LABEL 000000000PRINTER00175098CC EXECUTE OBJECT/READ;FILE SOURCEFILE=SYMBOL/MEMDUMP;END←

OBJECT /READ

SYMBOL/MEMDUMP

```
                DISK-TYPE MEMORY DUMP TO TAPE                                   00000100
      COMMENT: * TITLE: B5500/B5700 MARK XIV SYSTEM RELEASE                *    00000110
               * FILE ID: SYMBOL/MEMDUMP  TAPE ID: SYMBOL2/FILE000           *  00000111
               * THIS MATERIAL IS PROPRIETARY TO BURROUGHS CORPORATION       *  00000112
               * AND IS NOT TO BE REPRODUCED, USED, OR DISCLOSED             *  00000113
               * EXCEPT IN ACCORDANCE WITH PROGRAM LICENSE OR UPON           *  00000114
               * WRITTEN AUTHORIZATION OF THE PATENT DIVISION OF             *  00000115
               * BURROUGHS CORPORATION, DETROIT, MICHIGAN 48232              *  00000116
               *                                                             *  00000117
               * COPYRIGHT (C) 1965, 1971, 1972 BURROUGHS CORPORATION        *  00000118
               *  AA759915   AA320206   AA386657                            *;  00000119
BEGIN                                                                           00000200
    LABEL  LOAD, START;                                                         00000300
    SAVE PROCEDURE INITIALIZE; FORWARD;                                         00000400
    ARRAY BUFFER=INITIALIZE[*];                                                 00000500
    REAL WRDESC,BSP,ERASE,REW;                                                  00000600
    REAL JUNK=5, TIMER=18, ALTIMER=17, IOB=19, DKADDR=@201;                     00000700
    REAL LASTMSKW=7, LASTIOADR=@10;                                             00000710
    REAL IOD=@25, MEMDISKIOD=@26;                                               00000720
    REAL DMPAREADR=@35, MEMDISKADR=@43;                                         00000730
    LABEL AROUND,DMPAREAIOD,BSTRAP,RETURN;                                      00000740
    LABEL     TIMEX;                                                            00000750
    REAL MFID,FID;                                                              00000760
    INTEGER ADRS,DISKBOTTOM,DFCU,EOFPTR;                                        00000770
    INTEGER ROW=BSP, ROWSIZE=ERASE, FILESIZE=REW;                               00000780
    BOOLEAN FIRSTIME,NODUMP,TOTAPE;                                             00000790
    ARRAY STACK[*];                                                             00000800
    ARRAY HDR[*];                                                               00000810
    ARRAY INFO[*];                                                              00000850
    ARRAY LOADBUTTON[15]←                                                       00000900
                        OCT0441000401570421,  % 01     20                       00001000
                        OCT0157000000104411,  % 02     21                       00001100
                        OCT0211001441310055,  % 03     22                       00001200
                        OCT4155124500004425,  % 04     23                       00001300
                        OCT0060013101600064,  % 05     24                       00001400
                        OCT4441010402530305,  % 06     25                       00001500
                        OCT0100023441310055,  % 07     26                       00001600
                        OCT0062011441310055,  % 08     27                       00001700
                        OCT0066013441310055,  % 09     30                       00001800
                        OCT0072015441310055,  % 10     31                       00001900
                        OCT0076017441310055,  % 11     32                       00002000
                        OCT5140000047700200,  % 12     33                       00002100
                        OCT0441100401004441,  % 13     34                       00002200
                        OCT0253010420527405,  % 14     35                       00002300
                        OCT7405005101002411;  % 15     36                       00002400
    ARRAY MESSAGE[33]←                                                          00003000
            "WHICH UN",OCT3163143700000000,          %0                         00003010
            "COULDNT ","WRITE-TR","Y AGAIN←",        %2                         00003100
            "COULDNT ","READ-FOR","GET IT← ",        %5                         00003200
            "ABCDEFHJ","KLMNPRST",                   %8                         00003300
            " LABEL  ",0,"MDUMP  ","199365","1993650", %10                      00003400
            "6400","64000","513","513000",0,                                    00003500
            "NOT ENOU","GH DISK ","AREA IN ",        %20                        00003510
            "OMEMORY ","ODUMP   ",                   %23                        00003520
            "NOT IN D","IRECTORY","←       ",        %25                        00003530
            "UNT NOT ","READY←  ",                   %28                        00003540
            "OK TO DU","MP AUXME","M←      ";        %30                        00003545
    REAL  MSG = MESSAGE;                                                        00003550
    SAVE REAL PROCEDURE RESULT;                                                 00003600
     BEGIN                                                                      00003700
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        RESULT←P(INI,0);                                                    00003800
    END;                                                                    00003900
SAVE REAL PROCEDURE INVADDR;                                                00004000
    BEGIN TIMER←ALTIMER;                                                    00004100
        INVADDR←RESULT;                                                     00004200
        TIMER←IOB                                                           00004300
    END INVADDR;                                                            00004400
NAME RD;                                                                    00004500
INTEGER I,CORE, PROCID=+1;                                                  00004600
STREAM PROCEDURE MOVE(N,M,FROM,TOO); VALUE N,M,FROM;                        00004700
    BEGIN SI←FROM; DI←TOO; M(DS←32 WDS; DS←32 WDS); DS←N WDS END;           00004800
SAVE REAL PROCEDURE DOIO(DESC,MASK); VALUE DESC,MASK;                       00004900
                                     REAL DESC,MASK;                        00004910
    BEGIN                                                                   00005000
     DO BEGIN P([DESC],IIO);                                                00005100
        DO UNTIL (I←RESULT)≠0;                                              00005200
        DOIO←RD[I],[26:7]                                                   00005300
    END UNTIL (PROCID AND MASK) =0;                                         00005400
    END;                                                                    00005500
DEFINE IO(IO1)=DOIO(IO1,5)#;                                                00005510
DEFINE ARROW="←"#;                                                          00005520
SAVE PROCEDURE SPOUT(WHICH); VALUE WHICH; INTEGER WHICH;                    00005600
    BEGIN                                                                   00005700
        DO UNTIL IO(WHICH INX MSG)=0;                                       00005800
    END;                                                                    00005900
SAVE PROCEDURE NOTREADY(LUN); VALUE LUN; REAL LUN;                          00005910
    BEGIN                                                                   00005920
        STREAM(A←IF LUN<16 THEN "MT" ELSE "DK",                             00005930
               N←IF LUN<16 THEN LUN ELSE LUN-18,                            00005940
               M←MSG INX 8,D←MSG INX 28);                                   00005950
        BEGIN SI←LOC A; SI←SI+6; DS←2CHR;                                   00005960
            SI←M; N(SI←SI+1); DS←CHR;                                       00005970
        END;                                                                00005980
        SPOUT(28);                                                          00005990
    END NOTREADY;                                                           00006000
SAVE PROCEDURE KEYIN(WHICH); VALUE WHICH; INTEGER WHICH;                    00006010
    BEGIN                                                                   00006020
        SPOUT(WHICH);                                                       00006030
        DO UNTIL IO(BUFFER INX @7400000040000000)=0;                        00006040
        STREAM(BUFFER);                                                     00006050
        BEGIN                                                               00006060
            DI←DI-1; DS←LIT"<"; SI←BUFFER;                                  00006070
        L:  IF SC=" " THEN BEGIN SI←SI+1; GO L; END;                        00006080
        X:  IF SC NEQ ARROW THEN                                            00006090
            BEGIN                                                           00006100
                IF SC NEQ "<" THEN DS←CHR ELSE %BACKSPACE                   00006110
                BEGIN                                                       00006120
                    DI←DI-1; IF SC NEQ DC THEN DI←DI-1;                     00006130
                END;                                                        00006140
                GO X;                                                       00006150
            END;                                                            00006160
            DS←CHR;                                                         00006170
        END;                                                                00006180
    END KEYIN;                                                              00006190
DEFINE DR(DR1,DR2,DR3)=DISKIO(DR1,-(DR2),DR3)#,                             00006200
    DISKREAD=DR#, DISKWRITE=DISKIO#,                                        00006210
    READ(READ1)=DISKIO(BUFFER[0],-512,DKADDR+READ1)#;                       00006220
SAVE PROCEDURE DISKIO(BUFF,SIZE,DISKADR);                                   00006230
    VALUE SIZE,DISKADR;                                                     00006240
    REAL BUFF,SIZE,DISKADR;                                                 00006250
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```
          BEGIN LABEL OUT;                                                    00006260
                REAL N,DF,DISK;                                               00006270
                STREAM(BUFF←0:DISKADR,W←SIZE>0,IOBUFF←P(.BUFF,LOD));          00006280
                BEGIN                                                         00006290
                      SI←LOC DISKADR; W(DI←DI-8);                             00006300
                      BUFF←DI; DS←8 DEC;                                      00006310
                END STREAM;                                                   00006320
                DISK←P; % LOCN OF DISK ADDRESS                                00006330
                DF←IF M[DISK].[5:1] THEN 12 ELSE DFCU;                        00006340
                DISK←DISK &DF[3:43:5] & SIZE[24:1:1] &                        00006350
                      ((ABS(SIZE)+29) DIV 30)[27:42:6];                       00006360
                DO IF IO(DISK)=0 THEN GO OUT                                  00006370
                UNTIL (N←N+1) ≥ 50;                                           00006380
                IF SIZE>0 THEN % WRITE                                        00006390
                BEGIN                                                         00006400
                      SPOUT(2); GO START;                                     00006410
                END;                                                          00006420
                SPOUT(5); DO UNTIL FALSE;                                     00006430
          OUT: END DISKIO;                                                    00006440
          SAVE BOOLEAN PROCEDURE NOGOODFILE;                                  00006450
                BEGIN LABEL FOUND,SPOIT,OUT;                                  00006460
                INTEGER MAXROWSIZE;                                           00006470
                INTEGER I=JUNK;                                               00006480
                DEFINE S(S1,S2)=                                              00006490
                DISKBOTTOM - 2×(                                              00006500
                (S1.[6:18]+S1.[24:24]) MOD MODULUS × MODULUS +                00006510
                (S2.[6:18]+S2.[24:24]) MOD MODULUS)#,                         00006520
                SCRAMBLE=S#, MODULUS=13#,                                     00006530
                MATCH(MATCH1,MATCH2)=(MATCH1 EQV MATCH2)=NOT FALSE#;          00006540
                ADRS←SCRAMBLE(MFID,FID);                                      00006550
                DO BEGIN                                                      00006560
                      DISKREAD(HDR[0],60,ADRS);                               00006570
                      FOR I←1 STEP 3 UNTIL 58 DO                              00006580
                      BEGIN                                                   00006590
                            IF MATCH(MFID,HDR[I]) THEN                        00006600
                            IF MATCH(FID,HDR[I+1]) THEN                       00006610
                            BEGIN                                             00006620
                                  ADRS←HDR[I+2].[33:15];                      00006630
                                  DISKREAD(HDR[0],30,ADRS);                   00006640
                                  GO FOUND;                                   00006650
                            END;                                              00006660
                      END;                                                    00006670
                END UNTIL (ADRS←HDR[3].[18:15]) = 0;                          00006680
                GO SPOIT;                                                     00006690
          FOUND: FOR I←1 STEP 1 UNTIL 20 DO                                   00006700
                IF HDR[10+I] NEQ 0 THEN MAXROWSIZE←MAXROWSIZE+1;              00006710
                IF (FILESIZE←MAXROWSIZE×(ROWSIZE←HDR[9] DIV 18))<64 THEN      00006720
                BEGIN                                                         00006730
                      ADRS←1;                                                 00006740
          SPOIT:      STREAM(MFID,FID,ADRS,D←MSG INX 23);                     00006750
                      BEGIN SI←LOC MFID;                                      00006760
                            2(SI←SI+1;                                        00006770
                            7(IF SC=" " THEN SI←SI+1 ELSE DS←CHR);            00006780
                            DS←LIT"/");                                       00006790
                            DI←DI-1; ADRS(JUMP OUT TO EXT);                   00006800
                            DS←17LIT" NOT IN DIRECTORY";                      00006810
                      EXT:  DS←LIT ARROW;                                     00006820
                      END STREAM;                                             00006830
                      SPOUT(23+ADRS×3); GO OUT;                               00006840
                END;                                                          00006850
```

```
                EOFPTR←-1;                                                  00006860
                IF FALSE THEN                                               00006870
OUT:            NOGOODFILE←TRUE;                                            00006880
        END NOGOODFILE;                                                     00006890
SAVE PROCEDURE WRITE(DELTA); VALUE DELTA; REAL DELTA;                       00006900
        BEGIN REAL C,N;                                                     00007000
                LABEL IN,OUT;                                               00007100
                GO IN;                                                      00007200
              DO BEGIN C←IO(BSP)+IO(ERASE);                                 00007300
IN:                 IF(C←IO(DELTA INX WRDESC))=0 THEN GO OUT;               00007400
                    IF C.[44:1] AND NOT RD[I],[11:1] AND RD[I].[2:1]        00007500
                                                THEN GO OUT;                00007600
                END UNTIL (N←N+1)≥12;                                       00007700
                C←IO(REW);                                                  00007800
                IF DELTA=1 THEN GO OUT;                                     00007900
                SPOUT(2);                                                   00008000
                BUFFER[1]←M[MSG INX 10];                                    00008100
                FOR I←2 STEP 1 UNTIL 20 DO BUFFER[I]←0;                     00008200
                WRDESC.[8:16]←@001205; % MAKE SURE ITS BINARY               00008300
                WRITE(1);                                                   00008400
                WRDESC.[8:10]←513; % RESTORE IT                             00008410
                GO START;                                                   00008420
OUT: END WRITE;                                                             00008500
SAVE PROCEDURE DUMP(DELTA,CORE); VALUE DELTA,CORE; REAL DELTA,CORE;         00008600
        BEGIN                                                               00008610
                INTEGER DISKADR=CORE;                                       00008620
                BUFFER[DELTA]←CORE;                                         00008630
                IF TOTAPE THEN WRITE(DELTA) ELSE                            00008640
                BEGIN                                                       00008650
                    ROW←(EOFPTR←EOFPTR+1) DIV ROWSIZE;                      00008660
                    DISKADR←HDR[11+ROW]+(EOFPTR MOD ROWSIZE)×18;            00008670
                    DISKWRITE(BUFFER[DELTA],513,DISKADR);                   00008680
                END;                                                        00008690
        END DUMP;                                                           00008700
SAVE PROCEDURE DUMPAUXMEM(U); VALUE U; REAL U;                              00008710
        BEGIN LABEL AUS,OUT;                                                00008720
                INTEGER N=JUNK;                                             00008730
                IF NOT TOTAPE THEN                                          00008740
                IF FILESIZE-EOFPTR LSS 64 THEN GO OUT;                      00008750
                IF NOT FIRSTIME THEN                                        00008760
                BEGIN FIRSTIME←TRUE;                                        00008770
                    KEYIN(30);                                              00008780
                    STREAM(T←0:BUFFER);                                     00008790
                    BEGIN SI←BUFFER; TALLY←1; IF SC="0" THEN                00008800
                        BEGIN SI←SI+1; IF SC="K" THEN TALLY←0; END;         00008810
                        T←TALLY;                                            00008820
                    END;                                                    00008830
                    NODUMP←P;                                               00008840
                END;                                                        00008850
                IF NODUMP THEN GO OUT;                                      00008860
                FOR CORE←0 STEP 512 UNTIL 32767 DO                          00008870
                BEGIN N←0;                                                  00008880
                    DO IF IO((BUFFER INX 1)&(U+32)[2:42:6]&                 00008890
                        CORE[18:33:15]&512[8:38:10])=0 THEN GO AUS          00008900
                    UNTIL (N←N+1) ≥ 25;                                     00008910
AUS:                DUMP(0,CORE&U[3:43:5]&(N ≥ 25)[1:47:1]);                00008920
                END;                                                        00008930
OUT: END DUMPAUXMEM;                                                        00008940
SAVE PROCEDURE WRTM;                                                        00009000
        BEGIN                                                               00009100
```

```
            WRDESC.[8:25]←0;                                                00009200
            BUFFER[0]←0&@173/[2:38:10];                                     00009300
            WRITE(0); WRDESC.[8:16]←@100105                                 00009400
      END WRTM;                                                             00009500
SAVE PROCEDURE LBL(B); VALUE B; BOOLEAN B;                                  00009600
      BEGIN                                                                 00009700
            IF B THEN                                                       00009800
            BEGIN                                                           00009810
                  WRTM;                                                     00009850
            END;                                                            00009860
            MOVE(10,0,MSG INX 10 ,BUFFER);                                  00009900
            WRDESC.[8:10]←10; WRITE(0);                                     00010000
            WRTM;                                                           00010200
      END TAPE LABELING;                                                    00010300
SAVE INTEGER PROCEDURE UNIT;                                                00010400
      BEGIN LABEL TRYAGAIN;                                                 00010500
            DO BEGIN                                                        00010600
TRYAGAIN:         KEYIN(0);                                                 00010700
            STREAM(Q←0:BUFFER,I←INFO INX 0,M←MSG INX 8);                    00010800
            BEGIN                                                           00010900
                  DI←I; DS←8LIT" "; SI←I; DS←20 WDS;                        00011000
                  DI←I; DI←DI+5; SI←BUFFER;                                 00011010
            L:    IF SC NEQ ARROW THEN BEGIN DS←CHR; GO L; END;             00011020
                  SI←I; SI←SI+5; DI←M;                                      00011030
                  IF SC="D" THEN                                            00011040
                  BEGIN SI←SI+1; IF SC="K" THEN                             00011050
                        BEGIN SI←SI+1; IF SC="B" THEN                       00011060
                              TALLY←20 ELSE TALLY←19;                       00011070
                        END; GO AWAY;                                       00011080
                  END;                                                      00011090
                  IF SC="M" THEN SI←SI+1 ELSE GO AWAY;                      00011100
                  IF SC="T" THEN SI←SI+1 ELSE GO AWAY; TALLY←1;             00011200
                  16(IF SC=DC THEN JUMP OUT TO AWAY;                        00011300
                  TALLY←TALLY+1; SI←SI-1);                                  00011310
                  TALLY←0;                                                  00011320
            AWAY: Q←TALLY;                                                  00011400
            END STREAM;                                                     00011500
      END UNTIL (I←P)>0;                                                    00011600
      IF (UNIT←I←I-1)>15 THEN                                               00011610
      BEGIN                                                                 00011620
            DFCU←IF I=19 THEN 12 ELSE 6;                                    00011630
            IF NOGOODFILE THEN GO TRYAGAIN;                                 00011640
      END;                                                                  00011650
END UNIT;                                                                   00011800
SAVE PROCEDURE INITIALIZE;                                                  00011900
      BEGIN                                                                 00012000
            P(@110,STS); % LEAVE ROOM FOR INTERRUPT STACK                   00012100
            MSG←MESSAGE INX @740000000000000;                               00012200
            BUFFER←(1 INX ABS(BUFFER))& 1023[8:38:10];                      00012300
            INFO←[BUFFER[540]]& 21[8:38:10];                                00012310
            HDR←[BUFFER[561]]& 61[8:38:10];                                 00012320
            STACK←[BUFFER[621]]& 51[8:38:10];                               00012330
            FOR I←19 STEP 1 UNTIL 22 DO M[I]←TIMER;                         00012400
            FOR I←27 STEP 1 UNTIL 48 DO M[I]←M[I+23]←TIMER;                 00012500
            RD←[M[11]];                                                     00012600
            STREAM(S←6,D←P(,DKADDR)); BEGIN SI←S; DS←8 OCT END;             00012700
            WRDESC←BUFFER INX @3001050000000;                               00012710
            MFID←M[MSG INX 23]; % "0MEMORY "                                00012720
            FID←M[MSG INX 24]; % "0DUMP   "                                 00012730
            DFCU←6; % DKA                                                   00012740
```

```
                DISKREAD(HDR[0],30,0); % READ SEG ZERO                          00012750
                DISKBOTTOM←HDR[5]-2; % FOR SEARCHING BYPASS                     00012760
            END INITIALIZE;                                                     00012800
LOAD    :16: INITIALIZE; GO START;    % FIRST CELL ON H/L                      00012900
        :17: P(0,RTN);                                                         00013000
TIMEX   :18: DO P(INI) UNTIL 0;       % TIMER                                  00013100
        :20: GO TO TIMEX;             % SPO INTERRUPT                          00013140
        :21: GO TO TIMEX;             % LPA INTERRUPT                          00013160
        :22: GO TO TIMEX;             % LPB INTERRUPT                          00013180
        :23: P(1,RTN);                % IO-1 COMPLETE                          00013200
        :24: P(2,RTN);                % IO-2 COMPLETE                          00013300
        :25: P(3,RTN);                % IO-3 COMPLETE                          00013400
        :26: P(4,RTN);                % IO-4 COMPLETE                          00013500
        :28: GO TO TIMEX ;            % DATACOM INTERRUPT                      00013550
        :30: GO TO TIMEX;             % RETURN FREE ADDRESS DF1                00013560
        :31: GO TO TIMEX;             % RETURN FREE ADDRESS DF2                00013570
        :32: P(@1200,0,0,0);          % MEMORY (@5000000000000000)             00013580
        :49: P(1,RTN);                % INV ADDRESS P1                         00013600
% START OF SECOND BINARY CARD                                                  00013605
      :@100: GO AROUND;                                                        00013610
BSTRAP :@101: STREAM(S←@160,D←@20);                                            00013615
                BEGIN                                                          00013620
                    SI←S; 63(DS←68 WDS);                                       00013625
                END;                                                           00013630
                GO TO P([M[@20]]);                                             00013635
RETURN :@105: STREAM(S←@241,D←@14);                                            00013640
                BEGIN                                                          00013645
                    SI←S; DS←4 WDS;                                            00013650
                END;                                                           00013655
                M[6]←MEMDISKADR;                                               00013660
                P(0,STF,0,STS);                                                00013665
                GO TO P([M[@14]]);                                             00013670
AROUND      :: MEMDISKADR←DMPAREADR;                                           00013675
                P(0,,LASTMSKW,LOD); % PUT LASTMSKW IN @102                     00013680
                STREAM(MINUS1←@41,ADR←P(.MEMDISKADR),ZERO←0);                  00013685
                BEGIN                                                          00013690
                    SI←LOC MINUS1; DI←ADR; DS←8 ADD;                           00013695
                    SI←ZERO; DS←30 WDS;                                        00013700
                    DI←LOC MINUS1; DI←DI-6; % MSKW                             00013705
                    SKIP 5 DB; DS←SET; % SET SUB-PROGRAM                       00013710
                END;                                                           00013715
                M[@53]←P(XCH);                                                 00013720
                M[@54]←M[@21];                                                 00013725
                IOD←P(.DMPAREAIOD,LOD);                                        00013730
                M[@37]←[M[@245]]; % RETURN                                     00013735
                GO TO P([M[@24]]);                                             00013740
DMPAREAIOD::: @0140000000100043 % 1 SEG DISK WRITE TO DMPAREA/DISK             00013745
 START    :* : P(STACK,STS);                                                   00013750
                IF TOTAPE←UNIT LSS 16 THEN                                     00013760
                BEGIN                                                          00013770
                BSP←(WRDESC←WRDESC&I[3:44:4])&15[8:31:17];                     00013800
                REW←(ERASE←WRDESC&1[18:47:1])&1[22:47:1];                      00014000
                IF DOIO(REW,1).[45:1] THEN % UNIT NOT RDY                      00014050
                BEGIN                                                          00014060
                    NOTREADY(REW,[3:4]);                                       00014070
                    GO START;                                                  00014080
                END;                                                           00014090
                LBL(FALSE);                                                    00014100
                END;                                                           00014110
                READ(0);                                                       00014200
```

```
            DUMP(0,0);                                                  00014300
            READ(17);                                                   00014400
            DUMP(2,512);                                                00014500
            READ(34);                                                   00014600
            DUMP(4,1024);                                               00014700
            MOVE(15,0,4081,M[3985]); % MEMORY SHIFTED BY LOADER         00014800
            READ(51); MOVE(0,2,1824,BUFFER[391]); % MOD OFFSET @140     00014900
            DUMP(6,1536);                                               00015000
            FOR CORE←2048 STEP 512 UNTIL 3584 DO                        00015100
            BEGIN                                                       00015200
                 MOVE(0,8,CORE-96,BUFFER[1]);                           00015300
                 DUMP(0,CORE);                                          00015400
            END;                                                        00015500
            CORE←4096;                                                  00015600
            MOVE(20,0,INFO INX 1,BUFFER[513]);                          00015610
          DO BEGIN MOVE(0,8,CORE,BUFFER[1]);                            00015700
                 IF INVADDR THEN CORE←-CORE;                            00015800
                 DUMP(0,CORE);                                          00015900
                 IF CORE<0 THEN CORE←3584-CORE;                         00016000
            END UNTIL (CORE←CORE+512).[18:15];                          00016100
            IF TOTAPE THEN                                              00016110
            BEGIN                                                       00016120
                 WRDESC.[8:10]←20;                                      00016140
                 WRITE(513);                                            00016150
                 WRDESC.[8:10]←513;                                     00016160
            END;                                                        00016170
            IF P(RRR).[31:1] THEN DUMPAUXMEM(4);                        00016180
            IF P(RRR).[30:1] THEN DUMPAUXMEM(8);                        00016190
            IF TOTAPE THEN                                              00016200
            BEGIN                                                       00016210
                 LBL(TRUE);                                             00016220
                 P(IO(REW),DEL);                                        00016230
            END ELSE                                                    00016250
            BEGIN                                                       00016260
                 HDR[1]←@0102501025000122; % (2,533)                    00016270
                 HDR[8]←EOFPTR;                                         00016280
                 DISKWRITE(HDR[1],30,ADRS);                             00016290
            END;                                                        00016300
            STREAM(A←LOADBUTTON,[33:15],D←16)          ;BEGIN SI←A;     00016400
                 DI←D;      DS←15 WDS END;                             00016450
            P(0,STS,0,STF)                                              00016500
       ; GO TO LOAD ;                                                   00016600
  END OF PROGRAM.                                                       00016700
  ;%      CODE=          INTRINSIC NUMBER=@32          %WF       00014600 T  0000
  :0      0000000000000000)x≥A404+                     REAL      X;%
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LABEL 000000000PRINTER00175098CC EXECUTE OBJECT/READ;FILE SOURCEFILE=SYMBOL/MEMDUMP;END←

OBJECT /READ