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00.20.37 JOB 6922 $ BPSVRT4 STARTED - INIT 22 - CLASS E - SYS 3081
00.20.37 JOB 6922 IEF234E D 600,UNC083,PUB,BPSVRT4,G
00.20.38 JOB 6922 *IEF233A M 600,UNC039,,BPSVRT4,G,BMF5RCE
00.22.55 JOB 6922 TIME= :29 CPU= :03 I/O= :26
00.22.55 JOB 6922 EXCPS: DISK= 69 UR= 6172 TAPE= 0 MCCLURE UNC.PC.F725N
00.22.55 JOB 6922 OUTPUT LINES= 6156 CARDS= 0 PLOTS= 0
00.22.55 JOB 6922 $ BPSVRT4 ENDED
    
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----- JES2 JOB STATISTICS -----

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01 MAR 85 JOB EXECUTION DATE
6 CARDS READ
6,187 SYSOUT PRINT RECORDS
0 SYSOUT PUNCH RECORDS
511,733 SYSOUT SPOOL BYTES
2.30 MINUTES ELAPSED TIME
    
```



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1 //BPSPT4 JOB UNC.PC.F725N,MCCLURE,PRTY=4,COND=(9,LT),TIME=1, JOB 6922
// MSGLEVEL=(1,1) 0000C020
***JOBPARM FORMS=1121,L=10 000C003
2 // EXEC COPY 0000C040
***** 0000C010
*** 0000C020
*** COPY - GENERAL PURPOSE COPY PROGRAM *** 0000C030
*** 0000C040
*** FOR DOCUMENTATION SEE TUCC MEMORANDUM LS - 103 *** 0000C050
*** 0000C060
*** PROGRAMMING SERVICES GROUP *** 0000C070
*** UNIVERSITY OF NORTH CAROLINA COMPUTATION CENTER *** 0000C080
*** SEPTEMBER 1980 *** 0000C090
*** 0000C100
***** 0000C110
3 XXCOPY PROC VER=CUR 0000C120
4 XXG EXEC PGM=COPY WARNING - "LIST" OPTION IS DEFAULT 0000C130
5 XXSTEPLIB DD DSN=UNCCC.COPY.LOAD.VER&VER,DISP=SHR 0000C140
6 XXSYSPRINT DD SYSOUT=A 0000C150
7 //INPUT DD DSN=BMFSRCE(BPSPT4),DISP=OLD,UNIT=DISK,VOL=SER=UNC039, 0000C050
// DCH=(RECFM=FB,LRECL=80,BLKSIZE=7280) 0000C060

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STMT NO. MESSAGE

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5 IEF653I SUBSTITUTION JCL - DSN=UNCCC.COPY.LOAD.VERCUR,DISP=SHR
IEF2336I ALLOC. FOR BPSPPRT4 G
IEF2337I 45E ALLOCATED TO STEPLIB
IEF2337I 7A6 ALLOCATED TO SYS00536
IEF2337I JES2 ALLOCATED TO SYSPRINT
IEF2337I 600 ALLOCATED TO INPUT
IEF142I BPSPPRT4 G - STEP WAS EXECUTED - COND CODE 0000
IEF285I UNCCC.COPY.LOAD.VERCUR KEPT
IEF285I VOL SER NOS= UNCEBB. KEPT
IEF285I CATALOG.VUNCAA KEPT
IEF285I VOL SER NOS= UNCAA.
IEF285I JES2.JOB06922.S00101 SYSOUT
IEF285I BMFSRCE KEPT
IEF285I VOL SER NOS= UNCO39.
IEF373I STEP /G / START 85060.0020
IEF374I STEP /G / STOP 85060.0022 CPU OMIN 00.58SEC SRB OMIN 00.10SEC VIRT 60K SYS 3
IEF375I JOB /BPSPPRT4 / START 85060.0020
IEF376I JOB /BPSPPRT4 / STOP 85060.0022 CPU OMIN 00.58SEC SRB OMIN 00.10SEC

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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

	12	MFACT	PICTURE X.		00005100
	12	MDLENGTH	PICTURE 9(4)	COMPUTATIONAL.	00005200
	12	MDADDE	PICTURE 9(4)	COMPUTATIONAL.	00005300
01		MRECORD.			00005400
	04	MSORTKEY.			00005500
	08	MSRTKY	PICTURE X OCCURS 256 TIMES		00005600
			INDEXED BY IMS.		00005700
	04	FILLER	REDEFINES MSORTKEY.		00005800
	08	FILLER	PIC X(2).		00005900
	08	MCOMPLETTER	PIC X.		00006000
	08	FILLER	PIC X(253).		00006100
	04	FILLER.			00006200
	08	FILLER	PIC X(16).		00006300
	08	MSRTCITNO	PIC S9(8) COMP.		00006400
	04	MSRTDIR	OCCURS 4 TIMES INDEXED BY IMSD.		00006500
	08	MSTAG	PICTURE X(3).		00006600
	08	MSTGSEQ	PICTURE X.		00006700
	08	MSALPHA	PICTURE X(3).		00006800
	08	MSACT	PICTURE X.		00006900
	08	MSLENGTH	PICTURE 9(4)	COMPUTATIONAL.	00007000
	08	MSADDE	PICTURE 9(4)	COMPUTATIONAL.	00007100
	08	MSRTSUBCODES	PICTURE X(6).		00007200
	04	SDAT	PICTURE X(92).		00007300
	04	FILLER	PICTURE X(4088).		00007400
01		MXRECORD.			00007500
	08	MX	PICTURE X OCCURS 4436 TIMES		00007600
			DEPENDING ON XRLN		00007700
			INDEXED BY IM IM1 IM2 IM3.		00007800
01		FILLER.			00007900
	04	FILLER.			00008000
	08	FILLER	PIC X(2).		00008100
	08	MCOMPKEY.			00008200
	12	FILLER	PIC X OCCURS 4434 TIMES		00008300
			DEPENDING ON COMPKEYLENGTH.		00008400
FD		PRNTFIL	LABEL RECORDS ARE STANDARD		00008500
			BLOCK CONTAINS 0 RECORDS		00008600
			RECORDING MODE IS F.		00008700
01		PRECARD	PICTURE X(133).		00008800
FD		DEFAULTFILE	LABEL RECORDS ARE STANDARD RECORDING F		00008900
			BLOCK CONTAINS 0 RECORDS.		00009000
01		DEFAULTREC.			00009100
	08	DEFAULT-TYPE	PICTURE X.		00009200
	88	DEFAULT-HEADER	VALUE ***.		00009300
	08	DEFAULT-DATA.			00009400
	12	DEFAULT-LABEL	PIC X(8).		00009500
	12	FILLER	PIC X(71).		00009600
FD		OPCARD			00009700
			LABEL RECORDS ARE STANDARD		00009800
			BLOCK CONTAINS 0 RECORDS		00009900
			RECORDING F.		00010000


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01 CARDIN          PICTURE X(80).          00010100
* NOTE: CHANGE PARMRCD SIZE WHEN SKED IS CHANGED. 00010200
FD PARMFIL LABEL RECORDS ARE STANDARD RECORDING MODE IS F. 00010300
01 PARMRCD.      00010400
   08 FILLER          PICTURE X(80).      00010500
EJECT          00010600
WORKING-STORAGE SECTION.          00010700
01 SOURCE-VERSION PIC X(32)          00010800
   VALUE 'VERSION 4.1 28 MAR 77'.      00010900
*          00011000
* CONTROL CARD FORMATS FOLLOW          00011100
* NOTE: BYTES 81 - 85 ARE RESERVED FOR GENERATED INFORMATION. 00011200
* BYTES 86 - 90 ARE RESERVED FOR GENERATED SEQUENCE NUMBER. 00011300
*          00011400
* NOTE: FORMAT INCLUDES AN ADDITIONAL 10 BYTES FOR          00011500
* GENERATED INFORMATION.          00011600
*          00011700
* NOTE: OPTION CODES USED IN CONTROL CARDS MUST BE CONSISTENT 00011800
* WITH THOSE CONTAINED UNDER "01 CONSTANTS." AND          00011900
* CHECKED FOR IN THE CARD EDIT ROUTINES BELOW.          00012000
01 FILLER          PICTURE X(8) VALUE 'CARDWORK'. 00012100
01 CARDWORK.      00012200
   08 CTYPE          PICTURE X.          00012300
      88 SEARCH-TITLE-OPCARD VALUE '#'.          00012400
      88 OPTION-CARD-HOLD-OPCARD VALUE 'O'.          00012500
      88 SPECIAL-RUN-OPCARD VALUE 'X'.          00012600
      88 REPORT-OPCARD VALUE 'R'.          00012700
      88 PAGE-HEADING-OPCARD VALUE 'H' 'I' 'Z'.          00012800
      88 PAGE-HEADING-OPCARD VALUE 'h' 'p' 'z'.          00012900
      88 FORMAT-OPCARD VALUE 'F'.          00013000
      88 LINE-PARA-OPCARD VALUE 'L' '1'.          00013100
      88 SCANFILE-OPCARD VALUE 'K'.          00013200
      88 TAGDATA-OPCARD VALUE 'T' 't'.          00013300
      88 SYMBOLIC-PARAM-OPCARD VALUE '<'.          00013400
      88 CALLHOLD-OPCARD VALUE 'C'.          00013500
      88 DEFAULTFILE-OPCARD VALUE 'D' '*'.          00013600
      88 END-OPCARD VALUE 'E'.          00013700
      88 PARTIAL-REPLACEMENT VALUE 'r' 'h' 'P' 'z'          00013800
      88 PARTIAL-REPLACEMENT VALUE 'l' 't'.          00013900
08 CSERIES.          00014000
   12 CSERIES1X          PICTURE X.          00014100
      88 ERASE-OPHOLD VALUE 'R' 'E'.          00014200
   12 CSERIES2X          PICTURE X.          00014300
      88 OVERRIDE-OPCARD VALUE '-': 'J': 'K': 'I':          00014400
      88 OVERRIDE-OPCARD VALUE 'M': 'N': 'O': 'P': 'Q': 'R'. 00014500
08 CDATA.          00014600
   12 CDELETION-CODE PIC X.          00014700
      88 DELETE-OPCARD VALUE '#'.          00014800
   12 CFIRST8.          00014900
      16 FILLER          PIC X.          00015000

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16	CCOL6	PIC X.	00015100
16	CLGRPDEFS.		00015200
20	CLGRPLVL	PIC X.	00015300
20	CLGRPCONT	PIC X.	00015400
16	FILLER	PIC X(3).	00015500
12	FILLER	PIC X(61).	00015600
12	CCOL73	PIC X.	00015700
12	CLTSET-LEVEL	PICTURE X.	00015800
12	FILLER	PICTURE X(5).	00015900
12	CONTINUATIONIND	PICTURE X.	00016000
88	CONTINUATION-DEFAULT	VALUE SPACE.	00016100
88	ORIGINAL-OPCARD	VALUE '1'.	00016200
88	CONTINUATION-OPCARD	VALUE '-':.	00016300
88	DUAL-PURPOSE-OPCARD	VALUE '&'.	00016400
08	FILLER	PICTURE X(4).	00016500
08	CSEONO.		00016600
12	CLTSET-CODE	PICTURE X.	00016700
12	CSEQ1	PICTURE X(2).	00016800
12	CSEQSFX	PICTURE X.	00016900
12	CFORMAT	PICTURE X.	00017000
08	CCODE	PICTURE X.	00017100
66	CCOLS1-6	RENAMES CTYPE THRU CCOL6.	00017200
66	CCOLS7-73	RENAMES CLGRPLVL THRU CCOL73.	00017300
66	CQEDSEQNUM	RENAMES CCOL73 THRU CONTINUATIONIND.	00017400
*			00017500
01	FILLER	REDEFINES CARDWORK.	00017600
08	CARD72	PIC X(72).	00017700
08	FILLER	PIC X(18).	00017800
*			00017900
01	FILLER	REDEFINES CARDWORK.	00018000
08	CWX	PIC X OCCURS 90 TIMES.	00018100
*			00018200
*	TEST CARD FORMAT		00018300
*			00018400
01	SPECIALRUNCARD	REDEFINES CARDWORK.	00018500
08	FILLER	PICTURE X.	00018600
08	CTESTOPT	PICTURE X.	00018700
88	DIAGNOSTIC-RUN	VALUE 'D'.	00018800
88	DISPLAY-EDITCARDS	VALUE 'Z'.	00018900
88	IGNORE-SEQUENCE-NOS	VALUE 'N'.	00019000
88	RESTART-RUN	VALUE 'R'.	00019100
88	TIMING-RUN	VALUE 'T'.	00019200
08	CSKIP	PICTURE 9(4).	00019300
08	CTESTLIM	PICTURE 9(4).	00019400
08	CFIRSTACNO	PICTURE X(6).	00019500
08	CLASTACNO	PICTURE X(6).	00019600
08	FILLER	PICTURE 9(6).	00019700
08	CMAXDIAGS	PICTURE 9(2).	00019800
08	CSKIPDIAG	PICTURE 9(4).	00019900
08	CDEBUG	PICTURE X(8).	00020000

08	CDUMPOPT	PICTURE	X(4).	00020100
08	CREPORTLIM	PICTURE	9(4).	00020200
08	CTRACBOPT	PICTURE	X.	00020300
08	CDIAGLSERIES	PICTURE	X(2).	00020400
08	CDIAGTSERIES	PICTURE	X(2).	00020500
08	CDIAGTESTSW	PICTURE	X.	00020600
08	CDIAGACNO	PICTURE	X(11).	00020700
08	CDIAGLENGTH	PICTURE	9(5).	00020800
08	CDIAGSTARTADR	PICTURE	9(4).	00020900
08	CDIAGOPT	PICTURE	X.	00021000
08	88 DIAG-DEFAULT	VALUE	SPACE.	00021100
08	CMAXPAGES	PIC	9(2).	00021200
08	FILLER	PIC	X(11).	00021300
*				00021400
01	RESTARTCARD REDEFINES CARDWORK.			00021500
08	FILLER	PICTURE	X(22).	00021600
08	CDATE	PIC	X(8).	00021700
*	CDATE WILL PRINT AS IS.			00021800
08	CFIRSTPAGE	PICTURE	9(6).	00021900
08	CFIRSTCIT	PICTURE	9(6).	00022000
08	CFIRSTCITGRP	PICTURE	9(6).	00022100
08	CCUMTOT	PIC	9(6).	00022200
08	CREPTOT	PIC	9(6).	00022300
08	C1STGRP TOT	PIC	9(6).	00022400
08	FILLER	PIC	X(24).	00022500
*				00022600
01	SCANKEYCARD REDEFINES CARDWORK.			00022700
08	SCANIDENT	PICTURE	X.	00022800
08	SCANCODE	PICTURE	X.	00022900
	88 INITIAL-KEY	VALUE	'I' ' ' ' '.	00023000
	88 CUTOFF-KEY	VALUE	'C'.	00023100
08	SCANCOMPAREA.			00023200
12	SCANREPNO	PICTURE	9(2).	00023300
12	SCANFIELD.			00023400
16	SCANX	PIC	X OCCURS 76 TIMES.	00023500
08	FILLER	PICTURE	X(10).	00023600
*				00023700
*				00023800
01	FILLER	PICTURE	X(8) VALUE 'REPORTCD'.	00023900
01	REPORTCARD.			00024000
08	RSYMBOL	PICTURE	X.	00024100
08	REPORTNO	PICTURE	X(2).	00024200
	88 IGNORE-REPORTNOS-OPTION	VALUE	'***'.	00024300
08	RCOLIND	PICTURE	9.	00024400
08	RCHARCT	PICTURE	9(3).	00024500
08	RLMARG	PICTURE	9(2).	00024600
08	RMARG	PICTURE	9(2).	00024700
08	RLCNTX.			00024800
12	RLCNT	PICTURE	9(3).	00024900
12	FILLER REDEFINES RLCNT.			00025000

	16	FILLER	PICTURE X(3).		00025100
	88	CONTINUOUS-OUTPUT	VALUE 'CON'.		00025200
08	RCOLADJ	PICTURE X.			00025300
	88	START-COL-WITH-NEW-PARA	VALUE '6'.		00025400
08	RCOLADJ2	PIC X.			00025500
	88	CITNUMIND	PICTURE X.		00025600
	88	CITNOS-FOLLOW-LAST-RPT	VALUE 'C'.		00025700
	88	CITNOS-FOLLOW-CORRESP-RPT	VALUE 'P'.		00025800
	88	CITNOS-FOLLOW-LAST-RUN	VALUE 'L'.		00025900
	88	NO-CITNOS	VALUE SPACE.		00026000
08	CITSPACEIND	PICTURE 9.			00026100
08	RFIRSTPAGE	PICTURE X.			00026200
	88	PAGENOS-FOLLOW-BASE-RPT	VALUE 'B'.		00026300
	88	PAGENOS-FOLLOW-LAST-RPT	VALUE 'C'.		00026400
	88	PAGENOS-FOR-INDICES	VALUE 'I'.		00026500
	88	PAGENOS-FOLLOW-CORRESP-RPT	VALUE 'P'.		00026600
08	INDEXIND	PICTURE X.			00026700
	88	INDEX-REPORT	VALUE '1' '2' '3' '4' 'X'.		00026800
08	WORKCOPYIND	PICTURE X.			00026900
* FOR VALUES,		SEE TCTRLINFIN	IN 01 TAGCARD.		00027000
08	RCONTIND.				00027100
	12	RCONTIND-N1	PIC 9.		00027200
08	RCARDCATIND	PICTURE X.			00027300
	88	CARD-OUTPUT	VALUE 'C' 'X'.		00027400
08	TITPAGEIND	PICTURE X.			00027500
	88	SEPARATE-TITLEPAGE	VALUE 'X'.		00027600
08	HPAGE1	PICTURE 9(6).			00027700
08	HCIT1	PICTURE 9(6).			00027800
08	RCONTNOTE	PICTURE X.			00027900
	88	SUPPRESSCONT	VALUE 'N'.		00028000
08	RSORTKEYPREFIX.				00028100
	12	RSORTKEYPREFIX-N1	PIC 9.		00028200
08	CALLNUMONLEFTIND	PICTURE X.			00028300
	88	CALL-NUM-ON-LEFT-REQUESTED	VALUE 'X'.		00028400
08	ONECITPERCOLIND	PICTURE X.			00028500
	88	ONE-CITATION-PER-COLUMN	VALUE '5' 'N'.		00028600
	88	ONE-CITGRP-PER-COLUMN	VALUE '1' '5' 'J'.		00028700
	88	ONE-CITGRP-PER-PAGE	VALUE 'N' 'J'.		00028800
* ABOVE CODES ARE INTERNALLY GENERATED IN PROCEDURE					00028900
* REPORT-CARD.		USE CODES: 1,2,3,4,5 (COL); J,K,L,M,N (PAGE)			00029000
08	RNEWLETTERIND	PIC X.			00029100
	88	NEW-COL-FOR-NEW-LETTER	VALUE 'C'.		00029200
	88	NEW-PAGE-FOR-NEW-LETTER	VALUE 'P'.		00029300
08	RCARDLENGTH	PICTURE 9(2).			00029400
08	RFORMSBREAK	PICTURE 9(2).			00029500
08	RHICVP	PICTURE 9(2).			00029600
08	RHICLP	PICTURE 9(2).			00029700
08	RHICWIDTH	PICTURE X.			00029800
	88	NO-HOLE-IN-CARD	VALUE ZERO.		00029900
					00030000

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08 RCOLMINLENGTH          PICTURE 9(2).          00030100
08 RLINEUPCHAR            PIC X.                00030200
08 RLINESPERINCH          PIC X.                00030300
08 RHOLEPROC              PIC X.                00030400
   88 EDITED-HOLE         VALUE 'E'.            00030500
   88 UNEDITED-HOLE      VALUE 'U'.            00030600
08 RITALICSIND            PIC X.                00030700
   88 ITALICIZED-CAPITALS VALUE 'I'.          00030800
08 FILLER                 PIC X(24).           00030900
* NOTE: NEXT ENTRY IS SET INTERNALLY          00031000
08 FILLER                 PICTURE X(5).        00031100
08 FILLER                 PICTURE X(5).        00031200
* * * * *
01 FILLER                 PICTURE X(8) VALUE 'PAGECARD'. 00031300
01 PAGECARD.
08 PTYPE                 PICTURE X.            00031400
   88 REPORT-TITLE-CARD  VALUE 'H' 'h' 'Z' 'z'. 00031500
   88 PAGEHEAD-CARD     VALUE 'P' 'p' 'Z' 'z'. 00031600
08 PSERIES.
  12 PSERIES1            PICTURE X.            00031700
   88 END-OF-PAGE-CARD  VALUE '9'.            00031800
  12 PSERIES2            PICTURE X.            00031900
08 POVERPIND             PICTURE X.            00032000
08 PUNDERLIND           PICTURE X.            00032100
08 PCAPIND              PICTURE X.            00032200
   88 PAGE-NUM-REQUEST  VALUE 'N'.            00032300
   88 DATE-REQUEST     VALUE 'D'.            00032400
08 PSKIPIND             PICTURE 9(2).          00032500
08 PHLOCX.
  12 PHLOCN             PIC S9(3).             00032600
08 FILLER REDEFINES PHLOCX.
  16 PHLOC-COL          PICTURE X.            00032700
   88 CENTERED          VALUE 'C' SPACE.      00032800
   88 PHEAD-REL-LMARG   VALUE 'L'.            00032900
   88 PHEAD-REL-RMARG   VALUE 'R'.            00033000
   88 PHEAD-FOLLOWS-LAST VALUE 'F'.            00033100
   88 PHLOC-COLUMN-RELATIVE VALUE '**'.      00033200
  16 PHLOC-COL-POSITION.
  18 PHLOC-IN-COL      PIC S9(2).             00033300
  16 FILLER REDEFINES PHLOC-COL-POSITION.
  20 PHLOCK2           PIC X.                00033400
   88 CENTERED-IN-COL   VALUE 'C' SPACE.      00033500
  20 PHLOCK3           PIC X.                00033600
08 PHEAD.
  12 PHX               PICTURE X OCCURS 69 TIMES
                        INDEXED BY IPH IPH1 IPH2. 00033700
08 PDELIM               PICTURE X.            00033800
08 PHLOCODE             PICTURE X.            00033900

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08 PHLOC PIC S9(4) COMP SYNC. 00035100
08 FILLER PIC X(6). 00035200
* 00035300
* 00035400
* 00035500
01 FILLER PICTURE X(8) VALUE 'LINECARD'. 00035600
* NOTE: CHANGES MAY HAVE TO BE MATCHED IN TAGCARD REDEF. 00035700
01 LINECARD. 00035800
08 LSYMBOL PICTURE X. 00035900
08 LSERIES PICTURE X(2). 00036000
08 LOVERPRINTIND PICTURE X. 00036100
08 LUNDERLIND PICTURE X. 00036200
08 LCAPIIND PICTURE X. 00036300
08 LINELENGTH PICTURE 9(2). 00036400
08 LGRPDEFS REDEFINES LINELENGTH. 00036500
12 LGRPLVL PIC X. 00036600
12 LGRPCONT. 00036700
16 LTSET-TRAILIND PIC X. 00036800
88 CITGRP-TRAILER VALUE 'T'. 00036900
88 REPORT-TRAILER VALUE 'R'. 00037000
08 LINESKIP1X. 00037100
12 LINESKIP1 PICTURE 9. 00037200
08 LINESKIP2X. 00037300
12 LINESKIP2 PICTURE 9. 00037400
08 LINDENTATION. 00037500
12 LINDENT1X. 00037600
16 LINDENT1 PIC S9(4) COMP SYNC. 00037700
12 LINDENT2X. 00037800
16 LINDENT2 PIC S9(4) COMP SYNC. 00037900
08 FILLER REDEFINES LINDENTATION. 00038000
12 LINDENTX PIC X(2) OCCURS 2 TIMES 00038100
INDEXED BY ILIND. 00038200
08 LINEREPEATIND PICTURE X. 00038300
08 LPARASUPIND PICTURE X. 00038400
88 PARA-DEFAULT VALUE SPACE. 00038500
88 NO-NEW-PARA VALUE 'N'. 00038600
88 START-NEW-PARA VALUE 'P'. 00038700
* NOTE: TLPARASUPIND MUST REFER TO CORRESPONDING POSITION IN 00038800
* TAGCARD HOLD. SEE PROCEDURE BILDLCARD. 00038900
* NOTE: LCHARCT SUPERCEDES LINELENGTH (BUT CARDS USING 00039000
* LINELENGTH ARE STILL ACCEPTED) 00039100
08 LINWIDTH. 00039200
12 LCHARCT PIC S9(3). 00039300
08 LVERTPOSITION PICTURE 9(2). 00039400
08 FILLER REDEFINES LVERTPOSITION. 00039500
12 FILLER PICTURE X(2). 00039600
88 LOW-JUSTIFIED VALUE '99'. 00039700
08 LCONTVERTPOS PICTURE 9(2). 00039800
08 FILLER REDEFINES LCONTVERTPOS. 00039900
12 FILLER PICTURE X(2). 00040000

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08      88 CONT-LOW-JUSTIFIED      VALUE '99'.
08 12  LINESKIP3X.
08 12  LINESKIP3      PICTURE 9.
08 12  LINESKIP4X.
08 12  LINESKIP4      PIC 9.
08 12  LRIGHTJUST      PIC X.
08      88 RIGHT-JUST-PARA      VALUE 'R'.
08 12  LTESTTAG      PIC X(3).
08 12  FILLER      PIC X(44).
08 12  LTSET-LEVELX      PIC X.
08 12  LTSET-NUMBERIND      PIC X.
*
08 12  LTESTSW.
08 12  LTESTSW-SN1      PICTURE S9.
08 12  LSETSW      PIC X.
08 12  LTESTSRTHDR      PIC X.
08 12  LSUPPRESSIND.
08 12  LSUPPRESSCODE      PICTURE S9.
08 12  LTSET-CONTIND      PICTURE X.
08      88 CONTINUATION-SET      VALUE '-'.
08      88 DUAL-PURPOSE-LINECARD VALUE '&'.
NOTE: THE FOLLOWING ITEMS ARE SET INTERNALLY.
08 12  LINDENTIND      PICTURE X.
08 12  88 SAME-INDENT-AS-LAST-PARA-PRTED VALUE '-'.
08 12  LWIDTHIND      PICTURE X.
08 12  88 SAME-WIDTH-AS-LAST-PARA-PRTED VALUE '-'.
08 12  FILLER      PICTURE X(2).
08 12  LSEQNO.
08 12  LTSET-CODE      PICTURE X.
08      88 CONTINUATION-TRAILER VALUE '0'.
08      88 CITGRPHDR      VALUE '1' '2' '3' '4'.
08      88 CITATION-SET      VALUE '5'.
08      88 ID-TRAILER      VALUE '9'.
08      88 CITGRPCONTHDR      VALUE 'J' 'K' 'L' 'M'.
08      88 CITCONTHDR      VALUE 'N'.
08      88 REPORT-TRAILER HAS VALUE HIGH-VALUE.
08      88 CITGRP-TRAILER HAS VALUE '>' '9'.
08 12  LSEQ1      PICTURE X(2).
08 12  LSEQSPFX      PICTURE X.
08 12  LFORMAT      PICTURE X.
08 12  FILLER      PICTURE X.
*
01 01  FILLER      PICTURE X(8) VALUE 'TAGCARD '.
01 01  TAGCARD.
08 12  TSERTYPE.
08 12  TSYMBOL      PIC X.
08 12  TSERIES      PIC X(2).

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00040100
00040200
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08	TDATATYPE	PICTURE X.			00045100
	88	SOBT-HEADER-CARD	VALUE	'H'.	00045200
	88	FIXED-FIELD-CARD	VALUE	'F'.	00045300
	88	VAR-FIELD-CARD	VALUE	'V'.	00045400
	88	CONSTANT-CARD	VALUE	'C'.	00045500
	88	NUMBER-CARD	VALUE	'N'.	00045600
08	TTAG.				00045700
12	TTG1		PIC X.		00045800
12	TTG2		PIC X(2).		00045900
08	FILLER	REDEFINES TTAG.			00046000
12	TNUMGRPLVLX		PIC X.		00046100
	88	REPORT-TOTAL-CARD	VALUE	'R'.	00046200
	88	CUMULATIVE-TOTAL-CARD	VALUE	'U'.	00046300
12	FILLER	REDEFINES TNUMGRPLVLX.			00046400
16	TNUMGRPLVL		PIC 9.		00046500
12	SUPPRESSIND	PICTURE X.			00046600
	88	SUPPRESS-IDENTICAL-SRTHDRS	VALUE	'X'.	00046700
	88	REPEAT-IDENTICAL-SRTHDRS	VALUE	SPACE.	00046800
12	TERMSUPIND	PICTURE X.			00046900
	88	SUPPRESS-TAG-IN-SRTHDR	VALUE	'X'.	00047000
08	TINDTEST.				00047100
12	TINDCODES.				00047200
16	TINDCODE1	PICTURE X.			00047300
16	TINDCODE2	PICTURE X.			00047400
12	FILLER	REDEFINES TINDCODES.			00047500
16	TFIXEDTOTALN		PIC 9(2).		00047600
12	TINDSELECTOR		PIC X.		00047700
08	TSUBCODES.				00047800
12	TSUBCD		PIC X OCCURS 6 TIMES		00047900
			INDEXED BY ITSC ITSC1 ITSC2.		00048000
08	TUORDIND	PICTURE X.			00048100
	88	ALL-OCCURRENCES-REQUESTED	VALUE	'A'.	00048200
	88	FIRST-OCCURRENCE-ONLY	VALUE	'1'.	00048300
	88	LAST-OCCURRENCE-ONLY	VALUE	'L'.	00048400
	88	NEXT-OCCURRENCE-ONLY	VALUE	'N'.	00048500
	88	RIGHT-JUSTIFIED	VALUE	'R'.	00048600
	NUMERIC	VALUE MEANS IGNORE LOWER	RELATIVE OCCURRENCE.		00048700
	LETTER	B-I MEANS ALL OCCUR AFTER	IGNORING LOWER OCCURRENCES.		00048800
08	FILLER	REDEFINES TUORDIND.			00048900
12	TREBLOCCUR		PIC S9.		00049000
08	TNEWLINEIND	PICTURE X.			00049100
	88	BEGIN-TAG-ON-NEW-LINE	VALUE	'0' '1' '2' '3' '4' '5' '6' '7'.	00049200
	88	REPEAT-INITIAL-LINESKIP	VALUE	'1' '3' '5' '7'.	00049300
	88	REPEAT-TRAILING-LINESKIP	VALUE	'2' '3' '6' '7'.	00049400
	88	REPEAT-INITIAL-INDENT	VALUE	'4' '5' '6' '7'.	00049500
08	TOVERPRT.				00049600
12	TOVERP1	PICTURE X.			00049700
12	TOVERP2	PICTURE X.			00049800
	88	OVERPRINT-WHOLE-FIELD	VALUE	'***'.	00049900
					00050000


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08 TUNDERLINE. 00050100
12 TUNDLIN1 PICTURE X. 00050200
12 TUNDLIN2 PICTURE X. 00050300
* 88 UNDERLINE-WHOLE-FIELD VALUE '***'. 00050400
08 TCAPITALIZE. 00050500
12 TCAP1 PICTURE X. 00050600
12 TCAP2 PICTURE X. 00050700
* 88 CAPITALIZE-WHOLE-FIELD VALUE '***'. 00050800
08 TSEQUIND PICTURE X. 00050900
88 NO-SEQUENCE-NUMBERS VALUE SPACE. 00051000
88 ARABIC-NUMBERS VALUE 'A'. 00051100
88 CITATION-NUMBER VALUE 'C'. 00051200
88 ROMAN-NUMERALS VALUE 'R'. 00051300
88 UPPER-CASE-LETTERING VALUE 'U'. 00051400
88 LOWER-CASE-LETTERING VALUE 'L'. 00051500
88 SAME-SECONO-OPTION VALUE '-'. 00051600
08 TCONSUPIND PICTURE X. 00051700
88 NO-SPECIAL-CONSTANT-PROCESSING VALUE SPACE. 00051800
88 FIRST-CONSTANT-ONLY VALUE 'F'. 00051900
88 SUPPRESS-FIRST-CONSTANT VALUE 'J'. 00052000
88 SUPPRESS-LAST-BACK-CONSTANT VALUE 'S'. 00052100
88 CITGRP-TRAILING-CONSTANT VALUE '1' '2' '3' '4'. 00052200
88 INTERVENING-CONSTANT VALUE 'I'. 00052300
88 INTERVENING-PADDING VALUE 'Q'. 00052400
88 TRAILING-CONSTANT-ONLY VALUE 'T'. 00052500
88 VARIABLE-LENGTH-CONST VALUE 'V'. 00052600
88 ABSOLUTE-ADR-CONST VALUE 'W'. 00052700
88 ALTERNATE-CONST VALUE 'A'. 00052800
88 PADDING-CONSTANT VALUE 'P'. 00052900
* FOR OTHER OPTIONS, SEE PROCEDURE BILDCONST. 00053000
08 TFCON. 00053100
12 TAFX. 00053200
16 TAF PIC 9(4) COMP SYNC. 00053300
12 TFRONTCONSTANT PIC X(20). 00053400
08 TBCON. 00053500
12 TABX. 00053600
16 TAB PIC 9(4) COMP SYNC. 00053700
12 TBACKCONSTANT PIC X(20). 00053800
08 TPUNCTUATION-OPTION PICTURE X. 00053900
* A CHARACTER < 'a' PUNCHED IN THIS COLUMN WILL BE INSERTED 00054000
* FOLLOWING THE LAST SUBFIELD PRINTED UNDER THIS TAG. 00054100
88 DEFAULT-PUNCTUATION VALUE SPACE. 00054200
88 STRIP-PUNCTUATION VALUE 'S'. 00054300
88 RETAIN-PUNCTUATION VALUE 'X'. 00054400
08 TCTRLINFIND PICTURE X. 00054500
88 NO-CTRL-SPEC VALUE SPACE. 00054600
88 TAG-SPEC VALUE '1' '3' '5' '7' '9' 'B'. 00054700
88 SITE-SPEC VALUE 'D' 'F' 'X'. 00054800
88 TAG-SPEC VALUE '2' '3' '6' '7' 'A' 'B'. 00054900
88 SITE-SPEC VALUE '2' '3' '6' '7' 'A' 'B'. 00055000

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	88 SUBCODE-SPEC	VALUE 'E' 'F' 'X' '4' '5' '6' '7' 'C' 'D'	00055100
	88 DELIM-SPEC	VALUE 'E' 'F' 'X' '8' '9' 'A' 'B' 'C' 'D'	00055200
	88 CTRL-ALL	VALUE 'X'	00055300
08	TDISABIND	PIC X	00055400
	88 DISABLE-FIELD	VALUE 'F'	00055500
	88 DISABLE-SUBFIELD	VALUE 'S'	00055600
08	TMAXCHARS	PICTURE X(2)	00055700
	88 CTRL-ONLY-SPEC	VALUE '00'	00055800
08	TTESTSW.		00055900
12	TTESTSW-SN1	PICTURE S9.	00056000
08	TSETSW.		00056100
12	TSETSW-SN1	PICTURE S9.	00056200
08	TTESTSRTHDR.		00056300
12	TTESTSRTHDR-SN1	PICTURE S9.	00056400
08	TSUPPRESSIND.		00056500
12	TSUPPRESSCODE	PICTURE S9.	00056600
08	TCONTIND	PICTURE X.	00056700
* NOTE:	THE FOLLOWING ITEMS ARE SET INTERNALLY.		00056800
08	TNULLIND	PIC X.	00056900
	88 NULL-TAGCARD	VALUE 'N'.	00057000
08	TTESTTAG.		00057100
12	TTSTTG1	PIC X.	00057200
12	TTSTTG2	PIC X(2).	00057300
08	TSEONO.		00057400
12	TLTSET-CODE	PICTURE X.	00057500
12	TSEQ1	PICTURE X(2).	00057600
12	TSECSFX	PICTURE X.	00057700
12	TFORMAT	PICTURE X.	00057800
08	FILLER	PICTURE X.	00057900
66	TSPACESUPIND RENAMES TINDSELECTOR.		00058000
66	TSRTFLDLVL RENAMES TNUMGRPLVL.		00058100
* THESE LABELS REFER TO CORRESPONDING ENTRIES ON THE LINECARD.			00058200
01	FILLER REDEFINES TAGCARD.		00058300
08	FILLER	PIC X(8).	00058400
08	TLINESKIP1	PIC 9.	00058500
08	FILLER	PIC X(6).	00058600
08	TIPARASUPIND	PIC X.	00058700
08	FILLER	PIC X(10).	00058800
08	TITESTTAG	PIC X(3).	00058900
08	FILLER	PIC X(44).	00059000
08	TITSET-LEVELX	PIC X.	00059100
08	FILLER	PIC X(16).	00059200
EJECT			00059300
01	FILLER.		00059400
08	FILLER	PIC X(4).	00059500
08	DISPX PIC X OCCURS 4 TIMES INDEXED BY IDSP.		00059600
			00060000

	08	FILLER	PIC X(8)	VALUE 'HHHHHHHH'.	00060100
01	HOLD-AREAS.				00060200
*	NOTE:	THESE ITEMS ARE SET TO ZERO BEFORE EACH REPORT.			00060300
	02	INDEXES	INDEX	SYNC.	00060400
	08	HIB.			00060500
	08	HIB1.			00060600
	08	HIB2.			00060700
	08	HIBH.			00060800
	08	HIBLAST.			00060900
	08	HICOL.			00061000
	08	HICNW.			00061100
	08	HIDEFTAB.			00061200
	08	HIHL.			00061300
	08	HIL.			00061400
	08	HIL2.			00061500
	08	HIM2.			00061600
	08	HIP.			00061700
	08	HIPH.			00061800
	08	HIPHICLP.			00061900
	08	HIPHICRP.			00062000
	08	HIPIT.			00062100
	08	HIPOP.			00062200
	08	HISC.			00062300
	08	HITOP.			00062400
	08	HIWOP.			00062500
	08	K1ICNW.			00062600
	08	K1ICOL.			00062700
	08	K1ICOM.			00062800
	08	K1IL.			00062900
	08	K1IMAC.			00063000
	08	K1IP.			00063100
	08	K1IPH.			00063200
	08	K1IPIT.			00063300
	08	K1IPOP.			00063400
	08	K1ITOP.			00063500
	08	LASTCONTL.			00063600
01	FILLER	PICTURE X(8)	VALUE 'COMPWORK'.		00063700
01	COMP-WORK	COMPUTATIONAL	SYNC.		00063800
*	NOTE:	THESE COUNTS ARE SET TO ZERO BEFORE EACH REPORT.			00063900
*		THE FOLLOWING ITEMS SHOULD BE KEPT IN ALPHABETICAL ORDER.			00064000
	08	AVGRIN	PIC S9(5).		00064100
	08	BKCONLENGTH	PICTURE S9(5).		00064200
	08	BKCONSW	PICTURE S9(5).		00064300
	08	BUILDSCOUNT	PICTURE S9(5).		00064400
	08	CALL-NUM-ON-LEFT-LENGTH	PICTURE S9(5).		00064500
	08	CALL-OPTION-HOLD-SW	PICTURE S9(5).		00064600
	08	CAPCONCT	PIC S9(5).		00064700
	08	CAPSW	PICTURE S9(5).		00064800
	08	CARDERRCT	PICTURE S9(5).		00064900
	08	CENTERSW	PICTURE S9(5).		00065000


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08 CENTLOC          PICTURE S9(5).          00065100
08 CHARCT          PICTURE S9(5).          00065200
08 CHCOUNT       PICTURE S9(5).          00065300
08 CITATION-SPACES PIC S9(5).             00065400
08 CITGRPHDRSW    PICTURE S9(5).          00065500
08 CITGRPHHEADCT  PIC S9(6) OCCURS 5 TIMES. 00065600
* NEXT ENTRY IS CITGRPTOT(0).
08 CITGRPREPTOT   PIC S9(6).             00065700
08 CITGRPTOT      PIC S9(6) OCCURS 5 TIMES. 00065800
08 CITSTART-LINDEX PICTURE S9(5).          00065900
08 CITSW          PICTURE S9(5).          00066000
08 CIX            PICTURE S9(8) VALUE ZERO. 00066100
08 CLCOUNT       PICTURE S9(5).          00066200
08 COLADJLVL      PIC S9(5).             00066300
08 COLADJLVL2     PIC S9(5).             00066400
08 COLADR         PICTURE S9(5) OCCURS 6 TIMES. 00066500
08 COLCAP        PICTURE S9(5).          00066600
08 COL-EFFECT-LENGTH PICTURE S9(5).      00066700
08 COLLENGTH     PICTURE S9(5).          00066800
08 COLUMN-BREAK-PARAMS. 00066900
10 FILLER.       00067000
12 COLUMN-BREAK-LEVEL PIC S9(5).          00067100
10 COLBRK-PARAMS. 00067200
12 COLUMN-BREAK    PICTURE S9(5).          00067300
12 COLUMN-BREAK-LINECT PICTURE S9(5).      00067400
08 COMPKEYLENGTH  PIC S9(5).             00067500
08 COMPREPORTNO   PIC S9(5).             00067600
08 COMCNT         PICTURE S9(5).          00067700
08 CONT-TRIAL-LINECTR PIC S9(5).          00067800
08 CONTCARDCT     PICTURE S9(5).          00067900
08 CONTINUATION-COUNT PICTURE S9(5).      00068000
08 CONTINUATION-HEADTOT PICTURE S9(5).    00068100
08 CONTINUATION-LINETOT PICTURE S9(5).    00068200
08 CONTINUE-NOTATION-LIN CNT PICTURE S9(5). 00068300
08 CONTINUE-NOTATION-SW PICTURE S9(5).    00068400
08 CONTINUE-SW    PICTURE S9(5).          00068500
08 CONTNOTELEVEL PIC S9(5).             00068600
08 CPCOUNT        PICTURE S9(5).          00068700
08 CRCOUNT        PICTURE S9(5).          00068800
08 CTCOUNT        PICTURE S9(5).          00068900
08 DEFPROCSW     PICTURE S9(5).          00069000
08 DEFPRTSW      PIC S9(5).             00069100
08 DIAGNOSTIC-RUN-SW PICTURE S9(5).      00069200
08 DISPLAY-EDITCARDS-SW PICTURE S9(5).    00069300
08 DOUBLEQUOTECTR PICTURE S9(6).          00069400
08 DUAL-PURPOSE-SW PICTURE S9(5).          00069500
08 EJECTSW       PIC S9(5).             00069600
08 ENCLOSEDSW    PICTURE S9(5).          00069700
08 ENDCARDSW     PIC S9(5).             00069800

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08	ENDLINESW	PICTURE	S9(5).	00070100
08	ENDPAGESW	PICTURE	S9(5).	00070200
08	ENDREPORTSW	PIC	S9(5).	00070300
08	EXISTSW	PICTURE	S9(5).	00070400
08	FIRST-GRPTRL	PIC	S9(5).	00070500
08	FIRST-ENTRRL	PIC	S9(5).	00070600
08	FCONLENGTH	PICTURE	S9(5).	00070700
08	FEOOLSW	PICTURE	S9(5).	00070800
08	FEOOPSW	PIC	S9(5).	00070900
08	FEOORSW	PICTURE	S9(5).	00071000
08	FIRSTSTEP	PICTURE	S9(5).	00071100
08	FIRSTTL	PICTURE	S9(5).	00071200
08	FIRSTTLSW	PICTURE	S9(5).	00071300
08	FIRSTTP	PICTURE	S9(5).	00071400
08	FIRSTTPAGE	PICTURE	S9(5).	00071500
08	FIRSTTT	PICTURE	S9(5).	00071600
08	FORCE-END-OF-COL-SW	PICTURE	S9(5).	00071700
08	FORMSBREAK	PIC	S9(5).	00071800
08	FORMSBREAKCTR	PIC	S9(5).	00071900
08	HCHARCT	PICTURE	S9(5).	00072000
08	HCOMCNT	PIC	S9(5).	00072100
08	HEADCOMPSW	PICTURE	S9(5).	00072200
08	HEADCTS.			00072300
12	HEADCT	PIC	S9(5) OCCURS 5 TIMES.	00072400
08	HEADSW	PICTURE	S9(5).	00072500
08	HEADSWHOLD	PICTURE	S9(5).	00072600
08	HELD-LINESKIP	PICTURE	S9(5).	00072700
08	HELPCTR	PICTURE	S9(5).	00072800
08	HLCNT	PICTURE	S9(5).	00072900
08	HINDENTS.			00073000
12	HINDENT	PIC	S9(5) OCCURS 2 TIMES INDEXED BY IHIND.	00073100
08	HLINE-DIREC-LENGTH	PICTURE	S9(5).	00073200
08	HOLD-COLBRK-PARAMS.			00073300
12	FILLER	PICTURE	S9(5).	00073400
12	FILLER	PICTURE	S9(5).	00073500
12	FILLER	PICTURE	S9(5).	00073600
08	HOLE-IN-CARD-LEFTPOS	PICTURE	S9(5).	00073700
08	HOLE-IN-CARD-RIGHTPOS	PIC	S9(5).	00073800
08	HOLE-IN-CARD-VERTIPOS	PICTURE	S9(5).	00073900
08	HOLE-IN-CARD-WIDTH	PICTURE	S9(5).	00074000
08	HOLE-IN-CARD-SW	PICTURE	S9(5).	00074100
08	HVLINREST	PICTURE	S9(5).	00074200
08	IDTRAILER-PARAMS.			00074300
12	IDTRAILER-LINDEX	PICTURE	S9(5).	00074400
12	IDTRAILER-LINCNT	PICTURE	S9(5).	00074500
08	IDTRAILER-SW	PICTURE	S9(5).	00074600
08	INDEX-REPORT-SW	PICTURE	S9(5).	00074700
08	ITALCAPSW	PIC	S9(5).	00074800
08	ITALSW	PICTURE	S9(5).	00074900
				00075000

08	ITALSWSAVE	PICTURE S9(5).	00075100
08	LASTCIT	PIC S9(5).	00075200
08	LAST-GRPTLR	PIC S9(5).	00075300
08	LASTOPSEQ	PIC S9(5).	00075400
08	LASTP	PICTURE S9(5).	00075500
08	LAST-RTRLR	PIC S9(5).	00075600
08	LINECTR	PICTURE S9(5).	00075700
08	LINE-DIREC-LENGTH	PICTURE S9(5).	00075800
08	LINESKIP	PICTURE S9(5).	00075900
08	LINESW	PICTURE S9(5).	00076000
08	LOWESTSUP	PIC S9(5).	00076100
06	LTSET-LEVEL	PIC S9(5).	00076200
08	LTSETSW	PICTURE S9(5).	00076300
08	MAXCHARS	PICTURE S9(5).	00076400
08	MATCHCT	PICTURE S9(5).	00076500
08	MAXLINES	PICTURE S9(5).	00076600
08	MAXPAGES	PIC S9(5).	00076700
08	MULTOCCURSW	PIC S9(5).	00076800
08	NEWLETTERS	PIC S9(5).	00076900
08	NEWPTSW	PICTURE S9(5).	00077000
08	NOCOLS	PICTURE S9(5).	00077100
08	NOCOLSPLUSONE	PICTURE S9(5).	00077200
08	NOLINES	PICTURE S9(5).	00077300
08	NOSEQSW	PICTURE S9(5).	00077400
08	NOUNDERLINESW	PIC S9(5).	00077500
08	NUMCTR	PICTURE S9(5).	00077600
08	NUMSW	PICTURE S9(5).	00077700
08	OCCURRENCE-TEST	PIC S9(5).	00077800
08	OFFSET	PIC S9(5).	00077900
08	ONE-CITGRP-PER-COL-IND	PIC S9(5).	00078000
08	OPCOUNT	PICTURE S9(5).	00078100
08	OPTABLE-CAPACITY	PIC S9(5).	00078200
08	OPTCARDCT	PICTURE S9(5).	00078300
08	OVERPSW	PICTURE S9(5).	00078400
08	OVERPSWSAVE	PICTURE S9(5).	00078500
08	OVERUNDERSW	PICTURE S9(5).	00078600
08	QUOTECTR	PICTURE S9(6).	00078700
08	QUOTSW	PICTURE S9(5).	00078800
08	PAGECTR	PIC S9(6).	00078900
08	PGHDEYPSW	PICTURE S9(5).	00079000
08	PSKIP	PICTURE S9(5).	00079100
08	RECCNT	PICTURE S9(5).	00079200
08	REPORTLIM	PICTURE S9(5).	00079300
08	REPORTLPI	PIC S9(5).	00079400
08	REPORT-TITLE-SW	PICTURE S9(5).	00079500
08	REPTOTRLN	PIC S9(8).	00079600
08	RESTART-SW	PICTURE S9(5).	00079700
08	RIGHTJUSTSW	PIC S9(5).	00079800
08	SCANCT	PIC S9(5).	00079900
08	SCANFILE-FLDEND	PICTURE S9(5).	00080000

08	SCANFILE-REPORTNO	PICTURE	S9(5).	00080100
08	SCANFILE-SW	PICTURE	S9(5).	00080200
08	SEQOCT	PICTURE	S9(6).	00080300
08	SHORTTEST-COL-BRKPT	PICTURE	S9(5).	00080400
08	SHORTKEYPREFIX	PICTURE	S9(5).	00080500
08	SPACECTR	PICTURE	S9(5).	00080600
08	PACERR	PICTURE	S9(5).	00080700
08	PACERR1	PICTURE	S9(5).	00080800
08	PACERR2	PICTURE	S9(5).	00080900
08	START-OF-COLUMN-SW	PICTURE	S9(5).	00081000
08	START-OF-LINE-SW	PICTURE	S9(5).	00081100
08	START-TSUB	PICTURE	S9(5).	00081200
08	SUPFLDSW	PICTURE	S9(5).	00081300
08	SUBS-TO-PRINT	PICTURE	S9(5).	00081400
08	SWL	PICTURE	S9(5).	00081500
08	TCONSW	PICTURE	S9(5).	00081600
08	TITLELAST	PICTURE	S9(5).	00081700
08	TESTSW	PICTURE	S9(5).	00081800
08	TOTEJECT	PICTURE	S9(5).	00081900
08	TOTPHADLINES	PICTURE	S9(5).	00082000
08	TOTTITLINES	PICTURE	S9(5).	00082100
08	TRIAL-LINECTR	PICTURE	S9(5).	00082200
08	TRUNCSW	PICTURE	S9(5).	00082300
08	TWOLCARDSW	PICTURE	S9(5).	00082400
08	WKCT	PICTURE	S9(5).	00082500
08	WKTOT	PICTURE	S9(5).	00082600
08	WSEQOCT	PICTURE	S9(5).	00082700
08	X1	PICTURE	S9(5).	00082800
08	X2	PICTURE	S9(5).	00082900
08	X3	PICTURE	S9(8).	00083000
08	X4	PICTURE	S9(8).	00083100
08	X5	PICTURE	S9(8).	00083200
08	X9	PICTURE	S9(5).	00083300
08	XIB	PICTURE	S9(5).	00083400
08	XIB2	PICTURE	S9(5).	00083500
08	XICOL	PICTURE	S9(5).	00083600
08	XICOM	PICTURE	S9(5).	00083700
08	XICNL	PICTURE	S9(5).	00083800
08	XICNW	PICTURE	S9(8).	00083900
08	XIHL	PICTURE	S9(8).	00084000
08	XIHL2	PICTURE	S9(8).	00084100
08	XIL	PICTURE	S9(5).	00084200
08	XIL2	PICTURE	S9(5).	00084300
08	XIH	PICTURE	S9(5).	00084400
08	XIMAC	PICTURE	S9(5).	00084500
08	XIND	PICTURE	S9(5).	00084600
08	XIP	PICTURE	S9(5).	00084700
08	XIPH	PICTURE	S9(5).	00084800
08	XIPI	PICTURE	S9(5).	00084900
08	XIPIT	PICTURE	S9(5).	00085000

08	XIPLAST	PICTURE	S9(5).	00085100
08	XIPOP	PICTURE	S9(5).	00085200
08	XISHL	PICTURE	S9(8).	00085300
08	XISA	PICTURE	S9(5).	00085400
08	XISC	PICTURE	S9(5).	00085500
08	XITOP	PICTURE	S9(5).	00085600
08	XITOP1	PICTURE	S9(5).	00085700
08	XITOP2	PICTURE	S9(5).	00085800
* 01	FILLER	PICTURE X(8)	VALUE 'RUN-HOLD'.	00085900
* 01	RUN-HOLDS.			00086000
	NOTE:	THESE COUNTS ARE SET TO ZERO AT THE START OF THE RUN.		00086100
02	FILLER	INDEX	SYNC.	00086200
08	HIDFLT.			00086300
08	HIM.			00086400
08	HIMD.			00086500
08	KIIMD.			00086600
02	FILLER	COMPUTATIONAL	SYNC.	00086700
08	ABENDSW	PICTURE	S9(5).	00086800
08	CC1CTR	PICTURE	S9(6).	00086900
08	CITCT	PIC	S9(6).	00087000
08	CEDEFSW	PICTURE	S9(5).	00087100
08	CUMULATIVE-TOTAL	PIC	S9(6).	00087200
08	DEFSW	PICTURE	S9(5).	00087300
08	FIRSTDIR	PICTURE	S9(5).	00087400
08	HELD-OPTION-CARD-CT	PICTURE	S9(5).	00087500
08	HELDRCARDSW	PICTURE	S9(5).	00087600
08	HREPORTNO	PICTURE	S9(5).	00087700
08	INDEX-CARDS-SW	PIC	S9(5).	00087800
08	INDEX-RUN-SW	PIC	S9(5).	00087900
08	INITSW	PICTURE	S9(5).	00088000
08	LINES-PER-INCH	PIC	S9(5).	00088100
08	MARCINCT	PICTURE	S9(6).	00088200
08	MARCREADCT	PICTURE	S9(6).	00088300
08	MARCSKIP	PICTURE	S9(6).	00088400
08	MECFSW	PICTURE	S9(5).	00088500
08	OPEOPSW	PICTURE	S9(5).	00088600
08	OPTION-CARD-HOLD-SW	PICTURE	S9(5).	00088700
08	READBYPWSW	PICTURE	S9(5).	00088800
08	SAVEPAGECTR	PICTURE	S9(5).	00088900
08	SELSW	PICTURE	S9(5).	00089000
08	SETCITNO	PIC	S9(8).	00089100
08	TIMING-RUN-SW	PICTURE	S9(5).	00089200
08	TOTLINES	PICTURE	S9(8).	00089300
08	TOTRLN	PIC	S9(8).	00089400
08	TOTPAGES	PICTURE	S9(5).	00089500
08	TRACESW	PICTURE	S9(5).	00089600
08	TRANSOUTCT	PICTURE	S9(6).	00089700
08	XRLN	PICTURE	S9(5).	00089800
01	FILLER	PICTURE X(8)	VALUE 'MIXEDHLD'.	00089900
				00090000

* 01	MIXED-HOLDS.		00090100
* NOTE:	08 LEVEL ITEMS MUST BEGIN ON HALF-WORD BOUNDARIES.		00090200
	08 WCOLUMN-PARAMS	COMP SYNC.	00090300
	10 WLINCONTROL.		00090400
	12 WLINDEX	PICTURE S9(5).	00090500
	12 WLINCNT	PICTURE S9(5).	00090600
	10 WCONTCARDNUM	PICTURE S9(5).	00090700
*			00090800
*	WLINDIR IS USED DURING THE ASSEMBLY OF A LINE-IN-PROCESS.		00090900
*	ITS CONTENTS ARE INITIALIZED BY PROCEDURE LINE-DIR-PREP AND		00091000
*	STORED BY PROCEDURE LINE-END.		00091100
*	THUS, THE APPROPRIATE TIME TO MODIFY THE CONTENTS OF WLINDIR		00091200
*	IS AFTER EXECUTING LINE-DIR-PREP AND BEFORE EX LINE-END.		00091300
*	FOR DESCRIPTION OF EACH ENTRY, SEE LINE-DIRECTORY-TABLE,		00091400
	08 WLINDIR.		00091500
	12 WLINCOD.		00091600
	16 WLINCOD-N1	PICTURE 9.	00091700
	12 FILLER REDEFINES WLINCOD.		00091800
	16 WLINCOD-SN1	PICTURE S9.	00091900
	12 WLINCNT	PICTURE X.	00092000
	12 FILLER COMP SYNC.		00092100
	16 WLINPREF	PICTURE S9(4).	00092200
	16 WLINADR	PICTURE S9(4).	00092300
	16 WLINDENT	PICTURE S9(4).	00092400
	16 WLINREST	PICTURE S9(4).	00092500
08	ENDCOL-LINDIR	PICTURE X(10).	00092600
08	ENDPAGE-LINDIR	PICTURE X(10).	00092700
08	BINDISP8.		00092800
	12 BIN8	PIC S9(8) COMP SYNC.	00092900
08	BINDISP4.		00093000
	12 BIN4	PIC S9(4) COMP SYNC.	00093100
08	BINWORK	PICTURE 9(4) COMPUTATIONAL VALUE ZERO.	00093200
08	FILLER REDEFINES BINWORK.		00093300
	12 BINX1	PICTURE X.	00093400
	12 BINX2	PICTURE X.	00093500
08	SITWORK	PICTURE 9(2) VALUE ZERO.	00093600
08	FILLER REDEFINES SITWORK.		00093700
	12 SITNX1	PICTURE 9.	00093800
	12 SITNX2	PICTURE 9.	00093900
08	HOLD-DIR.		00094000
	12 HDTAG.		00094100
	16 HDTG1	PICTURE X.	00094200
	16 HDTG2	PICTURE X(2).	00094300
	12 HDTGSEQ	PICTURE X.	00094400
	12 HDALPHA	PICTURE X(3).	00094500
	12 HDACT	PICTURE X.	00094600
	12 HDLENGTH	PICTURE S9(4) COMP SYNC.	00094700
	12 HDADDR	PICTURE S9(4) COMP SYNC.	00094800
08	HDINDICS.		00094900
	12 HDIND1	PICTURE X.	00095000


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12 HDIND2 PICTURE X.
08 CONWORK.
12 CONLENX.
16 CONBIN PICTURE S9(4) COMP SYNC.
16 FILLER REDEFINES CONBIN.
20 CONLEN PICTURE 9(2).
12 CONTEXT PICTURE X(20).
12 CONWARN PICTURE S9(4) COMP SYNC.
08 FILLER REDEFINES CONWORK.
12 CONX PICTURE X OCCURS 24 TIMES.

*
66 LINECT RENAMES WLINCNT.
*
01 FILLER PICTURE X(8) VALUE 'SUB-HOLD'.
01 SUB-HOLD.
08 FILLER COMP SYNC.
12 SUBCNT PICTURE S9(8).
12 SUBCDAD PICTURE S9(8).
12 SUBADDR PICTURE S9(8).
08 SUBFIELD-DIRECTORIES COMP SYNC.
10 SUBDIR OCCURS 16 TIMES INDEXED BY ISA.
12 SUBADR PICTURE S9(8).
12 SUBLNGTH PICTURE S9(8).
08 SUBCODES.
12 SUBCOD PICTURE X OCCURS 16 TIMES
DEPENDING ON SUBCNT INDEXED BY ISC.

*
01 FILLER PICTURE X(8) VALUE 'ALPHAHLD'.
01 ALPHA-HOLDS.
NOTE: ALPHA-REPORT-HOLD IS SET TO BLANKS
BEFORE EACH REPORT.
02 ALPHA-REPORT-HOLD.
08 CALL-NUM-WORK.
12 FILLER PICTURE X(2).
12 CNWX PICTURE X OCCURS 30 TIMES
INDEXED BY ICNW.
08 FIELD-HOLD.
12 FILLER PICTURE S9(4) COMP SYNC.
12 FILLER PICTURE X.
12 FTAG.
16 FILLER PICTURE X.
16 FTG2BIN PICTURE S9(4) COMP SYNC.
12 FILLER REDEFINES FTAG.
16 FTG1 PICTURE X.
16 FTG2 PICTURE X(2).
88 TAG-SERIES-REQUESTED VALUE '***'.
12 FILLER REDEFINES FTAG.
16 FTAGN PICTURE 9(3).
08 W4 PICTURE X(4).
08 TEST.

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00095100
00095200
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00096000
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00096400
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00098900
00099000
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00099900
00100000

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12	TST1	PICTURE X.	00100100
12	TST2	PICTURE X.	00100200
12	TST3	PICTURE X.	00100300
12	TST4	PICTURE X.	00100400
08	CLABEL	PIC X(8).	00100500
08	COLADJ-CODE	PICTURE X.	00100600
08	HELD-LTSET-LEVEL	PICTURE X.	00100700
08	FIRSTNONCONTLIND	PIC X.	00100800
08	H LINESKIP 1X.		00100900
12	H LINESKIP 1	PIC 9.	00101000
08	COMPLETTER	PIC X.	00101100
08	SUBCODE	PICTURE X.	00101200
08	W1B	PICTURE X.	00101300
08	SELECTIND	PIC X.	00101400
08	ALTCONSTIND	PIC X.	00101500
08	WSEQIND PICTURE X	VALUE SPACE.	00101600
08	HFORMAT	PICTURE X.	00101700
08	CONTNOTEREQ	PIC X.	00101800
88	CONTINUE-NOTATION	NON-REQUESTED VALUE 'X'.	00101900
08	NREPORTNO	PIC 9(2).	00102000
08	DISP-MESSAGE	PICTURE X(19) VALUE SPACE.	00102100
02	ALPHA-RUN-HOLD.		00102200
08	RETURN-CODE-TABLE.		00102300
12	RC	PIC X OCCURS 16 TIMES.	00102400
08	W1HEX	PICTURE S9(4) COMP SYNC.	00102500
08	FILLER REDEFINES W1HEX.		00102600
12	FILLER	PICTURE X.	00102700
12	W1.		00102800
16	SN1	PICTURE S9.	00102900
08	W2HEX	PIC S9(4) COMP SYNC.	00103000
08	W2 REDEFINES W2HEX.		00103100
12	W2A	PIC X.	00103200
12	W2B	PIC X.	00103300
08	FILLER REDEFINES W2HEX.		00103400
12	SN2	PIC S9(2).	00103500
08	N1	PICTURE 9 VALUE ZERO.	00103600
08	N2	PICTURE 9(2) VALUE ZERO.	00103700
08	FILLER REDEFINES N2.		00103800
12	N1A	PICTURE 9.	00103900
12	N1B	PICTURE 9.	00104000
08	N3	PICTURE 9(3) VALUE ZERO.	00104100
08	N4	PICTURE 9(4) VALUE ZERO.	00104200
08	N8GRP.		00104300
12	N8	PIC 9(8).	00104400
08	DEC2GRP.		00104500
12	DEC2NUM	PIC ZZZ,ZZZ.99.	00104600
08	REFGRP.		00104700
12	REFNUM	PIC ZZZZZ9.	00104800
08	DISPGRP.		00104900
12	DISPNUM	PIC ZZZ,ZZ9.	00105000

08	PAGEGRP.			00105100
12	PAGENUM		PICTURE ZZZZZ9.	00105200
12	FILLER	PICTURE X	VALUE '-'. .	00105300
08	PAGEGRP1	REDEFINES	PAGEGRP.	00105400
12	PGX	PICTURE X	OCCURS 7 TIMES INDEXED BY IPG.	00105500
08	CITGRP.			00105600
12	CITNUM		PICTURE ZZZZZ9.	00105700
12	FILLER	PICTURE X	VALUE '. . .	00105800
12	FILLER	PICTURE X	VALUE LOW-VALUE.	00105900
08	HEADGRP.			00106000
12	HEADNUM		PICTURE ZZZZZ9.	00106100
12	FILLER	PICTURE X	VALUE '. . .	00106200
12	FILLER	PICTURE X	VALUE LOW-VALUE.	00106300
08	ABABGRP.			00106400
12	ARABNUMX		PICTURE ZZ9.	00106500
12	FILLER	PICTURE X	VALUE '. . .	00106600
12	FILLER	PICTURE X	VALUE LOW-VALUE.	00106700
08	ALPHAGRP.			00106800
12	FILLER	PICTURE X	VALUE SPACE.	00106900
12	ALPHACHAR	PICTURE X	VALUE SPACE.	00107000
12	FILLER	PICTURE X	VALUE '. . .	00107100
12	FILLER	PICTURE X	VALUE LOW-VALUE.	00107200
08	DATEGRP	PICTURE X(8)	VALUE SPACE.	00107300
08	TIMEGRP.			00107400
12	TIMEHRS	PIC X(2).		00107500
12	TIMEMIN	PIC X(2).		00107600
12	TIMESEC	PIC X(2).		00107700
08	OPTCARDNUM		PICTURE ZZ9.	00107800
08	PRINT-TRAIN		PIC X.	00107900
08	RECTYPE		PICTURE X VALUE SPACE.	00108000
08	HACNO		PICTURE X(11) VALUE SPACE.	00108100
08	REFERBACK-SWITCHES.			00108200
12	REFERBACK		PIC S9 OCCURS 9 TIMES.	00108300
66	TEST2	RENAMES	TST1 THRU TST2.	00108400
66	TEST3	RENAMES	TST1 THRU TST3.	00108500
01	FILLER	PICTURE X(8)	VALUE 'MDATHOLD'.	00108600
01	MDAT.			00108700
08	MRLN		PIC 9(4) COMP SYNC.	00108800
08	FILLER	PICTURE X(10).		00109000
08	MRDL		PIC 9(4) COMP SYNC.	00109100
08	MDEC		PIC 9(4) COMP SYNC.	00109200
08	FILLER	PICTURE X(8).		00109300
08	MACNO.			00109400
10	MACPART1.			00109500
12	MACPREF.			00109600
16	MACPREF1	PICTURE X.		00109700
16	MACPREF2	PICTURE X.		00109800
12	FILLER.			00109900
16	FILLER		PIC X(4).	00110000

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10 MACPART2.                                00110100
12 FILLER PIC X(5).                          00110200
08 FILLER REDEFINES MACNO.                   00110300
12 MACX PICTURE X OCCURS 11 TIMES INDEXED BY IMAC. 00110400
08 FILLER PICTURE X(3).                      00110500
08 FILLER PICTURE X(3).                      00110600
08 MDATE PICTURE X(6).                       00110700
08 FILLER PICTURE X(33).                     00110800
08 MREPORTNO PIC 9(4) COMP SYNC.             00110900
08 MREFNO PIC S9(8) COMP.                    00111000
08 MFORMAT PICTURE X.                        00111100
08 FILLER PICTURE X(5).                       00111200
01 FIXD REDEFINES HDAT.                       00111300
08 FIXX PICTURE X OCCURS 92 TIMES INDEXED BY IFIX. 00111400
01 STRINGWORK.                                00111500
08 STRING1.                                    00111600
12 SWX1 PIC X.                                00111700
12 SWX2 PIC X.                                00111800
12 SWX3 PIC X.                                00111900
12 SWX4 PIC X.                                00112000
12 SWX5 PIC X.                                00112100
12 SWX6 PIC X.                                00112200
12 SWX7 PIC X.                                00112300
12 SWX8 PIC X.                                00112400
12 SWX9 PIC X.                                00112500
12 SWX10 PIC X.                               00112600
12 SWX11 PIC X.                               00112700
12 SWX12 PIC X.                               00112800
12 SWX13 PIC X.                               00112900
12 SWX14 PIC X.                               00113000
12 SWX15 PIC X.                               00113100
12 FILLER PIC X(57).                          00113200
12 SWX73 PIC X.                               00113300
12 FILLER PIC X(6).                           00113400
12 SWX80 PIC X.                               00113500
08 STRINGVAR REDEFINES STRING1.               00113600
12 SWX PIC X OCCURS 80 TIMES                   00113700
DEPENDING ON SWL                               00113800
INDEXED BY ISW ISW1 ISW2.                     00113900
66 STRING1-2 RENAMES SWX1 THRU SWX2.          00114000
66 STRING1-3 RENAMES SWX1 THRU SWX3.          00114100
66 STRING1-4 RENAMES SWX1 THRU SWX4.          00114200
66 STRING1-5 RENAMES SWX1 THRU SWX5.          00114300
66 STRING1-6 RENAMES SWX1 THRU SWX6.          00114400
66 STRING1-7 RENAMES SWX1 THRU SWX7.          00114500
66 STRING1-8 RENAMES SWX1 THRU SWX8.          00114600
66 STRING1-9 RENAMES SWX1 THRU SWX9.          00114700
66 STRING1-10 RENAMES SWX1 THRU SWX10.         00114800
66 STRING1-11 RENAMES SWX1 THRU SWX11.         00114900
66 STRING1-11 RENAMES SWX1 THRU SWX11.         00115000

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