<del>-</del>	V CCCCCCCCC 0000000000 BBBBBBBBBB SSSSSSSS AAAAAAAA MM MM PPPPPPPPPP ▼	_ <u> </u>
1 2 3	CCCCCCCCCC OOOOOOOOOO BBBBBBBBBB SSSSSSSSS AAAAAAAAAA	1 2 3 4
5 6	CC OO OO BB BB SSS AA AA MM MMMM MM PP PP CC OO OO BBBBBBBBB SSSSSSSS AAAAAAAAAA MM MM PPPPPPPPPPP CC OO BBBBBBBBBB SSSSSSSS AAAAAAAAAA MM MM PPPPPPPPPPP	5 6 7 8
7 8 9	CC OO OO BB BB SSS AA AA MM MM PP	9 10 11
10	CCCCCCCCC DODODODOD REBERBERRE SSSSSSSS AA AA MM MM PP	13 14 15
13	JJJJJJJJ 33333333 11 888888888 CCCCCCCCC	17 18 19
16		21 22 23 24
19	.I.I. 33 11 88 88 CC	25 26 27
22 23 24	JJ 33 11 88 88 CC  JJ JJ 33 11 88 88 CC  JJ JJ 33 33 11 88 88 CC	19 30 31 32
25	JJJJJJJ 333333333 111111111 8888888888	33 34 35 36
28	****C START JOB 318 COBSAMP ROOM 11.39.29 PM 24 NOV 21 PRINTER3 SYS MWO1 JOB 318 START C****	37 38 39 40
32		1 12 13 44
34		.5  6  17  48
38		.9 i0 i1 52
40		3 34 55 56
43		7 38 39 30
46		i1 i2 i3 i34
50		55 36 37 38
52 53 54	2 3 4	79 70 71 72
55 56 57		75 76
59		7 '8 '9 30

```
JES2 JOB LOG
23.39.29 JOB 318 $HASP373 COBSAMP STARTED - INIT 1 - CLASS A - SYS MWO1
23.39.29 JOB
                    IEF403I COBSAMP - STARTED - TIME=23.39.29
23.39.29 JOB
               318
                    IEC130I SYSPUNCH DD STATEMENT MISSING
                     IEC130I SYSLIB
                                      DD STATEMENT MISSING
23.39.29 JOB
               318
23.39.29 JOB
               318
                     IEC130I SYSPUNCH DD STATEMENT MISSING
23.39.29 JOB 318
                    IEFACTRT COB
                                        /IKFCBL00/00:00:00.10/00:00:00.15/00012/COBSAMP
                                                                                                                                                         11
12
13
14
15
16
17
18
19
20
23.39.29 JOB
                    IEFACTRT LKED
               318
                                        /IEWL /00:00:00.00/00:00:00.00/NOXEC/COBSAMP
23.39.29 JOB
               318
                     IEFACTRT GO
                                        /PGM=*.DD/00:00:00.00/00:00.00/NOXEC/COBSAMP
               318
                    IEF404I COBSAMP - ENDED - TIME=23.39.29
23.39.29 JOB
23.39.29 JOB
                    $HASP395 COBSAMP ENDED
               318
----- JES2 JOB STATISTICS -----
                                                                                                                                                         20
21
22
23
24
25
26
27
 24 NOV 21 JOB EXECUTION DATE
       438 CARDS READ
       596 SYSOUT PRINT RECORDS
                                                                                                                                                         32
33
34
35
36
37
38
39
40
         O SYSOUT PUNCH RECORDS
      0.00 MINUTES EXECUTION TIME
                                                                                                                                                         41
42
43
44
45
46
47
48
49
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51
52
53
54
55
```

<u></u>				
	1	//COBSAMP JOB MSGCLASS=C,MSGLEVEL=1,REGION=100K	JOB 318	14127
	2	//STEP EXEC COBUCLG, PARM. COB='MAP, LIST, LET'	00000200	1 2 F
	2 3	XXCOBUCLG PROC CPARM1='LOAD,SUPMAP', XX CPARM2='SIZE=2048K,BUF=1024K'	100010000	3
	4 <b>4</b>	XX COB EXEC PGM=IKFCBL00, REGION=4096K,	00020000 00040001	4 5
	5	XX PARM='&CPARM1,&CPARM2'	00040001	
	6 5	XXSTEPLIB DD DSN=SYSC.LINKLIB,DISP=SHR	00051001	7 8
	7 6	XXSYSPRINT DD SYSOUT=*	00060000	9
	8 7	XXSYSUT1 DD UNIT=SYSDA, SPACE=(460, (700, 100))	00070000	10
	9 8	XXSYSUT2 DD UNIT=SYSDA, SPACE=(460, (700, 100))	00080000	12
1	9	XXSYSUT3 DD UNIT=SYSDA, SPACE=(460, (700, 100))	00090000	13
	10 12	XXSYSUT4 DD UNIT=SYSDA,SPACE=(460,(700,100)) XXSYSLIN DD DSN=&LOADSET,DISP=(MOD,PASS),UNIT=SYSDA,	00100000 00110000	15
1	13	XX SPACE=(80,(500,100))	00120000	16 17
1	12	//COB.SYSIN DD *	00000300	18
1	13	XXLKED EXEC PGM=IEWL, PARM='LIST, XREF, LET', COND=(5, LT, COB), REGION=96K	00130000	19 20
1	16 14	XXSYSLIN DD DSN=&LOADSET,DISP=(OLD,DELETE)	00140000	21
	15	XX DD DDNAME=SYSIN	00150000	$\begin{vmatrix} 22\\23 \end{vmatrix}$
1	16	XXSYSLMOD DD DSN=&GODATA(RUN),DISP=(NEW,PASS),UNIT=SYSDA,	00160000	24
1	19	XX SPACE=(1024,(50,20,1))	00170000	25 26
	17	//LKED.SYSLIB DD DSNAME=SYS1.COBLIB,DISP=OLD	00043100	27
2	22 18	X/SYSLIB DD DSN=SYSC.COBLIB,DISP=SHR // DD DSNAME=SYS1.LINKLIB,DISP=OLD	00180000 00043200	28
		XXSYSUT1 DD UNIT=SYSDA,SPACE=(1024,(50,20))	00190000	30
2		XXSYSPRINT DD SYSOUT=*	00200000	31 32
2	25 21	//LKED.SYSIN DD *	00043300	33
	26 22	XXGO EXEC PGM=*.LKED.SYSLMOD,COND=((5,LT,COB),(5,LT,LKED))	00210000	34 35
2		//GO.FT10F001 DD UNIT=2250-1	00043700	36
2	28 24	//GO.SYSPRINT DD SYSOUT=A	00043800	37
	29			39
3	31			10
3	32			42
3	33			43
3	34			45
3	35			47
3	36			48
	38			50
3	39			51 52
4	40			53
4	41			54
4	12			56
4	13			57
	14			59
4	16			49 50 51 52 53 54 55 56 57 58 59 60 61 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76
	17			62
4	18			63
4	19			65
5	50			66
5	51			68
5	52			69
5	53			71
5	04			72
5	56			74
5	57			75
5	58			77 1
5	59			78
6	60			80

STMT NO. MESSAGE

```
IEF653I SUBSTITUTION JCL - PARM='LOAD,SUPMAP,SIZE=2048K,BUF=1024K'
IEF236I ALLOC. FOR COBSAMP COB STEP
IEF237I 253 ALLOCATED TO STEPLIB
IEF237I 253 ALLOCATED TO SYS03344
IEF237I JES2 ALLOCATED TO SYSPRINT
IEF237I 252 ALLOCATED TO SYSUT1
IEF237I 251 ALLOCATED TO SYSUT2
IEF237I 252 ALLOCATED TO SYSUT3
IEF237I 252 ALLOCATED TO SYSUT4
IEF237I 251 ALLOCATED TO SYSLIN
IEF237I JES2 ALLOCATED TO SYSIN
IEC130I SYSPUNCH DD STATEMENT MISSING
IEC130I SYSLIB DD STATEMENT MISSING
IEC130I SYSPUNCH DD STATEMENT MISSING
IEF142I COBSAMP COB STEP - STEP WAS EXECUTED - COND CODE 0012
IEF285I
        SYSC.LINKLIB
                                                  KEPT
IEF285I
        VOL SER NOS= SYSCPK.
                                                  KEPT
IEF285I
        UCSYSCPK
        VOL SER NOS= SYSCPK.
IEF285I
IEF285I
         JES2.JOB00318.S00103
                                                  SYSOUT
IEF285I
        SYS21328.T233929.RA000.COBSAMP.R0000001
                                                  DELETED
IEF285I
        VOL SER NOS= WORKO1.
        SYS21328.T233929.RA000.COBSAMP.R0000002
                                                  DELETED
IEF285I
        VOL SER NOS= WORKOO.
IEF285I
IEF285I
        SYS21328.T233929.RA000.COBSAMP.R0000003
                                                  DELETED
IEF285I
        VOL SER NOS= WORKO1.
IEF285I
        SYS21328.T233929.RA000.COBSAMP.R0000004
                                                 DELETED
IEF285I
        VOL SER NOS= WORKO1.
        SYS21328.T233929.RA000.COBSAMP.LOADSET
                                                  PASSED
IEF285I
        VOL SER NOS= WORKOO.
IEF285I
IEF285I
        JES2.JOB00318.SI0101
                                                  SYSIN
IEF373I STEP /COB
                   / START 21328.2339
IEF374I STEP /COB
                   / STOP 21328.2339 CPU
                                           OMIN 00.08SEC SRB
                                                              OMIN 00.02SEC VIRT
                                                                                            224K
                                                                                 108K SYS
**** JOB NAME: COBSAMP JOBCARD READ 2021/328 23:39:29 370/148 VS2 RO3.8 MWO1 **********************************
  STEP NUMBER:
                      1 USER CORE:
                                         108K START TIME:
                                                            23:39:29
                                                                       CPU TIME:
                                                                                   00:00:00.10
                                                                                               ACTIVE TIME: 00:00:00.12 *
  STEP NAME:
                         SYSTEM CORE:
                                         224K STOP TIME:
                                                            23:39:29
                                                                       SRB TIME:
                                                                                   00:00:00.02
                                                                                               ALLOC TIME:
                COB
                                                                                                            23:39:29
  PROGRAM NAME: IKFCBLOO REGION SIZE:
                                         100K
                                              ELAPSED TIME: 00:00:00.15 TCB TIME:
                                                                                   00:00:00.08
                                                                                               PROGRAM LOAD: 23:39:29
  CONDITION CODE:
                  00012 PERFORMANCE GROUP: 004
                                                                PAGES IN/OUT # SWAPS PAGES SWAP IN/OUT VIO PAGES IN/OUT *
                         JES2 CARDS:
                                           42
                                                   SERVICE UNITS
                                                          1,121
                                                                    0 / 0
                                                                                   0
                                                                                              0 /
                                                                                                    0
                                                                                                              0 /
   ADDR/UNIT I/O COUNT ADDR/UNIT I/O COUNT
                   0 253/D3350
                                       0 252/D3350
                                                         73 251/D3350
                                                                            66 252/D3350
   253/D3350
   251/D3350
                   0
IEF202I COBSAMP LKED STEP - STEP WAS NOT RUN BECAUSE OF CONDITION CODES
IEF272I COBSAMP LKED STEP - STEP WAS NOT EXECUTED.
IEF373I STEP /LKED
                  / START 21328.2339
IEF374I STEP /LKED
                  / STOP 21328.2339 CPU
                                                              OMIN 00.00SEC VIRT
                                           OMIN 00.00SEC SRB
                                                                                   OK SYS
STEP NUMBER:
                      2 USER CORE:
                                           OK START TIME:
                                                            23:39:29
                                                                       CPU TIME:
                                                                                   00:00:00.00 ACTIVE TIME: 00:00:00.00 *
                LKED
                         SYSTEM CORE:
                                           OK STOP TIME:
                                                            23:39:29
                                                                       SRB TIME:
                                                                                   00:00:00.00
  STEP NAME:
                                                                                              ALLOC TIME:
  PROGRAM NAME: IEWL
                         REGION SIZE:
                                           OK ELAPSED TIME: 00:00:00.00
                                                                      TCB TIME:
                                                                                   00:00:00.00
                                                                                               PROGRAM LOAD: 00:00:00
  -STEP NOT EXECUTED-
                                                                                                                             76
77 1
                         JES2 CARDS:
                                                   SERVICE UNITS
                                                                PAGES IN/OUT # SWAPS
                                                                                     PAGES SWAP IN/OUT
                                                                                                      VIO PAGES IN/OUT *
                                                              0
                                                                     0 /
                                                                          0
                                                                                   0
                                                                                              0 /
                                                                                                               0 /
```

)	CB545	V2 LVL	78 OlMAY72 IBM OS AMERICAN NATIONAL STANDA	RD COBOL DATE NOV 24,202	21
1 2					1 2 3
3	1				4 5
5					6 7
6	00001		IDENTIFICATION DIVISION.	00000400	8
7	00002	002		00000500	10
8	00003 00004	003	ENVIRONMENT DIVISION. CONFIGURATION SECTION.	00000600 00000700	11
10	00004		SOURCE-COMPUTER. IBM-360 F50.	0000000	12
) 11	00005		OBJECT-COMPUTER. IBM-360 F50.	00000900	14
12	00007		DATA DIVISION.	00001000	15
13	00008			00001100	17
) 14	00009	008	WORKING-STORAGE SECTION.	00001200	18
15	00010	009	77 IGSP PICTURE S9(5) COMPUTATIONAL.	00001300	20
16	00011	010	77 NULL PICTURE S9(5) COMPUTATIONAL VALUE -5.	00001400	21
17	00012	011	77 UNUM PICTURE S9(5) COMPUTATIONAL VALUE 10.	00001500	23
18	00013	012	77 I2250 PICTURE S9(5) COMPUTATIONAL.	00001600	24
20	00014 00015	013 014	77 IGDS1 PICTURE S9(5) COMPUTATIONAL. 77 IGDS2 PICTURE S9(5) COMPUTATIONAL.	00001700 00001800	25 26
21	00015	014	77 IGDS2 PICTORE S9(5) COMPUTATIONAL. 77 IGDS3 PICTURE S9(5) COMPUTATIONAL.	00001800	27
22	00017	016	77 DMODE PICTURE S9(5) COMPUTATIONAL VALUE 3.	00001900	21 22 23 24 25 26 27 28 29 30 31 32 32 33 34 34 35 36
23	00018	017	77 IATL PICTURE S9(5) COMPUTATIONAL.	00002100	30
24	00019	018	77 ATTN1 PICTURE S9(5) COMPUTATIONAL VALUE 1.	00002200	31 32
25	00020	019	77 ATTN2 PICTURE S9(5) COMPUTATIONAL VALUE -3.	00002300	33
26	00021	020	77 ATTN3 PICTURE S9(5) COMPUTATIONAL VALUE 34.	00002400	34 35
27	00022	021	77 LSTAT PICTURE S9(5) COMPUTATIONAL VALUE 3.	00002500	
28	00023	022	77 DETECT PICTURE S9(5) COMPUTATIONAL VALUE 1.	00002600	37 38 39 40
29	00024	023	77 CHMODE PICTURE S9(5) COMPUTATIONAL VALUE 2.	00002700	39
30	00025	024	77 X PICTURE A VALUE 'X'.	00002800	40
32	00026 00027	025 026	77 COUNT PICTURE S9(5) COMPUTATIONAL VALUE 1. 77 CORVAL PICTURE S9(5) COMPUTATIONAL VALUE -1.	00002900 00003000	42
33	00021	020	77 QUAY PICTURE S9(5) COMPUTATIONAL VALUE 1.	00003000	43
34	00029	028	77 GENCDE PICTURE S9(5) COMPUTATIONAL VALUE 1.	00003200	45
35	00030	029	77 CX PICTURE S9(5) COMPUTATIONAL VALUE 2047.	00003300	46
36	00031	030	77 CY PICTURE S9(5) COMPUTATIONAL VALUE 2047.	00003400	47
37	00032	031	77 NUM2 PICTURE XXXX VALUE 'NUM2'.	00003500	49
38	00033	032	77 NUM1 PICTURE XXXX VALUE 'NUM1'.	00003600	50 51
39	00034	033	77 NUM8 PICTURE XXXX VALUE 'NUM8'.	00003700	52
40	00035	034	77 NUM7 PICTURE XXXX VALUE 'NUM7'.	00003800	53 54
41	00036 00037	035 036	77 NUM6 PICTURE XXXX VALUE 'NUM6'. 77 NUM5 PICTURE XXXX VALUE 'NUM5'.	00003900 00004000	55
43	00037	036	77 NUM4 PICTURE XXXX VALUE 'NUM4'.	00004000	49 50 51 52 53 54 55 56 57 58 59 60
44	00038	037	77 NUMA PICTURE XXXX VALUE 'NUMA'. 77 NUMA PICTURE XXXX VALUE 'NUMA'.	00004100	58
45	00040	039	77 NUM PICTURE S9(5) COMPUTATIONAL.	00004300	59
46	00041	040	77 CXNUM PICTURE S9(5) COMPUTATIONAL.	00004400	61
47	00042	041	77 SUB1 PICTURE S9(5) COMPUTATIONAL.	00004500	62
48	00043	042	77 SUB2 PICTURE S9(5) COMPUTATIONAL.	00004600	64
49	00044	043	77 DISP PICTURE S9(5) COMPUTATIONAL VALUE 200.	00004700	61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76
50	00045	044	77 CIRYDISP PICTURE S9(5) COMPUTATIONAL.	00004800	67
51	00046	045	77 ONE PICTURE \$9(5) COMPUTATIONAL VALUE 1.	00004900	68
52	00047 00048	046 047	77 XINDEX PICTURE \$9(5) COMPUTATIONAL VALUE 1.	00005000 00005100	70
54	00048	047 048	77 YINDEX PICTURE S9(5) COMPUTATIONAL VALUE 1. 77 INTCD PICTURE S9(5) COMPUTATIONAL.	00005100	71
55	00050	049	77 INTED PICTORE \$9(5) COMPUTATIONAL.  77 WAIT PICTURE \$9(5) COMPUTATIONAL VALUE 2.	00005200	73
56	00051	050	77 ATTNS1 PICTURE S9(5) COMPUTATIONAL VALUE 1.	00005400	74
57	00052	051	77 ATTNS2 PICTURE S9(5) COMPUTATIONAL VALUE 2.	00005500	75 76 4
58	00053	052	77 ATTNS3 PICTURE S9(5) COMPUTATIONAL VALUE 3.	00005600	76 77 78 79 80
59	00054	053	77 ATTNS4 PICTURE S9(5) COMPUTATIONAL VALUE 34.	00005700	78
60					80

	<b>▼</b> 2				, , , , , , , , , , , , , , , , , , ,
1					1 2 2 HE
$\bigcirc$ $\begin{vmatrix} 2 \\ 3 \end{vmatrix}$	00055	054	77 INTARYX PICTURE S9(5) COMPUTATIONAL.	00005800	3
4	00056	055	01 CIRX-CIRY-TABLE.	00005900	5
5	00057	056	02 CIRX OCCURS 8 PICTURE S9(5) COMPUTATIONAL.	00006000	6
6	00058	057	02 CIRY OCCURS 8 PICTURE S9(5) COMPUTATIONAL.	00006100	7 8
7	00059	058	01 LABEL-TABLE.	00006200	9
8	00060	059	02 LABLE OCCURS 8 PICTURE XXXX.	00006300	10
9	00061	060	O1 DISPLACEMENTS-TABLE.	00006400	12
10	00062	061	02 XDISP OCCURS 24 PICTURE S9(5) COMPUTATIONAL.	00006500	13
11	00063	062	02 YDISP OCCURS 24 PICTURE S9(5) COMPUTATIONAL.	00006600	15
12	00064	063 064	01 SMALLCIRCLES-TABLE. 02 XCENTERS OCCURS 8.	00006700 00006800	16 17
14	00065	065	03 SMALX OCCURS 24 PICTURE S9(5) COMPUTATIONAL.	00006900	18
15	00067	066	02 YCENTERS OCCURS 8.	00007000	19
16	00068	067	03 SMALY OCCURS 24 PICTURE S9(5) COMPUTATIONAL.	00007100	21
17	00069	068	Ol ATTENTION-TABLE.	00007200	22
18	00070	069	02 INTARY OCCURS 10 PICTURE S9(5) COMPUTATIONAL.	00007300	24
19	00071		DROCEDURE DEVICEOU	00007400	25
20	00072	075	PROCEDURE DIVISION.	00007500	27
21	00073		NOTE * * * * * * * * * * * * * * * * * * *	00007600 00007700	28
22	00074		WITH A LARGE SIZE X AS ITS CENTER - DEPENDING ON THE	00007700	30
24	00075		ATTENTION CREATED, THE PROGRAM WILL DO THE FOLLOWING -	00007900	31
25	00077		ATTENTION CREATED, THE PROGRAM WILL DO THE POLLOWING	00008000	33
26	00078		1) LIGHT PEN ATTENTION ON CENTER X LABELS OUTER X'S FROM	00008100	34
27	00079		NUM1 THROUGH NUM8 (PARAGRAPH 221)	00008200	36
28	00080			00008300	37
29	00081		2) LIGHT PEN ATTENTION ON OUTER X GENERATES A CIRCLE	00008400	39
30	00082		WHOSE CENTER IS THE DETECTED X (PARAGRAPH 222)	00008500	40
31	00083 00084		3) LIGHT PEN ATTENTION ON CIRCLE AROUND OUTER X MAKES	00008600 00008700	42
33	00085		THAT CIRCLE INVISIBLE (PARAGRAPH 230)	00008800	43
34	00086		THAT OTROLL INVIOLED (FARAORATH 250)	00008900	45
35	00087		4) LIGHT PEN ATTENTION ON ANY LABEL MAKES ALL LABELS	00009000	46
36	00088		INVISIBLE (PARAGRAPH 225)	00009100	48
37	00089		_,	00009200	49
38	00090		5) PROGRAMMED FUNCTION KEY 1 ENDS RUN (PARAGRAPH 240)	00009300	51
39	00091		6) PROGRAMMED FUNCTION KEY 2 MAKES ALL CIRCLES INVISIBLE	00009400 00009500	52
40	00092		(PARAGRAPH 250)	00009500	54
42	00094		(I ANAONAI II E20)	0000700	55
43	00095		7) PROGRAMMED FUNCTION KEY 3 MAKES ALL CIRCLES VISIBLE	00009800	57
44	00096		(PARAGRAPH 260)	00009900	58 59
45	00097		* * * * * * * * * * * * * * * * * * * *	.00010000	60
46	00098		NOTE do	00010100	61 62
47	00099 00100			00010200 00010300	63
49	00100		INITIALIZE THE GRAPHIC SUBROUTINE PACKAGE  * * * * * * * * * * * * * * * * * * *	.00010300	65
50	00102	076	ENTER LINKAGE.	00010500	66
51	00103	077	CALL 'INGSP' USING IGSP, NULL.	00010600	68
52	00104	078	ENTER COBOL.	00010700	69
53	00105			00010800	70 71
54	00106		INITIALIZE THE 2250 - ASSIGN IT UNIT NUMBER 10	00010900	72
55	00107	070		.00011000	73 74
56	00108	079	ENTER LINKAGE.	00011100 00011200	75
5/	00109	080 081	CALL 'INDEV' USING IGSP, UNUM, I2250. ENTER COBOL.	00011200	$\frac{76}{77}$ <b>1</b>
59	00110	001	NOTE * * * * * * * * * * * * * * * * * * *		78
60	00111				79

	741
O0113	1 2 ZTHE
O0113	3
O0115	5
O0116	6
00117	8
O0118	9
0	11
00120	12
00121	14
00122	15
00123	17
00125	18
O0126	20
O0127	21 22
00128	23
00129	24 25
00130	26
00132	28
Coli33	29
00134	31
00135	32
00136	34
00137	35
00139	37
00140	38
00141	40
00142	41 42
00143	43
O0144	45
00146	46
00147   100	48
00148   101   CALL 'CRATL' USING I2250, IATL.   00015100   00149   102   ENTER COBOL.   00015200   001500   001500   001500   001500   001500   001510   ENABLE PROGRAMMED FUNCTION KEYS 1, 2, AND 3 AND THE   00015400   001540   00152   LIGHT PEN   00015500   00154   00153   * * * * * * * * * * * * * * * * * *	49  50
10	51
41	53
12	54
44	56
45	57
46 00155 104 CALL 'ENATN' USING IATL, ATTN1, ATTN2, ATTN3. 00015800 47 00156 105 ENTER COBOL. 00015900 48 00157 106 ENTER LINKAGE. 00016000 49 00158 107 CALL 'MLITS' USING I2250, LSTAT. 00016100 50 00159 108 ENTER COBOL. 00016200 51 00160 NOTE * * * * * * * * * * * * * * * * * * *	59
47 00156 105 ENTER COBOL. 00015900 48 00157 106 ENTER LINKAGE. 00016000 49 00158 107 CALL 'MLITS' USING I2250, LSTAT. 00016100 50 00159 108 ENTER COBOL. 00016200 51 00160 NOTE * * * * * * * * * * * * * * * * * * *	60
48 00157 106 ENTER LINKAGE. 00016000 49 00158 107 CALL 'MLITS' USING I2250, LSTAT. 00016100 50 00159 108 ENTER COBOL. 00016200 51 00160 NOTE * * * * * * * * * * * * * * * * * * *	62
00016200 00160 NOTE * * * * * * * * * * * * * * * * * * *	64
51	65
00161 ALLOW LIGHT PEN ATTENTIONS FOR EACH GRAPHIC DATA SET 00016400 00162 * * * * * * * * * * * * * * * * * * *	67
00162 * * * * * * * * * * * * * * * * * * *	68
54 00163 109 ENTER LINKAGE. 00016600	70
	71 72
OUTO TIO CALL SERAL OSINO TODSI, DELECT.	73
○ 56 00165 111 ENTER COBOL. 00016800	74 75
57 00166 112 ENTER LINKAGE. 00016900	76 ¶
58 00167 113 CALL 'SLPAT' USING IGDS2, DETECT. 00017000	77 <b>4</b> 78
59 00168 114 ENTER COBOL. 00017100	79

, , , , , , , , , , , , , , , , , , ,	4			1412THE
				2
	00169	115	ENTER LINKAGE. 00017200	3
4	00170	116		5
5	00171	117		6
6	00172		NOTE * * * * * * * * * * * * * * * * * * *	/
7	00173		SET CHARACTER MODE FOR LARGE SIZE, PROTECTED 00017600	9
8	00174		* * * * * * * * * * * * * * * * * * *	10
9	00175	118		12
10	00176	119	,	13
1	00177	120		14 15 16
12	00178		NOTE * * * * * * * * * * * * * * * * * * *	
113	00179		DISPLAY CENTER X  00018200	17
	00180 00181	101	* * * * * * * * * * * * * * * * * * *	19
11	00181	121 122		20
11	00182	123		22
118	00184	124		23
19	00185		NOTE * * * * * * * * * * * * * * * * * * *	25
20	00186		PLACE X AND Y COORDINATES FOR X'S OF OUTER CIRCLE 00018900	18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40
2.	00187		IN THE CIRX AND CIRY TABLES 00019000	28
22	00188		* * * * * * * * * * * * * * * * * * * *	29
23	00189	125		30 31
24	4 00190	126		32
25	00191	127		33 34
2	00192 00193	128 129		35
28	00193	130		36
29	00195	131		38
30	00196	132		39
3.	00197		NOTE * * * * * * * * * * * * * * * * * * *	41 42 43 44
32	00198		PLACE LABELS FOR X'S OF OUTER CIRCLE IN TABLE 00020100	42 43
33	00199		* * * * * * * * * * * * * * * * * * * *	
34	00200	133		45 46 47
3:	00201 00202	134 135		47
3.	00202	136		48 49
38	00204	137		50
39	00205	138		51 52
40	00206	139		53
4	00207	140		54 55
42	00208		NOTE * * * * * * * * * * * * * * * * * * *	56
43	00209		SET CHARACTER MODE FOR BASIC SIZE, PROTECTED X 00021200	57
<b>1</b> 44	00210	1/1	* * * * * * * * * * * * * * * * * * *	59
4	00211 00212	141 142		60
4	00212	142		62
48	00213	144		63
49	00215		NOTE * * * * * * * * * * * * * * * * * * *	65
50	00216		GENERATE AN X IN INCLUDE STATUS - CALCULATE X-COORDINATE00021900	66 67
5	00217		OF LABEL ASSOCIATED WITH THAT X - GENERATE LABEL IN 00022000	68
52	00218		INCLUDE STATUS - DO THIS 8 TIMES TO COMPLETE CIRCLE 00022100	69
5:	00219	3 / 5	* * * * * * * * * * * * * * * * * * *	71
54	00220	145		72
55	00221	145]	1 GO TO NEXT11. 00022400 X-CIRCLE. 00022500	73
5	00222 00223	146 147		49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78
55	00223	148		77 1
55	00225	149		78 79
60	0			80

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1	5			1	412T
2					_ <u>#</u>
3	00226	150	CALL 'PTEXT' USING IGDS1, X, COUNT, CORVAL, QUAY, GENCDE,	00022900 4	
4	00227	151	CIRX (NUM), CIRY (NUM).	00023000	
5	00228	152	ENTER COBOL.	00023100	
6	00229 00230	153 154	COMPUTE COUNT = 4.  COMPUTE CXNUM = CIRX (NUM) + 300.	00023200 00023300	
8	00231	155	ENTER LINKAGE.	00023300	
9	00232	156	CALL 'PTEXT' USING IGDS2, LABLE (NUM), COUNT, CORVAL, QUAY,	00023500	
10	00233	157	GENCDE, CXNUM, CIRY (NUM).	00023600	
) 11	00234	158	ENTER COBOL.	00023700	
13	00235 00236	159 NE	EXT1. NOTE * * * * * * * * * * * * * * * * * * *	00023800 16 00023900 17	
14	00237		PLACE X AND Y DISPLACEMENTS FOR CIRCLE WITH R = 200	00025700	
15	00238		IN XDISP AND YDISP TABLES	00024100	
16	00239			.00024200 00024300 00024400	
17	00240	1591 NE		00024300	
19	00241 00242	161 162	COMPUTE XDISP (1) = 52. COMPUTE YDISP (1) = 193. COMPUTE XDISP (2) = 100. COMPUTE YDISP (2) = 173.	00024400 24 00024500 25	
20	00243	163	COMPUTE XDISP $(2)$ = 100. COMPUTE YDISP $(2)$ = 173.	00024500 00024600 00024700	
21	00244	164	COMPUTE XDISP $(4) = 173$ . COMPUTE YDISP $(4) = 100$ .	00024700	
22	00245	165	COMPUTE XDISP $(5) = 193$ . COMPUTE YDISP $(5) = 52$ .	00024800 00024900 00025000	
23	00246	166	COMPUTE XDISP $(6) = 200$ . COMPUTE YDISP $(6) = 0$ .	00024900	
25	00247 00248	167 168	COMPUTE XDISP $(7) = 193$ . COMPUTE YDISP $(7) = -52$ . COMPUTE XDISP $(8) = -100$ .	00025000 00025100	
26	00249	169	COMPUTE XDISP (9) = 141. COMPUTE YDISP (9) = $-141$ .	00025100 00025200 00025300	
27	00250	170	COMPUTE XDISP (10) = 100. COMPUTE YDISP (10) = $-173$ .	00025300	
28	00251	171	COMPUTE XDISP (11) = 52. COMPUTE YDISP (11) = $-193$ .	00025400	
29	00252	172	COMPUTE XDISP (12) = 0. COMPUTE YDISP (12) = $-200$ . COMPUTE XDISP (13) = $-52$ . COMPUTE YDISP (13) = $-193$ .	00025400 00025500 00025600	
31	00253 00254	173 174	COMPUTE XDISP $(13) = -52$ . COMPUTE YDISP $(13) = -193$ . COMPUTE XDISP $(14) = -100$ . COMPUTE YDISP $(14) = -173$ .	00025600 00025700	
32	00255	175	COMPUTE XDISP (15) = $-141$ . COMPUTE YDISP (15) = $-141$ .	00025800	
33	00256	176	COMPUTE XDISP (16) = $-173$ . COMPUTE YDISP (16) = $-100$ .	00025900	
34	00257	177	COMPUTE XDISP $(17) = -193$ . COMPUTE YDISP $(17) = -52$ .	00026000	
) 35	00258 00259	178 179	COMPUTE XDISP $(18) = -200$ . COMPUTE YDISP $(18) = 0$ .	00026100	
37	00260	180	COMPUTE XDISP $(19) = -193$ . COMPUTE YDISP $(19) = 52$ . COMPUTE XDISP $(20) = -173$ . COMPUTE YDISP $(20) = 100$ .	00026200 00026300	
38	00261	181	COMPUTE XDISP $(21) = -141$ . COMPUTE YDISP $(21) = 141$ .	00026400	
39	00262	182	COMPUTE XDISP (22) = $-100$ . COMPUTE YDISP (22) = $173$ .	00026500 52	
40	00263	183	COMPUTE XDISP $(23) = -52$ . COMPUTE YDISP $(23) = 193$ .	00026600	
41	00264 00265	1831	COMPUTE XDISP (24) = 0.	00026700 00026800	
43	00266		COMPUTE COORDINATES FOR CIRCLES AROUND OUTER X'S	00026400 00026500 50 00026600 50 00026700 50 00026800 50 00026900 57 00027000 58 00027100 800027200 60 00027300 60 00027500 00027600 00027700 68	
44	00267		AND PLACE THEM IN SMALX AND SMALY TABLES	00027000 58 59	
45	00268			.00027100	
46	00269	184	PERFORM SMALX-CIRCLES VARYING SUB1 FROM 1 BY 1 UNTIL SUB1 >	800027200 	
47	00270 00271	185 1851	AFTER SUB2 FROM 1 BY 1 UNTIL SUB2 > 24. GO TO NEXT2.	00027300 00027400	
49	00272		MALX-CIRCLES.	00027500	
50	00273	187	COMPUTE SMALX (SUB1, SUB2) = CIRX (SUB1) + XDISP (SUB2).	00027600	
51	00274		EXT2.	00027700	
52	00275	189		800027800	
54	00276 00277	190 1901	AFTER SUB2 FROM 1 BY 1 UNTIL SUB2 > 24. GO TO NEXT31.	800027800 00027900 00028000 00028100 00028200 00028300 69 70 71 72 73 74 75 76	
55	00278		MALY-CIRCLES.	00028100	
56	00279	192	COMPUTE SMALY (SUB1, SUB2) = CIRY (SUB1) + YDISP (SUB2).	00028200	
57	00280	193 NE	EXT3.		1
58	00281			00028400	<u></u>
60	00282		GENERATE CIRCLES AROUND OUTER X'S IN OMIT STATUS	00028500	
50				80	

	▼ 6		141
1	Ü		1 2 2 1 2
3	00283	* * * * * * * * * * * * * * * * * * * *	3 4
4	00284	1931 NEXT31. 00028700	5
5	00285	194 COMPUTE GENCDE = 2. 00028800	$\begin{vmatrix} 6 \\ 7 \end{vmatrix}$
6	00286	195 COMPUTE COUNT = 24. 00028900	_ 8
7	00287	196 PERFORM SMALL-CIRCLES VARYING NUM FROM 1 BY 1 UNTIL NUM > 8. 00029000	9
0 8	00288	1961 GO TO NEXT41. 00029100	11
10	00289	197 SMALL-CIRCLES. 00029200 198 COMPUTE CORVAL = NUM. 00029300	12
11	00290	1981 COMPUTE CIRYDISP = CIRY (NUM) + DISP. 00029400	14
12	00292	199 ENTER LINKAGE. 00029500	15
13	00293	200 CALL 'STPOS' USING IGDS3, CIRX (NUM), CIRYDISP. 00029600	17
14	00294	201 ENTER COBOL. 00029700	18
15	00295	202 ENTER LINKAGE. 00029800	20
16	00296	CALL 'PLINE' USING IGDS3, SMALX (NUM, ONE), SMALY (NUM, ONE),00029900	21
17	00297 00298	204 CORVAL, QUAY, GENCDE, COUNT, XINDEX, YINDEX. 00030000 205 ENTER COBOL. 00030100	23
19	00298	206 NEXT4. 00030100	$-\frac{24}{25}$
20	00300	NOTE * * * * * * * * * * * * * * * * * * *	26
21	00301	OMIT LABELS FROM THE DISPLAY 00030400	27 28
22	00302	* * * * * * * * * * * * * * * * * * * *	29
23	00303	2061 NEXT41. 00030600	30 31
24	00304	207 ENTER LINKAGE. 00030700	32
25	00305	208 CALL 'OMIT' USING IGDS2. 00030800	33 34
26	00306 00307	209 ENTER COBOL. NOTE * * * * * * * * * * * * * * * * * * *	35
28	00307	NOTE * * * * * * * * * * * * * * * * * * *	36 37
29	00309	* * * * * * * * * * * * * * * * * * *	38
30	00310	210 ENTER LINKAGE. 00031300	40
31	00311	211 CALL 'EXEC' USING IGDS1. 00031400	41
32		212 ENTER COBOL. 00031500	42 43
33	00313	213 ENTER LINKAGE. 00031600	44
34	00314	214 CALL 'EXEC' USING IGDS2. 00031700 215 ENTER COBOL. 00031800	45 46
35	00315 00316	215 ENTER COBOL. 00031800 216 ENTER LINKAGE. 00031900	47
37	00317	217 CALL 'EXEC' USING IGDS3. 00032000	49
38	00318	218 ENTER COBOL. 00032100	50
39	00319	NOTE * * * * * * * * * * * * * * * * * * *	52
40	00320	REQUEST ATTENTION INFORMATION TO DETERMINE WHETHER 00032300	53
41	00321	2250 OPERATOR WANTS TO CHANGE OR END DISPLAY - 00032400	55
42	00322	WAIT FOR AN ATTENTION TO OCCUR 00032500 * * * * * * * * * * * * * * * * * * *	-56 57
43	00323 00324	* * * * * * * * * * * * * * * * * * *	58
45	00324	220 ENTER LINKAGE. 00032700	59
46	00326	221 CALL 'RQATN' USING IATL, INTCD, WAIT, INTARY (ONE), 00032900	61
47	00327	ATTNS1, ATTNS2, ATTNS3, ATTNS4. 00033000	62
48	00328	223 ENTER COBOL. 00033100	64
49	00329	NOTE * * * * * * * * * * * * * * * * * * *	65
50	00330	IF LIGHT PEN ATTENTION, GO TO 210 - 00033300	67
51	00331	IF PROGRAMMED FUNCTION KEY ATTENTION, GO TO 235 00033400 * * * * * * * * * * * * * * * * * * *	68 69
53	00332	224 IF INTCD < 34 GO TO 235. 00033600	70
54	00333	NOTE * * * * * * * * * * * * * * * * * * *	71 72
55	00335	IF LIGHT PEN ATTENTION WAS ASSOCIATED WITH IGDS1, 00033800	73
56	00336	GO TO 220 - IF IGDS2, GO TO 225 - IF IGDS3, GO TO 230 00033900	74 75
57	00337	* * * * * * * * * * * * * * * * * * * *	76 <b>1</b>
58	00338	225 210. 00034100	77 <b>1</b>
59	00339	COMPUTE INTARYX = INTARY (1). 00034200	79
60	1		[80]

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	7			1412
1 2				1 2
3	00340	227	IF INTARYX = IGDS1 GO TO 220. 00034300	3 4
4	00341	228	201. 00034400	5
5	00342	229	IF INTARYX = IGDS2 GO TO 225. 00034500	7
6	00343 00344	230	202. 00034600 IF INTARYX = IGDS3 GO TO 230 OTHERWISE GO TO 200. 00034700	8 9
8	00345	231	NOTE * * * * * * * * * * * * * * * * * * *	10
9	00346		IF LIGHT PEN ATTENTION WAS ON CENTER OF LARGE CIRCLE, 00034900	12
10	00347		GO TO 221 - IF ON OUTER CIRCLE, GO TO 222 00035000	13
11	00348 00349	232	* * * * * * * * * * * * * * * * * * *	15
13	00350	233	COMPUTE INTARYX = INTARY (4). 00035300	17
14	00351	234	IF INTARYX < 0 GO TO 221 OTHERWISE GO TO 222. 00035400	18
15	00352		NOTE * * * * * * * * * * * * * * * * * * *	20
16	00353 00354		DISPLAY LABELS AND WAIT FOR ANOTHER ATTENTION 00035600 * * * * * * * * * * * * * * * * * * *	22
18	00355	235		23
19	00356	236	ENTER LINKAGE. 00035900	25
20	00357	237	CALL 'INCL' USING IGDS2. 00036000	26 27
21	00358 00359	238 239	ENTER COBOL. 00036100 GO TO 200. 00036200	28
23	00359	237	NOTE * * * * * * * * * * * * * * * * * * *	30
24	00361		DISPLAY A CIRCLE AROUND THE OUTER X DETECTED AND WAIT 00036400	32
25	00362		FOR ANOTHER ATTENTION 00036500	33
26	00363 00364	240	* * * * * * * * * * * * * * * * * * *	35
28	00365	241	ENTER LINKAGE. 00036800	36
29	00366	242	CALL 'INCL' USING IGDS3, INTARYX. 00036900	38
30	00367	243	ENTER COBOL. 00037000	40
31	00368 00369	244	GO TO 200. NOTE * * * * * * * * * * * * * * * * * * *	41 42
33	00370		REMOVE LABELS FROM DISPLAY - AWAIT NEW ATTENTION 00037300	43
34	00371		* * * * * * * * * * * * * * * * * * * *	45
35	00372		225.	46 47
36	00373 00374	246 247	ENTER LINKAGE. 00037600 CALL 'OMIT' USING IGDS2. 00037700	48
38	00375	241 248	CALL 'OMIT' USING IGDS2. 00037700 ENTER COBOL. 00037800	50
39	00376	249	GO TO 200. 00037900	51 52
40	00377		NOTE * * * * * * * * * * * * * * * * * * *	53
41	00378		REMOVE DETECTED CIRCLE FROM DISPLAY 00038100 * * * * * * * * * * * * * * * * * * *	55
43	00379 00380	250	* * * * * * * * * * * * * * * * * * *	53 54 55 56 57 58 59
44	00381	251	COMPUTE INTARYX = INTARY (4). 00038400	58
45	00382	252	ENTER LINKAGE. 00038500	60
46	00383 00384	253 254	CALL 'OMIT' USING IGDS3, INTARYX. 00038600 ENTER COBOL. 00038700	61 62 63
48	00385	25 <del>4</del> 255	GD TD 200. 00038700	63
49	00386		NOTE * * * * * * * * * * * * * * * * * * *	65 66
50	00387		IF PROGRAMMED FUNCTION KEY 1 DEPRESSED, GO TO 240 - 00039000	66 67
51	00388		IF KEY 2, GO TO 250 - IF KEY 3, GO TO 260 00039100	68
53	00389 00390	256	* * * * * * * * * * * * * * * * * * *	70
54	00370	257	IF INTCD = 1 GO TO 240. 00037300	71   72
55	00392	258	235A <b>.</b> 00039500	73 74
56	00393	259	IF INTCD = 2 GO TO 250. 00039600	75
58	00394 00395	260 261	235B. 00039700 IF INTCD = 3 GO TO 260. 00039800	76 1
59	00396	201	NOTE * * * * * * * * * * * * * * * * * * *	78 79
60				80

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-	1			1 2TH
	2			2 3 m
- (	3	00397	TERMINATE THE PROGRAM RUN 00040000	4
	4	00398	* * * * * * * * * * * * * * * * * * * *	5
	5	00399	262 240. 00040200	7
(	6	00400	263 ENTER LINKAGE. 00040300	8
	7	00401	264 CALL 'TMGSP' USING IGSP. 00040400 265 ENTER COBOL. 00040500	10
	8	00402 00403	265 ENTER COBOL. 00040500 266 STOP RUN. 00040600	11
1	9	00403	NOTE * * * * * * * * * * * * * * * * * * *	12 13
1	11	00405	REMOVE ALL CIRCLES AROUND OUTER X'S - AWAIT ATTENTION 00040800	14 15
1	12	00406	* * * * * * * * * * * * * * * * * * *	15
1	13	00407	267 250. 00041000	17
1	14	00408	PERFORM 251 VARYING NUM FROM 1 BY 1 UNTIL NUM > 8. 00041100	18 19
1	15	00409	2681 GO TO 251A. 00041200	20
1	16	00410	269 251 <b>.</b> 00041300	21 22 23 24 25 26 27 28
0 1	17	00411	270 ENTER LINKAGE. 00041400	23
1	18	00412	271 CALL 'OMIT' USING IGDS3, NUM. 00041500	24
1	19	00413	272 ENTER COBOL. 00041600	25 26
	20	00414	273 251A. 00041700	27
2	21	00415 00416	274 GO TO 200. NOTE * * * * * * * * * * * * * * * * * * *	20
2	23	00410	DISPLAY ALL CIRCLES AROUND OUTER X'S - AWAIT ATTENTION 00042000	30
2	24	00418	* * * * * * * * * * * * * * * * * * *	31
2	25	00419	275 260. 00042200	30 31 32 33 34 35 36
2	26	00420	276 PERFORM 261 VARYING NUM FROM 1 BY 1 UNTIL NUM > 8. 00042300	34
2	27	00421	2761 GO TO 261A. 00042400	36
2	28	00422	277 261 <b>.</b> 00042500	37
2	29	00423	278 ENTER LINKAGE. 00042600	38 39
3	30	00424	279 CALL 'INCL' USING IGDS3, NUM. 00042700	40
3	31	00425	280 ENTER COBOL. 00042800	41
( ) 3	32	00426	281 261A. 00042900	42 43
3	33	00427	282 GO TO 200. 00043000	44
3	35			46
3	36			47
3	37			49
3	38			50
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4	10			53
4	11			55
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9 PROCEDURE DIVISION STATEMENTS = \*STATISTICS\* SOURCE RECORDS = 427 DATA DIVISION STATEMENTS = 60 224 \*OPTIONS IN EFFECT\* SIZE = 81920 BUF = 2768 LINECNT = 57 SPACE1, FLAGW, SEQ, SOURCE NODMAP, NOPMAP, NOCLIST, SUPMAP, NOXREF, NOLOAD, NODECK, APOST, NOTRUNC, NOLIB, NOVERB \*OPTIONS IN EFFECT\* \*OPTIONS IN EFFECT\* ZWB SUPMAP SPECIFIED AND E LEVEL DIAGNOSTIC HAS OCCURRED. PMAP CLIST LOAD AND DECK WILL BE IGNORED. IKF6006I-E 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 66 66 67

	CCCCCCCCC 0000000000 BBBBBBBBBB SSSSSSSS AAAAAAAA MM MM PPPPPPPPPP CCCCCCCCCCC 0000000000	14121
2 3	CC CC OO OO BB BB SS SS AA AA MMMM MMMM PP PP CC OO OO BB BB SS AA AA MM MM MM MP PP	2 3 4
5	CC OO OO BB BB SSS AA AA MM MMMM MM PP PP CC OO OO BBBBBBBBBB SSSSSSSS AAAAAAAAAA MM MM PPPPPPPPPPP CC OO OO BBBBBBBBBB SSSSSSSS AAAAAAAAA MM MM PPPPPPPPPP	5 7 9
7 8	CC OO OO BB BB SSS AA AA MM MM PP CC OO OO BB BB SS AA AA MM MM PP	9
9 10	CC CC OO OO BB BB SS SS AA AA MM MM PP  CCCCCCCCCC OOOOOOOOOO BBBBBBBBBB SSSSSSSSS AA AA MM MM PP  CCCCCCCCC OOOOOOOOOO BBBBBBBBBB SSSSSSSS AA AA MM MM PP	12 13 14
12		16 17 18
15 16	JJJJJJJJ         333333333         11         888888888         CCCCCCCCC           JJJJJJJJJJ         3333333333         111         888888888         CCCCCCCCCCCC	19 20 21
17	JJ 33 33 1111 88 88 CC CC JJ 33 11 88 88 CC	22 23 24 25
20 21	JJ 3333 11 88888888 CC	26 27 28
22 23 24	JJ     33     11     88     88     CC       JJ     JJ     33     11     88     88     CC       JJ     JJ     33     33     11     88     88     CC     CC	29 80 81 82
25 26	JJJJJJJ 333333333 111111111 88888888888 CCCCCCCCCC	33 34 35
27 28 29	****C END JOB 318 COBSAMP ROOM 11.39.31 PM 24 NOV 21 PRINTER3 SYS MWO1 JOB 318 END C****	6 .7 .88
30 31		10 11 12
33 34		3 4 15 16
35 36 37		7 8 19
38 39		0 1 2 53
41 42		4 i5 i6
43 44 45		7 8 i9
46		1 32 33
48 49 50		4 5 66 37
51 52		8 39 70
54 55		1 2 3 74
56 57 58		76 77 76 77 1
59 60		8 9