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Schoenbach

Please return.

Thank you!

V5@unc.edu

J E S 2 J O B L O G -- S Y S T E M 3 0 8 1 -- N O D E I U C C

00:20:37 JOB 69222 \$ BPSPRTY STARTED - INIT 22 - CLASS E - SYS 3081
 00:20:37 JOB 69222 * TIME=233A M 600, UNCC083, PUB BPSPRTY, G, BPSRCE
 00:22:55 JOB 69222 \$ TIME= : DISK= : CPU= 69 UR= : I/O= : TAP= :
 00:22:55 JOB 69222 \$ OUTPUT LINE= ENDED 6156 CARDS= 6172 TAP= 0 PLOTS= 0 MCCLURE
 00:22:55 JOB 69222 \$ BPSPRTY

----- JES2 JOB STATISTICS -----
 01 MAR 85 JOB EXECUTION DATE
 6,187 CARDS READ
 511,733 SYSOUT PRINT RECORDS
 2,330 SYSOUT PUNCH RECORDS
 MINUTES SPOOL BYTES
 ELAPSED TIME

UNC.PC.F725N

```

1 //BPSPRT4 JOB UNC.PC.F725N,MCCLURE,PRTY=4,COND=(9,LT),TIME=1, JOB 6922
//MSGLEVEL=(1,1) 0000C020
//JOBPARM FOMHS=1121,L=10 0000C003
// EXEC COPY 0000C040
***** 0000C010
*** COPY - GENERAL PURPOSE COPY PROGRAM 0000C020
*** FOR DOCUMENTATION SEE TUCC MEMORANDUM LS - 103 0000C030
*** UNIVERSITY OF NORTH CAROLINA COMPUTATION CENTER 0000C040
*** SEPTEMBER 1980 0000C050
***** 0000C060
*** PROGRAMMING SERVICES GROUP 0000C070
*** 0000C080
*** 0000C090
*** 0000C100
***** 0000C110
*** PROC VER=CUR 0000C120
XXC COPY EXEC PGM=COPY WARNING - "LIST" OPTION IS DEFAULT 0000C130
VAG DD DSN=UNCCO.COPY,LOAD,VER&VER,DISP=SHR 0000C140
XXSTEP LIB DD SYSDOUT=A 0000C150
XXSYSPRINT DD SMFSECF(BPSPRT4) DISP=OLD,UNIT=DISK,VOL=SER=UNCC039, 0000C050
// INPUT DD RECFM=FB,LRECL=80,BLKSI=1,E=7280) 0000C060
// DCR= (RECFM=FB,LRECL=80,BLKSI=1,E=7280)

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UNC Computation Center

* * * UNCCC General Purpose Copy Utility Program * * *

Version 1

INPUT RECFM: FB LRECL: 80 BLKSIZE: 7280

Input data set will only be listed

BIBLIOGRAPHIC/MARC PROCESSING SYSTEM
 PRINT PROGRAM

LANGUAGE IS IBM OS AMERICAN NATIONAL STANDARD COBOL
 VERSION 3.
 SOURCE VERSION IS AT BEGINNING OF WORKING-STORAGE.
 TWO ASSEMBLER ROUTINES ("PIM" AND "CLOCK") ARE CALLED;
 BOTH ARE USED ONLY FOR NON-ESSENTIAL
 DIAGNOSTIC FUNCTIONS AND CAN BE REMOVED.

IDENTIFICATION DIVISION.
 PROGRAM-ID .PSPHT.
 AUTHOR .VICTOR J. SCHOENBACH.
 ENVIRONMENT DIVISION.
 CONFIGURATION SECTION.
 SOURCE-COMPUTER .IBN-370-165.
 OBJECT-COMPUTER .IBN-370-165.
 SPECIAL-NAMES SECTION.
 INPUT-OUTPUT SECTION.
 FILE-CONTROL.

MARCFIL ASSIGN TO UT-S-MARCIN.
 (MARC-FORMAT INPUT FILE; RECORDS MAY
 HAVE PRINT ASSIGN TO UT-S-PRNTFIL.
 SELECT OPTION STATEMENT TO UT-S-PLIB.
 SELECT (OPTION STATEMENT TO UT-S-PARMFIL) PARMFIL CITATION
 (PARAMETER FILE CONTAINS LAST EXECUTION)

DATA DIVISION.
 FILE SECTION.
 MARCFIL CONTAINS 0 RECORDS
 BLOCK RECORDS ARE STANDARD
 LABEL RECORDS ARE STANDARD
 RECORDING V.
 MARCFIL
 XDATA
 MVAR
 MDIR OCCURS 362 TIMES INDEXED BY IND IMD2.
 MDTAG
 MDTG1 PICTURE X.
 MDTG2 PICTURE X(2).
 MDTGSEQ PICTURE X(3).
 MDALPHA PICTURE X(3).

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01 MRECORD 12 MDACT PICTURE X(4) COMPUTATIONAL
04 MDLENGTH 12 PICTURE 9(4) COMPUTATIONAL
08 MDADDD PICTURE 9(4) COMPUTATIONAL
08 MSRTKY PICTURE X OCCURS 256 TIMES
04 FILLER REDEFINES INDEXED BY IMS.
08 FILLER PIC X(2).
08 MCOMPIETTER PIC X(253).
04 FILLER PIC X(16). COMP:
08 FILLER PIC S9(8). COMP:
04 MSRTCTITNO OCCURS 4 TIMES INDEXED BY IMSD.
08 MSRTDIR PICTURE X(3).
08 MSTTAG PICTURE X(3).
08 MSALPHA PICTURE X(4).
08 MSACT PICTURE X(4). COMPUTATIONAL.
08 MSLENGTH PICTURE 9(4).
08 MSADDDR PICTURE X(6). COMPUTATIONAL.
08 MSRTSUBCODES PICTURE X(92).
04 SDAT PICTURE X(4088).
04 FILLER
01 MRECORD 08 M X PICTURE X OCCURS 4436 TIMES
DEPENDENDING ON XBIN
INDEXED BY IM IM1 IM2 IM3.
01 FILLER 04 FILLER PIC X(2).
08 FILLER
08 MCOMPKKEY PIC X OCCURS 4434 TIMES
DEPENDENDING ON COMPKYLENGTH.
12 FILLER
FD PRINT LABEL RECORDS ARE STANDARD
BLOCK CONTAINS 0 RECORDS
01 PRECORD FILE LABEL RECORDS ARE STANDARD RECORDING F
DEFAULT BLOCK CONTAINS 0 RECORDS.
08 08 DEFAULT-TYPE PICTURE X
08 08 DEFAULT-HEADER VALUE ***
12 12 DEFAULT-DATA PIC X(8)
12 12 FILLER PIC X(71).
FD OPCARD RECORDS ARE STANDARD
LABEL CONTAINS 0 RECORDS
RECORDING F.
00005100
00005200
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00006000
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00006200
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00009900
00010000

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* 01 CARDIN PICTURE X(80) .
* 01 NOTE: CHANGE PARMBRD SIZE WHEN SKED IS CHANGED.
* 01 PARMBRD LABEL RECORDS ARE STANDARD RECORDING MODE IS F.
* 01 PARMBRD FILLER PICTURE X(80) .

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EJECT WORKING-STORAGE SECTION .
01 SOURCE-VERSION VALUE .VERSION 4.1 28 MAR 77 .

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* CONTROL CARD FORMATS FOLLOW
* NOTE: BYTES 81 - 85 ARE RESERVED FOR GENERATED INFORMATION .
* BYTES 86 - 90 ARE RESERVED FOR GENERATED SEQUENCE NUMBER .

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* NOTE: FORMAT INCLUDES AN ADDITIONAL 10 BYTES FOR
* GENERATED INFORMATION .

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* NOTE: OPTION CODES USED IN CONTROL CARDS MUST BE CONSISTENT
* WITH THOSE CONTAINED UNDER *01 CONSTANTS * AND
* CHECKED FOR IN THE CARD EDIT ROUTINES BELOW .
* 01 FILLER PICTURE X(8) VALUE .CARDWORK .
* 01 CARDWORK .

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88 SEARCH-TITLE-OPCARD VALUE .# .
88 OPTION-CARD-HOLD-OPCARD VALUE .# .
88 SPECIAL-RUN-OPCARD VALUE .# .
88 REPORT-OPCARD VALUE .# .
88 PAGE-HEADING-OPCARD VALUE .# .

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88 FORMAT-OPCARD VALUE .# .
88 LINE-PARA-OPCARD VALUE .# .
88 SCANFITS-OPCARD VALUE .# .
88 TAGDATA-OPCARD VALUE .# .
88 SYMBOLIC-PARAM-OPCARD VALUE .# .
88 CALLHOLD-OPCARD VALUE .# .
88 DEFAULTFILE-OPCARD VALUE .# .
88 END-OPCARD VALUE .# .
88 PARTIAL-REPLACEMENT VALUE .# .

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08 CSERIES .
12 CSERIES1X PICTURE X .
88 ERASE-OPHOLD VALUE .# .
12 CSERIES2X PICTURE X .
88 OVERRIDE-OPCARD VALUE .# .

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08 CDATA .
12 CDDELETE-OPCODE PICTURE X .
88 CDDELETE-OPCARD VALUE .# .
12 CDFIRST6 .
16 FILLER PICTURE X .

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00010200
00010300
00010400
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16 CC016 DDEFES. PIC X.
16 CIGRPPD PIVL. PIC X.
20 CIGRPPCONV. PIC X(3);
16 FILLER. PIC X(61);
12 CCOL73. PIC X(5);
12 CTTSET-LEVEL. PIC X(5);
12 CONTINUATION-LEVEL. PIC X(5);
88 CONTINUATION-DEF. VALUE SPACE;
88 CONTINUATION-OPCARD. VALUE ;
88 CONTINUATION-OPCARD. VALUE ;
88 CONTINUATION-OPCARD. VALUE ;
88 DUAL-PURPOSE-OPCARD. VALUE ;
08 FILLER. PICTURE X(4);
08 CSEBNO. PICTURE X;
12 CTTSET-CODE. PICTURE X(2);
12 CSEK01. PICTURE X;
12 CSEK01. PICTURE X;
12 CPOBMT. PICTURE X;
08 CCODE. PICTURE X;
66 CCOL51-6. RENAMES CTYPE THRU CCOL6. PICTURE X THRU CCOL6;
66 CCOL57-73. RENAMES CIGRPPV. PICTURE X THRU CCOL73;
66 CEDSEQNUM. RENAMES CCOL73. PICTURE X THRU CONTINUATIONIND.
* 01 FILLER REDEFINES CARDWORK. PIC X(72);
08 CARD72. PIC X(18);
08 FILLER.
* 01 FILLER REDEFINES CARDWORK. PIC X OCCURS 90 TIMES.
08 CMX.
* *
* TEST CARD FORMAT
* *
01 SPECIALRUNCARD REDEFINES CARDWORK.
08 FILLER. PICTURE X;
08 CTESTPT. PICTURE X;
88 DIAGNOSTIC-RUN. VALUE ;
88 DISPLAY-EDITIONCARDS. VALUE ;
88 TGNORE-SEQUENCE-NOS. VALUE ;
88 ESTABHT-RUN. VALUE ;
88 TIMING-RUN. VALUE ;
08 CSKIP. PICTURE X(4);
08 CTESTLIN. PICTURE X(4);
08 CFIESTACNO. PICTURE X(6);
08 CLASTACNO. PICTURE X(6);
08 FILLER. PICTURE X(6);
08 CMAXDIAGS. PICTURE X(2);
08 CSKIPDIAG. PICTURE X(2);
08 CDEBBUG. PICTURE X(8);
000151900
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000153200
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000153400
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000155600
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000160000
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08 CDUNPOPTIM          PICTURE X(4)
08 CREPROPTIM          PICTURE X(4)
08 CTRACGSEPTIES      PICTURE X(2)
08 CDIAGISSEPTIES     PICTURE X(2)
08 CDIAGTESTSW        PICTURE X(11)
08 CDIAGACNCTH        PICTURE X(5)
08 CDIAGSTRTADRA      PICTURE X(4)
08 CDIAAGOPT          VALUE SPACE
08 88DIAG-DEFAULT     PIC X(2)
08 CMAXPAGES          PIC X(11)
08 FILLER

*
01 RESTARTCARD REDEFINES CARDWORK
08 FILLER
08 CDATEREPRINT AS IS
08 CFIRSTPAGE         PICTURE 9(6)
08 CFIRSTCITGRP       PICTURE 9(6)
08 CCUNTOT            PIC 9(6)
08 CREPTOT            PIC 9(6)
08 CSTRPTOT           PIC 9(6)
08 CISTRPTOT          PIC X(24)
08 FILLER

*
01 SCANKEYCARD REDEFINES CARDWORK
08 SCANIDENT          PICTURE X
08 SCANCODE           PICTURE X
08 88INITIAL-KEY     VALUE 'I'
08 88CUTOFF-KEY      VALUE 'C'
08 SCANCONPAREA       PICTURE 9(2)
08 12SCANREFLD       PICTURE X(2)
08 15SCANFIELD        PIC X OCCURS 76 TIMES
08 FILLER

*
01 FILLER
08 REPORTCARD SYMBOL PICTURE X(2)
08 88REPORTNO        PICTURE X(2)
08 88IGNORE-PTION    VALUE '***'
08 RCOLIND           PICTURE 9(3)
08 RCHARGT           PICTURE 9(2)
08 RMARG             PICTURE 9(2)
08 RLCNTX            PICTURE 9(3)
08 12RINT            PICTURE 9(3)
08 12FILLER          REDEFINES HLCNT

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08 RCOLMINTLENGTH      PICTURE 9(2).
08 RLINEUPCHAR        PIC X.
08 RLINESSPERINCH    PIC X.
08 RHOLESPPROC        VALUE :E.
08 R88EDITED-HOLE    VALUE :U.
08 R88 UNEDITED-HOLE VALUE :I.
08 RITALICS          PIC X(24).
08 R88ITALICIZED-CAPITALS PIC X(5).
NOTE: NEXT ENTRY IS SET INTERNALLY.
08 R88 FILLER
08 FILLER
08 FILLER
01 FILLER PAGECARD.  PICTURE X(8)  VALUE PAGECARD.
08 PTYPE REPORT-TITLE-CARD  VALUE :H: :h: :Z: :Z:
08 P88 PAGEHEAD-CARD        VALUE :P: :p: :Z: :Z:
08 PSERIES                   PICTURE X.  VALUE :9.
12 PSERIES1 -PAGE-CARD      PICTURE X.
12 PSERIES2                   PICTURE X.
08 PCOVERLIND               PICTURE X.
08 PUNDFLIND                 PICTURE X.
08 PCAPLIND                  PICTURE X.
08 PAGE-NUM-REQUEST         VALUE :N:
08 DATE-REQUEST            VALUE :D:
08 PSKIPIPN                 PICTURE 9(2).
12 PHLOCN                   PIC S9(3).
08 FILLER REDEFINES PHLOCX  PICTURE X.
16 PHLOC-COL                VALUE :C: SPACE.
88 CENTERED                 VALUE :I:
88 PHREAD-REL-IMARG        VALUE :L:
88 PHREAD-REL-RMARG        VALUE :R:
88 PHREAD-FOLLOWS-LAST    VALUE :F:
88 PHLOC-COL-POSITION      VALUE **:
16 PHLOC-COL-POSITION      PIC S9(2).
18 PHLOC-IN-COL            PHLLOC-COL-POSITION.
16 FILLER REDEFINES        PHLLOC-COL-POSITION.
20 PHLOCX2                  PIC X.
88 CENTERED-IN-COL        PIC X.
08 PHREAD.                  PICTURE X OCCURS 69 TIMES
12 PHX                      INDEXED BY IPH IPH1 IPH2.
08 PDELLIM                  PICTURE X.
08 PHLOCODE                 PICTURE X.
00030100
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08 TUNDERLINE. PICTURE X.
12 TUNDDLIN1 PICTURE X.
12 TUNDDLIN2 PICTURE X.
08 TCAPTITALLIZE. FIELD VALUE ***.
12 TCAPP1 PICTURE X.
12 TCAPP2 PICTURE X.
08 TSQIND ITALL PICTURE X. FIELD VALUE ***.
88 ARABIC-SEQUENCE-NUMBERS VALUE SPACE.
88 ARABIAN-SEQUENCE-NUMBERS VALUE A.
88 ROMAN-SEQUENCE-NUMBERS VALUE C.
88 UPPER-CASE-LETTERING VALUE R.
88 LOWER-CASE-LETTERING VALUE U.
88 SAME-SEQUENCE-LETTERING VALUE L.
88 SUPPLEMENTARY-CONSTANT VALUE I.
08 TCONSNO-SPIC-CONSTANT VALUE SPACE.
88 FIRST-CONSTANT VALUE 1.
88 SUPPRESS-LAST-CONSTANT VALUE 2.
88 SUPPRESS-TRAILING-CONSTANT VALUE 3.
88 CITE-TRAILING-CONSTANT VALUE 4.
88 INTERVENING-PADDING-CONSTANT VALUE 5.
88 TRAILING-CONSTANT VALUE 6.
88 VARIABLE-LENGTH-CONSTANT VALUE 7.
88 ABSOLUTE-ADDRESS-CONSTANT VALUE 8.
88 ALTERING-CONSTANT VALUE 9.
88 PADDING-CONSTANT VALUE 10.

FOR OTHER OPTIONS, SEE PROCEDURE BILDCONST.
08 TFCON. PIC 9(4). COMP SYNC.
12 TAFX. PIC 9(4). COMP SYNC.
16 TAP. PIC 9(4). COMP SYNC.
08 TFCON. PIC 9(4). COMP SYNC.
12 TFRONTCONSTANT. PIC 9(4). COMP SYNC.
12 TABX. PIC 9(4). COMP SYNC.
16 TAB. PIC 9(4). COMP SYNC.
08 TBACKCONSTANT. PIC 9(4). COMP SYNC.
12 TPNCTUAT. PICTURE X.
08 CHARACTER < a PUNCTUATION OPTION PICTURE X.
FOLLOWING THE LAST SUBSTITUTION IN THIS COLUMN WILL BE INSERTED
88 DEF-AUT-PUNCTUATION VALUE S.
88 SIGNIF-PUNCTUATION VALUE S.
88 RETAIN-PUNCTUATION VALUE X.
08 TCTRLININD-SPIC PICTURE X.
88 TAG-SSPEC VALUE SPACE.
88 SITE-SPEC VALUE 2. 3. 6. 7. A. B.
00050100
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00051200
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08 TALSMSAVE PICTURE S9(5)
08 LAST-CRPTBLR PIC S9(5)
08 LAST-OP PSEQ PIC S9(5)
08 LAST-RTBLR PIC S9(5)
08 LINEC-TRDIRC-LENGTH PICTURE S9(5)
08 LINE-SKIP PICTURE S9(5)
08 LINE-SW SUP PICTURE S9(5)
08 LINESET-SW LEVLI PICTURE S9(5)
08 MATCHCHARS PICTURE S9(5)
08 MAXPAGES PICTURE S9(5)
08 MULTICCURSM PICTURE S9(5)
08 NEWLPTS PICTURE S9(5)
08 NOCOLS PLUSONE PICTURE S9(5)
08 NOCOLS PICTURE S9(5)
08 NOSEOSW PICTURE S9(5)
08 NODMTR PICTURE S9(5)
08 NUMSM PICTURE S9(5)
08 OCCURENCE-TEST PICTURE S9(5)
08 OFFSET-GRP-PBH-COL-IND PICTURE S9(5)
08 ON-COUNT PICTURE S9(5)
08 OPTABLE-CAPACITY PICTURE S9(5)
08 OPTCARDC PICTURE S9(5)
08 OVERPPSW SAVE PICTURE S9(5)
08 OVERHNDTR PICTURE S9(5)
08 QUOTESW PICTURE S9(5)
08 PAGECTR PICTURE S9(5)
08 PGRHDP PICTURE S9(5)
08 PSKTIP PICTURE S9(5)
08 RECCNT PICTURE S9(5)
08 REPORT-TRM PICTURE S9(5)
08 REPORT-TITLE-SW PICTURE S9(5)
08 RESTART-STS PICTURE S9(5)
08 RICHNT PICTURE S9(5)
08 SCANFILE-PIDEND PICTURE S9(5)

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00079900
00080000

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08	SCANFILE-REPORTNO	PICTURE	S9(5)	0080100
08	SCANFILE-SW	PICTURE	S9(5)	0086030
08	SHORTEST-COIL-BKPT	PICTURE	S9(6)	0008040
08	SHORTEST-PPRFX	PICTURE	S9(5)	0008050
08	SPACECTR	PICTURE	S9(5)	0008060
08	SPACEER1	PICTURE	S9(5)	0008070
08	SPACEER2	PICTURE	S9(5)	0008080
08	START-OF-COLUMN-SW	PICTURE	S9(5)	0008090
08	START-OF-LINE-SW	PICTURE	S9(5)	0008100
08	START-DSW	PICTURE	S9(5)	0008110
08	SUBS-TO-PRINT	PICTURE	S9(5)	0008120
08	SWI	PICTURE	S9(5)	0008130
08	CONSW	PICTURE	S9(5)	0008140
08	LAST	PICTURE	S9(5)	0008150
08	TEST-SW	PICTURE	S9(5)	0008160
08	TO-PRINT	PICTURE	S9(5)	0008170
08	TO-PRINT-LINES	PICTURE	S9(5)	0008180
08	TO-PRINT-LINES	PICTURE	S9(5)	0008190
08	TRIAL-SW	PICTURE	S9(5)	0008200
08	TRUNCARDSW	PICTURE	S9(5)	0008210
08	TMOCT	PICTURE	S9(5)	0008220
08	WKCT	PICTURE	S9(5)	0008230
08	WKTOT	PICTURE	S9(5)	0008240
08	WSECT	PICTURE	S9(5)	0008250
08	XA1	PICTURE	S9(5)	0008260
08	XA2	PICTURE	S9(5)	0008270
08	XA3	PICTURE	S9(5)	0008280
08	XA4	PICTURE	S9(5)	0008290
08	XA5	PICTURE	S9(5)	0008300
08	XA9	PICTURE	S9(5)	0008310
08	XA11	PICTURE	S9(5)	0008320
08	XA12	PICTURE	S9(5)	0008330
08	XA13	PICTURE	S9(5)	0008340
08	XA14	PICTURE	S9(5)	0008350
08	XA15	PICTURE	S9(5)	0008360
08	XA16	PICTURE	S9(5)	0008370
08	XA17	PICTURE	S9(5)	0008380
08	XA18	PICTURE	S9(5)	0008390
08	XA19	PICTURE	S9(5)	0008400
08	XA20	PICTURE	S9(5)	0008410
08	XA21	PICTURE	S9(5)	0008420
08	XA22	PICTURE	S9(5)	0008430
08	XA23	PICTURE	S9(5)	0008440
08	XA24	PICTURE	S9(5)	0008450
08	XA25	PICTURE	S9(5)	0008460
08	XA26	PICTURE	S9(5)	0008470
08	XA27	PICTURE	S9(5)	0008480
08	XA28	PICTURE	S9(5)	0008490
08	XA29	PICTURE	S9(5)	0008500
08	XA30	PICTURE	S9(5)	0008510
08	XA31	PICTURE	S9(5)	0008520
08	XA32	PICTURE	S9(5)	0008530
08	XA33	PICTURE	S9(5)	0008540
08	XA34	PICTURE	S9(5)	0008550
08	XA35	PICTURE	S9(5)	0008560
08	XA36	PICTURE	S9(5)	0008570
08	XA37	PICTURE	S9(5)	0008580
08	XA38	PICTURE	S9(5)	0008590
08	XA39	PICTURE	S9(5)	0008600
08	XA40	PICTURE	S9(5)	0008610
08	XA41	PICTURE	S9(5)	0008620
08	XA42	PICTURE	S9(5)	0008630
08	XA43	PICTURE	S9(5)	0008640
08	XA44	PICTURE	S9(5)	0008650
08	XA45	PICTURE	S9(5)	0008660
08	XA46	PICTURE	S9(5)	0008670
08	XA47	PICTURE	S9(5)	0008680
08	XA48	PICTURE	S9(5)	0008690
08	XA49	PICTURE	S9(5)	0008700
08	XA50	PICTURE	S9(5)	0008710
08	XA51	PICTURE	S9(5)	0008720
08	XA52	PICTURE	S9(5)	0008730
08	XA53	PICTURE	S9(5)	0008740
08	XA54	PICTURE	S9(5)	0008750
08	XA55	PICTURE	S9(5)	0008760
08	XA56	PICTURE	S9(5)	0008770
08	XA57	PICTURE	S9(5)	0008780
08	XA58	PICTURE	S9(5)	0008790
08	XA59	PICTURE	S9(5)	0008800
08	XA60	PICTURE	S9(5)	0008810
08	XA61	PICTURE	S9(5)	0008820
08	XA62	PICTURE	S9(5)	0008830
08	XA63	PICTURE	S9(5)	0008840
08	XA64	PICTURE	S9(5)	0008850
08	XA65	PICTURE	S9(5)	0008860
08	XA66	PICTURE	S9(5)	0008870
08	XA67	PICTURE	S9(5)	0008880
08	XA68	PICTURE	S9(5)	0008890
08	XA69	PICTURE	S9(5)	0008900
08	XA70	PICTURE	S9(5)	0008910
08	XA71	PICTURE	S9(5)	0008920
08	XA72	PICTURE	S9(5)	0008930
08	XA73	PICTURE	S9(5)	0008940
08	XA74	PICTURE	S9(5)	0008950
08	XA75	PICTURE	S9(5)	0008960
08	XA76	PICTURE	S9(5)	0008970
08	XA77	PICTURE	S9(5)	0008980
08	XA78	PICTURE	S9(5)	0008990
08	XA79	PICTURE	S9(5)	0009000
08	XA80	PICTURE	S9(5)	0009010
08	XA81	PICTURE	S9(5)	0009020
08	XA82	PICTURE	S9(5)	0009030
08	XA83	PICTURE	S9(5)	0009040
08	XA84	PICTURE	S9(5)	0009050
08	XA85	PICTURE	S9(5)	0009060
08	XA86	PICTURE	S9(5)	0009070
08	XA87	PICTURE	S9(5)	0009080
08	XA88	PICTURE	S9(5)	0009090
08	XA89	PICTURE	S9(5)	0009100
08	XA90	PICTURE	S9(5)	0009110
08	XA91	PICTURE	S9(5)	0009120
08	XA92	PICTURE	S9(5)	0009130
08	XA93	PICTURE	S9(5)	0009140
08	XA94	PICTURE	S9(5)	0009150
08	XA95	PICTURE	S9(5)	0009160
08	XA96	PICTURE	S9(5)	0009170
08	XA97	PICTURE	S9(5)	0009180
08	XA98	PICTURE	S9(5)	0009190
08	XA99	PICTURE	S9(5)	0009200
08	XA00	PICTURE	S9(5)	0009210


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08 12 HDIND2          PICTURE X.
08 12 CONWK.
16 16 CONINX.
16 16 CONBIN REDEFINES CONBIN.
20 20 CONLEN REDEFINES CONLEN.
12 12 CONTEXT PIC S9(2).
12 12 CONWAR PIC X(20).
08 12 FILLER REDEFINES CONWK. COMP SYNC.
12 12 CONX PIC S9(4).
PIC X OCCURS 24 TIMES.

66 LINECT RENAMES WLINECT.

01 FILLER
01 SUB-HOLD.
08 FILLER
12 SUBCNT PICTURE X(8) VALUE 'SUB-HOLD'.
12 SUBCDAD COMP SYNC.
12 SUBCDAD PICTURE S9(8).
12 SUBCDAD PICTURE S9(8).
08 SUBFIELD-DIRECTORIES COME SYNC.
10 SUBDIR OCCURS 16 TIMES INDEXED BY ISA.
12 SUBADR PICTURE S9(8).
12 SUBLENGTH PICTURE S9(8).
08 SUBCODS.
12 SUBCOD PICTURE X OCCURS 16 TIMES
DEPENDING ON SUBCNT INDEXED BY ISC.

01 FILLER
01 ALPHA-HOLDS.
NOTE: ALPHA-REPORT-HOLD IS SET TO BLANKS
02 ALPHA-REPORT-HOLD.
08 ALPHA-REPORT-HOLD.
12 CALL-NUM-WORK.
12 CALL PICTURE X(2).
12 CNWX PICTURE X OCCURS 30 TIMES
INDEXED BY ICNW.

08 FIELD-HOLD.
12 FILLER PIC S9(4) COMP SYNC.
12 FILLER PIC X.
12 FTAG PICTURE S9(4) COMP SYNC.
16 FILLER PIC X.
16 FIG2BIN PIC S9(4) COMP SYNC.
12 FILLER FTAG.
16 FILLER FTAG.
16 FTG1 PIC X(2).
88 TAG-SERIES-REQVSTND PIC X(2) VALUE '***'.
12 FILLER RDRFINES FTAG.
12 FTAG PICTURE X(3).
08 MA PICTURE X(4).
08 TEST.

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00095100
00095200
00095300
00095400
00095500
00095600
00095700
00095800
00095900
00096000
00096100
00096200
00096300
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00098900
00099000
00099100
00099200
00099300
00099400
00099500
00099600
00099700
00099800
00099900
00100000

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08 PAGEGRP          PICTURE ZZZZZ9.
12 PAGEGRPNUM      VALUE -..
08 PAGEGRP1        PICTURE X PAGEGRPNUM.
12 PAGEGRPNUM      VALUE 7 TIMES INDEXED BY IPG.
08 CITGRPNUM       PICTURE ZZZZZ9.
12 CITGRPNUM       VALUE LOW-VALUE.
12 CITGRPNUM       VALUE LOW-VALUE.
08 HEADGRPNUM      PICTURE ZZZZZ9.
12 HEADGRPNUM      VALUE LOW-VALUE.
12 HEADGRPNUM      VALUE LOW-VALUE.
08 ARABGRP         PICTURE ZZZ9.
12 ARABGRP         VALUE LOW-VALUE.
12 ARABGRP         VALUE LOW-VALUE.
08 ALPHGRP         PICTURE X VALUE SPACE.
12 ALPHGRP         VALUE SPACE.
12 ALPHGRP         VALUE SPACE.
08 TIMEGRP         PICTURE X VALUE SPACE.
12 TIMEGRP         VALUE SPACE.
12 TIMEGRP         VALUE SPACE.
08 TIMEGRP         PICTURE X(2).
12 TIMEGRP         VALUE SPACE.
12 TIMEGRP         VALUE SPACE.
08 TIMEGRP         PICTURE X(2).
12 TIMEGRP         VALUE SPACE.
12 TIMEGRP         VALUE SPACE.
08 OPTCA-THAIN    PICTURE X VALUE SPACE.
08 OPTCA-THAIN    VALUE SPACE.
08 PAINTYPE        PICTURE X(11) VALUE SPACE.
08 HACCNO          PICTURE X(8) VALUE MDATHOLD.
08 REFERRBACK-SWITCHES.
12 REFERRBACK-TST1 THRU TST2.
12 REFERRBACK-TST1 THRU TST3.
66 TEST3          PICTURE X(8) VALUE MDATHOLD.
66 TEST3          VALUE MDATHOLD.
01 FILLER          PICTURE X(4) COMP SYNC.
01 FILLER          PICTURE X(4) COMP SYNC.
08 FILLER          PICTURE X(8).
08 FILLER          PICTURE X(4) COMP SYNC.
08 FILLER          PICTURE X(4) COMP SYNC.
08 FILLER          PICTURE X(8).
10 MACCPART1      PICTURE X.
12 MACCPREF1      PICTURE X.
16 MACCPREF2      PICTURE X.
12 FILLER          PICTURE X(4).
16 FILLER          PICTURE X(4).

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00 105100
00 105200
00 105300
00 105400
00 105500
00 105600
00 105700
00 105800
00 105900
00 106000
00 106100
00 106200
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00 109200
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00 109500
00 109600
00 109700
00 109800
00 109900
00 110000

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