


```
$JOB          COBOL HELLO WORLD
$EXECUTE     IBCJOB
IBJOB VERSION 5 HAS CONTROL.
$IBJOB       GO,LOGIC,MAP,FIOCS
$IBCBC HELLO  FULIST,REF,NODECK,M94,XR7
```

REPLICA OF THE SOURCE PROGRAM AUGMENTED BY THE EQUIVALENT NAMES AND CARD NUMBERS ASSIGNED BY THE COMPILER.

```
0000 $IBCBC HELLO  FULIST,REF,NODECK,M94,XR7
0001 000100 IDENTIFICATION DIVISION.
0002 000200 PROGRAM-ID.          COB0.
0003 000300 AUTHOR.                   B W SPOOR.
0004 000400 INSTALLATION.              FRIDAY COMPUTER SERVICES.
0005 000500 DATE-WRITTEN.              SEPTEMBER 2004.
0006 000600 DATE-COMPILED.            SEPTEMBER 2004.
0007 000700*
0008 000800*
0009 000900*   OUTPUT 'HELLO WORLD'
0010 001000*
0011 001100*
0012 001200 ENVIRONMENT DIVISION.
0013 001300 CONFIGURATION SECTION.
0014 001400 SOURCE-COMPUTER.  IBM-7094.
0015 001501 OBJECT-COMPUTER.  IBM-7094.
0016 001600 INPUT-OUTPUT SECTION.
0017 001700 FILE-CONTROL.
0018 001800
0019 001900 DATA DIVISION.
0020 002000 WORKING-STORAGE SECTION.
EN0231 0021 002100 01          FILLER          PICTURE X.
0022 002200
0023 002300 PROCEDURE DIVISION.
0024 002301
0025 002400 CONT-SECT.
EN0234(0025)
0026 002500 CONT-0000.
EN0235(0026)
0027 002600          DISPLAY 'HELLO WORLD'.
0028 002700 CONT-9999.
EN0236(0028)
0029 002800          STOP RUN.
0030 $CBEND
```

COBOL CROSS REFERENCE DICTIONARY.

THE NUMBERS WHICH FOLLOW EACH EXTERNAL NAME ARE THOSE ASSIGNED BY THE COBOL COMPILER. IF A NAME IS FOLLOWED BY MORE THAN ONE NUMBER, THEY ARE ALL EN NUMBERS, ALTHOUGH ONLY THE FIRST ONE IS EXPLICITLY GIVEN AS 'ENXXXX'.

A 'GENERATED NAME NUMBER' (GNXXXX) IS GIVEN TO AN UNDEFINED PROCEDURE NAME.

A 'TEMPORARY STORAGE NUMBER' (TSXXXX) IS GIVEN TO AN UNDEFINED DATA NAME

CONT-SECT	EN0234
CONT-0000	EN0235
CONT-9999	EN0236

HELLO

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NO ERRORS WERE DETECTED BY THE COMPILER.

HELLO
7094 RELMOD ASSEMBLY. COMPILER GENERATED INPUT.

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\$IBLDR HELLO

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\$TEXT HELLO

HELL0001

BINARY CARD (NOT PUNCHED)

00000	100000000000	00001	HELLO	USE	0
	00000		GN0000	NULL	
00000	1 00000 0 00013	10001		SAVEN	3,5,6,7,1,2,4,I
00001	0774 00 7 00000	10000			
00002	0774 00 6 00000	10000			
00003	0774 00 5 00000	10000			
00004	0774 00 3 00000	10000			
00005	0774 00 2 00000	10000			
00006	0774 00 1 00000	10000			
00007	0774 00 4 00000	10000			
00010	0441 00 0 00012	10001			
00011	0020 00 4 00001	10000			
00012	0 00000 0 00000	10000			
00013	0604 00 0 00012	10001			
00014	0634 00 4 01400	10011			
00015	0634 00 4 00007	10001			
00016	0634 00 1 00006	10001			
00017	0634 00 2 00005	10001			
00020	0634 00 3 00004	10001			
00021	0634 00 5 00003	10001			

BINARY CARD (NOT PUNCHED)

00022	0634 00 6 00002	10001			
00023	0634 00 7 00001	10001			
00024	4774 00 4 00031	10001			
00025	0020 00 0 00401	10011	GN0001	AXC	GN0002+2,4
00026	0634 00 4 00027	10001		TRA	*+1
				SXA	GN0002,4
00110	100000000110	00001		USE	1
00110	200000000001	00001	WS	BSS	1
00027	100000000027	00001		USE	0
00027	0774 00 4 00000	10000	GN0002	AXT	** ,4
00030	4625 00 0 00025	10001		STL	GN0001
00031	0020 00 4 00001	10000		TRA	1,4

	00032		EN0234	NULL	
	00032		EN0235	NULL	
15,			GN0003	CALL	.CDISP
				ETC	(CP+2
				ETC)'0000'

00032	000000000000	00010			
00032	0074 00 4 01000	10011			
00033	1 00001 0 00403	10011			
00034	0 00106 0 00000	10100			
00035	0 00000 0 00102	10001			
00036	0020 00 0 00402	10011		TRA	*+2
00037	0 00000 0 00013	10000		PZE	11,,0
	00040		EN0236	NULL	

21,			GN0004	CALL	.CDISP
				ETC	(CP+4
				ETC	,CP+5
				ETC)'0000'

00040	000000000000	00010			
-------	--------------	-------	--	--	--

BINARY CARD (NOT PUNCHED)

00040	0074 00 4 01000	10011			
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HELLO
ASSEMBLED TEXT.

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00041	1	00002	0	00404	10011			
00042	0	00106	0	00000	10100			
00043	0	00000	0	00104	10001			
00044	0	00000	0	00105	10001			
00045	0020	00	0	00403	10011	TRA	*+3	
00046	0	00000	0	00005	10000	PZE	5,,0	
00047	0	00000	0	00003	10000	PZE	3,,0	
				00050		RETURN	GN0000	
				00051		RETURN	GN0000	EN0237
				00052		BL	NULL	
				00052		PI	NULL	
00052	0	00000	0	00000	10000	RS	PZE	0
00053	0	00000	0	00000	10000		PZE	0
00054	0	00000	0	00000	10000	TS	PZE	0
00055	0	00000	0	00000	10000		PZE	0
00056	0	00000	0	00000	10000		PZE	0
00057	0	00000	0	00000	10000		PZE	0
00060	0	00000	0	00000	10000		PZE	0
00061	0	00000	0	00000	10000		PZE	0
00062	0	00000	0	00000	10000		PZE	0

BINARY CARD (NOT PUNCHED)

00063	0	00000	0	00000	10000		PZE	0
00064	0	00000	0	00000	10000		PZE	0
00065	0	00000	0	00000	10000		PZE	0
00066	0	00000	0	00000	10000		PZE	0
00067	0	00000	0	00000	10000		PZE	0
00070	0	00000	0	00000	10000		PZE	0
00071	0	00000	0	00000	10000		PZE	0
00072	0	00000	0	00000	10000		PZE	0
00073	0	00000	0	00000	10000		PZE	0
00074	0	00000	0	00000	10000		PZE	0
00075	0	00000	0	00000	10000		PZE	0
00076	0	00000	0	00000	10000		PZE	0
00077	0	00000	0	00000	10000		PZE	0
00100	000000000000			10000		CP	OCT	000000000000
00101	000000000001			10000			OCT	000000000001
00102	302543434660			10000			OCT	302543434660
00103	664651432460			10000			OCT	664651432460
00104	626346476060			10000			OCT	626346476060
00105	516445606060			10000			OCT	516445606060

BINARY CARD (NOT PUNCHED)

00106	200000000000	00001	SP	BSS	0			
00106	000000000000	10000		*LDIR				
00107	302543434660	10000						
	00000	01111		END	GN0000			

HELLO
CONTROL DICTIONARY

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\$CDICT HELLO

HELL0002

BINARY CARD (NOT PUNCHED)

000111000000
000004000006
302543434660
000111000000
332324316247
200000100000
627062434623
200000000000

PREFACE

START=0,LENGTH=73,TYPE=7094,CMPLX=6

HELLO DECK

.CDISP VIRTUAL

SECT. 2,CALL

SYSLOC VIRTUAL

SECT. 3

\$DKEND HELLO

HELL0003

NO MESSAGES FOR THIS ASSEMBLY

REFERENCES TO DEFINED SYMBOLS.

CLASS	SYMBOL	VALUE	REFERENCES
LCTR	0		
LCTR	1		
	BL	00052	
	CP	00100	35,43,44
	EN0234	00032	
	EN0235	00032	
	EN0236	00040	
	EN0237	00051	
	GN0000	00000	50,51,110
	GN0001	00025	30
	GN0002	00027	24,26
	GN0003	00032	
	GN0004	00040	
	HELLO	00000	
	..0001	00007	15,16,17,20,21,22,23
	..0002	00011	10,13
	..0003	00013	0
	PI	00052	
	RS	00052	
LCTR	BLCTR		
QUAL	UNQS		
LCTR	//		
	SP	00106	
	TS	00054	
	WS	00110	

REFERENCES TO VIRTUAL SYMBOLS.

.CDISP	2	32,40
SYSLOC	3	14

* CROSS REFERENCE LOGIC *

```
DECK HELLO 03004 SIZE = 00111
      VIRT .CDISP REFERS TO CDISP AT 12146
      VIRT SYSLOC REFERS TO .JBCON AT 02652

SUBR .IBSYS 00000 SIZE = 00134
      REAL SYSLB1 00000
      REAL SYSLB2 00001
      REAL SYSLB3 00002
      REAL SYSLB4 00003
      REAL SYSCRD 00004
      REAL SYSPRT 00005
      REAL SYSPCH 00006
      REAL SYSOU1 00007 REF'D BY - .FPTRP, .LXSL, .LXCON
      REAL SYSOU2 00010
      REAL SYSIN1 00011
      REAL SYSIN2 00012
      REAL SYSPP1 00013
      REAL SYSPP2 00014
      REAL SYSCK1 00015
      REAL SYSCK2 00016
      REAL SYSUT1 00017
      REAL SYSUT2 00020
      REAL SYSUT3 00021
      REAL SYSUT4 00022
      REAL SYSUT5 00023
      REAL SYSUT6 00024
      REAL SYSUT7 00025
      REAL SYSUT8 00026
      REAL SYSUT9 00027
      REAL SYSTRA 00100
      REAL SYSDAT 00101
      REAL SYSCUR 00102
      REAL SYSRET 00103 REF'D BY - .LXCON
      REAL SYSKEY 00104
      REAL SYSSWS 00105
      REAL SYSPOS 00106
      REAL SYSUNI 00107 REF'D BY - .LXSL, .LXCON
      REAL SYSUBC 00110
      REAL SYSUAV 00111 REF'D BY - .LXCON
      REAL SYSUCW 00112
      REAL SYSRPT 00113
      REAL SYSCEM 00114
      REAL SYSDMP 00115 REF'D BY - .LXCON
      REAL SYSIOX 00116
      REAL SYSIDR 00117 REF'D BY - .LXCON
      REAL SYSCOR 00120
      REAL SYSLDR 00121
      REAL SYSACC 00122
      REAL SYSPID 00123
      REAL SYSCYD 00124
      REAL SYSSLD 00126
      REAL SYSTCH 00127
      REAL SYSTWT 00131 REF'D BY - .LXSL, .IOCSF
      REAL SYSGET 00132
```

* CROSS REFERENCE LOGIC *

```

REAL  SYSJOB 00133 REF'D BY - .LXSL , .IOCSF, .LXCON
SUBR  .IOEX  00702  SIZE = 00047
REAL  .ACTV  00702 REF'D BY - .LXSL , .IOCSF, .IODEF
REAL  .NDSEL 00704
REAL  .MWR   00706 REF'D BY - CDISP , CDPLY , COPEN , .LXSL , .LXCON
REAL  .PUNCH 00707
REAL  .ENBSW 00710
REAL  .PAWS  00711
REAL  .PAUSE 00712
REAL  .STOP  00713
REAL  .SYMUN 00714
REAL  .DECVD 00715 REF'D BY - CEOBP , COPEN , .LXSL
REAL  .DECVA 00716
REAL  .CKWAT 00717
REAL  .BCD5R 00720 REF'D BY - .LXCON
REAL  .BCD5X 00721
REAL  .CVPRT 00722
REAL  .STOPD 00723 REF'D BY - .LXCON
REAL  .CHXAC 00724
REAL  .URRX  00725 REF'D BY - .LXSL
REAL  .RCTX  00726
REAL  .RCHX  00727 REF'D BY - .LXSL
REAL  .TCOX  00730
REAL  .TRCX  00731
REAL  .ETTX  00732
REAL  .TEFX  00733
REAL  .TRAPX 00734
REAL  .TRAPS 00735
REAL  .COMM  00736
REAL  .LTPOS 00737
REAL  .IOXSI 00740
REAL  .CHPSW 00741
REAL  .TRPSW 00742
REAL  .FDAMT 00743 REF'D BY - .LXSL
REAL  .SDCXI 00744
REAL  .STCXI 00745
REAL  .COMMD 00746
REAL  .IBCDZ 00747
REAL  .CHXSP 00750
SUBR  .JBCON 02652  SIZE = 00046
REAL  SYSLOC 02652 REF'D BY - HELLO , .LXSL
REAL  SYSFAZ 02653
REAL  .JCOR  02654
REAL  .JDATE 02655
REAL  .JLDAT 02656
REAL  .JTYPE 02660 REF'D BY - .LXCON
REAL  .JLIN  02661 REF'D BY - .LXCON
REAL  .JVER  02662
REAL  SYSDSB 02663
REAL  .IOEXD 02664
REAL  .FDPOS 02715
REAL  .JDTRK 02716
REAL  SYSZRO 02717

```

* CROSS REFERENCE LOGIC *

```
SUBR .LXCON 03115 SIZE = 00454
REAL .LXSTR 03115
REAL .LXSTP 03120 REF'D BY - .LXSL
REAL .LXOUT 03166
REAL .LXERR 03175 REF'D BY - CEOBP
REAL .LXCAL 03200
REAL .LXRTN 03200
REAL IBEXIT 03200
REAL .DBCLS 03362
REAL .LXARG 03531
REAL .L0 03554
REAL .CLSE 03562 REF'D BY - .IODEF
REAL .LFBL 03563
REAL .LUNB 03564 REF'D BY - .IODEF
REAL .DFOUT 03565 REF'D BY - .LXSL
VIRT .LXSEL REFERS TO .LXSL AT 06320
VIRT .LXSL1 REFERS TO .LXSL AT 06321
VIRT .BCD5R REFERS TO .IOEX AT 00720
VIRT .MWR REFERS TO .IOEX AT 00706
VIRT .JTYPE REFERS TO .JBCON AT 02660
VIRT SYSJOB REFERS TO .IBSYS AT 00133
VIRT SYSUNI REFERS TO .IBSYS AT 00107
VIRT SYSUAV REFERS TO .IBSYS AT 00111
VIRT SYSIDR REFERS TO .IBSYS AT 00117
VIRT .JLIN REFERS TO .JBCON AT 02661
VIRT SYSRET REFERS TO .IBSYS AT 00103
VIRT SYSDMP REFERS TO .IBSYS AT 00115
VIRT SYSOU1 REFERS TO .IBSYS AT 00007
VIRT .LTCH REFERS TO .LXSL AT 06462
VIRT .STOPD REFERS TO .IOEX AT 00723

SUBR .IODEF 03571 SIZE = 00224
REAL .DEFIN 03571 REF'D BY - .IOCSF
REAL .ATTAC 03575
REAL .CLOSE 03577 REF'D BY - COPEN
REAL .OPEN 03601 REF'D BY - CDISP , CDPLY , COPEN
REAL .READ 03603
REAL .WRITE 03605 REF'D BY - CDISP , CDPLY , CEOBP , COPEN
REAL .BSR 03615
REAL .READR 03625
REAL .RELES 03627
REAL .LAREA 03640
REAL .LFBLK 03656 REF'D BY - .IOCSF
REAL .LTSX 03661
REAL .RLHLD 03671 REF'D BY - CEOBP
REAL .AREAL 03674 REF'D BY - .IOCSF
REAL .LUNBL 03702
REAL .ENTRY 03706 REF'D BY - .IOCSF
REAL .GOA 03743 REF'D BY - .IOCSF
REAL .GO 03747 REF'D BY - .IOCSF
REAL .DERR 03763 REF'D BY - .IOCSF
REAL .NOPXI 03764 REF'D BY - .IOCSF
REAL .COMXI 03766 REF'D BY - .IOCSF
REAL .EX34 04010 REF'D BY - .IOCSF
VIRT .ACTV REFERS TO .IOEX AT 00702
VIRT .CLSE REFERS TO .LXCON AT 03562
```

* CROSS REFERENCE LOGIC *

VIRT .LUNB REFERS TO .LXCON AT 03564

SUBR .IOCSF 04015 SIZE = 02302
VIRT .ACTV REFERS TO .IOEX AT 00702
VIRT .NOPXI REFERS TO .IODEF AT 03764
VIRT .COMXI REFERS TO .IODEF AT 03766
VIRT .LFBLK REFERS TO .IODEF AT 03656
VIRT .AREAL REFERS TO .IODEF AT 03674
VIRT .EX34 REFERS TO .IODEF AT 04010
VIRT .DEFIN REFERS TO .IODEF AT 03571
VIRT .ENTRY REFERS TO .IODEF AT 03706
VIRT .GOA REFERS TO .IODEF AT 03743
VIRT .GO REFERS TO .IODEF AT 03747
VIRT .DERR REFERS TO .IODEF AT 03763
VIRT SYSTWT REFERS TO .IBSYS AT 00131
VIRT SYSJOB REFERS TO .IBSYS AT 00133

SUBR .LXSL 06317 SIZE = 00152
REAL .LXSLB 06317
REAL .LXSEL 06320 REF'D BY - .LXCON
REAL .LXSL1 06321 REF'D BY - .LXCON, .FPTRP
REAL .LXTST 06324
REAL .LXOVL 06367
REAL .LXMOD 06431
REAL .LXIND 06455
REAL .LXDIS 06460
REAL .LXFLG 06461
REAL .LTCH 06462 REF'D BY - .LXCON, .FPTRP
VIRT SYSLOC REFERS TO .JBCON AT 02652
VIRT SYSOUL REFERS TO .IBSYS AT 00007
VIRT .DFOUT REFERS TO .LXCON AT 03565
VIRT SYSUNI REFERS TO .IBSYS AT 00107
VIRT .ACTV REFERS TO .IOEX AT 00702
VIRT .RCHX REFERS TO .IOEX AT 00727
VIRT SYSJOB REFERS TO .IBSYS AT 00133
VIRT .URRX REFERS TO .IOEX AT 00725
VIRT .DECVD REFERS TO .IOEX AT 00715
VIRT .FDAMT REFERS TO .IOEX AT 00743
VIRT .MWR REFERS TO .IOEX AT 00706
VIRT .LXSTP REFERS TO .LXCON AT 03120
VIRT SYSTWT REFERS TO .IBSYS AT 00131

SUBR .FPTRP 06471 SIZE = 00210
REAL .FFPT. 06471
REAL .FPOUT 06620
REAL .FPARG 06626
REAL .COUNT 06630
REAL OVFLOW 06674
VIRT .LXSL1 REFERS TO .LXSL AT 06321
VIRT SYSOUL REFERS TO .IBSYS AT 00007
VIRT .LTCH REFERS TO .LXSL AT 06462

SUBR CMPAK 06701 SIZE = 02506
REAL .CMPAK 06701
REAL .CMPK1 06730
REAL .CMPK2 06736

* CROSS REFERENCE LOGIC *

```
REAL .CMPK3 06743 REF'D BY -   CDISP
REAL .CX4   06766
REAL .CXIT  06773
REAL .CAREF 06777 REF'D BY -   CDISP
REAL .CBREF 07000 REF'D BY -   CDISP
REAL .COFLO 07001
REAL .CUFLO 07002
REAL .CIDX1 07246
REAL .CIDX4 07251 REF'D BY -   CDISP
REAL .CIDX2 07253
REAL .CXDID 07441
REAL .CXDXD 07655
REAL .CXMVS 07670
REAL .CXMOV 07671
REAL .CXBYS 07707
REAL .CXBYP 07710
REAL .CXNZZ 07722
REAL .CXNZZT 07723
REAL .CXINZ 07765
REAL .CXRND 07772
REAL .CXDXQ 10103
REAL .CANAL 10126 REF'D BY -   CDISP
REAL .CANA2 10311
REAL .CANA3 10316
REAL .CANA4 10335
REAL .CSPAN 10407 REF'D BY -   CDISP
REAL .CZEAN 10470
REAL .CCHOP 10541
REAL .CCHAN 10542
REAL .CRFLS 10660
REAL .CXDRP 10707
REAL .CIDRP 10717
REAL .CXDRQ 10742
REAL .CRQIT 10753
REAL .CRSIN 10762
REAL .CRSIG 10774
REAL .CR999 11016
REAL .CR000 11032
REAL .CRBBB 11034
REAL .CRZZZ 11044
REAL .CRAAA 11046
REAL .CRFFQ 11067
REAL .CRFFC 11071
REAL .CRFFF 11135
REAL .CINID 11176 REF'D BY -   CDISP
REAL .CIDIN 11204
VIRT .CBLER REFERS TO  CBLER   AT 11407

SUBR CBLER  11407  SIZE = 00017
REAL .CBLER 11407 REF'D BY -   CMPAK
VIRT .CDPLY REFERS TO  CDPLY   AT 12072

SUBR COPEN  11426  SIZE = 00142
REAL .CIOHS 11426 REF'D BY -   CEOBP
REAL .COPEN 11427
REAL .CCLOS 11476
```

* CROSS REFERENCE LOGIC *

VIRT .DECVD REFERS TO .IOEX AT 00715
VIRT .MWR REFERS TO .IOEX AT 00706
VIRT .OPEN REFERS TO .IODEF AT 03601
VIRT .CLOSE REFERS TO .IODEF AT 03577
VIRT .WRITE REFERS TO .IODEF AT 03605

SUBR CEOBP 11570 SIZE = 00302
REAL .CEOBP 11772 REF'D BY - CDISP , CDPLY
REAL .CERRP 12025
VIRT .WRITE REFERS TO .IODEF AT 03605
VIRT .CIOHS REFERS TO COPEN AT 11426
VIRT .DECVD REFERS TO .IOEX AT 00715
VIRT .RLHLD REFERS TO .IODEF AT 03671
VIRT .CDPLY REFERS TO CDPLY AT 12072
VIRT .LXERR REFERS TO .LXCON AT 03175

SUBR CDPLY 12072 SIZE = 00042
REAL .CDPLY 12072 REF'D BY - CEOBP , CBLER
VIRT .MWR REFERS TO .IOEX AT 00706
VIRT .CCDTY REFERS TO CCDTY AT 12134
VIRT .OPEN REFERS TO .IODEF AT 03601
VIRT .WRITE REFERS TO .IODEF AT 03605
VIRT .CEOBP REFERS TO CEOBP AT 11772

SUBR CCDTY 12134 SIZE = 00012
REAL .CCDTY 12134 REF'D BY - CDPLY , CDISP

SUBR CDISP 12146 SIZE = 00322
REAL .CDISP 12146 REF'D BY - HELLO
REAL .CDIS2 12357
REAL .CDIS1 12363
VIRT .CCDTY REFERS TO CCDTY AT 12134
VIRT .OPEN REFERS TO .IODEF AT 03601
VIRT .CBREF REFERS TO CMPAK AT 07000
VIRT .CAREF REFERS TO CMPAK AT 06777
VIRT .CMPK3 REFERS TO CMPAK AT 06743
VIRT .CANAL REFERS TO CMPAK AT 10126
VIRT .CSPAN REFERS TO CMPAK AT 10407
VIRT .CINID REFERS TO CMPAK AT 11176
VIRT .CIDX4 REFERS TO CMPAK AT 07251
VIRT .WRITE REFERS TO .IODEF AT 03605
VIRT .CEOBP REFERS TO CEOBP AT 11772
VIRT .MWR REFERS TO .IOEX AT 00706

FILE LIST

LOC

02750 GROUP RESERVED 00001 BUFFERS, MAXIMUM FILE OPEN COUNT = 00001
02751 DSPOU

02752 GROUP RESERVED 00001 BUFFERS, MAXIMUM FILE OPEN COUNT = 00001
02753 DSPFIL

BUFFER POOL
LOC

12470 BUFFER COUNT = 00854 , BUFFER SIZE = 00013 FILE COUNT= 00001 , FILE LIST LOC = 02750

43504 BUFFER COUNT = 00631 , BUFFER SIZE = 00021 FILE COUNT= 00001 , FILE LIST LOC = 02752

SYSTEM 00000 THRU 02717
 FILE BLOCK ORIGIN 02720
 FILES 1. DSPOU
 2. DSPFIL
 FILE LIST ORIGIN 02750
 PRE-EXECUTION INITIALIZATION 02754
 CALL ON OBJECT PROGRAM 02777
 OBJECT PROGRAM 03004 THRU 12467

DECK	ORIGIN	CONTROL SECTIONS (/NAME/=NON 0 LENGTH, (LOC)=DELETED, 'LOC'=MOVED, *=NOT REFERENCED)									
1.	HELLO 03004										
2.	.LXCON 03115	.LXSTR 03115 *	.LXSTP 03120	.LXOUT 03166 *	.LXERR 03175	.LXCAL 03200 *	.LXRTN 03200 *	IBEXIT 03200 *	.DBCLS 03362 *	.LXARG 03531 *	.L0 03554 *
		.CLSE 03562	.LFBL 03563 *	.LUNB 03564	.DFOUT 03565		.DEFIN 03571	.ATTAC 03575 *	.CLOSE 03577	.OPEN 03601	.READ 03603 *
3.	.IODEF 03571	.WRITE 03605	.BSR 03615 *	.READR 03625 *	.RELES 03627 *	.LAREA 03640 *	.LFBLK 03656	.LTSX 03661 *	.RLHLD 03671	.AREAL 03674	.LUNBL 03702 *
		.ENTRY 03706	.GOA 03743	.GO 03747	.DERR 03763	.NOPXI 03764	.COMXI 03766	.EX34 04010			
4.	.IOCSF 04015										
5.	.LXSL 06317	.LXSLB 06317 *	.LXSEL 06320	.LXSL1 06321	.LXTST 06324 *	.LXOVL 06367 *	.LXMOD 06431 *	.LXIND 06455 *	.LXDIS 06460 *	.LXFLG 06461 *	.LTCH 06462
6.	.FPTRP 06471	.FFPT. 06471 *	.FPOUT 06620 *	.FPARG 06626 *	/.COUNT/ 06630 *	OVFLOW 06674 *	.CMPAK 06701 *	.CMPK1 06730 *	.CMPK2 06736 *	.CMPK3 06743	.CX4 06766 *
7.	CMPAK 06701	.CXIT 06773 *	.CAREF 06777	.CBREF 07000	.COFLO 07001 *	.CUFLO 07002 *	.CIDX1 07246 *	.CIDX4 07251	.CIDX2 07253 *	.CXDID 07441 *	.CXDXD 07655 *
		.CXMVS 07670 *	.CXMOV 07671 *	.CXBYS 07707 *	.CXBYP 07710 *	.CXNZS 07722 *	.CXNZT 07723 *	.CXINZ 07765 *	.CXRND 07772 *	.CXDXQ 10103 *	.CANAL 10126
		.CANA2 10311 *	.CANA3 10316 *	.CANA4 10335 *	.CSPAN 10407	.CZEAN 10470 *	.CCHOP 10541 *	.CCHAN 10542 *	.CRFLS 10660 *	.CXDRP 10707 *	.CIDRP 10717 *
		.CXDRQ 10742 *	.CRQIT 10753 *	.CRSIN 10762 *	.CRSIG 10774 *	.CR999 11016 *	.CR000 11032 *	.CRBBB 11034 *	.CRZZZ 11044 *	.CRAAA 11046 *	.CRFFQ 11067 *
		.CRFFC 11071 *	.CRFFF 11135 *	.CINID 11176	.CIDIN 11204 *						
8.	CBLER 11407	.CBLER 11407									
9.	COPEN 11426	.CIOHS 11426	.COPEN 11427 *	.CCLOS 11476 *							
10.	CEOBP 11570	.CEOBP 11772	.CERRP 12025 *								
11.	CDPLY 12072	.CDPLY 12072									
12.	CCDTY 12134	.CCDTY 12134									
13.	CDISP 12146	.CDISP 12146	.CDIS2 12357 *	.CDIS1 12363 *							

I/O BUFFERS 12470 THRU 77766

UNUSED CORE 77767 THRU 77777

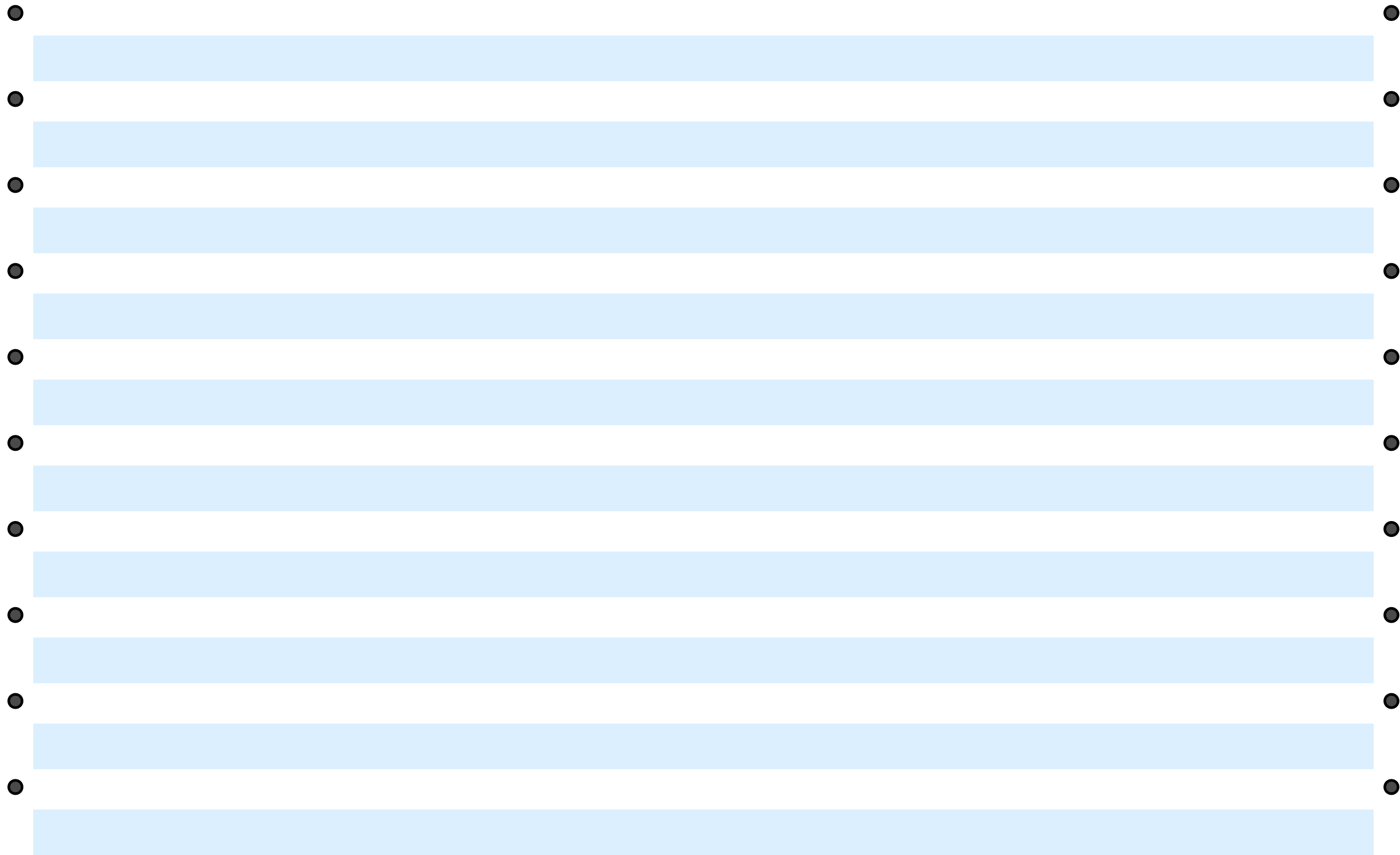
590 LINES OUTPUT.

\$IBSYS
\$STOP

PERIPHERAL UNIT POSITIONS AT END OF JOBS

SYSPP1	IS	A8	REC. 00001,	FILE 00000
SYSOU1	IS	A4	REC. 00599,	FILE 00000
SYSIN1	IS	A3	REC. 00002,	FILE 00001

END OF JOBS



EOF END OF OUTPUT

