# Rolm - IDMS - Diagnostics

| Name | Short-Description | MODELS | Description of Routine |
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| ADDSP | A-TO-D CALIBRATION DISPLAY PROGRAM | 3656, 3662 | 'ADDSP' GIVES A CONTINUOUS DISPLAY OF THE STATE OF AN ANALOG-TO-DIGITAL MULTIPLEXOR SO THAT ITS INPUTS MAY BE CALIBRATED |
| AINSTV1 | MSE/14 BASIC INSTRUCTION TEST (1 OF 2) | MSE/14 | 'AINSTV1' TESTS THE FOLLOWING FUNCTIONS: MOV, INC, COM, NEG, ADC, ADD, SUB, AND, LDA, STA, JMP, JSR, ISZ, AND DSZ. |
| AINSTV2 | MSE/14 BASIC INSTRUCTION TEST (2 OF 2) | MSE/14 | 'AINSTV2' TESTS THE AUTO-INCREMENTING AND AUTO-DECREMENTING FUNCTIONS. |
| AINSTX | MSE/14 EFA INSTRUCTION TEST | MSE/14 | 'AINSTX' IS AN EXERCISER FOR THE EFFECTIVE ADDRESS LOGIC. |
| ALM | ASYNCHRONOUS LINE MULTIPLEXER DIAGNOSTIC | 3769 | 'ALM' IS A DIAGNOSTIC FOR THE ASYNCHRONOUS LINE MULTIPLEXER DESIGNED TO DETECT AND ISOLATE HARDWARE FAILURES |
| AMUX | ASYNCHRONOUS MULTIPLEXER DIAGNOSTIC | 3766 | 'AMUX' IS A DIAGNOSTIC FOR THE ASYNCHRONOUS MULTIPLEXER DESIGNED TO DETECT AND ISOLATE HARDWARE FAILURES |
| ASYNC | ASYNCHRONOUS SERIAL DIAGNOSTIC | 3765 | 'ASYNC' IS A DIAGNOSTIC FOR THE ASYNCHRONOUS SERIAL INTERFACE DESIGNED TO DETECT AND ISOLATE HARDWARE FAILURES |
| ATOD | ANALOG DIAGNOSTIC AND VERIFICATION PROGRAM | 3656 | 'ATOD' IS A DIAGNOSTIC FOR THE ANALOG TO DIGITAL INTERFACE DESIGNED TO DETECT AND ISOLATE HARDWARE FAILURES |
| BCUD | 1553A BUS CONTROL UNIT DIAGNOSTIC | 3760 | 'BCUD' IS A DIAGNOSTIC FOR THE 1553A BUS CONTROL UNIT DESIGNED TO DETECT AND ISOLATE HARDWARE FAILURES |
| BCUED | 1553B BUS CONTROL UNIT EXERCISER/DIAGNOSTIC | 3761 | 'BCUED' IS DESIGNED TO DIAGNOSE AND COMPLETELY EXERCISE A NETWORK OF 1,2,OR 3 MODEL 3761 INTERFACES WHICH MAY BE HOSTED IN 1,2,OR 3 ROLM |
| BIOCAT | BACKGROUND I/O, CHANNEL ACTIVITY TESTER | 3610, 9810, 9812 | 'BIOCAT' IS AN IDMS UTILITY PROGRAM DESIGNED TO PROVIDE BACKGROUND DMA AND INTERRUPT ACTIVITY ON THE CHANNEL ACTIVITY TESTER WHILE |
| BIOFHD | BACKGROUND I/O, FIXED HEAD DISK | 3610, 9810, 9812 | 'BIOFHD' IS AN IDMS UTILITY PROGRAM DESIGNED TO PROVIDE BACKGROUND DMA AND INTERRUPT ACTIVITY ON THE FIXED HEAD DISK WHILE RUNNING |
| BIOFLP | BACKGROUND I/O, FLOPPY DISK | 3610, 9810, 9812 | 'BIOFLP' IS AN IDMS UTILITY PROGRAM DESIGNED TO PROVIDE BACKGROUND DMA AND INTERRUPT ACTIVITY ON THE FLOPPY DISK WHILE RUNNING |
| BIOGMD | BACKGROUND I/O, 3390 DISK | 9810, 9812 | 'BIOGMD' IS AN IDMS UTILITY PROGRAM DESIGNED TO PROVIDE BACKGROUND DMA AND INTERRUPT ACTIVITY ON THE 3390 DISK WHILE RUNNING DIAGNOSTICS. |
| BIOMHD | BACKGROUND I/O, MOVING HEAD DISK | 3610, 9810, 9812 | 'BIOMHD' IS AN IDMS UTILITY PROGRAM DESIGNED TO PROVIDE BACKGROUND DMA AND INTERRUPT ACTIVITY ON THE MOVING HEAD DISK WHILE RUNNING |
| BIOSMD | BACKGROUND I/O, STORAGE MODULE | 3610, 9810, 9812 | 'BIOSMD' IS AN IDMS UTILITY PROGRAM DESIGNED TO PROVIDE BACKGROUND DMA AND INTERRUPT ACTIVITY ON THE STORAGE MODULE WHILE RUNNING |
| CATD | CHANNEL ACTIVITY TESTER DIAGNOSTIC | 5628, 9002, MSE/14, MSE/20, MSE/25, MSE/30 | 'CATD' IS A DIAGNOSTIC FOR THE CHANNEL ACTIVITY TESTER DESIGNED TO DETECT AND ISOLATE HARDWARE FAILURES. |
| CBD | CHECKERBOARD MEMORY TEST | 1602; 1603; 1606; 1650; 1664; 1666; 1666B; 5605 | 'CBD' IS A DIAGNOSTIC DESIGNED TO PRODUCE WORST CASE NOISE CONDITIONS ON THE SENSE/INHIBIT WIRES TO ENSURE PROPER OPERATION OF SENSE AMPS, INHIBIT DRIVERS AND MEMORY CURRENTS |
| CDDG | CARTRIDGE DISK DIAGNOSTIC (GEMINI) | 3390 | 'CDDG' IS A DIAGNOSTIC FOR THE 3390 CARTRIDGE DISK DESIGNED TO DETECT AND ISOLATE HARDWARE FAILURES. |
| CDFG | CARTRIDGE DISK FORMATTER (GEMINI) | 3390 | 'CDFG' IS A PROGRAM THAT FORMATS THE 3390 CARTRIDGE DISK. |
| CDR | CARD READER DIAGNOSTIC | 3338 WITH 3330, OPT 7 | 'CDR' IS DIAGNOTIC FOR THE CARD READER DESIGNED TO DETECT AND ISOLATE HARDWARE FAILURES |
| CDRG | CARTRIDGE DISK RELIABILITY (GEMINI) | 3390 | 'CDRG' IS A RELIABILITY PROGRAM FOR THE 3390 CARTRIDGE DISK DESIGNED TO VERIFY THE DATA RELIABILITY OF THE DISK AND TO DETECT DATA DEPENDENT |
| CONFIGURE | CONFIGURATION DATA FILE | 3610, 9810, 9811, 9812, 9813, 9819 | 'CONFIGURE' IS A DATA FILE THAT CONTAINS THE PROCESSOR TYPE, TERMINAL TYPE AND CHANNEL ACTIVITY TEST FILENAME OF THE CURRENT SYSTEM. IT IS |
| DCC | DATA CHANNEL CONTROLLER DIAGNOSTIC | 3564 | 'DCC' IS A DIAGNOSTIC FOR THE DATA CHANNEL CONTROLLER DESIGNED TO DETECT AND ISOLATE HARDWARE FAILURES |
| DEB02 | 1602 DEBUGGER | 3610, 9811, 9812, 9813, 9819 | 'DEB02' IS THE 1602 DEBUGGER. |
| DEB03 | 1603 DEBUGGER | 3610, 9811, 9812, 9813, 9819 | 'DEB03' IS THE 1603 DEBUGGER. |
| DEB66 | 1666 DEBUGGER | 3610, 9811, 9812, 9813, 9819 | 'DEB66' IS THE 1666 DEBUGGER. |
| DEBMSE | MSE/14/20/25/30 DEBUGGER | 9810, 3610, 9811, 9813, 9819 | 'DEBMSE' IS THE MIL-SPEC ECLIPSE DEBUGGER. |
| DFMON | FLOPPY DISK IDMS SYSTEM MONITOR | 3610, 9810, 9811, 9812, 9813, 9819 | 'DFMON' IS THE FLOPPY DISK VERSION OF THE IDMS SYSTEM MONITOR (SYMON). |
| DGMON | 3390 DISK IDMS SYSTEM MONITOR | 3610, 9810, 9811, 9812, 9813, 9819 | 'DGMON' IS THE 3390 CARTRIDGE DISK VERSION OF THE IDMS SYSTEM MONITOR (SYMON). |
| DIFIO | 8 BIT DIFFERENTIAL I/O TEST | 3543 | 'DIFIO' IS A DIAGNOSTIC FOR THE 8-BIT DIFFERENTIAL INTERFACE DESIGNED TO DETECT AND ISOLATE HARDWARE FAILURES |
| DIG14 | MSE/14 DIAGNOSTIC INSTRUCTION TEST | MSE/14 | 'DIG14' VERIFIES THE OPERATION OF THE MSE/14 DIAGNOSTIC INSTRUCTIONS. |
| DIG66B | 1666B DIAGNOSTIC INSTRUCTION TEST | 1666B | 'DIG66B' VERIFIES THE OPERATION OF THE 1666B DIAGNOSTIC INSTRUCTIONS. |

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| **DIRECTORY** | DIRECTORY DATA FILE | 3610, 9810, 9811, 9812, 9813, 9819 | 'DIRECTORY' IS A DATA FILE THAT DESCRIBES EACH MODULE ON AN IDMS TAPE OR DISK TO THE IDMS SYSTEM. |
| **DISKCOPY** | DISKCOPY | 3610, 9810, 9811, 9812, 9813, 9819 | 'DISKCOPY' IS AN IDMS UTILITY PROGRAM USED TO COPY AND VERIFY THE CONTENTS OF ONE TAPE OR DISK TO ANOTHER TAPE OR DISK. |
| **DISKEDIT** | DISKEDIT | 3610, 9810, 9811, 9812, 9813, 9819 | 'DISKEDIT' IS AN IDMS UTILITY PROGRAM USED TO EDIT THE FILES ON AN IDMS TAPE OR DISK. |
| **DISKINIT** | DISKINIT | 3610, 9810, 9811, 9812, 9813, 9819 | 'DISKINIT' IS AN IDMS UTILITY PROGRAM USED TO INITIALIZE A TAPE OR A DISK. |
| **DMALP** | DMA LINE PRINTER INTERFACE | 3370 | 'DMALP' IS A DIAGNOSTIC FOR THE DMA LINE PRINTER INTERFACE DESIGNED TO DETECT AND ISOLATE HARDWARE FAILURES |
| **DMALP** | DMA LINE PRINTER INTERFACE | 9003 | 'DMALP' IS A DIAGNOSTIC FOR THE DMA LINE PRINTER INTERFACE DESIGNED TO DETECT AND ISOLATE HARDWARE FAILURES |
| **DMMTD** | DUAL MODE MAG TAPE DIAGNOSTIC | 3369 | 'DMMTD' IS A DIAGNOSTIC FOR THE DUAL MODE MAG TAPE DESIGNED TO DETECT AND ISOLATE HARDWARE FAILURES. |
| **DMMTR** | DUAL MODE MAG TAPE RELIABILITY | 3369 | 'DMMTR' IS A RELIABILITY PROGRAM FOR THE DUAL MODE MAG TAPE DESIGNED TO VERIFY THE DATA RELIABILITY OF MAG TAPE AND TO DETECT DATA |
| **DPMON** | 3341 DISK IDMS SYSTEM MONITOR | 9812 | 'DPMON' IS THE 3341 CARTRIDGE DISK VERSION OF THE IDMS SYSTEM MONITOR (SYMON). |
| **DPMON** | MOVING HEAD DISK IDMS SYSTEM MONITOR | 3610, 9810, 9811, 9812, 9813, 9819 | 'DPMON' IS THE MOVING HEAD DISK VERSION OF THE IDMS SYSTEM MONITOR (SYMON). |
| **E14CHD** | MSE/14 CHARACTER INSTRUCTION TEST | MSE/14 | 'E14CHD' VERIFIES THE PROPER OPERATION OF THE FOLLOWING FUNCTIONS: ESTB, ELDB, CMV, CMP, CTR, AND CMT. |
| **E14ECD** | MSE/14 ERROR CORRECTION DIAGNOSTIC | MSE/14 | 'E14ECD' VERIFIES THE PROPER OPERATION OF THE MSE/14 ERROR CORRECTION OPTION. |
| **E14FPD1** | MSE/14 FLOATING POINT FUNCTION TEST (1 OF 3) | MSE/14 | 'E14FPD1' TESTS THE BASIC FUNCTIONALITY OF THE MSE/14 FLOATING POINT UNIT. |
| **E14FPD2** | MSE/14 FLOATING POINT FUNCTION TEST (2 OF 3) | MSE/14 | 'E14FPD2' TESTS THE SINGLE AND DOUBLE PRECISION ARITHMETIC FUNCTIONS OF THE MSE/14 FLOATING POINT UNIT. |
| **E14FPD3** | MSE/14 FLOATING POINT FUNCTION TEST (3 OF 3) | MSE/14 | 'E14FPD3' TESTS THAT ALL FLOATING POINT INSTRUCTIONS CAN TRAP, THAT 'FPSH' AND 'FPOP' FUNCTION PROPERLY, AND THAT MANY FLOATING POINT |
| **E14MMD** | MSE/14 SEMICONDUCTOR MEMORY DIAGNOSTIC | MSE/14 | 'E14MMD' VERIFIES THE PROPER OPERATION OF THE MSE/14 SEMICONDUCTOR MEMORY SYSTEM. |
| **E14MPD1** | MSE/14 MAP DIAGNOSTIC (1 OF 2) | MSE/14 | 'E14MPD1' VERIFIES THE OPERATION OF THE MEMORY ALLOCATION AND PROTECTION FEATURE. |
| **E14MPD2** | MSE/14 MAP DIAGNOSTIC (2 OF 2) | MSE/14 | 'E14MPD2' VERIFIES THE OPERATON OF THE MEMORY ALLOCATION AND PROTECTION FEATURE. IT USES THE CHANNEL ACTIVITY TESTER TO VERIFY DATA |
| **EAINSTV1** | MSE/14 INSTRUCTION SET EXERCISER (1 OF 2) | MSE/14 | 'EAINSTV1' TESTS THE LOGIC OF OPERATION OF THE FOLLOWING FUNCTIONS: IOR, XOR, ANC, XCH, ADI, SBI, IORI, XORI, ANDI, ADDI, DAD, DSB, LDB, STB, LOB, COB, LRB, SZB, SNB, SZBO, BTO, BTZ, LSH, DLSH, HXL, HXR, DHXL, DHXR, AND HLV. |
| **EAINSTV2** | MSE/14 INSTRUCTION SET EXERCISER (2 OF 2) | MSE/14 | 'EAINSTV2' TESTS THE LOGIC OF OPERATION OF THE FOLLOWING FUNCTIONS: SGT, SGE, CLM, PSH, PSHR, POP, POPJ, SAVE, POPB, RTN, RSTR, PSHJ, MSP, MUL, DIV, MULS, DIVS, DIVX, ELEF, ELDA, ESTA, EJMP, EJSR, EISZ, EDSZ, SYC, XOP, XCT, DSPA, |
| **EAINSTX1** | MSE/14 INSTRUCTION EXERCISER (1 OF 4) | MSE/14 | 'EAINSTX1' TESTS THE RELIABILITY OF THE FOLLOWING FUNCTIONS: IOR, XOR, ANC, XCH, ADI, ADDI, SBI, IORI, XORI, ANDI, DAD, DSB, LDB, STB, LSH, DLSH, HXL, HXR, DHXL, DHXR, HLV, SGT, SGE, CLM, MUL, DIV, DIVS, MULS, DIVX, BLM, AND |
| **EAINSTX2** | MSE/14 INSTRUCTION EXERCISER (2 OF 4) | MSE/14 | 'EAINSTX2' TESTS THE RELIABILITY OF THE FOLLOWING FUNCTIONS: LOB, COB, LRB, SZB, SZBO, BTO, BTZ, SNB, ELEF, ELDA, ESTA ELDA/ESTA, EJMP, EJSR, EISZ, AND |
| **EAINSTX3** | MSE/14 INSTRUCTION EXERCISER (3 OF 4) | MSE/14 | 'EAINSTX3' TESTS THE RELIABILITY OF THE FOLLOWING FUNCTIONS: PSH, POP, PSH/POP, PSHR, POPJ, SAVE, RTN, POPB, CAP, STACK OVERFLOW, STACK |
| **EAINSTX4** | MSE/14 INSTRUCTION EXERCISER (4 OF 4) | MSE/14 | 'EAINSTX4' TESTS THE RELIABILITY OF THE FOLLOWING FUNCTIONS: XCT, SCL, DSPA, AND VCT. |
| **EAU03** | 1603 EAU DIAGNOSTIC EXERCISER | 1623 | 'EAU03' IS A DIAGNOSTIC FOR THE 1603 EXTENDED ARITHMETIC UNIT DESIGNED TO DETECT AND ISOLATE HARDWARE FAILURES |
| **ECACH** | ECLIPSE CACHE MEMORY TEST | 3411, MSE/20, MSE/25, MSE/30 | 'ECACH' IS A DIAGNOSTIC THAT TESTS THE CACHE MEMORY FOR PROPER OPERATION. |
| **ECBD** | ECLIPSE MEMORY CHECKERBOARD TEST | 3411, MSE/14, MSE/20, MSE/25, MSE/30 | 'ECBD' IS A DIAGNOSTIC DESIGNED TO PRODUCE WORST CASE NOISE CONDITIONS ON THE SENSE/INHIBIT WIRES TO ENSURE PROPER OPERATION OF SENSE AMPS, INHIBIT DRIVERS AND MEMORY CURRENTS. |
| **ECD66B** | 1666B ERROR CORRECTION DIAGNOSTIC | 1666B | 'ECD66B' VERIFIES THE OPERATION OF THE 1666B ERROR CORRECTION OPTION. |
| **ECEX1** | ECLIPSE CPU EXERCISER, 1 OF 9 | 3411, MSE/20, MSE/25, MSE/30 | 'ECEX1' TESTS THE RELIABILITY OF THE FOLLOWING CPU INSTRUCTIONS: SGE, SGT, LSH, DLSH, LOB AND COB |
| **ECEX2** | ECLIPSE CPU EXERCISER, 2 OF 9 | 3411, MSE/20, MSE/25, MSE/30 | 'ECEX2' TESTS THE RELIABILITY OF THE FOLLOWING CPU INSTRUCTIONS: LRB, HXL, HXR, DHXL, DHXR, DAD AND DSE |
| **ECEX3** | ECLIPSE CPU EXERCISER, 3 OF 9 | 3411, MSE/20, MSE/25, MSE/30 | 'ECEX3' TESTS THE RELIABILITY OF THE FOLLOWING CPU INSTRUCTIONS: MUL, DIV, MULS, DIVS, BLM, BAM, SZB, SZBO, BTO, BTZ, LDB AND STB |
| **ECEX4** | ECLIPSE CPU EXERCISER, 4 OF 9 | 3411, MSE/20, MSE/25, MSE/30 | 'ECEX4' TESTS THE RELIABILITY OF THE FOLLOWING CPU INSTRUCTIONS: PSH, POP, PSHR, POPJ, SAVE, RTN AND POPB |
| **ECEX5** | ECLIPSE CPU EXERCISER, 5 OF 9 | 3411, MSE/20, MSE/25, MSE/30 | 'ECEX5' TESTS THE RELIABILITY OF THE FOLLOWING CPU INSTRUCTIONS: XOP, DIVX AND XCT. STACK OVERFLOW AND UNDERFLOW PROTECTION IS ALSO TESTED |
| **ECEX6** | ECLIPSE CPU EXERCISER, 6 OF 9 | 3411, MSE/20, MSE/25, MSE/30 | 'ECEX6' TESTS THE RELIABILITY OF THE FOLLOWING CPU INSTRUCTIONS: SCL, XCT AND VCT. THE SYSTEM STACK FEATURE IS ALSO TESTED |
| **ECEX7** | ECLIPSE CPU EXERCISER, 7 OF 9 | 3411, MSE/20, MSE/25, MSE/30 | 'ECEX7' TESTS THE RELIABILITY OF THE FOLLOWING CPU INSTRUCTIONS: ADDI, IORI, XORI, ANDI, HLV, MSP, SNB, CLM AND PSHJ |

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| ECEX8 | ECLIPSE CPU EXERCISER, 8 OF 9 | 3411, MSE/20, MSE/25, MSE/30 | 'ECEX8' TESTS THE RELIABILITY OF THE FOLLOWING CPU INSTRUCTIONS: ELEF, ELDA, ESTA, EJMP AND EJSR |
| ECEX9 | ECLIPSE CPU EXERCISER, 9 OF 9 | 3411, MSE/20, MSE/25, MSE/30 | 'ECEX9' TESTS THE RELIABILITY OF THE FOLLOWING CPU INSTRUCTIONS: EISZ, EDSZ AND DSPA |
| ECLMORTL | ECLIPSE MULTIPROGRAMMING RELIABILITY (LONG) | MSE/14 | 'ECLMORTL' TESTS THE FOLLOWING FUNCTIONS: CPU, MEMORY, MAP, COMMERCIAL INSTRUCTIONS, I/O PROCESSOR, CHANNEL ACTIVITY TESTER, FIXED HEAD DISK, STORAGE MODULE DISK, FLOPPY DISK, MAGNETIC TAPE, 3390 SERIES DISK, 4000/4050/4150 SERIES DISKS LINE PRINTER, REAL TIME CLOCK, AND |
| ECLMORTP | ECLIPSE MULTIPROGRAMMING RELIABILITY (PERIPHERAL) | MSE/14 | 'ECLMORTP' TESTS THE FOLLOWING FUNCTIONS: EXTENDED INSTRUCTION TEST RUNS AS A BACKGROUND TEST, I/O PROCESSOR, CHANNEL ACTIVITY TEST, FIXED HEAD DISK, STORAGE MODULE DISK, FLOPPY DISK, MAGNETIC TAPE, 3390 SERIES DISK, 4000/4050/4150 SERIES DISKS, LINE PRINTER, REAL TIME CLOCK, AND |
| ECLMORTS | ECLIPSE MULTIPROGRAMMING RELIABILITY (SHORT) | MSE/14 | 'ECLMORTS' TESTS THE FOLLOWING FUNCTIONS: CPU, MEMORY, MAP, FLOATING POINT, COMMERCIAL INSTRUCTIONS, AND REAL TIME CLOCK. |
| ECOM1 | COMMERCIAL ECLIPSE EXERCISER, 1 OF 4 | 3411, MSE/20, MSE/25, MSE/30 | 'ECOM1' TESTS THE RELIABILITY OF THE FOLLOWING COMMERCIAL ECLIPSE INSTRUCTIONS: ELDB, ESTB, CMV, CMP, CTR AND CMT |
| ECOM2 | COMMERCIAL ECLIPSE EXERCISER, 2 OF 4 | 3411, MSE/20, MSE/25, MSE/30 | 'ECOM2' TESTS THE RELIABILITY OF THE FOLLOWING COMMERCIAL ECLIPSE INSTRUCTIONS: LSN AND FINT |
| ECOM3 | COMMERCIAL ECLIPSE EXERCISER, 3 OF 4 | 3411, MSE/20, MSE/25, MSE/30 | 'ECOM3' TESTS THE RELIABILITY OF THE FOLLOWING COMMERCIAL ECLIPSE INSTRUCTIONS: LDI, STI, LDIX AND STIX |
| ECOM4 | COMMERCIAL ECLIPSE EXERCISER, 4 OF 4 | 3411, MSE/20, MSE/25, MSE/30 | 'ECOM4' TESTS THE RELIABILITY OF THE FOLLOWING COMMERCIAL ECLIPSE INSTRUCTIONS: EDIT |
| ECPU1 | ECLIPSE CPU DIAGNOSTIC, 1 OF 5 | 3411, MSE/20, MSE/25, MSE/30 | ECPU1' TESTS THE FOLLOWING FUNCTIONS: ALS SKIP LOGIC FOR ALU AND CARRY BIT, CRY ENABLE LEVEL FOR CONTROLLING THE STATE OF CARRY, LOAD/NO-LOAD FUNCTION OF ALU AND CARRY, SHIFTER OPERATIONS, COMPLETE ALU OPERATIONS, AND CERTAIN ARITHMETIC AND LOGIC INSTRUCTIONS |
| ECPU2 | ECLIPSE CPU DIAGNOSTIC, 2 OF 5 | 3411, MSE/20, MSE/25, MSE/30 | 'ECPU2' TESTS THE FOLLOWING FUNCTIONS: BIT MANIPULATION INSTRUCTIONS REFERENCING THE ACCUMULATORS, ACCUMULATOR COMPARE INSTRUCTIONS, |
| ECPU3 | ECLIPSE CPU DIAGNOSTIC, 3 OF 5 | 3411, MSE/20, MSE/25, MSE/30 | 'ECPU3' TESTS THE FOLLOWING FUNCTIONS: MEMORY REFERENCE INSTRUCTIONS WITH AC AND WITHOUT AC, AUTO- INCREMENT AND AUTO-DECREMENT LOCATIONS, BYTE AND BIT MANIPULATION INSTRUCTIONS REFERENCING |
| ECPU4 | ECLIPSE CPU DIAGNOSTIC, 4 OF 5 | 3411, MSE/20, MSE/25, MSE/30 | 'ECPU4' TESTS THE FOLLOWING FUNCTIONS: STACK MANIPULATION INSTRUCTIONS, STACK OVERFLOW AND UNDERFLOW PROTECTION, EXTENDED OPERATION FEATURE, EXECUTE INSTRUCTION, AND DATA MOVEMENT |
| ECPU5 | ECLIPSE CPU DIAGNOSTIC, 5 OF 5 | 3411, MSE/20, MSE/25, MSE/30 | 'ECPU5' TESTS THE FOLLOWING FUNCTIONS: TWO WORD INSTRUCTIONS, COMPARE LIMITS INSTRUCTIONS, MODIFY STACK POINTER INSTRUCTIONS, HALVE |
| EFLPT | ECLIPSE FLOATING POINT TEST | 3411, MSE/20, MSE/25, MSE/30 | 'EFLPT' PERFORMS A FUNCTIONAL TEST OF ALL OPERATIONS PERFORMED BY THE FLOATING POINT ARITHMETIC UNIT |
| EINDEX | ECLIPSE DIRECTORY DISPLAY | 9810 | 'INDEX' IS AN IDMS UTILITY THAT DISPLAYS CERTAIN INFORMATION ABOUT ROLM |
| EINDEX | ECLIPSE DIRECTORY DISPLAY PROGRAM | 9810 | 'EINDEX' IS AN IDMS UTILITY THAT DISPLAYS CERTAIN INFORMATION ABOUT ECLIPSE CPU DIAGNOSTICS. |
| EMAP1 | ECLIPSE MAP DIAGNOSTIC, 1 OF 2 | 3411, MSE/20, MSE/25, MSE/30 | 'EMAP1' VERIFIES PROPER OPERATION OF THE MEMORY ALLOCATION AND PROTECTION (MAP) FEATURE |
| EMAP2 | ECLIPSE MAP DIAGNOSTIC, 2 OF 2 | 3411, MSE/20, MSE/25, MSE/30 | 'EMAP2' VERIFIES PROPER OPERATION OF THE MEMORY ALLOCATION AND PROTECTION (MAP) FEATURE |
| EMORTL | ECLIPSE MULTIPROGRAMMING RELIABILITY TEST | 3411, MSE/20, MSE/25, MSE/30 | 'EMORTL' TESTS THE FOLLOWING FUNCTIONS: CPU, MEMORY, MAP, FLOATING POINT, COMMERCIAL INSTRUCTIONS, I/O PROCESSOR, WCS, CHANNEL ACTIVITY TESTER, AND DEVICE CODE TESTS, FOR THE FOLLOWING DEVICES: FIXED HEAD DISK, STORAGE MODULE, FLOPPY DISK, MAGNETIC TAPE, AND LINE PRINTER |
| EMORTP | ECLIPSE MULTIPROGRAMMING RELIABILITY TEST, PERIPHERAL | 3411, MSE/20, MSE/25, MSE/30 | 'EMORTP' TESTS THE FOLLOWING FUNCTIONS: EISTS TESTS AS A BACKGROUND CPU TEST AND DEVICE CODE CHECKS ON THE FOLLOWING DEVICES: FIXED HEAD DISK, STORAGE MODULE, FLOPPY DISK AND MAGNETIC TAPE |
| EMORTS | ECLIPSE MULTIPROGRAMMING RELIABILITY TEST, CPU | 3411, MSE/20, MSE/25, MSE/30 | 'EMORTS' TESTS THE FOLLOWING FUNCTIONS: CPU, MEMORY, MAP, FLOATING PINT, COMMERCIAL INSTRUCTIONS, I/O PROCESSOR, WCS, CHANNEL ACTIVITY |
| EMPAT | ECLIPSE MAP ADDRESS TEST | 3411, MSE/20, MSE/25, MSE/30 | 'EMPAT' VERIFIES THAT ALL MEMORY MODULES THAT EXIST MAY BE ACCESSED VIA THE "LAST BLOCK ALWAYS MAPPED" FEATURE OF THE ECLIPSE (DOB X,MAP) |
| EMSYS | ECLIPSE MEMORY DIAGNOSTIC | MSE/14, MSE/20, MSE/25, MSE/30 | 'EMSYS' VERIFIES THE CORE MEMORY SYSTEM OPERATION. |
| EMSYS | ECLIPSE MEMORY DIAGNOSTIC | MSE/14 | 'EMSYS' VERIFIES THE CORE MEMORY SYSTEM OPERATION. |
| ESPEX | ECLIPSE SPECIAL EXERCISER | 3411, MSE/20, MSE/25, MSE/30 | 'ESPEX' EXCERCISES ALL CPU INSTRUCTIONS, BOTH MAPPED AND UNMAPPED, AND POWER FAIL/AUTO RESTART |
| EXER | EXERCISER | 1602; 1603; 1606; 1650; 1664; 1666; 1666B; 5605 | 'EXER' IS A RELIABILITY PROGRAM DESIGNED TO VERIFY PROPER OPERATION OF THE CPU INSTRUCTIONS AND THE REAL TIME CLOCK AND BOTH THE TELETYPE AND HIGH SPEED PAPER TAPE READER/PUNCHES. |
| EXMEM | ECLIPSE EXTENDED MEMORT EXERCISER | 3411, MSE/20, MSE/25, MSE/30 | 'EXMEM' IS INTENDED TO AUGMENT THE CAPABILITY OF OTHER MEMORY CHECKER BOARD TESTS. IT TESTS 8K MEMORY BOARDS, BUT CAN ALSO HANDLE |
| FHDD | FIXED HEAD DISK DIAGNOSTIC II | 3344, 3347 OR 3348 WITH 3343 | 'FHDD' IS A DIAGNOSTIC FOR THE FIXED HEAD DISK DESIGNED TO DETECT AND ISOLATE HARDWARE FAILURES |
| FHDR | FIXED HEAD DISK RELIABILITY TEST | 3344, 3347 OR 3348 WITH 3343 | 'FHDR' IS A RELIABILITY PROGRAM FOR THE FIXED HEAD DISK DESIGNED TO VERIFY THE DATA RELIABILITY OF THE DISK AND TO DETECT DATA DEPENDENT FAILURES |
| FLDD | AED 6200 FLOPPY DISK DIAGNOSTIC | 3383; 3385; 3386 | 'FLDD' IS A DIAGNOSTIC FOR THE FLOPPY DISK DESIGNED TO DETECT AND ISOLATE HARDWARE FAILURES |

| FLDR | FLOPPY DISK RELIABILITY TEST | 3383; 3385; 3386 | 'FLDR' IS A RELIABILITY PROGRAM FOR THE FLOPPY DISK DESIGNED TO VERIFY THE DATA RELIABILITY OF THE DISK AND TO DETECT DATA DEPENDENT FAILURES |
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| FPT02 | 1602 FLOATING POINT TEST | 1602B, OPT 15; 1650, OPT 15; 5605 , OPT 15 | 'FPT02' PERFORMS FUNCTIONAL TESTS OF ALL OPERATIONS OF THE 1602 FLOATING POINT ARITHMETIC UNIT |
| FPT64 | 1664 FLOATING POINT TEST | 1664; 1666; 1666B | 'FPT64' PERFORMS FUNCTIONAL TESTS OF ALL OPERATIONS OF THE 1664 |
| HDMSR | HIGH DENSITY MEMORY SET RELIABILITY TEST | IBM-HDMS (3811) | 'HDMSR' IS DESIGNED AS A MAINTENANCE PROGRAM TO EXERCISE AND TEST THE IBM HDMS WITH UP TO 4 DISKS COMMUNICATING THROUGH AN NTDS INTERFACE. THE DISK DRIVES MAY BE SHARED BETWEEN 2 COMPUTERS. |
| IN66B | 1666B SPECIAL INSTRUCTION TESTS | 1666B | 'IN66B' IS AN EXPANDED VERSION OF THE 1664 INSTRUCTION TESTS THAT EXERCISES THE 1666B INSTRUCTION SET. |
| INDEX | DIAGNOSTIC DIRECTORY DISPLAY | 3610 | 'INDEX' IS AN IDMS UTILITY THAT DISPLAYS CERTAIN INFORMATION ABOUT ROLM |
| INDEX9810 | ECLIPSE DIRECTORY DISPLAY PROGRAM | 9810 | 'INDEX9810' IS AN IDMS UTILITY THAT DISPLAYS CERTAIN INFORMATION ABOUT ECLIPSE CPU DIAGNOSTICS. |
| INDEX9811 | 16XX DIRECTORY DISPLAY PROGRAM | 9811 | 'INDEX9811' IS AN IDMS UTILITY THAT DISPLAYS CERTAIN INFORMATION ABOUT 16XX CPU DIAGNOSTICS. |
| INDEX9811 | 16XX DIRECTORY DISPLAY PROGRAM | 9811 | 'INDEX9811' IS AN IDMS UTILITY THAT DISPLAYS CERTAIN INFORMATION ABOUT PERIPHERAL DIAGNOSTICS AND RELIABILITY TESTS. |
| INDEX9812 | PERIPHERALS DIRECTORY DISPLAY PROGRAM | 9812 | 'INDEX9812' IS AN IDMS UTILITY THAT DISPLAYS CERTAIN INFORMATION ABOUT 16XX CPU DIAGNOSTIC PROGRAMS. |
| INDEX9812 | PERIPHERALS DIRECTORY DISPLAY PROGRAM | 9812 | 'INDEX9812' IS AN IDMS UTILITY THAT DISPLAYS CERTAIN INFORMATION ABOUT PERIPHERAL DIAGNOSTICS AND RELIABILITY TESTS. |
| INDEX9813 | SPECIALS DIRECTORY DISPLAY PROGRAM | 9813 | 'INDEX9813' IS AN IDMS UTILITY THAT DISPLAYS CERTAIN INFORMATION ABOUT SPECIAL PRODUCTS DIAGNOSTICS. |
| INDEX9819 | IN-HOUSE DIRECTORY DISPLAY PROGRAM | 9819 | 'INDEX9819' IS AN IDMS UTILITY THAT DISPLAYS CERTAIN INFORMATION ABOUT DIAGNOSTICS FOR ROLM IN-HOUSE USE ONLY. |
| INS02 | 1602 INSTRUCTION TEST | 1602; 1650; 5605 | 'INS02' TESTS ALL STANDARD 1602 INSTRUCTIONS EXCEPT THE FLOATING POINT |
| INS03 | 1603 INSTRUCTION TEST | 1603 | 'INS03' TESTS ALL STANDARD 1603 INSTRUCTIONS |
| INS64 | 1664 INSTRUCTION TEST | 1606; 1664; 1666; 1666B | 'INS64' TESTS ALL STANDARD 1664 INSTRUCTIONS EXCEPT THE FLOATING POINT INSTRUCTIONS |
| INS64 | 1664 INSTRUCTION TEST | 1606; 1664; 1666 | 'INS64' TESTS ALL STANDARD 1664 INSTRUCTIONS EXCEPT THE FLOATING POINT |
| IOP | INPUT/OUTPUT PROCESSOR DIAGNOSTIC | 1626 | 'IOP' IS DIAGNOSTIC FOR THE INPUT/OUTPUT PROCESSOR DESIGNED TO DETECT AND ISOLATE HARDWARE FAILURES |
| IOPMON | INPUT/OUTPUT PROCESSOR MONITOR/DEBUGGER | 3610, 9811, 9812, 9813, 9819 | 'IOPMON' IS AN IDMS UTILITY POROGRAM THAT ALLOWS ONE TO EXECUTE DIAGNOSTIC PROGRAMS AND RELIABILITY TESTS IN THE I/O PROCESSOR. |
| IOT | I/O TESTER DIAGNOSTIC | 5623 | 'IOT' IS A DIAGNOSTIC FOR THE INPUT/OUTPUT TESTER DESIGNED TO DETECT AND ISOLATE HARDWARE FAILURES |
| LPT1 | LINE PRINTER DIAGNOSTIC I | 3334 WITH 3330, OPT 8; 3335 WITH 3330; 3336 WITH 3330, OPT 6; | LPT1' IS A DIAGNOSTIC FOR THE LINE PRINTER DESIGNED TO DETECT AND ISOLATE HARDWARE FAILURES. 'LPT3' SHOULD BE USED INSTEAD OF 'LPT1' WHERE POSSIBLE. |
| LPT2 | LINE PRINTER DIAGNOSTIC II | 3337 WITH 3330; | LPT2' IS A DIAGNOSTIC FOR THE LINE PRINTER DESIGNED TO DETECT AND ISOLATE HARDWARE FAILURES. 'LPT3' SHOULD BE USED INSTEAD OF 'LPT1' WHERE |
| LPT3 | LINE PRINTER DIAGNOSTIC III | 3336 WITH 3330, OPT 6; 3337 WITH 3330; 3371 WITH 3330; | 'LPT3' IS A DIAGNOSTIC FOR THE LINE PRINTER DESIGNED TO DETECT AND ISOLATE HARDWARE FAILURES |
| MAP66 | 1666 MAP UNIT DIAGNOSTIC | 1606; 1666; 1666B | 'MAP66' VERIFIES THE FOLLOWING FUNCTIONS OF THE 1666 MAP UNIT: EXECUTIVE MODE, USER MODE, AND I/O FEATURES |
| MASSMON | MSE/800 INPUT/OUTPUT PROCESSOR MONITOR/DEBUGGER | 9811, 9813, 9819 | 'MASSMON' IS AN IDMS UTILITY POROGRAM THAT ALLOWSONE TO EXECUTE DIAGNOSTIC PROGRAMS AND RELIABILITY TESTS IN THE MSE/800 I/O PROCESSOR. |
| MCAD | MULTIPROCESSOR COMMUNICATION ADAPTER DIAGNOSTIC | 3550 | 'MCAD' IS A DIAGNOSTIC FOR THE PARALLEL MULTIPROCESSOR COMMUNICATION ADAPTER DESIGNED TO DETECT AND ISOLATE HARDWARE FAILURES |
| MCAR | MULTIPROCESSOR COMMUNICATION ADAPTER RELIABILITY TEST | 3550, 3551A, 3552A | 'MCAR' IS A RELIABILITY PROGRAM FOR BOTH THE SERIAL AND PARALLEL PROCESSOR COMMUNICATION ADAPTERS DESIGNED TO VERIFY RELIABILITY OF THE ADAPTER AND TO DETECT DATA DEPENDENT FAILURES. |
| MCAR | MULTIPROCESSOR COMMUNICATION ADAPTER RELIABILITY TEST | 3550 | 'MCAR' IS A RELIABILITY PROGRAM FOR BOTH THE SERIAL AND PARALLEL PROCESSOR COMMUNICATION ADAPTERS DESIGNED TO VERIFY RELIABILITY OF THE ADAPTER AND TO DETECT DATA DEPENDENT FAILURES. |
| MCASD | MULTIPROCESSOR COMMUNICATION ADAPTER DIAGNOSTIC | 3551 | 'MCASD' IS A DIAGNOSTIC FOR THE SERIAL MULTIPROCESSOR PROCESSOR COMMUNICATION ADAPTER DESIGNED TO DETECT AND ISOLATE HARDWARE FAILURES. |
| MHDD | MOVING HEAD DISK DIAGNOSTIC | 3341 | 'MHDD' IS A DIAGNOSTIC FOR THE MOVING HEAD DISK DESIGNED TO DETECT AND ISOLATE HARDWARE FAILURES |
| MHDDR | MOVING HEAD DISK DIAGNOSTIC (ROLM) | 4050; 4150 | 'MHDDR' IS A DIAGNOSTIC FOR THE 4050 AND 4150 DISKS DESIGNED TO DETECT AND ISOLATE HARDWARE FAILURES. |
| MHDDZ | MOVING HEAD DISK DIAGNOSTIC (ZEBRA) | 4000 | 'MHDDZ' IS A DIAGNOSTIC FOR THE 4000 DISK DESIGNED TO DETECT AND ISOLATE HARDWARE FAILURES. |
| MHDFZ | MOVING HEAD DISK FORMATTER (ZEBRA) | 4000 | 'MHDFZ' IS A PROGRAM DESIGNED TO FORMAT THE 4000 DISK. |

| MHDR | MOVING HEAD DISK RELIABILITY TEST | 3341 | 'MHDR' IS A RELIABILITY PROGRAM FOR THE MOVING HEAD DISK DESIGNED TO VERIFY THE DATA RELIABILITY OF THE DISK AND TO DETECT DATA DEPENDENT |
|---|---|---|---|
| MHDRR | MOVING HEAD DISK RELIABILITY (ROLM) | 4050; 4150 | 'MHDRR' IS A RELIABILITY PROGRAM FOR THE 4050 AND 4150 DISKS DESIGNED TO VERIFY THE DATA RELIABILITY OF THE DISK AND TO DETECT DATA DEPENDENT FAILURES. IT INCLUDES A FORMATTING PROGRAM FOR THE DISKS. |
| MHDRZ | MOVING HEAD DISK RELIABILITY (ZEBRA) | 4000 | 'MHDRZ' IS A RELIABILITY PROGRAM FOR THE 4000 DISK DESIGNED TO VERIFY THE DATA RELIABILITY OF THE DISK AND TO DETECT DATA DEPENDENT FAILURES. |
| MSMON | MOTHER SYSTEM IDMS SYSTEM MONITOR | 9811, 9813, 9819 | 'MSMON' IS THE IDMS SYSTEM MONITOR (SYMON) FOR USE UNDER "MOTHER". |
| MSYS | MEMORY SYSTEM TEST | 1606; 1666; 1666B | 'MSYS' IS A RELIABILITY PROGRAM DESIGNED TO VERIFY CORRECT MEMORY OPERATION USING ADDRESS AND PATTERN CHECKS. |
| MTA1D | MAGNETIC TAPE DIAGNOSTIC | 3361 OR 3362 WITH 3360 | 'MTA1D' IS A DIAGNOSTIC FOR THE MAGNETIC TAPE UNITS DESIGNED TO DETECT AND ISOLATE HARDWARE FAILURES. |
| MTA2D | MAGNETIC TAPE DIAGNOSTIC | 3365, 3367 OR 3368 WITH 3364 | 'MTA2D' IS A DIAGNOSTIC FOR THE MAGNETIC TAPE UNITS DESIGNED TO DETECT AND ISOLATE HARDWARE FAILURES. |
| MTA2R | MAGNETIC TAPE RELIABILITY TEST | 3365, 3367 OR 3368 WITH 3364 | 'MTA2R' IS A RELIABILITY PROGRAM FOR THE MAGNETIC TAPE DRIVES DESIGNED TO VERIFY THE DATA RELIABILITY OF THE MAGNETIC TAPES AND TO DETECT DATA |
| MTMON | MAGNETIC TAPE IDMS SYSTEM MONITOR | 3610, 9810, 9811, 9812, 9813, 9819 | 'MTMON' IS THE MAGNETIC TAPE VERSION OF THE IDMS SYSTEM MONITOR (SYMON). |
| NTDS | NTDS 16/32 BIT NTDS INTERFACE | 3772; 3773; 3774; 3782; 3783; 3784; | 'NTDS' IS A DIAGNOSTIC FOR THE 16/32 INPUT AND OUTPUT NTDS INTERFACE DESIGNED TO DETECT AND ISOLATE HARDWARE FAILURES. |
| NTDSD | PARALLEL AND SERIAL NTDS DIAGNOSTIC | 3400; 3405; 3410; 3415; 3420; 3425; 3430; 3435; 3440 3445; 3450; 3455; 3460; 3465; 3470; 3475; 3480; 3485; 3490; 3495;9005 | 'NTDSD' IS A DIAGNOSTIC FOR THE PARALLEL AND SERIAL NTDS INTERFACE DESIGNED TO DETECT AND ISOLATE HARDWARE FAILURES |
| PARIO | PARALLEL I/O BUFFER DIAGNOSTIC | 3540 | 'PARIO' IS A DIAGNOSTIC FOR THE PARALLEL I/O BUFFER INTERFACE DESIGNED TO DETECT AND ISOLATE HARDWARE FAILURES |
| PINDEX | PERIPHERAL DIRECTORY DISPLAY PROGRAM | 9811 | 'PINDEX' IS AN IDMS UTILITY THAT DISPLAYS CERTAIN INFORMATION ABOUT PERIPHERAL DIAGNOSTICS AND RELIABILITY TESTS. |
| PIT | PROGRAMMABLE INTERVAL TIMER DIAGNOSTIC | 3505 | 'PIT' IS A DIAGNOSTIC FOR THE PROGRAMMABLE INTERVAL TIMER DESIGNED TO DETECT AND ISOLATE HARDWARE FAILURES |
| POWER | POWER FAIL/AUTO RESTART DIAGNOSTIC | 1602; 1603; 1606; 1650; 1664; 1666; 1666B; 5605;MSE/14; MSE/20; MSE/25; MSE/30 | 'POWER' IS A DIAGNOSTIC DESIGNED TO TEST THE POWER MONITOR AND AUTO-RESTART OPTION. IT TESTS FOR MEMORY RETENTION UPON POWER SHUT DOWN. |
| PRATS | PRINTER/TERMINAL ACTION TEST | 1642; 3300; 3300 OPT 33,40, 43,44; 3302; 3310; 3315; 3336 WITH 3330, OPT 6; 3337 WITH 3330; 3371 WITH 3330; 9008; | 'PRATS' IS A DIAGNOSTIC AND A RELIABILITY TEST DESIGNED TO THOROUGHLY TEST A LINE PRINTER OR A TERMINAL INTERFACED TO EITHER A TELETYPE INTERFACE, A QUAD-MUX A DATA CHANNEL LINE PRINTER INTERFACE, INTERFACE, OR AN ASYNCHRONOUS LINE MULTIPLEXER. |
| PTR1 | PAPER TAPE READER TEST I | 3300, 3321, 3325, 3326 | 'PTR1' IS DESIGNED TO TEST THE HIGH SPEED PUNCH AND THE HIGH SPEED READER. |
| PTR2 | PAPER TAPE READER TEST II | 3300, 3300; OPT 33,40,42; 3323 OR 3328 WITH 3320 | 'PTR2' IS A DIAGNOSTIC FOR THE PAPER TAPE READER DESIGNED TO DETECT AND ISOLATE HARDWARE FAILURES |
| PWR66 | 1666 POWER MONITOR AUTO-RESTART TEST | 1606; 1666; 1666B | 'PWR66' IS A DIAGNOSTIC DESIGNED TO TEST THE POWER MONITOR AND AUTO-RESTART OPTION. IT ALSO TESTS FOR MEMORY RETENTION UPON POWER SHUT |
| RAN02 | 1602 RANDOM ARITHMETIC TEST | 1602; 1650; 5605 | 'RAN02' TESTS THE OPERATION OF THE 1602 EXPANDED ARITHMETIC |
| RAN64 | 1664 RANDOM ARITHMETIC TEST | 1606; 1664; 1666; 1666B | 'RAN64' TESTS THE OPERATION OF THE 1664 EXPANDED ARITHMETIC INSTRUCTIONS |
| ROM02 | 1602 LOADER UTILITY ROM IMAGE | 2023 OPT 6 | 'ROM02' IS THE IMAGE OF THE 1602 LOADER/UTILITY ROM CONTAINING A BLOCK LOADER, MEMORY DIAGNOSTICS, UTILITY PROGRAMS, AND COMPUTATIONAL |
| ROM03 | 1603 LOADER UTILITY ROM IMAGE | 2023 OPT 16 | 'ROM03' IS AN IMAGE OF THE 1603 LOADER/UTILITY ROM CONTAINING A BLOCK LOADER, MEMORY DUMP AND I/O ROUTINES. |
| ROM05 | 5605 STANDARD BOOT PROM DIAGNOTIC | 9123 | 'ROM05' CONTAINS AN IMAGE OF 5605 STANDARD BOOT PROM AND VERIFIES PROM AGAINST IMAGE. |
| ROM66 | 1666 LOADER UTILITY ROM IMAGE | 1606; 1666 | 'ROM66' IS AN IMAGE OF THE 1666 LOADER/UTILITY ROM CONTAINING A BLOCK LOADER, MEMORY DIAGNOSTICS, UTILITY PROGRAMS, AND COMPUTATIONAL |
| RTC | REAL TIME CLOCK DIAGNOSTIC | 1642; 3300; 3300 OPT 33,41,42,43,44; 3503; 3504 | 'RTC' IS A DIAGNOSTIC FOR THE REAL TIME CLOCK DESIGNED TO DETECT AND ISOLATE HARDWARE FAILURES |
| S208 | ECHO DIAGNOSTIC PROGRAM | S208 (0208) | 'S208' IS A MAINTENANCE PROGRAM USED TO VERIFY THE DATA LINK BETWEEN 2 PROCESSORS USING 2 S208 DMA-SERIAL INTERFACES. THE PROGRAM TRANSMITS |
| S311 | DUAL SERIAL DMA DIAGNOSTIC | S311 (0311) | 'S311' IS A DIAGNOSTIC PROGRAM FOR THE S311 DUAL SERIAL DMA CARD DESIGNED TO DETECT AND ISOLATE HARDWARE FAILURES. |

| S422A | MK82 SERIAL INTERFACE DIAGNOSTIC | S422A | S422A (0422) THE S422A MK82 SERIAL INTERFACE DIAGNOSTIC TANSMITS AND VERIFIES DATA PATTERNS, TESTS I/O STATUS, AND FORCES PARITY ERRORS. |
|---|---|---|---|
| S522 | DISCREET I/O INTERFACE DIAGNOSTIC | S522 (0522) | 'S522' IS DESIGNED TO PLACE THE DISCREET I/O INTERFACE INTO THE BUILT-IN TEST MODE TO PERFORM FUNCTIONAL TESTS. IT CAN ALSO PERFORM FUNCTIOAL AND DATA TRANSFER TESTS WITH A LOOPBACK CABLE. |
| S530 | IN-CHASIS DIAGNOSTIC | S530 (0530) | 'S530' EXERCISES 2 S530'S BY CHECKING THEIR STATUS, TRANSFERING RANDOM DATA, AND GENERATING ERRORS. |
| S530R | S530 RELIABILITY TEST | S530 (0530) | S530R' IS DESIGNED TO EXERCISE A S530 SERIAL/DMA INTERFACE COMMUNICATIONS LINK BETWEEN 2 COMPUTERS. RANDOM DATA IS TRANSFERED AND VERIFIED BETWEEN THE MASTER AND SLAVE PROCESSORS. S530 (0530) WITH A COMMOM INTERNAL LOOPBACK BUS OR A LOOPBACK CABLE ON |
| S550 | NUCLEAR EVENT DETECTOR DIAGNOSTIC | S550 (0550) | 'S550', THE NUCLEAR EVENT DETECTOR DIAGNOSTIC, TESTS THE HARDWARE MODIFICATIONS THAT DETECT AND RECOVER FROM A NUCLEAR EVENT. |
| S569 | 128K SEMICONDUCTOR MEMORY DIAGNOSTIC | S569 (0569) | 'S569' IS DESIGNED TO EXERCISE AND FUNC- TIONALLY TEST THE SC RAM OF THE S569. IT DETERMINES THE ACCESSIBLE PORTION OF THE RAM, RUNS DATA PATTERN, CHECKS THE ERROR CORRECTION LOGIC, AND RUNS REFRESH TEST. |
| S571 | 128K SEMICONDUCTOR MEMORY DIAGNOSTIC | S571 (0571) | 'S571' IS DESIGNED TO EXERCISE AND FUNC- TIONALLY TEST THE SC RAM OF THE S571/S569. IT DETERMINES THE ACCESSIBLE PORTION OF THE RAM, RUNS DATA PATTERN, CHECKS THE ERROR CORRECTION LOGIC, AND RUNS REFRESH TEST. |
| S593 | RCU MUX DIAGNOSTIC | S593 (0593) | 'S593 IS A MAINTENANCE PROGRAM DESIGNED TO TEST AND DIAGNOSE A RCU |
| S758 | LINE PRINTER CARD DIAGNOSTIC | S758 (0758) | 'S758' IS A DIAGNOSTIC AND MAINTENANCE PROGRAM INTENDED PRIMARILY TO TEST THE DATAMETRICS DMC-1500 PRINTER USING A S758 INTERFACE. |
| S796 | EPROM I/O CARD DIAGNOSTIC | S796 (0796) | 'S796' CHECKS THE S796 EPROM CARD FOR PROPER OPERATION. IT HAS TEN TESTS; EACH OF WHICH CHECKS DIFFERENT FUNCTIONS OF THE CARD. THE PROGRAM REQUIRES SEVERAL WRITE MODES FOLLOWED BY A VERIFY FOR CORRECT DATA, THEN A PHYSICAL REMOVAL OF THE CARD FOR AN ERASE CYCLE |
| SCAMP | IDMS SYSTEM COMMAND ANALYSIS MANAGEMENT PROGRAM | 3610, 9810, 9811, 9812, 9813, 9819 | 'SCAMP' IS THE IDMS COMMAND LINE INTERPRETER. |
| SERIO | SERIAL DIFFERENTIAL I/O DIAGNOSTIC | 3545 | 'SERIO' IS A DIAGNOSTIC FOR THE SERIAL DIFFERENTIAL INTERFACE DESIGNED TO DETECT AND ISOLATE HARDWARE FAILURES |
| SINT | SIXTEEN SYSTEM INTERRUPT DIAGNOSTIC | 3549 | 'SINT' IS A DIAGNOSTIC FOR THE SYSTEM INTERRUPT INTERFACE DESIGNED TO DETECT AND ISOLATE HARDWARE FAILURES |
| SLM | SYNCHRONOUS LINE MULTIPLEXER DIAGNOSTIC | 3767, 9006 | 'SLM' IS A DIAGNOSTIC FOR THE SYNCHRONOUS LINE MULTIPLEXER DESIGNED TO DETECT AND ISOLATE HARDWARE FAILURES |
| SMCAD | SERIAL MULTIPROCESSOR COMMUNICATION ADAPTER DIAGNOSTIC | 3551A, 3552A | 'SMCAD' IS A DIAGNOSTIC FOR THE SERIAL MULTIPROCESSOR PROCESSOR COMMUNICATION ADAPTER DESIGNED TO DETECT AND ISOLATE HARDWARE FAILURES. |
| SMD66B | 1666B SEMICONDUCTOR MEMORY DIAGNOSTIC | 1666B | 'SMD66B' VERIFIES THE SEMICONDUCTOR MEMORY SYSTEM. |
| SMDD | STORAGE MODULE DIAGNOSTIC | 3355 | 'SMDD' IS A DIAGNOSTIC FOR THE STORAGE MODULE DESIGNED TO DETECT AND ISOLATE HARDWARE FAILURES |
| SMDR | STORAGE MODULE RELIABILITY TEST | 3355 | 'SMDR' IS A RELIABILITY TEST FOR THE STORAGE MODULE DESIGNED TO VERIFY THE DATA RELIABILITY OF THE DISK AND TO DETECT DATA DEPENDENT FAILURES. |
| SMIPL | STORAGE MODULE IPL WRITER | 3355 | 'SMIPL' IS A PROGRAM DESIGNED TO WRITE THE INITIAL PROGRAM LOAD (IPL) MICROCODE TO THE STORAGE MODULE CONTROLLER'S WRITABLE CONTROL STORE, FORMAT THE DISK AND INSTALL THE READ IPL PROGRAM ON THE DISK. |
| SRT02 | 1602 SYSTEM RELIABILITY TEST | 1602; 1650; 5605 | 'SRT02' IS A RELIABILITY PROGRAM DESIGNED TO CHECK THE CPU AND PERIPHERAL INTERACTION AFTER RUNNING THE INDIVIDUAL DIAGNOSTICS. |
| SRT03 | 1603 SYSTEM RELIABILITY TEST | 1603 | 'SRT03' IS A RELIABILITY PROGRAM DESIGNED TO CHECK THE CPU AND PERIPHERAL INTERACTION AFTER RUNNING THE INDIVIDUAL DIAGNOSTICS. |
| SRT66 | 1666 SYSTEM RELIABILITY TEST | 1606; 1664; 1666; 1666B | 'SRT66' IS A RELIABILITY PROGRAM DESIGNED TO CHECK THE CPU AND PERIPHERAL INTERACTION AFTER RUNNING THE INDIVIDUAL DIAGNOSTICS. |
| STK02 | 1602 STACK AND INTERRUPT TEST | 1602; 1650; 5605 | 'STK02' TESTS THE STACK ORIENTED INSTRUCTIONS AND INTERRUPT SEQUENCES |
| STK64 | 1664 STACK AND INTERRUPT TEST | 1606; 1664; 1666; 1666B | 'STK64' TESTS THE STACK ORIENTED INSTRUCTIONS AND INTERRUPT SEQUENCES |
| SYNC | SYNCHRONOUS INTERFACE TEST | 3762 | 'SYNC' IS A DIAGNOSTIC FOR THE SYNCHRONOUS INTERFACE DESIGNED TO DETECT AND ISOLATE HARDWARE FAILURES |
| TERMD | TELETYPE TEST II | 1642; 3300; 3300 OPT 33,40,43,44; 3310 | 'TERMD' IS A DIAGNOSTIC FOR THE TELETYPE DESIGNED TO DETECT AND ISOLATE HARDWARE FAILURES |
| TERMR | MULTI-TERMINAL EXERCISER/DIAGNOSTIC | 3301, 3302, 3315 | 'TERMR' IS A PROGRAM DESIGNED TO SIMULTANEOUSLY EXERCISE ONE OR MORE MODEL 3301, 3302, OR 3315 TERMINALS AND TO AID IN DETECTING AND |
| UYH3R | AN/UYH3 DISK DRIVE DIAGNOSTIC | UYH3 (0003) | 'UYH3R', THE RECORDER REPRODUCER SET RELIABILITY TEST IS DESIGNED AS A MAINTENANCE PROGRAM TO EXERCISE AND TEST THE CDC UYH3 WITH UP TO 4 DISKS COMMUNICATING THROUGH A NTDS INTERFACE. THE DISK DRIVE MAY BE |
| XMD64 | 1664 EXECUTIVE MODE DIAGNOSTIC | 1664 | 'XMD64' TESTS THE EXECUTIVE MODE INSTRUCTION SET HARDWARE AND FIRMWARE |