000	AB 940	940 DISC DUMP/LOAD	P VM
	010	AUTHOR	XEROX	
	020		901116 TECHNICAL MANUAL FOR 940 TIME SHARING COMPUTER SYSTEM	

030 ABSTRACT THIS PROGRAM WILL EITHER COPY DATA FROM THE DISC TO MAGNETIC TAPE OR COPY DATA FROM MAGNETIC TAPE TO
 040 DISC. THIS PROGRAM IS DELIVERED ON A UTILITY TAPE REEL IN A STANDARD FILL FORM. NOTE: ALSO INCLUDED IS
 050 DSWAP (DISC DUMP/LOAD)
 060 COMMENTS A DETAILED GENERATION DESCRIPTION FILE IS INCLUDED WITH THE BINARY AND SYMBOLIC FILES.

B3870016 000 AB 940 940 TIME-SHARING SYSTEM EXECUTIVE P VM
 010 AUTHOR XEROX
 020 870016-34800 870026-35 SOURCE CARDS
 030 901116 TECHNICAL MANUAL FOR 940 TIME SHARING COMPUTER SYSTEM

040 ABSTRACT THE EXECUTIVE IS THE INTERFACE BETWEEN THE 940 TIME-SHARING SYSTEM MONITOR AND THE 940 TERMINAL USER.
 050 THE EXECUTIVE IS RESPONSIBLE FOR USER IDENTIFICATION, MAINTENANCE OF USER FILE DIRECTORIES, SUPERVISION
 060 OF THE USE OF THE SYSTEM VIA LIMITING ACCESS TO COMMANDS WHICH REQUIRE SPECIAL STATUS. THE EXECUTIVE
 070 CONSISTS OF SIX PACKAGES WHICH, WHEN PROPERLY ASSEMBLED AND LOADED PERFORM ALL OF THE EXECUTIVE
 080 FUNCTIONS OF THE 940 TIME-SHARING SYSTEM
 090 COMMENTS THE EXECUTIVE AND THE MONITOR OF THE 940 TIME-SHARING SYSTEM INTERACT IN SUCH A MANNER THAT CHANGES IN
 100 ONE MAY REQUIRE CHANGES IN THE OTHER AND OFTEN REQUIRE AT LEAST THAT BOTH THE MONITOR AND EXECUTIVE
 110 SHALL BE REGENERATED.

B3870017 000 AB 940 940 TIME SHARING SYSTEM MONITOR P VM
 010 AUTHOR XEROX
 020 870017-34800 870026-35 SOURCE CARDS
 030 901116 TECHNICAL MANUAL FOR 940 TIME SHARING COMPUTER SYSTEM

040 ABSTRACT THE MONITOR IS THE SUPERVISOR OF THE USE OF ALL SYSTEM RESOURCES. IT IS RESPONSIBLE FOR SCHEDULING THE
 050 USE OF THE CPU, MEMORY MANAGEMENT, I/O DEVICE MANAGEMENT, ALL INTERRUPT PROCESSING, TELETYPE I/O
 060 SUPERVISION AND A VARIETY OF USER SERVICES. THE MONITOR CONSISTS OF FOURTEEN PACKAGES WHICH WHEN
 070 PROPERLY ASSEMBLED AND LOADED PERFORM ALL OF THE MONITOR FUNCTIONS OF THE 940 TIME-SHARING SYSTEM.
 080 COMMENTS THE MONITOR AND EXECUTIVE OF THE 940 TIME-SHARING SYSTEM INTERACT IN SUCH A MANNER THAT CHANGES IN ONE
 090 MAY REQUIRE CHANGES IN THE OTHER AND OFTEN REQUIRE AT LEAST THAT BOTH THE MONITOR AND EXECUTIVE SHALL BE
 100 REGENERATED.

B3870018 000 AB 940 940 TAP P VM
 010 AUTHOR XEROX
 020 901117 XDS 940 TAP REFERENCE MANUAL
 030 901116 TECHNICAL MANUAL FOR 940 TIME SHARING COMPUTER SYSTEM

040 ABSTRACT 940 TAP IS A TWO PASS TEXT-ORIENTED MACRO ASSEMBLER FEATURING A WIDE RANGE OF CONDITIONAL AND ITERATIVE
 050 CAPABILITIES, TOGETHER WITH EXTERNAL LABEL AND OPERATION DEFINITIONS. PARAMETRIC PROGRAMMING CAPACITY IS
 060 FURTHER ENHANCED BY NO RESTRICTIONS BEING PLACED UPON THE RECURSIVE INVOCATION AND DEFINITION OF MACROS.
 070 TWO FORMS OF OBJECT CODE ARE AVAILABLE: (1) FULLY RELOCATABLE, COMPLETE WITH SYMBOL TABLE FOR INPUT TO
 080 DDT; (2) ABSOLUTE SELF-FILLING BINARY.

090 COMMENTS THIS PACKAGE CONTAINS ALL SYMBOLIC FILES NECESSARY FOR THE GENERATION OF 940 TAP, INCLUDING A DETAILED
100 DESCRIPTION OF THE GENERATION PROCEDURE, WHICH IS GIVEN IN THE SYMBOLIC FILE /TAP-N.0/.

B3870019 000 AB 940 940 QED P VM
010 AUTHOR XEROX
020 901116 TECHNICAL MANUAL FOR 940 TIME SHARING COMPUTER SYSTEM
030 901112 XDS 940 QED REFERENCE MANUAL
040 ABSTRACT 940 QED IS A SOPHISTICATED TEXT EDITOR WHICH ALLOWS ANY SYMBOLIC FILE IN THE 940 SYSTEM TO BE QUICKLY
050 EDITED.
060 COMMENTS THIS PACKAGE CONTAINS ALL SYMBOLIC FILES NECESSARY FOR THE GENERATION OF 940 QED, INCLUDING A DETAILED
070 DESCRIPTION OF THE GENERATION PROCEDURE, WHICH IS GIVEN IN THE SYMBOLIC FILE /QED-N.0/.

B3870020 000 AB 940 940 FORTRAN II COMPILER P VM
010 AUTHOR XEROX
020 901110 FORTRAN II REFERENCE MANUAL FOR XDS 940
030 TIME SHARING COMPUTER SYSTEMS,
040 901116 TECHNICAL MANUAL FOR 940 TIME SHARING COMPUTER SYSTEM
050 ABSTRACT 940 FORTRAN II IS COMPOSED OF THREE PARTS:(1) A COMPILER, WHICH TRANSLATES PROGRAMS WRITTEN IN AN
060 EXTENDED FORTRAN II SYNTAX INCORPORATING MANY FORTRAN IV FEATURES, SUCH AS N-DIMENSIONAL ARRAYS,
070 GENERALIZED SUBSCRIPT FORMATION, AND MIXED-MODE EXPRESSIONS; (2) A RUN-TIME SYSTEM, CONSISTING OF
080 RESIDENT PROGRAMMED OPERATORS AND SERVICE ROUTINES, TOGETHER WITH AN OPTIONALLY LOADED DEBUG AID; (3) A
090 LIBRARY WHOSE ENTRIES ARE CONDITIONALLY LOADED DEPENDING ON THE NEEDS OF THE USER PROGRAM. THE
100 PROCESSOR RUNS ONLY UNDER ISS-2.0 MONITOR.
110 COMMENTS THE GENERATION PROCEDURE IS GIVEN IN THE SYMBOLIC FILE /FII-N.0/.

B3870021 000 AB 940 940 DDT P VM
010 AUTHOR XEROX
020 901113 XDS 940 DDT REFERENCE MANUAL
030 901116 TECHNICAL MANUAL FOR 940 TIME SHARING COMPUTER SYSTEM
040 ABSTRACT 940 DDT IS A HIGHLY INTERACTIVE DEBUGGING TOOL, COUPLED WITH A SOPHISTICATED LOADER, HAVING THE
050 FOLLOWING FEATURES: (1) BREAKPOINTING WHICH ALLOWS THE USER TO INSPECT THE CONDITION OF HIS PROGRAM AT
060 STRATEGIC POINTS AND INTERVALS; (2) BLOCK STRUCTURE MANIPULATION OF SETS OF SYMBOLS BELONGING TO
070 LOGICALLY SEPARATE PROGRAMS; (3) LIMITED ASSEMBLY AND, OPTIONALLY, IMMEDIATE EXECUTION OF INDIVIDUAL
080 INSTRUCTIONS; (4) ASSEMBLY, INSERTION, AND DELETION OF INSTRUCTIONS OR DATA; (5) A VARIETY OF SERVICE
090 FUNCTIONS SUCH AS WORD SEARCHES, RELABELING ALTERATION, CONDITIONAL SAVE AND LOAD OF SYMBOL TABLES, ETC.
100 COMMENTS THIS PACKAGE CONTAINS ALL SYMBOLIC FILES NECESSARY FOR THE GENERATION OF 940 DDT, INCLUDING A DETAILED
110 DESCRIPTION OF THE GENERATION PROCEDURE, WHICH IS GIVEN IN THE SYMBOLIC FILE /DDT-N.0/.

B3870022 000 AB 940 940 CONVERSATIONAL FORTRAN P VM

	010	AUTHOR	XEROX		
	020		870022-34B00 870025-35	SOURCE CARDS	
	030		870022-51B00 870025-55	LISTING PRINTED	
	040		870022-84B00 870025-85	ABSOLUTE BINARY CARDS	
	050		901115	FORTRAN IV REFERENCE MANUAL FOR XDS 940 TIME SHARING SYSTEM	
	060		901116	TECHNICAL MANUAL FOR 940 TIME SHARING COMPUTER SYSTEM	
	070	ABSTRACT	940 CONVERSATIONAL FORTRAN IS COMPOSED OF THREE PARTS: (1) AN INCREMENTAL COMPILER, WHICH ALLOWS THE		
	080		STATEMENT-BY-STATEMENT PREPARATION OF PROGRAMS WRITTEN IN A LANGUAGE CLOSELY RESEMBLING FORTRAN IV; (2)		
	090		A RUN-TIME SYSTEM, WHICH INTERPRETIVELY EXECUTES THE CODE GENERATED BY THE COMPILER; (3) A COMMAND		
	100		PROCESSOR, WHICH PERMITS INTERACTIVE CONTROL OF THE COMPILER AND RUN-TIME SYSTEM, PROVIDING EDIT, DEBUG,		
	110		AND DIRECT STATEMENT EXECUTION FACILITIES.		
	120	COMMENTS	THIS PACKAGE CONTAINS ALL SYMBOLIC FILES NECESSARY FOR THE GENERATION OF 940 CONVERSATIONAL FORTRAN,		
	130		INCLUDING A DETAILED DESCRIPTION OF THE GENERATION PROCEDURE, WHICH IS GIVEN IN THE SYMBOLIC FILE		
	140		/FOR-N.0/.		
B3870023	000	AB	940	940 CAL	P VM
	010	AUTHOR	XEROX		
	020		901114	XDS 940 CAL REFERENCE MANUAL	
	030		901116	TECHNICAL MANUAL FOR 940 TIME SHARING COMPUTER SYSTEM	
	040	ABSTRACT	XDS CAL IS COMPOSED OF TWO PARTS: (1) AN INCREMENTAL COMPILER AND EDITOR, WHICH ALLOWS THE STATEMENT BY		
	050		STATEMENT PREPARATION OF PROGRAMS WRITTEN IN AN ALGEBRAIC LANGUAGE CLOSELY RESEMBLING JOSS; (2) A		
	060		RUN-TIME SYSTEM, WHICH INTERPRETIVELY EXECUTES THE CODE GENERATED BY THE COMPILER, AND IN ADDITION		
	070		PERMITS THE IMMEDIATE COMPILATION AND EXECUTION OF STATEMENTS WHICH DO NOT BECOME PART OF THE RESIDENT		
	080		PROGRAM.		
	090	COMMENTS	THIS PACKAGE CONTAINS ALL SYMBOLIC FILES NECESSARY FOR THE GENERATION OF 940 CAL, INCLUDING A DETAILED		
	100		DESCRIPTION OF THE GENERATION PROCEDURE, WHICH IS GIVEN IN THE SYMBOLIC FILE /CAL-N.0/.		
B3870024	000	AB	940	940 BASIC	P VM
	010	AUTHOR	XEROX		
	020		901111	XDS 940 BASIC REFERENCE MANUAL	
	030		901116	TECHNICAL MANUAL FOR 940 TIME SHARING COMPUTER SYSTEM	
	040	ABSTRACT	940 BASIC IS COMPOSED OF TWO PARTS: (1) A COMPILER, WHICH TRANSLATES PROGRAMS WRITTEN IN A SIMPLE		
	050		ALGEBRAIC LANGUAGE ON A STATEMENT-BY-STATEMENT BASIS; (2) A RUN-TIME SYSTEM, WHICH CONTROLS EXECUTION OF		
	060		THE CODE GENERATED BY THE COMPILER, AND IN ADDITION PERMITS THE IMMEDIATE COMPILATION AND EXECUTION OF		
	070		STATEMENTS WHICH DO NOT BECOME PART OF THE RESIDENT PROGRAM.		
	080	COMMENTS	THIS PACKAGE CONTAINS ALL SYMBOLIC FILES NECESSARY FOR THE GENERATION OF 940 BASIC, INCLUDING A DETAILED		
	090		DESCRIPTION OF THE GENERATION PROCEDURE, WHICH IS GIVEN IN THE SYMBOLIC FILE /BAS-N.0/.		
B3870025	000	AB	940	940 TSS MONITOR, EXEC, AND PROCESSORS (CO	P VM

	010	AUTHOR	XEROX		
	020		870025-11800	DESCRIPTION PRINTED	
	030		901116	TECHNICAL MANUAL FOR 940 TIME SHARING COMPUTER SYSTEM	
	040	ABSTRACT	THIS IS A COVER NUMBER FOR ALL THE XDS 940 PROCESSORS, INCLUDING THE MONITOR AND EXECUTIVE. IT INCLUDES		
	050		THE FOLLOWING PROCESSORS AND UTILITIES: WFL-870019, DDT-870021, IAF-870018, BASIC-870024, CAL-870023,		
	060		FORTRAN II-870020, LIB-870027, FORTRAN II R/I-870028, CONVERS. FORTRAN-870022, WRITE SUBSYSTEMS-RAL-		
	070		870010, OPERATORS EXECUTIVE-870011, MAP DISC-870012, EXECUTIVE-870016, MONITOR-870017.		
B3870026	000	AA	940	940 TSS USERS UTILITY PROGRAMS	P VM
	010	AUTHOR	L. D. MCDANIEL - XDS		
	020		870026-11A00	DESCRIPTION PRINTED	
	030		870026-35A00 *	SOURCE MAG TAPE, 7 CHANNELS	
	040	ABSTRACT	SIXTY-ONE ROUTINES IN THE 940 FILES FORMAT. FILES ARE RETRIEVED USING MAGTAPE HANDLER. THE FOURTH FILE		
	050		IS THE INDEX TO UTILITY PROGRAMS.		
	060	COMMENTS	THE PROGRAMS ARE USED TO SOLVE RELATED PROBLEMS IN BUSINESS, SCIENCE, AND MATH. ADDITIONAL PROGRAMS		
	070		DEMONSTRATE 940 SUB-SYSTEMS.		
B3870027	000	AB	940	FORTAN II LIBRARY FOR THE XDS 940	P VM
	010	AUTHOR	XEROX		
	020		901110	FORTAN II REFERENCE MANUAL FOR XDS 940	
	030			TIME-SHARING COMPUTER SYSTEM	
	040		901142	XDS 940 FORTRAN II TECHNICAL NOTES	
	050	ABSTRACT	THIS IS A PART OF SDS940 FORTRAN II SYSTEM. IT CONSISTS OF LIBRARY ROUTINES WHICH ARE CONDITIONALLY		
	060		LOADED DEPENDING UPON THE NEEDS OF THE USER PROGRAMS.		
B3870028	000	AB	940	FORTAN II RUNTIME SYSTEM	P VM
	010	AUTHOR	XEROX		
	020		901110	FORTAN II REFERENCE MANUTEMS TIME-SHARING COMPUTER SYSTEMS	
	030		901142	XDS 940 FORTRAN II TECHNICAL NOTES	
	040	ABSTRACT	THIS IS A PART OF FORTRAN II 940 SYSTEM. IT CONSISTS OF RESIDENT PROGRAMMED OPERATORS AND SERVICE		
	050		ROUTINES, TOGETHER WITH AN OPTIONALLY LOADED DEBUG AID.		
B3870029	000	AA	940	OLDS3.0 CONTROL MONITOR	D VM
	010	AUTHOR	XEROX		
	020		870029-11A00 901591	DESCRIPTION PRINTED	
	030		870029-35A00 870042-35	SOURCE MAG TAPE, 7 CHANNELS	
	040	ABSTRACT	THIS IS THE CONTROL MONITOR NECESSARY TO CORRECTLY RUN THE 940 OLDS SYSTEM UNITS.		
B3870030	000	AA	940	UNIT 0 CPU TESTS 3.0	D VM

	010	AUTHOR	XEROX		
	020		870030-11A00 901591	DESCRIPTION PRINTED	
	030		870030-35A00 870042-35	SOURCE MAG TAPE, 7 CHANNELS	
	040		870030-51A00	LISTING PRINTED	
	050	ABSTRACT	THIS UNIT TESTS PRELIMINARY FUNCTION OF THE 940 TO ASSURE MINIMUM OPERATIONAL EFFICIENCY.		
	060	COMMENTS	UNIT 0 MUST BE RUN WITH THE OLDS CONTROL MONITOR		
B3870031	000	AA 940	UNIT 1 CPU EXERCISER 3.0		D VM
	010	AUTHOR	XEROX		
	020		870031-11A00 901591	DESCRIPTION PRINTED	
	030		870031-35A00 870042-35	SOURCE MAG TAPE, 7 CHANNELS	
	040	ABSTRACT	THIS UNIT TESTS ALL CPU FUNCTIONS INCLUDING ARITHMETIC, LOGICAL, AND INTERRUPTS.		
	050	COMMENTS	THIS UNIT MUST BE RUN WITH THE OLDS CONTROL MONITOR		
B3870032	000	AB 940	UNIT 2 FLOATING POINT TESTS 3.0		D VM
	010	AUTHOR	XEROX		
	020		870032-11B00 901591	DESCRIPTION PRINTED	
	030		870032-35B00 870042-35	SOURCE MAG TAPE, 7 CHANNELS	
	040	ABSTRACT	THIS UNIT TESTS THE OPERATION OF THE 94400 FLOATING POINT ARITHMETIC UNIT		
	050	COMMENTS	THIS PROGRAM MUST BE RUN WITH THE OLDS 3.0 CONTROL MONITOR		
B3870033	000	AA 940	UNIT 3 MEMORY TESTS FOR THE 2ND 16K 3.0		D VM
	010	AUTHOR	XEROX		
	020		870033-11A00 901591	DESCRIPTION PRINTED	
	030		870033-35A00 870042-35	SOURCE MAG TAPE, 7 CHANNELS	
	040	ABSTRACT	THIS UNIT RUNS A MEMORY DIAGNOSTIC FOR ADDRESSES 40000 TO 77777		
	050	COMMENTS	THIS UNIT MUST BE RUN WITH THE OLDS 3.0 CONTROL MONITOR		
B3870034	000	AA 940	UNIT 4 MEMORY TEST FOR THE 3RD 16K 3.0		D VM
	010	AUTHOR	XEROX		
	020		870034-11A00 901591	DESCRIPTION PRINTED	
	030		870034-35A00 870042-35	SOURCE MAG TAPE, 7 CHANNELS	
	040	ABSTRACT	THIS UNIT IS A MEMORY DIAGNOSTIC FOR ADDRESSES 100000 TO 13777		
	050	COMMENTS	THIS UNIT MUST BE RUN WITH THE OLDS 3.0 CONTROL MONITOR		
B3870035	000	AA 940	UNIT 5 MEMORY TEST FOR THE 4TH 16K 3.0		D VM
	010	AUTHOR	XEROX		
	020		870035-11A00 901591	DESCRIPTION PRINTED	
	030		870035-35A00 870042-35	SOURCE MAG TAPE, 7 CHANNELS	

	040	ABSTRACT	THIS UNIT RUNS A DIAGNOSTIC FOR ADDRESSES 140000 TO 17777	
	050	COMMENTS	THIS UNIT MUST BE RUN WITH THE OLDS 3.0 CONTROL MONITOR	
B3870036	000	AB 940	UNIT 12 E CHANNEL RAD TEST 3.0	D VM
	010	AUTHOR	XEROX	
	020		870036-11B00 901591 DESCRIPTION PRINTED	
	030		870036-35B00 870042-35 SOURCE MAG TAPE, 7 CHANNELS	
	040	ABSTRACT	THIS UNIT RUNS A TEST FOR THE 9367 RAD ADDRESS 26,66 ON E CHANNEL	
	050	COMMENTS	THIS UNIT MUST BE RUN WITH THE OLDS 3.0 CONTROL MONITOR	
B3870037	000	AA 940	UNIT 15 W CHANNEL RAD TEST 3.0	D VM
	010	AUTHOR	XEROX	
	020		870037-11A00 901591 DESCRIPTION PRINTED	
	030		870037-35A00 870042-35 SOURCE MAG TAPE, 7 CHANNELS	
	040	ABSTRACT	THIS UNIT RUNS A DIAGNOSTIC ON THE 9317 RAD ADDRESS 26,66 ON W CHANNEL	
	050	COMMENTS	THIS UNIT MUST BE RUN WITH THE OLDS 3.0 CONTROL MONITOR	
B3870038	000	AA 940	UNIT 21 W CHANNEL DISC TEST 3.0	D VM
	010	AUTHOR	XEROX	
	020		870038-11A00 901591 DESCRIPTION PRINTED	
	030		870038-35A00 870042-35 SOURCE MAG TAPE, 7 CHANNELS	
	040	ABSTRACT	THIS UNIT RUNS A DIAGNOSTIC ON THE 9164 DISC ON W CHANNEL	
	050	COMMENTS	THIS UNIT MUST BE RUN WITH THE OLDS 3.0 CONTROL MONITOR	
B3870039	000	AA 940	UNIT 23 CTE 10/11 COM GEAR TEST 3.0	D VM
	010	AUTHOR	XEROX	
	020		870039-11A00 901591 DESCRIPTION PRINTED	
	030		870039-35A00 870042-35 SOURCE MAG TAPE, 7 CHANNELS	
	040	ABSTRACT	THIS UNITS RUNS A DIAGNOSTIC ON THE 64 CHANNELS OF THE CTE 10/11 ASYNCHRONOUS TELEPHONE INTERFACE	
	050		EQUIPMENT	
	060	COMMENTS	THIS UNIT MU BE RUN WITH THE OLDS 3.0 CONTROL MONITOR	
B3870040	000	AB 940	UNIT 18 E CHANNEL DISC	D VM
	010	AUTHOR	XEROX	
	020		870040-11B00 901591 DESCRIPTION PRINTED	
	030		870040-35B00 870042-35 SOURCE MAG TAPE, 7 CHANNELS	
	040	ABSTRACT	THIS UNIT TESTS THE 940 DISC FILE CONNECTED TO CHANNEL E. IT IS SIMILAR TO UNIT 21 FOR THE 9164 DISC	
	050		FILE	
	060	COMMENTS	THIS PROGRAM MUST BE RUN WITH THE OLDS CONTROL MONITOR	

B3870041	000	AA 940	UNIT 19 F CHANNEL DISC	D VM
	010	AUTHOR	XEROX	
	020		870041-11A00 901591 DESCRIPTION PRINTED	
	030		870041-35A00 870042-35 SOURCE MAG TAPE, 7 CHANNELS	
	040	ABSTRACT	THIS UNIT TESTS THE DISC CONNECTED TO CHANNEL E IT IS SIMILAR TO UNIT 21 FOR THE 9164 DISC	
	050	COMMENTS	THIS PROGRAM MUST BE RUN WITH THE OLDS CONTROL MONITOR	
B3870042	000	AA 940	940 OLDS DIAGNOSTIC SYSTEM (COVER)	D VM
	010	AUTHOR	XEROX	
	020		870042-11A00 901591 DESCRIPTION PRINTED	
	030		870042-35A00 * SOURCE MAG TAPE, 7 CHANNELS	
	040		901591 XDS 940 OLDS DIAGNOSTIC SYSTEM REFERENCE MANUAL	
	050	ABSTRACT	THIS DIAGNOSTIC ANALYZES AND EXERCISES THE 940 TIME-SHARING SYSTEM.	
	060	COMMENTS	THIS SYSTEM TAPE INCLUDES THE PROGRAMS LISTED UNDER CATALOG NUMBERS: 870029 THRU 870040	
B3880000	000	AB CF-16	ASSEMBLER - ABLF	P ZZ
	010	AUTHOR	XEROX, SYSTEM PRODUCTS	
	020		880000-11B00 DESCRIPTION PRINTED	
	030		880000-33B00 * SOURCE PAPER TAPE, 8 LEVELS	
	040		880000-34B00 * SOURCE CARDS	
	050		880000-43B00 * COMPRESSED PAPER TAPE, 8 LEVELS	
	060		880000-83B00 ABSOLUTE BINARY PAPER TAPE, 8 LEVELS	
	070	ABSTRACT	THIS PROGRAM IS THE TELETYPE STAND-ALONE VERSION OF THE CF16 ABLE ASSEMBLER. IT READS SYMBOLIC SOURCE	
	080		LANGUAGE, CONVERTS IT TO MACHINE LANGUAGE (OBJECT) PROGRAMS, OUTPUTS THE OBJECT PROGRAM ON PAPER TAPE	
	090		AND PRINTS AN ASSEMBLY LISTING ON TELETYPE, THE OBJECT PROGRAM MAY BE LOADED BY THE ROLL LOADER.	
	100	COMMENTS	ABLE IS SUPPLIED ON ABSOLUTE BINARY TAPE TO BE LOADED BY THE BLD BINARY LOADER. ABLE CONTROLS IN A 4K	
	110		CF16 WITH TELETYPE. RESIDENCY IS APPROXIMATELY 2500 WORDS. ADJUSTMENT TO OPERATE WITH HIGH SPEED PAPER	
	120		TAPE IS MADE THROUGH A SIMPLE OPERATOR ROUTINE WHICH IS PART OF ABLE. ABLE PROCEDURES ARE DEFINED IN	
	130		PUBLICATION 901367A. ABLE LOADS AT LOCATION :20 AND RUNS FROM :100.	
B3880004	000	AA CF-16	BINARY LOAD/DUMP - BLD/BDP	P ZZ
	010	AUTHOR	XEROX, SYSTEM PRODUCTS	
	020		880004-11A00 DESCRIPTION PRINTED	
	030		880004-51A00 880004-11 LISTING PRINTED	
	040		880004-83A00 ABSOLUTE BINARY PAPER TAPE, 8 LEVELS	
	050	ABSTRACT	BLD/BDP IS THE BASIC CF16 BINARY LOAD/DUMP (PUNCH) AND VERIFY PROGRAM. ALL CF16 BINARY PAPER TAPES MAY	
	060		BE LOADED VIA BLD. BDP PUNCHES BLD COMPATIBLE PAPER TAPE. THE VERIFY ROUTINE MAY BE USED TO VERIFY ANY	
	070		BINARY TAPE PUNCHED BY BDP.	