

15:40 SEP 08, 1975 ID#00F9  
JOB IP0ST, BRU333323132, 7 . TERMINAL JOB  
LIMIT (CORE, 16), (TIME, 10)  
ASSIGN M:SI, (FILE, RBBATM, ;DOOTSI)  
ASSIGN M:CI, (FILE, RBBATM, ;DOOCI)  
METASYM SI, CI, L0, CN  
 .SS R0, R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15  
 .SS SR1, SR2, SR3, SR4, D1, D2, D3, D4, S  
 .END

\* CONCORDANCE EXTENDED MEMORY MODE.

\* REFERENCE COUNT = 5355. DISK OVERFLOW = 2805.

|         |           |            |            |           |           |          |           |
|---------|-----------|------------|------------|-----------|-----------|----------|-----------|
| A&L1    | 434= EQU  | 5136/B     |            |           |           |          |           |
| ABNM    | 3154/LI   | 6868=TEXTC | 6936/EQU   |           |           |          |           |
| ABNM1   | 3153/STW  | 6936= EQU  |            |           |           |          |           |
| ABORT   | 3328/MTW  | 3413/STW   | 3417/MTW   | 3480/STW  | 4414/STW  | 4460/STW | 6780=DATA |
| ABORTM  | 3452/LI   | 3469/LI    | 6196=TEXTC |           |           |          |           |
| ABRS#   | 956/BAL   | 1471/BAL   | 2060/BAL   | 3467/BAL  | 3497= EQU | 3511/B   |           |
| ABS#1   | 3499/BNEZ | 3504= EQU  |            |           |           |          |           |
| ABSVAL  | 6721/SET  | 6721/SET   |            |           |           |          |           |
| ACCNT   | 4345= EQU | 6411/DATA  |            |           |           |          |           |
| ACCPM   | 3445/LI   | 6195=TEXTC | 6249/DATA  |           |           |          |           |
| ACCTBIT | 4346/LW   | 6096= EQU  |            |           |           |          |           |
| ACCTPRT | 5715/LM   | 6516=TEXT  |            |           |           |          |           |
| ACCTPTR | 5669/AW   | 6016=GEN   |            |           |           |          |           |
| ACTBIT  | 3762/LI   | 3873/AI    | 4688/CI    | 4800=1/CI | 6433= EQU |          |           |
| ADDFRE  | 95/DEF    | 612/BAL    | 1006= EQU  | 1475/BAL  |           |          |           |
| ADDIT   | 988/B     | 1528= EQU  | 4636/B     | 4639/BAL  | 4673/BAL  |          |           |
| ADDIT1  |           |            |            |           |           |          |           |

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|          |                      |          |          |         |          |          |          |
|----------|----------------------|----------|----------|---------|----------|----------|----------|
| ADDIT1H  | 1564/BEZ             | 1571•EQU |          |         |          |          |          |
| ADDIT2   | 1576/BEZ             | 1582•EQU |          |         |          |          |          |
| ADDIT2H  | 1566•EQU             | 1573/B   |          |         |          |          |          |
| ADDIT3   | 1578•EQU             | 1586/B   |          |         |          |          |          |
| ADDIT3H  | 1534/BNEZ            | 1540/B   | 1543/BL  | 1548/B  | 1553/BNE | 1556/BG  | 1560•EQU |
| ADDIT4   | 1562/BNEZ            | 1574•EQU |          |         |          |          |          |
| ADDJOB   | 1531/BNE             | 1541•EQU |          |         |          |          |          |
| ADDX     | 1020•EQU             | 3421/BAL | 3476/BAL |         |          |          |          |
| AF       | 516/STW<br>6781•DATA | 1022/LW  | 3224/LW  | 3351/LW | 3392/LW  | 3466/LW  | 4230/LW  |
| AIF      | 6214/COM             | 6215/COM | 6732/COM |         |          |          |          |
| AIFJE    | 337•18/B             | 496•EQU  |          |         |          |          |          |
| AIFNC    | 337•19/B             | 460•EQU  |          |         |          |          |          |
| AIFNCRB  | 337•20/B             | 567•EQU  |          |         |          |          |          |
| AIFNCRB1 | 636/BCR              | 669•EQU  |          |         |          |          |          |
| AIFNC1   | 695/BNEZ             | 700•EQU  |          |         |          |          |          |
| AIFOUT   | 578/BCS              | 611•EQU  | 732/BCS  | 792/B   |          |          |          |
| AIFX     | 659/BE               | 702/LI   | 1656/LI  | 1770/LI | 3449/LI  | 3477•EQU |          |
| AIF1     | 500•EQU              | 571/BEZ  |          |         |          |          |          |

|          |            |            |            |            |            |            |           |
|----------|------------|------------|------------|------------|------------|------------|-----------|
| AIF2     | 503/LI     | 515= EQU   |            |            |            |            |           |
| AL*DCBIT | 520/BCS    | 523= EQU   |            |            |            |            |           |
| ALBIT    | 421/CW     | 3576/CW    | 3766/CW    | 3870/CW    | 3928/LW    | 6455= DATA |           |
| ALGBIT   | 6443= EQU  |            |            |            |            |            |           |
| ALL      | 1172/LI    | 6501= EQU  | 6504/ DATA | 6506/ DATA | 6510/ DATA |            |           |
| ALLOUT   | 2960= EQU  | 3107/B     |            |            |            |            |           |
| ALLRET   | 2966/B     | 2977= AI   | 3016/ BCS  | 3043/ BCS  |            |            |           |
| ALLX     | 2864/ BE   | 3015/ BCS  | 3105= EQU  |            |            |            |           |
| ALL1     | 1697/ STW  | 1932/ MTW  | 1970/ LW   | 1980/ MTW  | 1996/ MTW  | 3106/ MTW  | 3867/ MTW |
| ALL2     | 6782= DATA |            |            |            |            |            |           |
| ALZ      | 2959= AI   | 3859/ BAL  |            |            |            |            |           |
| ANLZACCT | 2541/ B    | 2962= EQU  | 4715/ B    |            |            |            |           |
| ANLZ43   | 6732= COM  |            |            |            |            |            |           |
| A0F      | 5243= CD   | 5665/ ANLZ |            |            |            |            |           |
| A0FADD   | 5661= STW  | 5667/ ANLZ |            |            |            |            |           |
| A0FL     | 337*22/ B  | 1410= EQU  |            |            |            |            |           |
| A0FNFB   | 1394/ BE   | 1401/ B    | 1425/ LI   | 1427/ BE   | 1430/ B    | 1438/ BL   | 1474= EQU |
| A0FNPG   | 337*21/ B  | 1415= EQU  |            |            |            |            |           |
|          | 337*23/ B  | 1421= EQU  |            |            |            |            |           |



|        |             |             |            |            |          |           |
|--------|-------------|-------------|------------|------------|----------|-----------|
|        | 1313/BEZ    | 1315/BGE    | 1325=EGU   |            |          |           |
| ABFP   | 337.24/B    | 1370=EGU    |            |            |          |           |
| ABFP1  | 1379/BCS    | 1382=EGU    |            |            |          |           |
| ABFP2  | 1387/BEZ    | 1392=EGU    |            |            |          |           |
| ABFP3  | 1399/BNEZ   | 1402=EGU    |            |            |          |           |
| ABFRR  | 1419/LI     | 1460=EGU    |            |            |          |           |
| ABFRR1 | 1465/BAZ    | 1469=EGU    |            |            |          |           |
| ABFRR2 | 1467/BNEZ   | 1472=EGU    |            |            |          |           |
| ABFSET | 1280=EGU    | 1383/BAL    | 1411/BAL   | 1416/BAL   | 1422/BAL |           |
| ABFSWS | 1302/BAZ    | 1308=EGU    |            |            |          |           |
| ABFS2  | 1345/BEZ    | 1352=EGU    |            |            |          |           |
| ABFS3  | 1355/BAZ    | 1363=EGU    |            |            |          |           |
| ABF1   | 1404/BEZ    | 1409/B      | 1423=LI    |            |          |           |
| ABF2   | 1414/B      | 1425=LI     |            |            |          |           |
| ABF3   | 1420/B      | 1428=LW     |            |            |          |           |
| ABF4   | 1440.2/BLE  | 1440.4/BEZ  | 1440.6/BNE | 1440.8=EGU |          |           |
| ABF5   | 1440.10/BNE | 1440.16=EGU |            |            |          |           |
| ARFCN  | 3758/LI     | 6494=EGU    |            |            |          |           |
| ARS    | 1676/LW     | 1706/STW    | 1775/STW   | 2793/LW    | 4217/LW  | 6783=DATA |

|           |   |  |   |   |  |  |  |
|-----------|---|--|---|---|--|--|--|
| ARSE      | 1643/AW<br>2896/LW  | 1654/STW<br>6784=DATA  | 1657/LW   | 1729/STW  | 1774/LW  | 1902/LW  | 2889/AW  |
| ARSO      | 1622/LW<br>4215/LW  | 1738/STW<br>6785=DATA  | 1907/XW   | 2497/AW   | 2786/LW  | 3482/STW   | 3637/STW   |
| ASTER     | 1993/LI   | 1998/AI  | 6201=TEXTC  |   |  |  |  |
| AUTO\$LOG | 422/BANZ  | 428=EQU  |   |   |  |  |  |
| BA        | 631/LI<br>2763/CI<br>3250/LI<br>5442/LI<br>6019/GEN<br>6250/GEN<br>6258/GEN | 664/LI<br>2765/CI<br>3313/AI<br>5877/MBS<br>6021/DATA<br>6251/DATA<br>6853/EQU | 750/LI<br>2981/LI<br>3557/AI<br>6009/GEN<br>6034/DATA<br>6252/GEN<br>6893/EQU | 828/LI<br>2995/LI<br>3783/LI<br>6013/GEN<br>6035/GEN<br>6253/DATA | 1772/LI<br>3054/LI<br>3792/LI<br>6014/GEN<br>6036/DATA<br>6254/GEN | 2196/LI<br>3054/LI<br>4220/AI<br>6015/GEN<br>6037/GEN<br>6255/DATA | 2761/CI<br>3129/LI<br>4875/LI<br>6017/GEN<br>6249/DATA<br>6256/GEN |
| BADCRD    | 1668=BA<br>1954/BCR   | 1781/BAZ<br>1956/BG  | 1822/BANZ<br>2093/BANZ  | 1843/BANZ<br>3073/BANZ  | 1879/BAZ<br>3075/BEZ   | 1891/BAZ   | 1951/BCS   |
| BADOP     | 2121=EQU  | 4319/BNE   | 4381/B  |   |  |  |  |
| BADPRI    | 3295/LI   | 6207=TEXTC   |   |   |  |  |  |
| BADRID1   | 178/DEF   | 3905/B   | 3908/B  | 3911=EQU  | 3982/B   |  |  |
| BADRID2   | 3930/BEZ  | 3936=EQU   |   |   |  |  |  |
| BADRID2A  | 3934/BANZ   | 3940=EQU   |   |   |  |  |  |
| BADRID3   | 3939/BAZ  | 3944=EQU   |   |   |  |  |  |
| BADRS     | 145/DEF<br>6807=RES   | 3396/LB*   | 3420/STR*   | 4234/STW  | 4333/STB*  | 5650/STW   | 5655/LB*   |
| BADSID    |   |  |   |   |  |  |  |

|         |            |           |            |           |           |           |                       |
|---------|------------|-----------|------------|-----------|-----------|-----------|-----------------------|
| BADSIDP | 2866= EQU  | 3023/BCS  | 3025/BG    | 3029/BG   | 3031/BLE  | 3047/BCS  | 3049 <sup>6</sup> /BG |
| BADSID1 | 1965/BE    | 1969= EQU |            |           |           |           |                       |
| BADSID2 | 1971/BEZ   | 2877= AI  | 3018/BCS   | 3044/BCS  |           |           |                       |
| BADSID3 | 2858/BNE   | 2869= LI  | 2878/B     | 3098/BCR  | 4431/BCR  |           |                       |
| BADSID4 | 2125/B     | 2149/B    | 2870= PSW  |           |           |           |                       |
| BADSW   | 2873= EQU  |           |            |           |           |           |                       |
|         | 2347/BCS   | 2350/BCR  | 2351/BCS   | 2353/BG   | 2355/B    | 2360/BCR  | 2364/BCS              |
|         | 2368/BCS   | 2370/BG   | 2376/B     | 2378/B    | 2382/BCR  | 2383/BCS  | 2449/BE               |
|         | 2481= EQU  |           |            |           |           |           |                       |
| BADSYN  | 4359/BCS   | 4391/BCS  | 4396/BCS   | 4429/BCS  | 4435/BNE  | 4443/BNE  | 4446= EQU             |
| BADVAL  | 2131/BCS   | 2135/BCR  | 2146= EQU  | 4288/BLEZ | 4290/BG   | 4294/BLEZ | 4296/BG               |
|         | 4402/BG    | 4448/B    |            |           |           |           |                       |
| BADXIT  | 3205/BCS   | 3208/BCR  | 3210/BG    | 3242/BCS  | 3245/BCR  | 3247/BG   | 3256/BCR              |
|         | 3264/BCR   | 3266/BG   | 3288/BCR   | 3290/BG   | 3370= EQU |           |                       |
| BANGRB  | 1666/CW    | 1766/CW   | 6024= DATA |           |           |           |                       |
| BANNER  | 749/BAL    | 827/BAL   | 4209/BAL   | 4253= EQU | 5419/BAL  |           |                       |
| BASESW  | 1118/LW    | 1121/LW   | 5831= EQU  | 5844/ EQU | 5846/ EQU | 5852/ EQU | 5862/ EQU             |
|         | 5880/ EQU  | 5882/ EQU | 5886/ EQU  | 5899/ EQU | 5903/ EQU | 5905/ EQU | 5924/ EQU             |
|         | 5931/ BNEZ | 5943/ EQU | 5948/ EQU  | 5959/ EQU | 5974/ EQU | 5979/ EQU | 5981/ EQU             |
|         | 5983/ EQU  | 5985/ EQU | 5987/ EQU  |           |           |           |                       |
| BBICOPY | 221/ REF   | 622/ STB  | 1137/ LB   | 1287/ STB | 1316/ LB  | 1361/ STB | 2264/ LB              |
|         | 4576/ STB  | 5592/ LB  | 6736/ ALZ  |           |           |           |                       |
| BBIDEV  | 188/ REF   | 617/ STB  | 866/ CB    | 948/ CB   | 1048/ CB  | 1337/ STB | 2303/ CB              |

|          |                                  |                               |                               |                                |                                 |                                |                                   |
|----------|----------------------------------|-------------------------------|-------------------------------|--------------------------------|---------------------------------|--------------------------------|-----------------------------------|
|          | 2424/STB<br>5097/LB              | 2547/CB<br>5108/STB           | 4054/LB<br>5147/CB            | 4567/STB<br>5565/LB            | 4633/STB<br>5607/LB             | 4944/STB<br>5997.21/CB         | 5051 <sup>7</sup> /CB<br>6737/ALZ |
| BBIJDE   | 219/SREF                         | 1085/LB                       | 1351/STB                      | 1391/STB                       | 4574/STB                        | 5617/LB                        | 6752/ALZ                          |
| BBIPI    | 188/REF                          | 4246/STB                      | 5001/STB                      | 6738/ALZ                       |                                 |                                |                                   |
| BBIRID   | 188/REF<br>2932/CB<br>5110/STB   | 618/STB<br>2967/CB<br>5541/LB | 868/CB<br>4248/STB<br>5552/LB | 1050/CB<br>4568/STB<br>5605/LB | 1329/STB<br>4946/STB<br>5636/LB | 1441/CB<br>5093/CB<br>6739/ALZ | 2426/STB<br>5095/LB               |
| BCP      | 1642/LW<br>2785/LW               | 1653/SW<br>2912/SW            | 1659/LW<br>4210/LW            | 1660/AW<br>4214/LW             | 1677/AW<br>6786=DATA            | 1723/STW                       | 1739/LW                           |
| BCSTPTR  | 4836/LW                          | 4855/LW                       | 6013=GEN                      |                                |                                 |                                |                                   |
| BDIACCT  | 189/REF                          | 3225/STD                      | 5243/CD                       | 6740/ALZ                       |                                 |                                |                                   |
| BDDEV    | 6184=TEXTC<br>6308/VEC           | 6301/VEC<br>6309/VEC          | 6302/VEC<br>6310/VEC          | 6303/VEC<br>6314/VEC           | 6304/VEC                        | 6306/VEC                       | 6307/VEC                          |
| BDFLD    | 6182=TEXTC                       | 6305/VEC                      | 6315/VEC                      | 6316/VEC                       | 6317/VEC                        | 6318/VEC                       | 6319/VEC                          |
| BDJM     | 6147/EQU                         | 6190=TEXTC                    | 6320/VEC                      |                                |                                 |                                |                                   |
| BDRESM   | 6191=TEXTC                       | 6321/VEC                      |                               |                                |                                 |                                |                                   |
| BDSWM    | 6186=TEXTC                       | 6322/VEC                      |                               |                                |                                 |                                |                                   |
| BHICOMID | 243/REF<br>1440.3/MTH<br>5819/LH | 1056/LH<br>1440.5/CH          | 1145/LH<br>4056/LH            | 1151.2/STH<br>4976/MTH         | 1367/STH<br>4988/MTH            | 1405/STH<br>5595/LH            | 1428.1/LH<br>5807/LH              |
| BHIGRAN  | 193/REF<br>5572/LH               | 620/STH<br>6754/ALZ           | 1157/LH                       | 1298/STH                       | 2259/LH                         | 4577/STH                       | 4593/MTH                          |
| BHHPRI   | 130/DEF                          | 502/LH                        | 977/LH                        | 982/STH                        | 1008/LH                         | 1224/LH                        | 1270/LH                           |

|         |                               |                               |                                |                                   |                                  |                     |                        |
|---------|-------------------------------|-------------------------------|--------------------------------|-----------------------------------|----------------------------------|---------------------|------------------------|
|         | 1282/LH<br>6768=EHU           | 1572/STH                      | 1575/LH                        | 1579/STH                          | 4548/LH                          | 4550/STH            | 6741 <sup>8</sup> /ALZ |
| BH:LINK | 189/REF<br>1569/STH           | 981/LH<br>1577/STH            | 991/LH<br>1585/STH             | 994/LH<br>2086/STH                | 995/STH<br>4549/LH               | 1273/LH<br>6742/ALZ | 1565/STH               |
| BH:PART | 189/REF                       | 3425/CH                       | 5384/LH                        | 5678/LH                           | 6743/ALZ                         |                     |                        |
| BH:SID  | 189/REF<br>2929/CH<br>5279/CH | 625/STH<br>4057/LH<br>5362/CH | 1139/LH<br>4250/STH<br>5538/LH | 1152/LH<br>4566/STH<br>5997=19/CH | 1336/STH<br>4940/STH<br>6744/ALZ | 1439/CH<br>5034/CH  | 2268/LH<br>5087/CH     |
| BH:SLNK | 188/REF<br>6745/ALZ           | 3393/LH                       | 3498/LH                        | 4244/STH                          | 4369/LI                          | 4406/LH             | 5479/LH                |
| BH:TIME | 190/REF                       | 4242/STH                      | 4352/STH                       | 5644/LH                           | 6746/ALZ                         |                     |                        |
| BH:TPRI | 131/DEF<br>6774=EHU           | 985/STH                       | 1563/LH                        | 1567/STH                          | 1583/STH                         | 4937/LH             | 6747/ALZ               |
| BH:XLNK | 188/REF<br>6748/ALZ           | 3500/LH                       | 3503/STH                       | 4245/STH                          | 4364/LI                          | 4408/LH             | 5483/LH                |
| BI:ASPN | 138/DEF                       | 6806=RES                      |                                |                                   |                                  |                     |                        |
| BKFM    | 1873/LI                       | 5307/LI                       | 6209=TEXTC                     |                                   |                                  |                     |                        |
| BK:BIT  | 6495=EHU                      | 6496/DATA                     |                                |                                   |                                  |                     |                        |
| BKSW    | 5067/B                        | 5072/B                        | 5219=EHU                       |                                   |                                  |                     |                        |
| BK:SWM  | 5220/LI                       | 6149=TEXTC                    |                                |                                   |                                  |                     |                        |
| BK:SW1M | 5163/LI                       | 6150=TEXTC                    |                                |                                   |                                  |                     |                        |
| BL:IFS  | 210/REF                       | 1549/LI                       |                                |                                   |                                  |                     |                        |
| BL:OFS  |                               |                               |                                |                                   |                                  |                     |                        |

|          |                      |           |          |          |          |          |          |
|----------|----------------------|-----------|----------|----------|----------|----------|----------|
| BLANK    | 210/REF              | 1552/CI   | 1555/CW  | 4522/MTW | 4524/MTW |          |          |
| BOMSK    | 235/REF              | 5877/MBS  |          |          |          |          |          |
| BOOTFLG  | 1626/LI              | 2102/LI   | 6109-EQU |          |          |          |          |
| BPBIT    | 223/REF              | 255/LW    |          |          |          |          |          |
| BRSTFCN  | 6419-EQU             |           |          |          |          |          |          |
| BRSTPTR  | 6108-EQU             |           |          |          |          |          |          |
| BRSTWH   | 4211/AW              | 6011-GEN  |          |          |          |          |          |
| BRSTW2   | 4266/AW              | 6061-DATA |          |          |          |          |          |
| BSCBTS   | 4263/AW              | 6060-DATA |          |          |          |          |          |
| BSLICRES | 133/DEF<br>6460-DATA | 422-1/CW  | 2561/CW  | 3570/LW  | 3682/CW  | 3938/CW  | 4761/CW  |
| BSZFLD   | 140/DEF              | 3398/STM  | 3401/MTW | 3406/LH  | 6804-RES |          |          |
| BT31T80  | 6188-TEXTC           | 6300/VEC  |          |          |          |          |          |
| BUF      | 238/REF              | 3494/BR   |          |          |          |          |          |
| BUFBA    | 1126/AI              | 5951/LI   | 5985-EQU |          |          |          |          |
| BUFBUT   | 1128/STW             | 5869/LW   | 5881/LW  | 5906/LW  | 5913/SW  | 5922/LW  | 5983-EQU |
| BUFSZ    | 5880-EQU             | 5919/BCS  | 5921/BNE | 5973/B   |          |          |          |
| BUFSZSW  | 3736/STW             | 3739/AI   | 3752/AI  | 3754/AI  | 3756/AI  | 6490-EQU |          |
| BUFX     | 5962/LI              | 5986-EQU  |          |          |          |          |          |

|          |           |             |           |           |           |            |          |
|----------|-----------|-------------|-----------|-----------|-----------|------------|----------|
| BUF1     | 3743/LB   | 6977= EQU   |           |           |           |            |          |
| BUF2     | 3749/STW  | 3750/AI     | 6486= EQU |           |           |            |          |
| BUF3     | 3747/STW  | 6487= EQU   |           |           |           |            |          |
| BUF4     | 3757/STW  | 3776/STW    | 6488= EQU |           |           |            |          |
| BWIFORM  | 3748/STW  | 3774/AI     | 3799/LI   | 6489= EQU | 6896/ EQU |            |          |
|          | 221/REF   | 616/STW     | 660/LW    | 870/CW    | 942/LW    | 1069/CW    | 1074/LW  |
|          | 1343/STW  | 1385/STW    | 2234/LW   | 2251/LW   | 4055/LW   | 4125/LW    | 4570/STW |
|          | 4631/STW  | 4979/STW    | 5588/LW   | 6749/ALZ  |           |            |          |
| BWIF0VL  | 219/SREF  | 266/LI      | 1080/LI   | 1082/LW   | 1344/LI   | 1347/STW   | 1386/LI  |
|          | 1389/STW  | 4571/LI     | 4573/STW  | 5603/LI   | 5610/LW   | 6753/ALZ   |          |
| BWISDA   | 190/REF   | 510/STW     | 878/XW    | 1052/LW   | 1133/AND  | 1159/LW    | 1162/STW |
|          | 1226/LW   | 1293/STW    | 1307/STS  | 1454/LG   | 1455/STS  | 1464/CW    | 1479/CW  |
|          | 1545/CW   | 1928/STS    | 2066/STS  | 2238/LW   | 2409/CW   | 2429/STS   | 2436/STS |
|          | 2545/CW   | 2973/CW     | 4342/STS  | 4582/STW  | 5090/CW   | 5106/STS   | 5151/STS |
|          | 5545/LW   | 6729/DATA   | 6750/ALZ  |           |           |            |          |
| B4WIRES  | 190/REF   | 1440=13/AI  | 4233/AI   | 4996/AI   | 5005/AI   | 5649/AI    | 6751/ALZ |
| B8ICRES  | 142/DEF   | 6805= RES   |           |           |           |            |          |
| CIETM    | 224/REF   | 2322/LW     |           |           |           |            |          |
| CANTSTOP | 5996/LI   | 6212= TEXTC |           |           |           |            |          |
| CBB      | 6471= EQU |             |           |           |           |            |          |
| CCMVD    | 1698/STW  | 2782/MTW    | 2794/MTW  | 2886/LW   | 2909/LW   | 6789= DATA |          |
| CCRB     | 6214= COM |             |           |           |           |            |          |
| CCTMP    |           |             |           |           |           |            |          |

|          |          |          |          |           |          |          |                          |
|----------|----------|----------|----------|-----------|----------|----------|--------------------------|
| CEB      | 1701/STW | 1959/STW | 1963/LW  | 4853/LW   | 4862/STW | 4870/STW | 6852 <sup>11</sup> -DATA |
|          | 1951/BCS | 1954/BCR | 2135/BCR | 2350/BCR  | 3021/BCR | 3208/BCR | 3245/BCR                 |
|          | 3264/BCR | 3288/BCR | 3560/BCS | 3563/BCR  | 6110-EQU |          |                          |
| CEP      | 3256/BCR | 6111-EQU |          |           |          |          |                          |
| CFC      | 3759/STW | 6477-EQU |          |           |          |          |                          |
| CHAINHD  | 1408/MTW | 1561/MTW | 1580/MTW | 6859-DATA |          |          |                          |
| CHKALL   | 2856-EQU | 3021/BCR |          |           |          |          |                          |
| CHKCONT  | 2108/BCS | 2156-EQU |          |           |          |          |                          |
| CHKHLD   | 1924/B   | 1930-EQU | 1946/B   |           |          |          |                          |
| CHKREL   | 1940/B   | 1944-EQU |          |           |          |          |                          |
| CHKRS    | 3355/LI  | 4308-EQU |          |           |          |          |                          |
| CHKSTAT  | 1992-EQU | 3868/BAL |          |           |          |          |                          |
| CHNG     | 875/BAL  | 975-EQU  | 1156/BAL | 1470/BAL  | 2081/BAL |          |                          |
| CHNGRSET | 2063/B   | 2080-EQU | 5010/B   | 5997.25/B |          |          |                          |
| CHNG1    | 979/BNE  | 990-EQU  | 993/BNE  |           |          |          |                          |
| CHNG2    | 983-EQU  | 996/B    |          |           |          |          |                          |
| CHNG3    | 980-EQU  | 1009/B   | 1023/B   |           |          |          |                          |
| CKGB     | 2937/BAL | 2969-EQU | 5281/B   |           |          |          |                          |
| CKJB     | 533-EQU  | 1617/BAL |          |           |          |          |                          |
| CKSERX   |          |          |          |           |          |          |                          |



|                   |             |              |           |           |           |            |           |
|-------------------|-------------|--------------|-----------|-----------|-----------|------------|-----------|
| CKSR2             | 4407/BAL    | 4409/BAL     | 4449= EQU | 4465/B    |           |            |           |
| CLEARMF           | 4452/BNE    | 4454/BNE     | 4463= EQU |           |           |            |           |
| CLKBIT            | 4625/BAL    | 4664/BEZ     | 4676= EQU |           |           |            |           |
| CLSSYM            | 6434= EQU   |              |           |           |           |            |           |
| CLSXX             | 4743= EQU   | 4751/BNEZ    | 4753/BEZ  | 4755/LI   |           |            |           |
| CLSXX0            | 3139/CAL1   | 5128/CAL1    | 6350= EQU |           |           |            |           |
| CMAB              | 958+41/CAL1 | 6386+31= GEN |           |           |           |            |           |
| CMDVCHK           | 5735/BR     | 6062= DATA   |           |           |           |            |           |
| COBLMSK           | 4084+6= BDR | 4084+10/B    |           |           |           |            |           |
| C <sup>B</sup> M  | 1853/LI     | 2110/LI      | 2152/LI   | 2874/LI   | 3045/LI   | 4357/LI    | 4398/LI   |
| COMA              | 6112= EQU   |              |           |           |           |            |           |
| C <sup>B</sup> ME | 1625/STB    | 2485/STB     | 2902/LB   | 3325/STB  | 4206/STB  | 6787= DATA |           |
| COMEDIT           | 2106/BCR    | 2360/BCR     | 2365/BCS  | 2382/BCR  | 3018/BCS  | 3044/BCS   | 4430/BCS  |
| COMIDOK           | 6113= EQU   |              |           |           |           |            |           |
| COMIDX            | 2131/BCS    | 2347/BCS     | 3098/BCR  | 3205/BCS  | 6114= EQU |            |           |
| COMMSK            | 634/BAL     | 662/BAL      | 3240/BAL  | 3249/BAL  | 3253/BAL  | 3285/BAL   | 3363= EQU |
| COMODMSG          | 1059/BE     | 1068= EQU    |           |           |           |            |           |
|                   | 5601/STW    | 5602/LI      | 7066= EQU |           |           |            |           |
|                   | 3258/LI     | 6115= EQU    |           |           |           |            |           |
|                   | 4116/LI     | 7023= TEXTC  | 7024/ EQU | 7025/ EQU | 7026/ EQU |            |           |

|           |  |  |                                |                                |                                |                            |                              |
|-----------|--|--|--------------------------------|--------------------------------|--------------------------------|----------------------------|------------------------------|
| COMODM1   | 1153/STW                                 | 4058/STW                                 | 4106/LW                        | 4108/STW                       | 7024-EQU                       |                            |                              |
| COMODM2   | 4114/STW                                 | 7025-EQU                                 |                                |                                |                                |                            |                              |
| COMODM3   | 4115/STW                                 | 7026-EQU                                 |                                |                                |                                |                            |                              |
| COMRET    | 1848/BAL<br>3066/B<br>4303/B<br>4394/BAL | 1960/BAL<br>3095-EQU<br>4334/B<br>4445/B | 2130/BAL<br>3241/BAL<br>4338/B | 2151/BAL<br>3260/BAL<br>4343/B | 2155/B<br>3283/BAL<br>4344/EQU | 2876/B<br>4292/B<br>4353/B | 2954/B<br>4298/B<br>4355/BAL |
| COMRET1   | 2942/BNEZ                                | 3094-LI                                  |                                |                                |                                |                            |                              |
| COMRET2   | 2107/BAL                                 | 3099-EQU                                 | 4430/BCS                       |                                |                                |                            |                              |
| COMSELECT | 5375/BAL                                 | 5471/BAL                                 | 5804-EQU                       |                                |                                |                            |                              |
| CONT      | 2162/MTW                                 | 3336/MTW                                 | 3338/MTW                       | 3481/STW                       | 6788-DATA                      |                            |                              |
| CONTCK    | 3744/STW                                 | 6480-EQU                                 |                                |                                |                                |                            |                              |
| CONTROL   | 284/LI                                   | 313-EQU                                  |                                |                                |                                |                            |                              |
| COPX      | 5594/STW                                 | 7065-EQU                                 |                                |                                |                                |                            |                              |
| CP        | 4287-EQU                                 | 6345/DATA                                |                                |                                |                                |                            |                              |
| CPB       | 6470-EQU                                 |  |                                |                                |                                |                            |                              |
| CRB       | 3751/STW                                 | 3827/AI                                  | 6472-EQU                       |                                |                                |                            |                              |
| CRCH      | 3814/BAL                                 | 3888-EQU                                 | 3900/BDR                       |                                |                                |                            |                              |
| CRCH1     | 3892/BE                                  | 3898-EQU                                 |                                |                                |                                |                            |                              |
| CRCTBL    | 3896/LH                                  | 6590-EQU                                 |                                |                                |                                |                            |                              |

|        |  |   |   |  |  |   |  |
|--------|--|---|---|--|--|---|--|
| CRDPTR | 1718/LW  | 6023=GEN  |   |  |  |   |  |
| CTRBIT | 426/AI   | 6432=ERU  | 6461/DATA   |  |  |   |  |
| CTR1   | 170/DEF<br>1480/BANZ<br>3875/LI<br>4896/LI<br>5046/LI<br>5502/BNEZ | 286=ERU<br>1481/LI<br>3943/LI<br>4911/BEZ<br>5162/BNEZ<br>5503/LI | 336/BG<br>2672/B<br>4802/BAZ<br>4921/LI<br>5187/BNEZ<br>5509/LI | 337=17/B<br>2682/LI<br>4820/LI<br>4948/BNEZ<br>5194/LI<br>5994/B | 427/B<br>2688/LI<br>4839/BEZ<br>4949/LI<br>5287/B<br>5995/LI | 643/LI<br>3484/BEZ<br>4871/B<br>4953/LI<br>5305/B | 1477/BE<br>3485/LI<br>4892/BEZ<br>5040/LI<br>5308/LI |
| CTR2   | 171/DEF  | 308=ERU   | 376/BANZ  | 378/LI   |  |   |  |
| CTR3   | 316/BEZ  | 369=ERU   |   |  |  |   |  |
| CTR4   | 172/DEF  | 288/BNEZ  | 297/BNEZ  | 299=ERU  | 1169/LI  | 5256/B  |  |
| CTR5   | 174/DEF  | 328=ERU   |   |  |  |   |  |
| CTR6   | 301/BCS  | 310=ERU   |   |  |  |   |  |
| CURBQ  | 211/REF  | 4015/CW   |   |  |  |   |  |
| CURSID | 498/STW  | 3227/LH   | 4222/LW   | 4249/LW  | 4563/LW  | 5418/STW  | 6790=DATA  |
| CVT    | 2839/STW   | 2849/MW   | 3181/STW  | 3185/DW  | 6791=DATA  |   |  |
| CVTHEX | 2844=ERU   | 2852/BDR  |   |  |  |   |  |
| CVTSID | 1958/BAL   | 2137/BAL  | 2838=ERU  | 3027/BAL   |  |   |  |
| CVTYP  | 2377/BAL   | 2421/BAL  | 2454=ERU  | 5071/BAL   | 5143/BAL   |   |  |
| CVTYPL | 2456/BEZ   | 2468=ERU  |   |  |  |   |  |
| CWB    | 3775/STW   | 6473=ERU  |   |  |  |   |  |

|          |          |          |            |          |          |          |
|----------|----------|----------|------------|----------|----------|----------|
| DA       | 637/LI   | 6235/EQU | 6235/EQU   | 6242/EQU | 6242/EQU |          |
| DATE     | 223/REF  | 5431/LM  |            |          |          |          |
| DBRPTR   | 5441/AW  | 6018=GEN |            |          |          |          |
| DCBIT    | 6444=EQU |          |            |          |          |          |
| DCT*MASK | 216/REF  | 4166/AND | 4607/AND   |          |          |          |
| DCTSIZ   | 194/REF  |          |            |          |          |          |
| DCT16    | 194/REF  | 637/LI   | 1188/LD    | 1599/LD  | 4111/LD  | 5761/LD  |
| DCT4     | 194/REF  |          |            |          |          |          |
| DCT7     | 194/REF  |          |            |          |          |          |
| DCT8     | 207/REF  | 3585/STW | 4812/STW   |          |          |          |
| DCT9     | 207/REF  | 3586/STW | 4814/STW   |          |          |          |
| DDVM     | 2044/STB | 2045/LI  | 6908=TEXTC | 6909/EQU | 6910/EQU | 6911/EQU |
| DDVMSZ   | 2039/LI  | 6912=EQW | 6913/EQU   |          |          |          |
| DDVMSZF  | 2043/LI  | 6913=EQW |            |          |          |          |
| DDVMXS   | 2036/LD  | 6903=EQU |            |          |          |          |
| DDVM1    | 2035/STW | 6909=EQU |            |          |          |          |
| DDVM2    | 2037/STW | 2038/STW | 6910=EQU   |          |          |          |
| DDVM3    | 2042/STW | 6911=EQU |            |          |          |          |
| DEC      |          |          |            |          |          |          |

|         | 103/DEF<br>2328/BAL<br>5645/BAL          | 1602/BAL<br>2333/BAL<br>5660/BAL           | 2245/BAL<br>3176-EQU<br>5782/BAL         | 2262/BAL<br>5542/BAL           | 2265/BAL<br>5582/BAL          | 2318/BAL<br>5593/BAL | 2323/BAL<br>5618/BAL |
|---------|--|--|--|--------------------------------|-------------------------------|----------------------|----------------------|
| DECZ    |  |  |  |                                |                               |                      |                      |
| DEL     | 1277-AI                                  |  |  |                                |                               |                      |                      |
| DELBIT  | 2054-EQU                                 | 4718/BE                                    | 5012/LI                                  | 5020/CI                        | 5245/BAL                      |                      |                      |
| DELJOB  | 1456/CW                                  | 2065/LW                                    | 2972/LW                                  | 6099-EQU                       |                               |                      |                      |
| DELPRI  | 180/DEF<br>128/DEF<br>1426/CI<br>4672/LI | 522/BEZ<br>589/LI<br>1458/LI<br>5997.24/LI | 1744/LI<br>658/CI<br>1468/LI<br>6091-EQU | 3474-EQU<br>1223/LI<br>1476/CI | 4149/LI<br>1229/LI<br>1530/CI | 1393/CI<br>2062/LI   | 1400/LI<br>3475/LI   |
| DEL1    | 2058-EQU                                 |  |  |                                |                               |                      |                      |
| DEL2    | 2057/BG                                  | 2061-EQU                                   |  |                                |                               |                      |                      |
| DEL3    | 2056/BE                                  | 2064-EQU                                   |  |                                |                               |                      |                      |
| DELS    | 2072/B                                   | 2075-EQU                                   |  |                                |                               |                      |                      |
| DEVX    | 5570/STW                                 | 7058-EQU                                   |  |                                |                               |                      |                      |
| DFLTPRI | 3261/BCS                                 | 3267/BL                                    | 3358-EQU                                 |                                |                               |                      |                      |
| DFMX    | 5591/STW                                 | 7062-EQU                                   |  |                                |                               |                      |                      |
| DH1     | 3183-EQU                                 | 3193/BG                                    |  |                                |                               |                      |                      |
| DIALBIT | 4690/CW                                  | 6445-EQU                                   |  |                                |                               |                      |                      |
| DIM     | 5522/LI                                  | 7041-TEXTC                                 |  |                                |                               |                      |                      |
| DISCBIT | 2595/AI                                  | 6439-EQU                                   |  |                                |                               |                      |                      |

|          |              |              |             |              |              |              |              |  |
|----------|--------------|--------------|-------------|--------------|--------------|--------------|--------------|--|
| DISCM    | 2593/LI      | 6152/EQU     | 6962=TEXTC  | 6963/EQU     |              |              |              |  |
| DISCM1   | 6963=EQU     |              |             |              |              |              |              |  |
| DISMESIN | 283/LI       | 5368/LI      | 5387/LI     | 5461/LI      | 7036=TEXTC   |              |              |  |
| DISMESIR | 275/LI       | 5458/LI      | 7034=TEXTC  |              |              |              |              |  |
| DISMESB  | 269/STB      | 5364/LI      | 5374/LI     | 5449/LI      | 7031=TEXTC   |              |              |  |
| DISP     | 5442/LI      | 7027=TEXT    | 7028/EQU    | 7029/EQU     | 7030/EQU     |              |              |  |
| DISPB1   | 7028=EQU     |              |             |              |              |              |              |  |
| DISPB2   | 5421/LI      | 7029=EQU     |             |              |              |              |              |  |
| DISPB3   | 7030=EQU     |              |             |              |              |              |              |  |
| DISPSEB  | 5482/BAL     | 5486/BAL     | 5730=EQU    | 5745/BL      |              |              |              |  |
| DLE      | 3891/CI      | 6493=EQU     |             |              |              |              |              |  |
| DMPABN   | 958=46=LH    | 6386=18/DATA |             |              |              |              |              |  |
| DMPER    | 958=50=LH    | 6386=3/DATA  | 6386=4/DATA | 6386=17/DATA | 6386=29/DATA | 6386=30/DATA | 6386=37/DATA |  |
|          | 6386=38/DATA |              |             |              |              |              |              |  |
| DMPRSD   | 958=24/B     | 958=35=EQU   |             |              |              |              |              |  |
| DMPRSDC  | 958=41=CAL1  | 958=54/BANZ  | 958=55/B    |              |              |              |              |  |
| DMPRSDS  | 958=39=CAL1  | 958=60/B     |             |              |              |              |              |  |
| DOJOB    | 539/B        | 4204=EQU     |             |              |              |              |              |  |
| DOM      | 5526/LI      | 7038=TEXTC   |             |              |              |              |              |  |

|         |          |            |          |        |
|---------|----------|------------|----------|--------|
| D00P    | 2117/BE  | 2126=EQU   | 4322/B   | 4326/A |
| D0RES   | 3339/B   | 3342/BE    | 3348=CI  |        |
| D0SSS   | 2511/BNE | 2514=EQU   |          |        |
| D0STAT  | 1978/B   | 1985=EQU   |          |        |
| DPDTBL  | 3665/LB  | 6991=EQU   |          |        |
| DSKFCN  | 4168/LW  | 6071=GEN   |          |        |
| DSR0    | 5743/BEZ | 5747=EQU   |          |        |
| DUMES   | 408/LI   | 6145=TEXTC |          |        |
| DUMRCK  | 4321/LI  | 4335=EQU   |          |        |
| DUMRES  | 4315/BE  | 4317/BE    | 4320=EQU |        |
| DUPBIT  | 6420=EQU |            |          |        |
| E1ABRT  | 195/REF  | 2073/LI    |          |        |
| E1SL    | 195/REF  | 377/LI     |          |        |
| E1SYMF  | 195/REF  | 4279/LI    |          |        |
| E1UQA   | 195/REF  | 5251/LI    |          |        |
| EB4P1   | 1807=WD  |            |          |        |
| EDISBIT | 4694/CI  | 6442=EQU   |          |        |
| EDISM   | 4696/LI  | 6155=TEXTC |          |        |
| EDIT    |          |            |          |        |

|         |           |           |           |          |          |          |          |
|---------|-----------|-----------|-----------|----------|----------|----------|----------|
|         | 676/BAL   | 678/BAL   | 3360/BAL  | 3365=LW  |          |          |          |
| EM      | 4299=EQW  | 4306/B    | 6348/DATA |          |          |          |          |
| EMBIT   | 4301/LI   | 4305/LI   | 5864/CI   | 6421=EQW |          |          |          |
| ENDCHK  | 4397/LI   | 4425=EQW  | 4462/B    |          |          |          |          |
| ENDC1   | 4392/B    | 4432=EQW  |           |          |          |          |          |
| EBC     | 1646/CI   | 1715/LI   | 1852/BCS  | 2108/BCS | 2168/BCS | 2351/BCS | 2364/BCS |
|         | 2368/BCS  | 2383/BCS  | 3015/BCS  | 3016/BCS | 3022/BCS | 3041/BCS | 3043/BCS |
|         | 3100/BCS  | 3242/BCS  | 3261/BCS  | 3284/BCS | 3547/LI  | 4359/BCS | 4391/BCS |
|         | 4396/BCS  | 4429/BCS  | 6117=EQW  |          |          |          |          |
| EBCMSK  | 1649/LI   | 2172/LI   | 6116=EQW  |          |          |          |          |
| EBSER   | 5744/CI   | 7070=EQW  |           |          |          |          |          |
| FFLG    | 2406/MTW  | 2445/MTW  | 2925/STW  | 2936/MTW | 2941/MTW | 2975/MTW | 6792=DAT |
| FIABIT  | 1630/LI   | 2525/CI   | 2527/AI   | 6428=EQW |          |          |          |
| FIACOM  | 1628/CI   | 6235=EQW  |           |          |          |          |          |
| FIASET  | 2491/B    | 2498/BNEZ | 2522=EQW  |          |          |          |          |
| FIASET1 | 2528=EQW  | 3879/B    |           |          |          |          |          |
| FIA1    | 2532=BEZ  | 2559/B    |           |          |          |          |          |
| FIA2    | 2542/B    | 2544/BLE  | 2550=EQW  |          |          |          |          |
| FIA3    | 2534/BANZ | 2557=EQW  |           |          |          |          |          |
| FINBIT  | 6422=EQW  |           |           |          |          |          |          |
| FIND    |           |           |           |          |          |          |          |



|         | 91/DEF<br>2280/BAL<br>5813/BAL   | 862/BAL<br>2927/BAL<br>5997.15/BAL  | 938/BAL<br>2965/BAL  | 1044/BAL<br>5032/BAL   | 1268-EQU<br>5083/BAL   | 1276/BGEZ<br>5277/BAL   | 1429/BAL <sup>20</sup><br>5352/BAL                          |
|---------|--|---|--|--|--|---|---|
| FINDSID | 2922-EQU   | 3032/B  |  |  |  |   |   |
| FIND1   | 93/DEF<br>1049/BNE<br>1093/BNEZ<br>2935/B<br>5052/BNE<br>5148/BNE<br>5412/BE | 867/BNE<br>1051/BNE<br>1095/BLZ<br>2939/BG<br>5053/LI<br>5178/B<br>5489/B | 869/BNE<br>1055/BANZ<br>1106/BLEZ<br>2963/LI<br>5088/BNE<br>5280/BNE<br>5821/BNE | 871/BNE<br>1061/BNEZ<br>1272-EQU<br>2968/BNE<br>5091/BANZ<br>5363/BNE<br>5997.20/BNE | 944/BE<br>1065/BE<br>1440/BNE<br>2974/BANZ<br>5094/BE<br>5376/B<br>5997.22/BNE | 946/BE<br>1073/BNEZ<br>2285/B<br>3864/LI<br>5100/BNE<br>5386/BANZ<br>5997.23/LI | 952/B<br>1076/B<br>2930/BNE<br>5035/BNE<br>5118/B<br>5409/B |
| FINFLG  | 149/DEF  | 508/MTW   | 2496/LW  | 2500/MTW   | 3479/STW   | 6793-DATA   |   |
| FINOUT  | 2597-EQU   | 3877/BAZ  |  |  |  |   |   |
| FINWRT  | 1900/BAL   | 2607-EQU  | 4905/B   |  |  |   |   |
| FIPRI   | 124/DEF  | 2279/LI   | 5028/AI  | 5359/LI  | 6085-EQU   |   |   |
| FLAGS   | 150/DEF<br>1915/STS<br>3036/LW<br>3718/LW                                    | 430/STW<br>1935/STS<br>3217/LW<br>3858/LW                                 | 701/STW<br>2428/AND<br>3514/STW<br>3869/LW                                       | 1589/STW<br>2490/LW<br>3589/STS<br>3927/LW   | 1631/STS<br>2493/LW<br>3597/STS<br>4302/STS                                    | 1637/LW<br>2505/LW<br>3657/LW<br>4687/STW                                       | 1748/STW<br>2524/LW<br>3681/LW<br>6796-DAT                  |
| FLD     | 1591/STD<br>2983/STW<br>4361/LW  | 1615/LD<br>2984/STW<br>4404/LW  | 1858/LW<br>3051/LH<br>6361/DATA  | 2115/LW<br>3113/LD<br>6968-TEXT  | 2372/LH<br>3129/LI   | 2863/CW<br>3132/STB   | 2981/LI<br>3212/LD  |
| FLG     | 2342/STW<br>6974-EQU   | 2392/AND  | 2396/AND   | 3572/CS  | 3574/CW  | 3580/CW   | 3596/LW   |
| FLINK   | 1684/LW  | 4183/STW  | 6797-DATA  |  |  |   |   |
| FLKBIT  | 579/LI   | 6502-EQU  | 6512/DATA  |  |  |   |   |

|        |           |             |             |          |          |            |
|--------|-----------|-------------|-------------|----------|----------|------------|
| FLUSHX | 5997.16/B | 5997.18/BLB | 5997.26-EQU |          |          |            |
| FMSBIT | 2529/LI   | 2622/AI     | 2668/AI     | 4127/LI  | 6511-EQU |            |
| F0H1   | 1673/BNEZ | 2489-EQU    |             |          |          |            |
| F0PRI  | 1397/LI   | 1423/LI     | 2926/LI     | 2961/LI  | 5082/LI  | 5997.14/LI |
| F0RCE  | 2731-EQU  | 2893/BAL    |             |          |          |            |
| F0RMS  | 1863/BAL  | 5302/BAL    | 5322-EQU    |          |          |            |
| F0RM1  | 5325/BANZ | 5328/BE     | 5331-EQU    |          |          |            |
| F0UND  | 4378/BE   | 4382-EQU    |             |          |          |            |
| F0VLX  | 5615/STW  | 5616/STW    | 7067-EQU    |          |          |            |
| F00    | 2495/BAZ  | 2499-EQU    |             |          |          |            |
| F01    | 177/DEF   | 2504/BANZ   | 2507/BAZ    | 2520-EQU |          |            |
| F02    | 2526/BAZ  | 2532/BEZ    | 2560-EQU    |          |          |            |
| F04    | 2567/BAZ  | 2573-EQU    |             |          |          |            |
| F05    | 2562/BANZ | 2569/BANZ   | 2572/B      | 2577-EQU |          |            |
| F06    | 2579/BAZ  | 2596-PLW    |             |          |          |            |
| F07    | 2600/BAZ  | 2605-EQU    |             |          |          |            |
| FRBIT  | 6423-EQU  |             |             |          |          |            |
| FRECK  | 5160/BAL  | 5179-EQU    | 5218/BAL    |          |          |            |
| FREI   |           |             |             |          |          |            |

|        |                      |                      |                     |                      |           |          |                       |
|--------|----------------------|----------------------|---------------------|----------------------|-----------|----------|-----------------------|
|        | 125/DEF<br>1549/LI   | 501/LI<br>6092=EQU   | 957/LI              | 1021/LI              | 1233/LI   | 1462/LI  | 1542/CI <sup>22</sup> |
| FREB   | 126/DEF              | 873/LI               | 1007/LI             | 1155/LI              | 1281/LI   | 4547/LI  | 6093=EQU              |
| FREPG  | 3703/CAL1            | 4509/CAL1            | 5183/CAL1           | 6004=GEN             |           |          |                       |
| FRE256 | 98/DEF               | 3486/B               | 4497=EQU            | 4682/BAL             |           |          |                       |
| FRMCK  | 1029/STW<br>4124/STW | 1072/MTW<br>4132/STW | 1183/MTW<br>4136/LW | 1184/LW<br>6794=DATA | 4067/STW  | 4087/STW | 4089/LW               |
| FRMM   | 1191/STD             | 1192/LI              | 6929=TEXTC          |                      |           |          |                       |
| FRMMX  | 1190/AW              | 6057=DATA            |                     |                      |           |          |                       |
| FRMNM  | 1075/STW             | 2625/LW              | 6036=DATA           | 6795=DATA            |           |          |                       |
| FRMX   | 2253/STW             | 7010=EQU             |                     |                      |           |          |                       |
| FRSTPG | 4472/LW              | 4493/MTW             | 4495/STW            | 4498/SW              | 6799=DATA |          |                       |
| FSID2  | 2933/BE              | 2936=MTW             |                     |                      |           |          |                       |
| FSID3  | 2928/B               | 2940=EQU             |                     |                      |           |          |                       |
| FSID4  | 2946=EQU             | 3065/B               | 3070/B              |                      |           |          |                       |
| FSID6  | 2948=EQU             | 2957/B               |                     |                      |           |          |                       |
| FSID7  | 2945/BEZ             | 2955=EQU             | 3069/B              | 3079/R               |           |          |                       |
| FVP    | 1129/CAL1            | 3711/CAL1            | 3832/CAL1           | 4781/CAL1            | 6008=GEN  |          |                       |
| FXSYM  | 4742/BNEZ            | 4749=EQU             |                     |                      |           |          |                       |
| FOB2   | 5767/LW              | 5779/LW              | 6055=TEXT           |                      |           |          |                       |

|                     |          |            |          |          |          |          |          |
|---------------------|----------|------------|----------|----------|----------|----------|----------|
| F1                  |          | 4512/B     |          |          |          |          |          |
| F1B2                | 4504=ESU |            |          |          |          |          |          |
| F1TBL               | 5544/LW  | 6054=DATA  |          |          |          |          |          |
| F2TBL               | 3630/LH  | 6985=ESU   |          |          |          |          |          |
| GBG                 | 3644/LH  | 6986=ESU   |          |          |          |          |          |
| GDA                 | 196/REF  | 4656/BAL   |          |          |          |          |          |
| GDEL                | 504=ESU  | 623/BAL    |          |          |          |          |          |
| GDNNB               | 1027/BE  | 1222=ESU   |          |          |          |          |          |
| GEBC                | 2296=BDR | 2299/BANZ  | 2301/BEZ | 2304/BNE | 2418/BDR | 2422/BDR | 4133/BDR |
| GEBCR               | 1726/BAL | 2171=ESU   |          |          |          |          |          |
| GEBCX               | 1722=ESU | 1773/BAL   |          |          |          |          |          |
| GETFLD              | 1731/BEZ | 1735=ESU   |          |          |          |          |          |
| GETSER              | 1857/BAL | 2112/BAL   | 2371/BAL | 2861/BAL | 2980=ESU | 3050/BAL | 3111/BAL |
| GETUSER#            | 3130/BAL | 3211/BAL   | 4360/BAL | 4403/BAL |          |          |          |
| GET <sup>2</sup> 56 | 4387/BGE | 4393=ESU   |          |          |          |          |          |
| GFCSTRT             | 196/REF  | 2071/BAL   |          |          |          |          |          |
| GFXP                | 97/DEF   | 526/BAL    | 2713/BAL | 4467=ESU |          |          |          |
| GGRAN               | 337*17=B | 337*48/ESU |          |          |          |          |          |
|                     | 2681/LI  | 6872=DATA  |          |          |          |          |          |
|                     | 779/BAL  | 4578/BAL   | 4592/BAL | 4653=ESU | 4659/B   |          |          |

|          |           |           |          |         |        |
|----------|-----------|-----------|----------|---------|--------|
| GIFNC    | 337+26/B  | 852= EQU  |          |         |        |
| GINCC    | 874= EQU  | 958/B     |          |         |        |
| GINCD    | 900/B     | 5348= EQU |          |         |        |
| GINCDO   | 855/BNEZ  | 892= EQU  |          |         |        |
| GINCD1   | 902= EQU  | 5499/BE   |          |         |        |
| GINCG1   | 947/BL    | 954= EQU  |          |         |        |
| GINCG8   | 872= EQU  | 949/BE    | 951/BAZ  |         |        |
| GINCSPI1 | 924= EQU  | 933/B     |          |         |        |
| GINCSPI2 | 921/BLE   | 931= EQU  |          |         |        |
| GINCSPO  | 894/BNE   | 911= EQU  |          |         |        |
| GINCSP1  | 928/BGE   | 930/B     | 934= EQU |         |        |
| GINCWMF  | 4629/BNE  | 4637= EQU |          |         |        |
| GINC1    | 856= EQU  | 909/B     | 913/BEZ  | 915/BEZ | 923/BG |
| GJOB     | 3673/LD   | 6992= EQU |          |         |        |
| GMB      | 196/REF   | 4019/BAL  |          |         |        |
| G8F      | 337+25/B  | 1025= EQU | 1248/LI  |         |        |
| G8FF     | 1071= EQU | 1084/BNE  | 1087/BNE |         |        |
| G8FG8    | 1091/BAZ  | 1136= EQU |          |         |        |
| G8FG8T   |           |           |          |         |        |

|          |           |           |          |           |         |
|----------|-----------|-----------|----------|-----------|---------|
|          | 1070/BE   | 1077-EQU  |          |           |         |
| G0FG0TIT | 1079/BNE  | 1081/BEZ  | 1088-EQU |           |         |
| G0FGSW   | 1130-EQU  |           |          |           |         |
| G0FRFM   | 1187/BCR  | 1235-EQU  |          |           |         |
| G0F1     | 1045/B    | 1047/BL E | 1182-EQU |           |         |
| G0F2     | 1146/BEZ  | 1154-EQU  | 1232/BG  | 1234/B    |         |
| G0F3     | 1163-EQU  | 1213/BCS  | 1214/LI  |           |         |
| G0F4     | 1039/BCS  | 1043-EQU  |          |           |         |
| G0F5     | 1185/BEZ  | 1210-EQU  |          |           |         |
| G0F6     | 1208-LW   | 1225/BEZ  | 1245/BNE | 1247/BNEZ | 2630/LI |
| G0TTAIL  | 4722/BEZ  | 4724/BEZ  | 4727-EQU | 4735/B    |         |
| GRBPG    | 3691-EQU  | 3704/B    |          |           |         |
| GRBPGR   | 3683/BANZ | 3687-EQU  |          |           |         |
| GRNLMS   | 1320/CW   | 6126-EQU  |          |           |         |
| GRNX     | 5586/STW  | 7063-EQU  |          |           |         |
| GRNX1    | 5587/STW  | 7064-EQU  |          |           |         |
| GRPG1    | 3695/BEZ  | 3701-EQU  |          |           |         |
| GS1      | 4395-EQU  | 4426/LI   |          |           |         |
| GTDBT    | 2656-CB   | 2660/BDR  |          |           |         |

|          |           |           |           |           |          |          |
|----------|-----------|-----------|-----------|-----------|----------|----------|
| GTDVNM   | 2254/BAL  | 2289-EQU  | 2413/BAL  |           |          |          |
| GTDVNM1  | 2291-EQU  | 4128/BAL  | 5561/BAL  |           |          |          |
| GTDVX    | 2375/BAL  | 2637/BAL  | 3068/BAL  | 3078/BAL  | 3081-EQU | 4925/BAL |
| GTDVXX   | 3085-EQU  | 3089/BEZ  | 3091/BNE  |           |          |          |
| GTPG     | 259/CAL1  | 3702/CAL1 | 4489/CAL1 | 5124/CAL1 | 6009-GEN |          |
| GTT1     | 4729/BAZ  | 4733/BEZ  | 4736-EQU  | 4748/B    |          |          |
| G1       | 4475-EQU  | 4480/B    |           |           |          |          |
| G2       | 4477/BANZ | 4481-EQU  |           |           |          |          |
| G3       | 4483-EQU  | 4494/BNEZ | 4496/B    |           |          |          |
| G4       | 4471/BEZ  | 4488-EQU  |           |           |          |          |
| H\$CMP1  | 234/SREF  | 5963/BAL  |           |           |          |          |
| H\$LCL   | 5845/LI   | 5886-EQU  |           |           |          |          |
| H\$L1    | 5893/BCS  | 5899-EQU  |           |           |          |          |
| H\$L2    | 5898/B    | 5903-EQU  |           |           |          |          |
| H\$L3    | 5896/BE   | 5902/BCS  | 5905-EQU  |           |          |          |
| H\$L4    | 5959-EQU  | 5969/BNE  |           |           |          |          |
| H\$STCXT | 3720/BAZ  | 3746-EQU  |           |           |          |          |
| H\$STRT  | 3771/B    | 3822/B    | 3825-EQU  |           |          |          |
| H\$STRT1 |           |           |           |           |          |          |

|           |           |           |            |          |          |          |           |
|-----------|-----------|-----------|------------|----------|----------|----------|-----------|
| H\$STR12  | 3769/BANZ | 3772=EQW  |            |          |          |          |           |
| H\$S3     | 3767/BAZ  | 3823=EQW  |            |          |          |          |           |
| H\$S4     | 3788/BEZ  | 3791=MBB  |            |          |          |          |           |
| HA\$SSSBT | 3784/B    | 3796=EQW  |            |          |          |          |           |
| HALBIT    | 1780/CW   | 6456=DATA |            |          |          |          |           |
| HARIDBT   | 1424/LI   | 1931/LI   | 1934/LI    | 2439/LI  | 5111/LI  | 6436=EQW |           |
| HASPB1T   | 229/SREF  | 6078/GEN  |            |          |          |          |           |
|           | 1132/LW   | 1306/AW   | 1790/CW    | 1878/CW  | 1890/CW  | 2092/CW  | 2386/LW   |
|           | 2427/LW   | 2494/CW   | 2503/CW    | 2746/LW  | 3072/CW  | 3528/CW  | 3658/CW   |
|           | 4728/CW   | 4794/CW   | 4808/CW    | 4815/SW  | 5078/AND | 5149/LW  | 6448=DATA |
| HASPCU    | 206/SREF  | 6031/DATA |            |          |          |          |           |
| HASPI0    | 206/SREF  | 6030/DATA |            |          |          |          |           |
| HBB       | 3755/STW  | 6467=EQW  |            |          |          |          |           |
| HCHK      | 2388/BE   | 2391/BAZ  | 2395=EQW   |          |          |          |           |
| HDR       | 1608/LI   | 2761/CI   | 6938=TEXTC | 6947/EQU | 6948/EQU | 6949/EQU | 6950/EQU  |
| HDRM      | 6013/GEN  | 6950=EQW  |            |          |          |          |           |
| HDR1      | 1600/STD  | 6947=EQW  |            |          |          |          |           |
| HDR2      | 1603/STW  | 6948=EQW  |            |          |          |          |           |
| HDR3      | 1598/STD  | 6949=EQW  |            |          |          |          |           |
| HEXC      | 104/DEF   | 627/BAL   | 822/BAL    | 2269/BAL | 3152/BAL | 3179=EQW | 3233/BAL  |



| HLD     | 4107/BAL  | 4224/BAL   | 5191/BAL | 5535/BAL | 5539/BAL | 5600/BAL | 5773/BAL <sup>28</sup> |
|---------|-----------|------------|----------|----------|----------|----------|------------------------|
| HLDX    | 1490/B    | 1925=EQW   | 4719/B   |          |          |          |                        |
| HLD1    | 5549/STW  | 7057=EQW   |          |          |          |          |                        |
| HNDL    | 1927=LW   | 1943/B     |          |          |          |          |                        |
| H0*DLBT | 3583/LD   | 6029=EQW   |          |          |          |          |                        |
| H0LDBIT | 1428/LW   | 6100=EQW   |          |          |          |          |                        |
| HPB     | 1478/LW   | 2530/LW    | 6101=EQW |          |          |          |                        |
| HRB     | 6466=EQW  |            |          |          |          |          |                        |
| HRSIDOT | 3738/STW  | 3753/STW   | 6468=EQW |          |          |          |                        |
| HSCP1   | 229/SREF  | 6077/GEN   |          |          |          |          |                        |
| HSCP2   | 2808=EQW  | 2829/B     |          |          |          |          |                        |
| HSEIDOT | 2819/BGZ  | 2826=EQW   |          |          |          |          |                        |
| HSPCMP  | 229/SREF  | 6079/GEN   |          |          |          |          |                        |
| HU#5    | 2743/BNEZ | 2748/BNEZ  | 2796=EQW |          |          |          |                        |
| HUBIT   | 4809/BAZ  | 4811/BEZ   | 4817=EQW |          |          |          |                        |
| HUMES   | 6427=EQW  |            |          |          |          |          |                        |
| HU1     | 4819/LI   | 6153=TEXTC |          |          |          |          |                        |
| HU2     | 4689/BAZ  | 4695/BAZ   | 4710=EQW |          |          |          |                        |
|         | 4716/B    | 4720=EQW   |          |          |          |          |                        |

|        |           |            |          |          |          |          |          |
|--------|-----------|------------|----------|----------|----------|----------|----------|
| HU25   |           |            |          |          |          |          |          |
| HU3    | 4712/BEZ  | 4760=EQW   |          |          |          |          |          |
| HU4    | 4762/BAZ  | 4765/BEZ   | 4767/BAZ | 476813/B | 4782/B   | 4784=EQW |          |
| HWB    | 4795/BANZ | 4800=EQW   |          |          |          |          |          |
| IBMBIT | 6469=EQW  |            |          |          |          |          |          |
| IBRM   | 6446=EQW  |            |          |          |          |          |          |
| IBRM1  | 2330/LI   | 6924=TEXTC | 6925/EQU |          |          |          |          |
| IBWM   | 2329/STW  | 6925=EQW   |          |          |          |          |          |
| IBWM1  | 2335/LI   | 6926=TEXTC | 6927/EQU |          |          |          |          |
| ICUM   | 2334/STW  | 6927=EQW   |          |          |          |          |          |
| ICUM1  | 2320/LI   | 6920=TEXTC | 6921/EQU |          |          |          |          |
| ID     | 2319/STW  | 6921=EQW   |          |          |          |          |          |
|        | 1757/LB   | 1763/LD    | 1764/LW  | 1772/LI  | 2649/LH  | 2653/LW  | 2679/LW  |
|        | 3531/LB   | 3535/LB    | 3539/LB  | 3540/LD  | 3548/LD  | 3548/STB | 3557/AI  |
|        | 3882/LB   | 3883/LD    | 4912/STB | 4915/LI  | 6015/GEN | 6017/GEN | 6996=EQW |
| IDCPTR | 4908/LW   | 6015=GEN   |          |          |          |          |          |
| IDPTR  | 1751/LW   | 3520/LW    | 6017=GEN |          |          |          |          |
| IDUBTS | 3120/LW   | 6458=DATA  |          |          |          |          |          |
| IETM   | 2325/LI   | 6922=TEXTC | 6923/EQU |          |          |          |          |
| IETM1  | 2324/STW  | 6923=EQW   |          |          |          |          |          |
| IGBIT  |           |            |          |          |          |          |          |

|         |           |            |           |           |           |           |           |
|---------|-----------|------------|-----------|-----------|-----------|-----------|-----------|
| IGMES   | 2598/LW   | 6435=EQU   |           |           |           |           |           |
| IGTRAPS | 2601/LI   | 6203=TEXTC |           |           |           |           |           |
| IJTYPE  | 260/CAL1  | 6006=GEN   |           |           |           |           |           |
| ILID    | 4383/STW  | 4405/LW    | 6803=RES  |           |           |           |           |
| ILIDM   | 3560/BCS  | 3563/BCR   | 3565/BG   | 3567/B    | 3575/BAZ  | 3577/BAZ  | 3584/BEZ  |
| ILJOBM  | 3907/LI   | 6175=DATA  |           |           |           |           |           |
| INAM    | 3376/LI   | 6147=EQU   |           |           |           |           |           |
| INAM1   | 698/LI    | 6873=TEXTC | 6875/EQU  | 6876/EQU  | 6877/EQU  |           |           |
| INAM2   | 630/STW   | 631/LI     | 6876=EQU  |           |           |           |           |
| INAM3   | 674/STW   | 6877=EQU   |           |           |           |           |           |
| INBIT   | 663/STW   | 664/LI     | 667/STW   | 671/STW   | 6875=EQU  |           |           |
| INC11B  | 1833/LI   | 1898/CI    | 2290/LI   | 2529/LI   | 3641/CI   | 4127/LI   | 5556/LI   |
| INFIL   | 6497=EQU  |            |           |           |           |           |           |
| INITRBG | 1500/B    | 2306=EQU   |           |           |           |           |           |
| INPPTR  | 210/REF   | 1231/CI    | 6730/DATA | 6734/DATA | 6772/DATA | 6777/DATA | 6778/DATA |
| INPTM   | 251=EQU   | 7072/END   |           |           |           |           |           |
| INVRN   | 628/LD    | 6255=DATA  |           |           |           |           |           |
|         | 6199=TEXT | 6255/DATA  |           |           |           |           |           |
|         | 153/DEF   | 6817=EQU   |           |           |           |           |           |

|         |                 |            |          |          |          |        |        |
|---------|-----------------|------------|----------|----------|----------|--------|--------|
| INVRNSZ | 155/DEF         | 6820=EGU   |          |          |          |        |        |
| IOFCN   | 2754/LI         | 6107=EGU   |          |          |          |        |        |
| IRS     | 3733/LI         | 6450=EGU   |          |          |          |        |        |
| ITMM    | 2315/LI         | 6918=TEXTC | 6919/EGU |          |          |        |        |
| ITMM1   | 2312/LI         | 6919=EGU   |          |          |          |        |        |
| JBAB1   | 3468=EGU        |            |          |          |          |        |        |
| JBMS    | 3237/LD         | 6248=EGU   |          |          |          |        |        |
| JDEX    | 5620/STW        | 5621/LI    | 7068=EGU |          |          |        |        |
| JEBIT   | 136/DEF         | 463/LW     | 5639/CW  | 6104=EGU |          |        |        |
| JEDEL   | 337.33/B        | 5234=EGU   |          |          |          |        |        |
| JEFND   | 5237/BAL        | 5260/BAL   | 5272=EGU |          |          |        |        |
| JESTAT  | 337.32/B        | 5257=EGU   |          |          |          |        |        |
| JES1    | 5262/BL         | 5267=EGU   |          |          |          |        |        |
| JEX     | 879/B<br>5278/B | 958.33/B   | 958.44/B | 5244/RNE | 5248=EGU | 5266/B | 5271/B |
| JEX1    | 863/B           | 865/BNE    | 939/B    | 941/BL   | 5246=EGU |        |        |
| JIT     | 223/REF         | 252/LC     |          |          |          |        |        |
| JOBABRT | 3418/BNEZ       | 3451=EGU   |          |          |          |        |        |
| JOBCOM  | 4205/LI         | 6243=EGU   | 6244/EGU |          |          |        |        |

|         |           |            |          |          |         |
|---------|-----------|------------|----------|----------|---------|
| J0BDN   |           |            |          |          |         |
| J0BMP   | 3284/BCS  | 3292=EGU   |          |          |         |
| J0BMT   | 6198=TEXT | 6253/DATA  |          |          |         |
| KBCST   | 6197=TEXT | 6251/DATA  |          |          |         |
| KBHD    | 337.37/B  | 4834=EGU   |          |          |         |
| KBH1    | 4846/BL   | 4867=EGU   |          |          |         |
| KBH2    | 4843=EGU  | 4848/BEZ   | 4850/BEZ | 4852/BAZ | 4865/LI |
| KCOM    | 4854/BNEZ | 4863=EGU   |          |          |         |
| KCOMEM  | 337.35/B  | 4907=EGU   |          |          |         |
| KCOMERR | 4952/LI   | 6151=TEXTC |          |          |         |
| KCOMMM  | 4914/BAZ  | 4926/B     | 4951=EGU |          |         |
| KCOMX   | 4932=EGU  |            |          |          |         |
| KDAL    | 4917/BEZ  | 4920/BAZ   | 4923=EGU |          |         |
| KDALB1  | 5349/LI   | 5410=EGU   |          |          |         |
| KDALBUT | 5420/LI   | 5439=EGU   |          |          |         |
| KDALBU1 | 5451/B    | 5467/BAL   | 5474/BAL | 5690=EGU |         |
| KDALO1  | 5692/BEZ  | 5709=EGU   |          |          |         |
| KDAL1   | 5417/BNEZ | 5445=EGU   |          |          |         |
| KDAL2   | 5415/BNEZ | 5452=EGU   |          |          |         |

|          |           |           |           |          |          |
|----------|-----------|-----------|-----------|----------|----------|
| KDAL25   | 5450/LI   | 5454/BG   | 5456/BNEZ | 5469-EQU |          |
| KDAL3    | 5472/B    | 5476/BGE  | 5478/BNEZ | 5484/BEZ | 5487-EQU |
| KDAL35   | 5448/BL   | 5457-EQU  |           |          |          |
| KDBI     | 5460/BEZ  | 5465-LI   |           |          |          |
| KDBI01   | 5551/BL   | 5627-EQU  |           |          |          |
| KDBI1    | 5637/BNEZ | 5643-EQU  |           |          |          |
| KDBI2    | 5654-EQU  | 5664/BDR  |           |          |          |
| KDBI3    | 5681-EQU  | 5688/BDR  |           |          |          |
| KDBI35   | 5553/BEZ  | 5564-EQU  |           |          |          |
| KDBI4    | 5555/B    | 5562-LI   |           |          |          |
| KDBI45   | 5563/B    | 5567-EQU  |           |          |          |
| KDBI5    | 5604/BEZ  | 5606/BNEZ | 5609/BNF  | 5622-EQU | 5689/B   |
| KDBLDMES | 5530/BL   | 5531/BG   | 5534-EQU  |          |          |
| KDEL     | 5397/BAL  | 5473/BAL  | 5521-EQU  |          |          |
| KDISF    | 337+29/B  | 5011-EQU  |           |          |          |
| KDISP    | 5351-EQU  | 5360/B    | 5371/BAL  |          |          |
| KDM01    | 337+31/B  | 5339-EQU  |           |          |          |
| KDNR     | 5400/BNEZ | 5405-EQU  |           |          |          |
|          | 5347/B    | 5355-EQU  |           |          |          |

|                     |          |             |                       |          |
|---------------------|----------|-------------|-----------------------|----------|
| KDNR <sub>1</sub>   |          |             |                       |          |
| KD8DG               | 5356/LI  | 5383-EQU    |                       |          |
| KD8PMES             | 5575/BLE | 5579-EQU    |                       |          |
| KD8UP               | 5367/BG  | 5369/B      | 5377/B                | 5388-EQU |
| KDR                 | 5345/B   | 5370-EQU    |                       |          |
| KDSETM              | 5039/BNE | 5366/BE     | 5378-EQU              |          |
| KDSPDN              | 265-EQU  |             |                       |          |
| KDSPDN <sub>1</sub> | 5353/B   | 5373/BLE    | 549 <sub>0</sub> -EQU |          |
| KDST <sub>1</sub>   | 5495/BEZ | 5505-EQU    |                       |          |
| KDSY                | 267/BNEZ | 272-EQU     |                       |          |
| KDSYMB              | 5342/LI  | 5361-EQU    |                       |          |
| KDSYM <sub>1</sub>  | 5346/B   | 5753-EQU    |                       |          |
| KDSYM <sub>2</sub>  | 5756-EQU | 5802/B      |                       |          |
| KDSYM <sub>3</sub>  | 5776/BEZ | 5786-EQU    |                       |          |
| KEY                 | 5760/BEZ | 5800-EQU    |                       |          |
| KFED                | 3835/LD  | 6975-EQU    |                       |          |
| KFFRM               | 5303/B   | 5306-EQU    |                       |          |
| KFLUSH              | 337.44/B | 4968-EQU    |                       |          |
| KFND                | 337.47/B | 5997.11-EQU |                       |          |

|        |           |          |             |           |          |          |          |
|--------|-----------|----------|-------------|-----------|----------|----------|----------|
| KFORM  | 4970/BAL  | 4983/BAL | 5013-EQU    |           |          |          |          |
|        | 337.30/B  | 5289-EQU |             |           |          |          |          |
| KF1    | 5043/BG   | 5048-EQU |             |           |          |          |          |
| KF2    | 5050/BEZ  | 5053-LI  |             |           |          |          |          |
| KF3    | 5023/B    | 5030-EQU |             |           |          |          |          |
| KF3B   | 5037/BNE  | 5042-EQU |             |           |          |          |          |
| KF4    | 5019/BNEZ | 5021/BNE | 5024-EQU    |           |          |          |          |
| KMES   | 4837/BAL  | 4872-EQU | 4890/BAL    | 4909/BAL  |          |          |          |
| KNF    | 5033/B    | 5045/BG  | 5185-EQU    |           |          |          |          |
| KNF1   | 4974/BEZ  | 5188-AI  | 5507/BGZ    |           |          |          |          |
| KNF2   | 5189-AI   | 5382/B   |             |           |          |          |          |
| KNF2A  | 5380-EQU  |          |             |           |          |          |          |
| KNF3   | 5164/B    | 5193-EQU | 5221/B      |           |          |          |          |
| KOMP   | 764/LW    | 819/STW  | 1289/STW    | 2742/MTW  | 4264/MTW | 4930/STW | 4939/STW |
|        | 6800-DATA |          |             |           |          |          |          |
| KOSTOP | 337.45/B  | 5989-EQU | 5997.30/BNE | 5997.33/B |          |          |          |
| KPRI0  | 337.28/B  | 4982-EQU | 5038/CI     |           |          |          |          |
| KSBR   | 5137/B    | 5138/B   | 5216-EQU    |           |          |          |          |
| KSBR1  | 5122/LI   | 5218-BAL |             |           |          |          |          |
| KSEND  |           |          |             |           |          |          |          |



|          |           |          |           |           |           |           |        |
|----------|-----------|----------|-----------|-----------|-----------|-----------|--------|
|          | 337+36/B  | 4888=EQV |           |           |           |           |        |
| KSW#     | 5061/STW  | 5117/MTW | 5161/LW   | 6814=DATA |           |           |        |
| KSWDN    | 5084/B    | 5086/BLE | 5159=EQV  |           |           |           |        |
| KSWFLG   | 5120/LW   | 5125/STW | 5132/LW   | 5181/XW   | 6383/PZE* | 6815=DATA |        |
| KSWG0    | 5102/BNEZ | 5105=LW  | 5153/BNEZ |           |           |           |        |
| KSWG01   | 5104/BNE  | 5107=LW  | 5154/B    |           |           |           |        |
| KSWIT    | 337+34/B  | 5055=EQV |           |           |           |           |        |
| KSWR     | 5096/BNEZ | 5119=EQV |           |           |           |           |        |
| KSWR1    | 5130/BE   | 5135/LI  | 5140=EQV  |           |           |           |        |
| KSWR2    | 5121/BNEZ | 5129=CB  |           |           |           |           |        |
| KSW1     | 5068/B    | 5155=EQV |           |           |           |           |        |
| KSW2     | 5069=EQV  | 5158/B   |           |           |           |           |        |
| L\$HSP   | 5836/LI   | 5924=EQV |           |           |           |           |        |
| L\$H2    | 5936/BNE  | 5943=EQV |           |           |           |           |        |
| L\$H3    | 5942/B    | 5946/BE  | 5948=EQV  |           |           |           |        |
| L\$RBT   | 5840/LI   | 5862=EQV | 5923/B    |           |           |           |        |
| LASTCHNK | 5992/0R   | 6082=EQV |           |           |           |           |        |
| LCLCTR1  | 4975/B    | 5285=EQV | 5758/B LF |           |           |           |        |
| LCLX     | 203/REF   | 461/LI   | 531/LI    | 748/LI    | 826/LI    | 899/LI    | 903/LI |

|        | 1368/LI   | 2387/CI    | 2450/CI   | 2744/CI   | 2831/CI   | 2913/CI | 3112/LI |
|--------|-----------|------------|-----------|-----------|-----------|---------|---------|
|        | 3215/CI   | 3275/CI    | 3348/CI   | 3374/CI   | 3443/CI   | 3471/CI | 4135/LI |
|        | 4138/LI   | 4207/CI    | 4552/CI   | 4641/CI   | 4835/LI   | 4868/LI | 4929/LI |
|        | 5014/LI   | 5065/LI    | 5156/CI   | 5255/LI   | 5286/LI   | 5304/LI | 5340/LI |
|        | 5379/LI   | 5444/LI    | 5491/LI   | 5625/LI   |           |         |         |
| LGN    |           |            |           |           |           |         |         |
| LGNFCN | 3781/LW   | 3783/LI    | 6994= EQU |           |           |         |         |
| LGNMSK | 6073= EQU | 6075/GEN   |           |           |           |         |         |
| LIMIT1 | 4046/LW   | 6075= GEN  |           |           |           |         |         |
| LIMIT2 | 3343/CW   | 6044= TEXT |           |           |           |         |         |
| LIPBIT | 3346/CW   | 6045= TEXT |           |           |           |         |         |
| LOCBIT | 3762/LI   | 4688/CI    | 4800.1/CI | 6424= EQU |           |         |         |
| LOCK   | 2026/CI   | 4127/LI    | 6500= EQU | 6503/DATA | 6505/DATA |         |         |
| LOFBIT | 1802= EQU |            |           |           |           |         |         |
| LP     | 1913/LI   | 2005/LI    | 2578/CI   | 2595/AI   | 6438= EQU |         |         |
| LPART  | 4293= EQU | 6346/DATA  |           |           |           |         |         |
| LRRCVR | 238/REF   | 3489/LI    |           |           |           |         |         |
| LRRD   | 209/REF   | 3517/BNEZ  |           |           |           |         |         |
| LRR1   | 3860/B    | 3866= EQU  |           |           |           |         |         |
| LRR10  | 3686/B    | 3834= EQU  |           |           |           |         |         |
| LRR2   | 3745/B    | 3831= EQU  |           |           |           |         |         |
|        | 429/LI    | 3569= EQU  |           |           |           |         |         |

|         |                       |                          |                        |                         |                         |          |          |
|---------|-----------------------|--------------------------|------------------------|-------------------------|-------------------------|----------|----------|
| LRR3    | 3543/B                | 3546-EQU                 | 3886/B                 |                         |                         |          |          |
| LRR4    | 3529/BAZ              | 3544-EQU                 |                        |                         |                         |          |          |
| LRR5    | 3551/BE               | 3556-EQU                 |                        |                         |                         |          |          |
| LRR9    | 3573/BE               | 3590-EQU                 |                        |                         |                         |          |          |
| LSTSECT | 181/DEF               | 1688/B                   | 1744-LI                | 3221/LI                 | 3472/BNE                |          |          |
| LTYFCN  | 4003/LW               | 6069-GEN                 |                        |                         |                         |          |          |
| MIXX    | 208/REF<br>6386-1/GEN | 958-52/LH<br>6386-15/GEN | 3172/CW<br>6386-27/GEN | 6351/GEN<br>6386-31/GEN | 6355/GEN<br>6386-35/GEN | 6363/GEN | 6379/GEN |
| MAFCN   | 3770/LW               | 6077-GEN                 |                        |                         |                         |          |          |
| MARKERR | 2487/B                | 2871/BAL                 | 2880-EQU               | 2951/BAL                | 3373/BAL                |          |          |
| MAXBQ   | 211/REF               | 4012/LI                  | 4014/AI                |                         |                         |          |          |
| MBS     | 196/REF               | 3450/B                   | 5284/BAL               |                         |                         |          |          |
| MBSCALL | 337-27/B              | 5283-EQU                 |                        |                         |                         |          |          |
| MBSOP   | 196/REF               | 3422/BAL                 |                        |                         |                         |          |          |
| MFBIT   | 1544/LW               | 4525/LW                  | 6098-EQU               |                         |                         |          |          |
| MFCK1   | 2716-EQU              | 2736/B                   |                        |                         |                         |          |          |
| MFCK2   | 2712/BNEZ             | 2725-EQU                 |                        |                         |                         |          |          |
| MFFS    | 1547/MTW              | 4526/MTW                 | 4528/MTW               | 6824-DATA               |                         |          |          |
| MFPRI   | 1037/LI               | 2539/LI                  | 4638/LI                | 4713/LI                 | 4717/CI                 | 4936/LI  | 5028/AI  |

|         |          |           |           |          |          |          |          |
|---------|----------|-----------|-----------|----------|----------|----------|----------|
| MFS     | 5029/AI  | 5258/LI   | 5529/CI   | 6089-EQU |          |          |          |
|         | 210/REF  | 6824/DATA |           |          |          |          |          |
| MKER1   | 2887/BEZ | 2901-MTW  |           |          |          |          |          |
| MKMES   | 2903/LB  | 6296-EQU  |           |          |          |          |          |
| ML*CTL  | 214/SREF | 3764/LI   | 4838/LI   |          |          |          |          |
| MNFCN   | 3824/LW  | 6078-GEN  |           |          |          |          |          |
| MNTBL   | 6989-EQU |           |           |          |          |          |          |
| MNT1    | 4356-EQU |           |           |          |          |          |          |
| MORBIT  | 6425-EQU |           |           |          |          |          |          |
| MOUNT   | 4354-EQU | 4440/BCR  | 6412/DATA |          |          |          |          |
| MOVECC  | 1624/BAL | 1668/BAL  | 1872/BAL  | 1909/BAL | 2781-EQU | 2885/BAL | 3350/BAL |
|         | 4412/BAL | 4456/BAL  |           |          |          |          |          |
| MOVEMES | 99/DEF   | 699/BAL   | 1609/BAL  | 1670/BAL | 1743/BAL | 1875/B   | 1999/BAL |
|         | 2047/B   | 2223/BAL  | 2271/BAL  | 2316/BAL | 2321/BAL | 2326/BAL | 2331/BAL |
|         | 2337/B   | 2571/BAL  | 2594/BAL  | 2602/BAL | 2615/BAL | 2703-EQU | 2900/BAL |
|         | 2905/BAL | 3222/B    | 3296/BAL  | 3412/BAL | 3446/BAL | 3470/BAL | 3844/BAL |
|         | 4229/BAL | 4255/BAL  | 4416/B    | 4459/BAL | 4864/BAL | 4902/BAL | 4931/BAL |
|         | 5712/B   | 5752/B    |           |          |          |          |          |
| MOVE1   | 2709-EQU | 2795/B    |           |          |          |          |          |
| MOVE15  | 2715/LI  | 2729/BGE  | 2730/LI   | 2737-EQU |          |          |          |
| MOVE17  | 2745/BE  | 2749-EQU  |           |          |          |          |          |
| MOVE2   | 2751/LI  | 2770-EQU  |           |          |          |          |          |

|        |            |            |           |          |          |         |          |
|--------|------------|------------|-----------|----------|----------|---------|----------|
| MOVE3  |            |            |           |          |          |         |          |
|        | 2774= EQU  | 2825/B     |           |          |          |         |          |
| MOVFLD |            |            |           |          |          |         |          |
|        | 2986= EQU  | 3239/BAL   | 3248/BAL  | 3274/BAL | 3291/BAL |         |          |
| MP00L  |            |            |           |          |          |         |          |
|        | 211/REF    | 4006/LW    |           |          |          |         |          |
| MRKD   |            |            |           |          |          |         |          |
|        | 1699/STW   | 1849/LW    | 2881/MTW  | 2895/STW | 2901/MTW | 2918/AW | 3326/MTW |
|        | 6825= DATA |            |           |          |          |         |          |
| MSBSE  |            |            |           |          |          |         |          |
|        | 2904/AI    | 6181= EQU  | 6295/SET  |          |          |         |          |
| MSFLG  |            |            |           |          |          |         |          |
|        | 897/MTW    | 5399/LW    | 5404/MTW  | 5414/LW  | 5446/MTW | 5455/LB | 5468/MTB |
|        | 5494/XW    | 6826= DATA |           |          |          |         |          |
| MSG    |            |            |           |          |          |         |          |
|        | 1920/B     | 2165= EQU  | 3872/BAL  |          |          |         |          |
| MSG01  |            |            |           |          |          |         |          |
|        | 1661/B     | 2175= EQU  |           |          |          |         |          |
| MSG1   |            |            |           |          |          |         |          |
|        | 1658/LI    | 2170/LI    | 2182= EQU |          |          |         |          |
| MSG11  |            |            |           |          |          |         |          |
|        | 2184/BLE   | 2192/B     | 2195= EQU |          |          |         |          |
| MSKG   |            |            |           |          |          |         |          |
|        | 305/AND    | 6463= DATA |           |          |          |         |          |
| MSKH   |            |            |           |          |          |         |          |
|        | 304/AND    | 6462= DATA |           |          |          |         |          |
| MSVEC  |            |            |           |          |          |         |          |
|        | 2242/LW    | 2246/LCW   | 6286= EQU |          |          |         |          |
| MVCC1  |            |            |           |          |          |         |          |
|        | 2787/BEZ   | 2792= EQU  |           |          |          |         |          |
| MVREC  |            |            |           |          |          |         |          |
|        | 236/SREF   | 5904/LI    |           |          |          |         |          |
| MVSET  |            |            |           |          |          |         |          |
|        | 2752= EQU  | 2801/BAL   |           |          |          |         |          |
| MVSET1 |            |            |           |          |          |         |          |
|        | 2762/BE    | 2764/BE    | 2767= EQU |          |          |         |          |
| MXPRI  |            |            |           |          |          |         |          |

|         |           |           |          |          |          |          |          |
|---------|-----------|-----------|----------|----------|----------|----------|----------|
|         | 3592/LB   | 6976=EQU  |          |          |          |          |          |
| MXSTRM  | 216/REF   | 2009/LI   | 2293/LI  | 2655/LI  | 3082/LI  | 4075/CI  | 5757/CI  |
| MXTBL   | 3621/LB   | 6988=EQU  |          |          |          |          |          |
| M15     | 222/REF   | 3655/AND  |          |          |          |          |          |
| M16     | 198/REF   | 926/AND   | 1332/AND | 3787/AND | 4223/AND | 5568/AND | 5573/AND |
|         | 5725/AND  | 5734/AND  |          |          |          |          |          |
| M24     | 198/REF   | 1227/AND  | 1292/AND | 4167/AND | 5249/AND | 5425/AND | 5957/AND |
| M5      | 216/REF   | 1309/AND  |          |          |          |          |          |
| M7      | 199/REF   | 3397/AND  | 4028/AND | 5659/AND |          |          |          |
| M8      | 198/REF   | 1189/AND  | 1529/AND | 2654/AND | 3894/AND | 5497/AND |          |
| NALGBT  | 3874/AND  | 6457=DATA |          |          |          |          |          |
| NALGBT  | 1177/AND  | 6506=DATA |          |          |          |          |          |
| NBKSBIT | 6496=DATA |           |          |          |          |          |          |
| NBMSK   | 1949/LI   | 2104/LI   | 2166/LI  | 2345/LI  | 2358/LI  | 2362/LI  | 2380/LI  |
|         | 3013/LI   | 3039/LI   | 3096/LI  | 3102/LI  | 3203/LI  | 3558/LI  | 6119=EQU |
| NBPMSK  | 3254/LI   | 4427/LI   | 4438/LI  | 6123=EQU |          |          |          |
| NCIPRI  | 127/DEF   | 576/LI    | 861/LI   | 864/CI   | 4634/LI  | 5022/LI  | 5350/LI  |
|         | 5557/CI   | 6090=EQU  |          |          |          |          |          |
| NCTRBIT | 2606/AND  | 6461=DATA |          |          |          |          |          |
| NDMSK   | 2133/LI   | 6121=EQU  |          |          |          |          |          |
| NEWBAN  |           |           |          |          |          |          |          |

|           |           |             |            |           |         |         |           |  |
|-----------|-----------|-------------|------------|-----------|---------|---------|-----------|--|
|           | 755= EQU  | 832/B       |            |           |         |         |           |  |
| NEWQ      | 197/REF   | 4175/BAL    | 4615/BAL   | 5885/B    |         |         |           |  |
| NEWQNW    | 197/REF   | 3829/BAL    | 4040/BAL   |           |         |         |           |  |
| NJMES     | 1742/LI   | 6146/EQU    | 6208=TEXTC |           |         |         |           |  |
| NLOCBT    | 1817/AND  | 6505=DATA   |            |           |         |         |           |  |
| NMTBL     | 2458/CH   | 2461/CH     | 3614/LH    | 6983= EQU |         |         |           |  |
| NNMSK     | 2348/LI   | 2366/LI     | 3206/LI    | 3243/LI   | 3286/LI | 3541/LI | 6122= EQU |  |
| NO\$JOB   | 532/LI    | 4147= EQU   |            |           |         |         |           |  |
| NO\$STRM  | 3603/BEZ  | 3948= EQU   | 3989/B     |           |         |         |           |  |
| NO\$STRM1 | 3690/BNEZ | 3966= EQU   |            |           |         |         |           |  |
| NO\$STRM5 | 3608/B    | 3983= EQU   |            |           |         |         |           |  |
| NOBRST    | 4208/BNE  | 4213= EQU   |            |           |         |         |           |  |
| NODIS     | 5508/LI   | 6517= TEXTC |            |           |         |         |           |  |
| NOEM      | 4304= EQU | 6347/DATA   |            |           |         |         |           |  |
| NOJOBM    | 4148/LI   | 6146= EQU   |            |           |         |         |           |  |
| NOLGGM    | 3912/LI   | 6148= TEXTC |            |           |         |         |           |  |
| NOMORE    | 4411/BNEZ | 4417= EQU   |            |           |         |         |           |  |
| NONEX     | 5188/AI   | 6898= TEXTC |            |           |         |         |           |  |
| NO0MSZ    | 268/LI    | 7032.1= EQU |            |           |         |         |           |  |

|          |           |            |          |          |
|----------|-----------|------------|----------|----------|
| NORBBVR  | 958.48/BE | 958.57=EQU |          |          |
| NORDR    | 4344=EQU  | 6410/DATA  |          |          |
| NOSERM   | 4413/LI   | 6193=TEXTC |          |          |
| NOSH     | 3394/BEZ  | 3416=EQU   |          |          |
| NOSLM    | 4529/LI   | 6194=TEXTC |          |          |
| NOSTAT   | 1998/AI   | 6211=TEXTC |          |          |
| NOSYS    | 3220/LI   | 6202=TEXTC |          |          |
| NOTGOING | 5991/BEZ  | 5995=LI    |          |          |
| NOTID    | 3533/BNE  | 3537/BNE   | 3555/BNE | 3903=EQU |
| NOTIDM   | 3904/LI   | 6169=DATA  |          |          |
| NOOUT    | 5865/BAZ  | 5867/BGE   | 5882=EQU | 5926/BEZ |
| NRMES    | 3427/LI   | 6200=TEXTC |          |          |
| NRRM     | 117/DEF   | 6900=TEXTC | 6901/EQU |          |
| NRRM1    | 118/DEF   | 6901=EQU   |          |          |
| NSTALBT  | 1218/AND  | 6510=DATA  |          |          |
| NSTPBT   | 2553/AND  | 6509=DATA  |          |          |
| NSTRMM   | 3949/LI   | 6154=TEXTC |          |          |
| NSTRRM   | 3981/LI   | 6172=DATA  |          |          |
| NTR      |           |            |          |          |



|         |           |          |          |           |           |           |         |
|---------|-----------|----------|----------|-----------|-----------|-----------|---------|
|         | 2247/STW  | 7002=EGU |          |           |           |           |         |
| NWBAN1  | 761/BNE   | 765/BEZ  | 776=EGU  |           |           |           |         |
| NXMSK   | 1952/LI   | 3019/LI  | 3262/LI  | 6120=EGU  |           |           |         |
| NXTCC   | 1675=EGU  | 3329/BAL | 3335/BE  |           |           |           |         |
| NXTCX   | 1683=EGU  | 1710/BE  |          |           |           |           |         |
| NXTFCN  | 6827=DATA |          |          |           |           |           |         |
| NXTN1   | 1694=EGU  | 1760/BAL |          |           |           |           |         |
| NXTN2   | 1693/LI   | 1703=EGU |          |           |           |           |         |
| NXTON   | 1682/BNE  | 1692=EGU |          |           |           |           |         |
| NXTRBCC | 1664/BE   | 1671=EGU | 1784/B   | 1801/B    | 1812/B    | 1824/B    | 1845/B  |
|         | 1865/B    | 1874/LI  | 1881/B   | 1893/B    | 1894/LI   | 1908/BNEZ | 1910/B  |
|         | 1916/B    | 1919/LI  | 1933/BEZ | 1936/B    | 1962/B    | 1986/LI   | 2013/B  |
|         | 2053/B    | 2097/LI  | 2336/LI  | 2401/B    | 2486/LI   |           |         |
| NXTSID  | 201/REF   | 497/BAL  | 624/BAL  |           |           |           |         |
| NYID    | 2924/STW  | 2934/MTW | 2944/MTW | 6828=DATA |           |           |         |
| OADBIT  | 4692/LI   | 4805/CI  | 4807/AI  | 6429=EGU  |           |           |         |
| OAX     | 5635/STW  | 7059=EGU |          |           |           |           |         |
| OBIBTX  | 228/REF   |          |          |           |           |           |         |
| OCBIT   | 1605/LI   | 1732/LI  | 1896/CI  | 1903/CI   | 2017/CI   | 2611/LI   | 3631/CI |
|         | 4644/LI   | 4840/LI  | 4918/LI  | 6498=EGU  |           |           |         |
| OCCC    | 1635/LW   | 1672/LW  | 1700/STW | 1771/STW  | 6829=DATA |           |         |

|         |                     |                        |           |          |            |          |          |
|---------|---------------------|------------------------|-----------|----------|------------|----------|----------|
| BCDCT   | 194/REF             | 6069/GEN               | 6070/GEN  |          |            |          |          |
| BCIN    | 3760/LW             | 6980=EQU               |           |          |            |          |          |
| BCM1    | 1759=EQU            | 2648/BAZ               | 2651/BG   | 2661/B   | 2664/B     |          |          |
| BCPTYP  | 219/SREF            | 1078/CI                | 5608/CI   |          |            |          |          |
| BCRCB   | 3734/STW            | 3761/STW               | 6475=EQU  |          |            |          |          |
| OFFBIT  | 4807/AI             | 6441=EQU               |           |          |            |          |          |
| BHINM   | 197/REF             | 2475/CH                | 5098/LH   | 5566/LH  |            |          |          |
| BNEMES  | 1241/BAL            | 4897=EQU               | 4922/B    |          |            |          |          |
| BNMES   | 3845/LI             | 6867=TEXTC             |           |          |            |          |          |
| BPBUF   | 3313/AI<br>6258/GEN | 3315/STB<br>6864=TEXTC | 3316/LI   | 6250/GEN | 6252/GEN   | 6254/GEN | 6256/GEN |
| BPDISCM | 2580/LI             | 6152=EQU               |           |          |            |          |          |
| BPMES   | 4860/STB            | 4861/LI                | 4894/STB  | 4895/LI  | 6942=TEXTC | 6945/EQU |          |
| BPMSZ   | 4859/AI             | 4893/AI                | 6946=EQU  |          |            |          |          |
| BPM1    | 6014/GEN            | 6945=EQU               |           |          |            |          |          |
| BPNXX   | 3135/CAL1           | 5126/CAL1              | 6362=EQU  |          |            |          |          |
| BPNXX10 | 958.38/CAL1         | 6386.15=GEN            |           |          |            |          |          |
| BPNXX8  | 958.59/CAL1         | 6386.1=GEN             |           |          |            |          |          |
| BPTBL   | 2101/STW            | 2127/LW*               | 6831=DATA |          |            |          |          |

|          |           |           |           |           |          |           |
|----------|-----------|-----------|-----------|-----------|----------|-----------|
| OPTLST   | 2100/STW  | 2114/LW*  | 2116/CW*  | 6830=DATA |          |           |
| ORDAC    | 5628/LW   | 6056=DATA |           |           |          |           |
| ORDBIT   | 4340/LW   | 6095=EQU  |           |           |          |           |
| ORDER    | 4339=EQU  | 6409/DATA |           |           |          |           |
| ORDN     | 4341=EQU  | 4347/B    | 4350/B    |           |          |           |
| OUTCHK   | 4436=EQU  |           |           |           |          |           |
| OUTFIL   | 210/REF   | 6730/DATA | 6735/DATA | 6778/DATA |          |           |
| PAR      | 3023/BCS  | 3047/BCS  | 3257/BCR  | 4431/BCR  | 4440/BCR | 6118=EQU  |
| PARMSK   | 4389/LI   | 6124=EQU  |           |           |          |           |
| PASSWORD | 3334/CD   | 6028=TEXT |           |           |          |           |
| PBNM     | 828/LI    | 7020=TEXT | 7021/EQU  | 7022/EQU  |          |           |
| PBNM1    | 823/STW   | 7021=EQU  |           |           |          |           |
| PBNM2    | 824/LI    | 7022=EQU  |           |           |          |           |
| PBNPTR   | 829/AW    | 6012=GEN  |           |           |          |           |
| PBN1     | 813/BE    | 816=EQU   |           |           |          |           |
| PF1      | 5144/B    | 5177=PLW  |           |           |          |           |
| PGCNT    | 151/DEF   | 4474/SLS* | 4491/MTW  | 4501/SLS* | 4510/MTW | 6832=DATA |
| PGMAP    | 4470/LW   | 4476/CW   | 4482/EBR  | 4484/STW  | 4503/STS | 4505/LW   |
|          | 6833=DATA |           |           |           |          | 4511/STW  |

|         |          |           |           |           |           |           |           |
|---------|----------|-----------|-----------|-----------|-----------|-----------|-----------|
| PGOK    | 3694/BGZ | 3705=EGU  |           |           |           |           |           |
| PIDEA   | 3142=EGU | 6357/DATA | 6358/DATA | 6365/DATA | 6366/DATA | 6381/DATA | 6382/DATA |
| PIDN    | 3138=EGU | 3173/BANZ | 3174/B    |           |           |           |           |
| PIDNG   | 3145/BE  | 3169=EGU  |           |           |           |           |           |
| PIDUNK  | 3147/BNE | 3151=EGU  |           |           |           |           |           |
| PIDO    | 443/B    | 2451/BNE  | 3128=EGU  | 5157/BNEZ |           |           |           |
| PIDI    | 3133=EGU |           |           |           |           |           |           |
| PJDN    | 1687/BE  | 3333/BNE  | 3344/BNE  | 3347/BNE  | 3391=EGU  |           |           |
| PJDN1   | 3442/LI  | 3448=EGU  |           |           |           |           |           |
| PJDN2   | 3408/BLE | 3414=EGU  |           |           |           |           |           |
| PJDN3   | 3405=EGU | 3415/BDR  |           |           |           |           |           |
| PJ1     | 3214/BNE | 3216/BE   | 3219/BANZ | 3223=EGU  |           |           |           |
| PJ3     | 3228/BEZ | 3236=EGU  |           |           |           |           |           |
| PLBIUSR | 246/REF  |           |           |           |           |           |           |
| PLHIFLG | 238/REF  | 3492/CH   |           |           |           |           |           |
| PLHISID | 247/REF  |           |           |           |           |           |           |
| PLKXX   | 5358/STW | 5385/CW   | 6798=DATA |           |           |           |           |
| PNB0    | 4129/B   | 4134=EGU  |           |           |           |           |           |
| PNB2    |          |           |           |           |           |           |           |

|         |           |           |           |            |         |            |
|---------|-----------|-----------|-----------|------------|---------|------------|
| PNB3    | 4131/BE   | 4138=LI   |           |            |         |            |
| PNDBIT  | 4139= EQU | 4646/BAZ  |           |            |         |            |
| PRCDX   | 1488/BAZ  | 4122= EQU |           |            |         |            |
| PRDCA1  | 3056= EQU | 3060/BEZ  | 3062/BNE  |            |         |            |
| PRDC1   | 3053/BNEZ | 3077= EQU |           |            |         |            |
| PRDC2   | 3037/LI   | 3042= EQU |           |            |         |            |
| PRDC3   | 3063= EQU | 3076/B    | 3080/B    |            |         |            |
| PRDC4   | 3041/BCS  | 3071= EQU |           |            |         |            |
| PREV    | 3058/BEZ  | 3067= EQU |           |            |         |            |
| PRIDC   | 987/STW   | 2085/STW  | 2088/LW   | 6834= DATA |         |            |
| PRIDCO  | 3119/BNE  | 3123= EQU |           |            |         |            |
| PRIN    | 3117= EQU | 3126/BGE  |           |            |         |            |
| PRI0    | 3276/BE   | 3278/BLE  | 3281= EQU | 3362/B     |         |            |
| PRI0CG  | 1461/STW  | 1473/LW   | 3282/STW  | 3293/MTB   | 3419/LW | 6835= DATA |
| PRI01   | 1966/BG   | 1968/BLE  | 4985= EQU |            |         |            |
| PRI02   | 4987/BLE  | 4993= EQU |           |            |         |            |
| PRIVTBL | 4992/B    | 5007= EQU |           |            |         |            |
| PRNTXIT | 6990= EQU |           |           |            |         |            |
|         | 5814/B    | 5816/BE   | 5818/BE   | 5826= EQU  |         |            |

|         |          |            |          |          |          |          |          |
|---------|----------|------------|----------|----------|----------|----------|----------|
| PR0CD   | 1923/BAL | 1939/BAL   | 1961/BAL | 1977/BAL | 2052/BAL | 2400/BAL | 3010-EQU |
| PR0CD2  | 2943/LI  | 3011/LI    | 3017-EQU | 3094/LI  |          |          |          |
| PR0CD3  | 3024-CI  |            |          |          |          |          |          |
| PR0CID  | 2354/BAL | 3109-EQU   | 3566/BAL | 5066/BAL |          |          |          |
| PR0CJOB | 3201-EQU | 4251/B     |          |          |          |          |          |
| PR0C0P  | 2098-EQU | 3356/B     |          |          |          |          |          |
| PR0C0PX | 2099/STW | 2119/LW    | 6801-RES |          |          |          |          |
| PR0C0P1 | 2109-EQU | 2113/LI    | 2132/LI  | 2148/LI  | 2154/LI  | 4444/LI  |          |
| PR0DCD  | 1783/BAL | 1880/BAL   | 3035-EQU |          |          |          |          |
| PR0DCDA | 1800/BAL | 1811/BAL   | 1823/BAL | 1844/BAL | 1892/BAL | 3034-STW |          |
| PRTBAN  | 808-EQU  | 1376/BAL   |          |          |          |          |          |
| PRTCK   | 3424/BAL | 3488-EQU   | 5357/BAL |          |          |          |          |
| PSRCB   | 236/SREF | 5891/LI    |          |          |          |          |          |
| PTSZ    | 6721-SET | 6722/D8    | 6723/RES |          |          |          |          |
| PUNBAN  | 762/LW   | 6065-DATA  |          |          |          |          |          |
| PUNBIT  | 2568/CW  | 2575/LW    | 6431-EQU |          |          |          |          |
| PUNMES  | 2570/LI  | 6204-TEXTC |          |          |          |          |          |
| QPNT    | 5847/LI  | 5852-EQU   |          |          |          |          |          |
| RISYMF  |          |            |          |          |          |          |          |

|         |          |           |          |          |          |          |
|---------|----------|-----------|----------|----------|----------|----------|
| RALGN   | 223/REF  | 4273/LI   |          |          |          |          |
| RALGU   | 1825-EQU |           |          |          |          |          |
| RB*CCS  | 1827/BCR | 1832-EQU  |          |          |          |          |
| RB*CC1  | 530/BCR  | 1588-EQU  |          |          |          |          |
| RB*CC2  | 1590/LI  | 1616-EQU  | 1674/LI  |          |          |          |
| RB*DPD  | 1618-AND | 1776/B    |          |          |          |          |
| RB*DU   | 584/BNEZ | 728-EQU   |          |          |          |          |
| RB*HU   | 337-38/B | 407-EQU   |          |          |          |          |
| RB*LRR  | 182/DEF  | 337-40/B  | 4686-EQU |          |          |          |
| RB*NJ   | 337-39/B | 3513-EQU  |          |          |          |          |
| RB*BCM  | 1667/BNE | 1741-EQU  |          |          |          |          |
| RB*BUF  | 337-41/B | 1747-EQU  |          |          |          |          |
| RB*FLAG | 213/SREF | 422-4/STW | 3685/STW | 3706/STW | 3773/LW  | 3826/LW  |
|         | 204/SREF | 303/LW    | 307/STW  | 334/LW   | 1487/CW  | 2390/CW  |
|         | 2576/STS | 2599/CW   | 2604/STS | 2686/STS | 2747/AND | 2789/CW  |
|         | 3571/LW  | 3588/STS  | 3598/STS | 3763/AWM | 3929/AND | 3932/STS |
|         | 4693/STS | 4804/AND  | 4818/STW | 5838/CW  | 5863/LW  | 5863/LW  |
| RB*MFAD | 203/REF  | 756/LW    | 904/LW   | 1595/LW  | 2608/LW  | 2711/MTW |
|         | 2735/LW  | 4256/LW   | 4579/LW  | 4586/LW  | 4610/LW  | 4668/LW  |
|         | 6755/ALZ |           |          |          |          |          |
| RB*SPMF | 203/REF  | 1613/AW   | 2718/STW | 2719/MTW | 2728/CW  | 2741/AWM |
|         | 2807/MTW | 2828/MTW  | 2888/LW  | 6756/ALZ |          | 2779/MTW |

|         |          |           |          |          |         |          |          |
|---------|----------|-----------|----------|----------|---------|----------|----------|
| RBIXFLG |          |           |          |          |         |          |          |
| RBALGN  | 204/SREF |           |          |          |         |          |          |
| RBBIBCB | 1820-EQU | 6274/VEC  |          |          |         |          |          |
| RBBICPZ | 213/SREF | 4793/STB  |          |          |         |          |          |
| RBBIDSM | 204/SREF | 3627/STB  | 4291/STB | 4797/STB |         |          |          |
| RBBIHFE | 220/SREF | 585/LB    | 1041/LB  | 1380/LB  | 2292/LB | 2537/LB  | 3595/STB |
|         | 4557/LB  | 4942/LB   | 6758/ALZ |          |         |          |          |
| RBBIHIN | 213/SREF | 2531/LB   | 2563/LB  | 3613/LI  | 3968/LB | 3976/STB | 3984/LB  |
|         | 3985/STB | 4737/LB   | 4740/STB | 4792/STB |         |          |          |
| RBBIHOU | 214/SREF | 2516/STB  | 4732/LB  | 4791/STB |         |          |          |
| RBBIID  | 214/SREF | 2508/LB   | 3054/LI  | 3074/LB  | 3634/LI | 3969/LB  | 3975/STB |
|         | 4730/LB  | 4790/STB  |          |          |         |          |          |
| RBBILPZ | 203/REF  | 521/LB    | 587/LB   | 729/LB   | 1040/LB | 1498/CB  | 1601/LB  |
|         | 2931/LB  | 2964/LB   | 3591/STB | 3973/STB | 4247/LB | 4554/LB  | 4711/LB  |
|         | 4788/STB | 4847/LB   | 4891/LB  | 4910/LB  | 4945/LB |          |          |
| RBBIMXP | 204/SREF | 3624/STB  | 4297/STB | 4799/STB |         |          |          |
| RBBISMD | 205/SREF | 789/LB    | 1967/CB  | 3277/CB  | 3279/LB | 3593/STB | 6759/ALZ |
|         | 213/SREF | 1244/CB   | 1593/LB  | 1604/LB  | 1730/LB | 1901/STB | 2019/CB  |
|         | 2610/LB  | 2833/MTB  | 3619/STB | 4555/LB  | 4643/LB | 4789/STB | 4849/LB  |
|         | 4916/LB  | 6760/ALZ  |          |          |         |          |          |
| RBBP    | 88/DEF   | 6720-EQU  | 6721/SET | 6721/SET |         |          |          |
| RBBSPCL | 337.46/B | 958.2-EQU |          |          |         |          |          |
| RBCC    | 1620/CD  | 6218-EQU  | 6235/EQU | 6242/EQU |         |          |          |



|                     |             |           |           |           |         |          |         |
|---------------------|-------------|-----------|-----------|-----------|---------|----------|---------|
| RBCCBSE             | 1633/B      | 1778= EQU | 6259/SET  | 6261/VEC  |         |          |         |
| RBCCOUT             | 703/B       | 1745/B    | 2492= EQU | 3447/BAL  |         |          |         |
| RBCCVEC             | 1632/LB     | 6260= EQU |           |           |         |          |         |
| RBCC1               | 1620= CD    | 1634/BDR  |           |           |         |          |         |
| RBCC2               | 1621/BNE    | 1634= BDR |           |           |         |          |         |
| RBCHK               | 1482= EQU   | 2440/BAL  | 5114/BAL  |           |         |          |         |
| RBCTL               | 1889= EQU   | 6271/VEC  |           |           |         |          |         |
| RBD, WSN            | 205/SREF    | 433/AI    | 745/LD    | 1597/LD   | 3118/CD | 3837/STD | 3995/LD |
| RBDEL               | 2051= EQU   | 6282/VEC  |           |           |         |          |         |
| RBDEV               | 2008= EQU   | 6276/VEC  |           |           |         |          |         |
| RBDEV1              | 2012= BDR   | 2015/BEZ  | 2046/LI   |           |         |          |         |
| RBDEV15             | 2025/BNEZ   | 2027/BANZ | 2031= AI  |           |         |          |         |
| RBDEV2              | 2020/BE     | 2023/BNEZ | 2029/BANZ | 2033= EQU |         |          |         |
| RBDISC              | 1912= EQU   | 6263/VEC  |           |           |         |          |         |
| RBDISC1             | 1914= EQU   | 2006/B    |           |           |         |          |         |
| RBD <sup>P</sup> D1 | 739/BNE     | 740/LI    | 788= EQU  |           |         |          |         |
| RBDU1               | 422= 2/BANZ | 423= EQU  | 3935/B    | 3937/LI   |         |          |         |
| RBFD                | 1485/BAL    | 1491= EQU | 5554/BAL  |           |         |          |         |
| RBFD1               |             |           |           |           |         |          |         |

|           |           |          |           |          |          |          |          |
|-----------|-----------|----------|-----------|----------|----------|----------|----------|
|           | 1494-EQU  | 1499/BNE |           |          |          |          |          |
| RBF0RM    |           |          |           |          |          |          |          |
|           | 1841-EQU  | 6279/VEC |           |          |          |          |          |
| RBG       |           |          |           |          |          |          |          |
|           | 87/DEF    | 250-EQU  |           |          |          |          |          |
| RBGA1     |           |          |           |          |          |          |          |
|           | 1644-EQU  | 1650/LI  |           |          |          |          |          |
| RBGA2     |           |          |           |          |          |          |          |
|           | 1647/BE   | 1652-EQU |           |          |          |          |          |
| RBGA3     |           |          |           |          |          |          |          |
|           | 1641/BANZ | 1655-EQU |           |          |          |          |          |
| RBHIMFX   |           |          |           |          |          |          |          |
|           | 216/REF   | 4519/LH  | 4551/STW  | 4624/LH  | 4663/LH  | 4671/LH  | 4678/STW |
|           | 6757/ALZ  |          |           |          |          |          |          |
| RBHOLD    |           |          |           |          |          |          |          |
|           | 1922-EQU  | 6280/VEC |           |          |          |          |          |
| RBINF     |           |          |           |          |          |          |          |
|           | 2049/B    | 2310-EQU |           |          |          |          |          |
| RBINF0    |           |          |           |          |          |          |          |
|           | 2049-B    | 6275/VEC |           |          |          |          |          |
| RBJ0BM    |           |          |           |          |          |          |          |
|           | 4227/STB  | 4228/LI  | 6951-DATA | 6954/EQU | 6955/EQU |          |          |
| RBJ0BMPTR |           |          |           |          |          |          |          |
|           | 6009-GEN  |          |           |          |          |          |          |
| RBJ0BMSZ  |           |          |           |          |          |          |          |
|           | 4226/AI   | 6956-EQU |           |          |          |          |          |
| RBJ0BM1   |           |          |           |          |          |          |          |
|           | 3250/LI   | 4225/STW | 6954-EQU  |          |          |          |          |
| RBJ0BM2   |           |          |           |          |          |          |          |
|           | 4220/AI   | 6009/GEN | 6955-EQU  |          |          |          |          |
| RBLIMS    |           |          |           |          |          |          |          |
|           | 203/REF   | 300/CLM  | 519/CLM   | 529/CLM  | 577/CLM  | 635/CLM  | 1038/CLM |
|           | 1170/CLM  | 1186/CLM | 1212/CLM  | 1378/CLM | 1492/LW  | 1496/CW  | 3116/LW  |
|           | 3125/CW   | 3317/CLM | 3992/CLM  | 4841/LW  | 4845/CW  | 5834/CLM | 5892/CLM |
|           | 5918/CLM  |          |           |          |          |          |          |
| RBLOCK    |           |          |           |          |          |          |          |
|           | 1799-EQU  | 6273/VEC |           |          |          |          |          |

|          |          |            |            |          |          |
|----------|----------|------------|------------|----------|----------|
| RBMS     | 2199/STB | 2201/LI    | 6860=TEXTC |          |          |
| RBMSG    | 1918=EGU | 6262/VEC   |            |          |          |
| RBMSZ    | 2198/AI  | 6862=EGU   |            |          |          |
| RBMS1    | 2196/LI  | 6861=RES   |            |          |          |
| RBNJCK   | 1636/BEZ | 1639/BAZ   | 1662=EGU   |          |          |
| RB0PBUF  | 3319/LI  | 6863=TEXTC |            |          |          |
| RB0PSZ   | 3320/AI  | 6866=EGU   |            |          |          |
| RBPR10   | 1948=EGU | 6272/VEC   |            |          |          |
| RBRET    | 1938=EGU | 6281/VEC   |            |          |          |
| RBSSS    | 1779=EGU | 6265/VEC   | 6266/VEC   | 6267/VEC | 6268/VEC |
| RBSTAT   | 1974=EGU | 6269/VEC   |            |          |          |
| RBSUSP   | 1877=EGU | 6270/VEC   |            |          |          |
| RBSWITCH | 2002/B   | 2339=EGU   |            |          |          |
| RBSWT    | 2002=B   | 6283/VEC   |            |          |          |
| RBSW2    | 2365/BCS | 2384=EGU   |            |          |          |
| RBSZ     | 2091=EGU | 6264/VEC   |            |          |          |
| RBTMSK   | 3946/LW  | 6074=GEN   |            |          |          |
| RBUNLOCK | 1810=EGU | 6278/VEC   |            |          |          |
| RBXBIT   |          |            |            |          |          |

|          |           |           |            |           |          |          |         |
|----------|-----------|-----------|------------|-----------|----------|----------|---------|
| RBXXX    | 2005/LI   | 2685/LI   | 3941/LI    | 6440-EQU  |          |          |         |
| RCBTBL   | 2004-EQU  | 6277/VEC  |            |           |          |          |         |
| RCVL8C   | 2464/LB   | 3616/LB   | 6984-EQU   |           |          |          |         |
| RCVRABRT | 6766-DATA |           |            |           |          |          |         |
| RCVRBUF  | 209/REF   | 518/BNEZ  |            |           |          |          |         |
| RCVRFLG  | 158/DEF   | 6839-DATA |            |           |          |          |         |
|          | 161/DEF   | 287/LW    | 311/LW     | 517/LB    | 568/LB   | 1099/LW  | 1395/LB |
|          | 1466/LB   | 2643/LW   | 3516/LW    | 3689/LW   | 4095/LW  | 4200/LW  | 4277/LW |
|          | 6837-DATA |           |            |           |          |          |         |
| RCVRPTR  | 164/DEF   | 312/BNEZ* | 4201/BNEZ* | 6838-DATA |          |          |         |
| RCVRSV   | 166/DEF   | 6836-DATA |            |           |          |          |         |
| RCVRY    | 209/REF   | 337.42/B  |            |           |          |          |         |
| RCVRY1   | 209/REF   | 337.43/B  |            |           |          |          |         |
| RCVUN    | 167/DEF   | 6840-DATA |            |           |          |          |         |
| RDDSK    | 1690/BAL  | 4163-EQU  |            |           |          |          |         |
| RDX      | 3136/CAL1 | 6354-EQU  |            |           |          |          |         |
| REC      | 2341/STW  | 2342/STW  | 2392/AND   | 2396/AND  | 2425/LB  | 2438/LB  | 2455/LB |
|          | 2457/LW   | 2458/CH   | 2461/CH    | 2464/LB   | 2465/LB  | 3137/LB  | 3572/CS |
|          | 3574/CW   | 3580/CW   | 3592/LB    | 3594/LB   | 3596/LW  | 3614/LH  | 3616/LB |
|          | 3617/CW   | 3621/LB   | 3628/LH    | 3630/LH   | 3635/CW  | 3644/LH  | 3665/LB |
|          | 3671/CW   | 3673/LD   | 3684/LB    | 3715/LB   | 3743/LB  | 3760/LW  | 3781/LW |
|          | 3783/LI   | 3786/LW   | 3792/LI    | 3835/LD   | 5059/STW | 5060/STW | 5075/LB |
|          | 5077/LW   | 5129/CB   | 5150/AND   | 6359/DATA | 6972-RES |          |         |

|          |           |           |           |           |          |         |
|----------|-----------|-----------|-----------|-----------|----------|---------|
| RECSZ    | 6360/DATA | 6971=EGU  | 6972/RES  |           |          |         |
| REL      | 1941=EGU  | 3863/BAL  |           |           |          |         |
| RELCB    | 237/REF   | 5978/B    |           |           |          |         |
| RELMF    | 784/BAL   | 3444/BE   | 4662=EGU  | 4786/BAL  |          |         |
| REMARK   | 2882/BNEZ | 2908=EGU  |           |           |          |         |
| REQFXP   | 2629/LI   | 6037/GEN  | 6871=DATA |           |          |         |
| RERUN    | 4348=EGU  | 6416/DATA |           |           |          |         |
| RES      | 3341/CW   | 6046=TEXT |           |           |          |         |
| RES#     | 5393/STW  | 5466/STW  | 5651/LW   | 6841=DATA |          |         |
| RESCHK   | 4325/LI   | 4327=EGU  |           |           |          |         |
| RESCOM   | 3324/LI   | 6244=EGU  | 6245/EGU  |           |          |         |
| RESET    | 528/BAL   | 1685/BNEZ | 1689=EGU  |           |          |         |
| RESFOUND | 4312/BE   | 4323=EGU  |           |           |          |         |
| RESINX   | 274/LI    | 282/AI    | 5652/LI   | 7061=EGU  |          |         |
| RESLIM   | 2157/CI   | 3297/LI   | 3323=EGU  | 3354/LI   | 3375/BNE | 3377/LI |
| RESOPTS  | 3352/LI   | 6388=EGU  | 6406/EGU  |           |          |         |
| RESPTR   | 3353/LI   | 6407=EGU  |           |           |          |         |
| RESX     | 4324/STW  | 4328/LW   | 6808=DATA |           |          |         |
| RFRM     |           |           |           |           |          |         |

|         |           |             |            |           |          |
|---------|-----------|-------------|------------|-----------|----------|
| RFRMB   | 1846= EQU |             |            |           |          |
| RFRMM   | 1864/B    | 1871= EQU   |            |           |          |
| RFRMM1  | 1240/LI   | 6930= TEXTC | 6931/ EQU  |           |          |
| RFRMX   | 1239/STH  | 6931= EQU   |            |           |          |
| RFRM1   | 1850/BNEZ | 1856/BG     | 1869= EQU  |           |          |
| RFXPTR  | 1859= EQU | 1868/B      |            |           |          |
| RGFM    | 2627/LD   | 6036= DATA  |            |           |          |
| RID     | 2665= EQU | 6329/VEC    |            |           |          |
| RIDX    | 6973= EQU |             |            |           |          |
| RMB     | 5543/STW  | 5642/STW    | 7056= EQU  |           |          |
| RMT#    | 196/REF   | 1755/BAL    | 3523/BAL   | 4039/LI   | 4885/BAL |
| RMTBAN  | 2465/LB   | 3594/LB     | 3786/LW    | 6979= EQU |          |
| RMTBAN1 | 750/LI    | 6933= TEXT  | 6934/ EQU  | 6935/ EQU |          |
| RMTBAN2 | 744/STH   | 6934= EQU   |            |           |          |
| RMTBPTR | 746/STW   | 747/STW     | 6935= EQU  |           |          |
| RMTCLR  | 751/AW    | 6010= GEN   |            |           |          |
| RMTNUM  | 3785/LD   | 6034= DATA  |            |           |          |
| RMTPUT  | 3790/STH  | 6021/ DATA  | 6897= TEXT |           |          |
|         | 3789/LW   | 6021= DATA  |            |           |          |

|        |           |            |            |          |          |           |           |
|--------|-----------|------------|------------|----------|----------|-----------|-----------|
| RNFM   |           |            |            |          |          |           |           |
| RRBIT  | 1852/BCS  | 1866=EQU   |            |          |          |           |           |
| RREC   | 134/DEF   | 1463/LW    | 4349/LW    | 6102=EQU |          |           |           |
| RRECM  | 2652/BE   | 2684=EQU   | 6334/VEC   |          |          |           |           |
| RRFM   | 2687/LI   | 6932=TEXTC |            |          |          |           |           |
| RRM    | 2673=EQU  | 6328/VEC   |            |          |          |           |           |
| RRRBIT | 116/DEF   | 6899=TEXTC |            |          |          |           |           |
| RSID   | 135/DEF   | 6103=EQU   |            |          |          |           |           |
| RSL1   | 156/DEF   | 499/STH    | 1333/CH    | 1335/STH | 6809=GEN |           |           |
| RSTP   | 1686/CI   | 3330=EQU   |            |          |          |           |           |
| RSXX   | 1215=EQU  | 1249/B     |            |          |          |           |           |
| RSXXK  | 5127/CAL1 | 6378=EQU   |            |          |          |           |           |
| RTRY   | 6385/DATA | 6386=TEXTC |            |          |          |           |           |
| RTY    | 3716/STW  | 6483=EQU   |            |          |          |           |           |
| RTYFCN | 3684/LB   | 3715/LB    | 6993=EQU   |          |          |           |           |
| RUNPRI | 4000/LW   | 6070=GEN   |            |          |          |           |           |
|        | 123/DEF   | 945/CI     | 1413/LI    | 1418/LI  | 1437/CI  | 1440.1/CI | 1440.9/CI |
|        | 1964/CI   | 2055/CI    | 2227/CI    | 2403/CI  | 2938/CI  | 2970/CI   | 4971/CI   |
|        | 4986/CI   | 4998/CI    | 5036/CI    | 5085/CI  | 5235/LI  | 5261/CI   | 5365/CI   |
|        | 5372/CI   | 5411/CI    | 5447/CI    | 5453/CI  | 5475/CI  | 5524/CI   | 5550/CI   |
|        | 5805/CI   | 5815/CI    | 5997.17/CI | 6086=EQU |          |           |           |
| SIBFIS |           |            |            |          |          |           |           |

|            |                      |                       |                        |                     |                    |           |          |
|------------|----------------------|-----------------------|------------------------|---------------------|--------------------|-----------|----------|
| SIBUIS     | 201/REF              | 955/MTW               | 2059/MTW               | 2332/LW             | 3423/MTW           |           |          |
| SICUIS     | 224/REF              | 2327/LW               |                        |                     |                    |           |          |
| SICUN      | 224/REF              | 2317/LW               |                        |                     |                    |           |          |
| SIDSPKEY   | 211/REF              | 261/LW                | 370/LW                 |                     |                    |           |          |
| SIMBSF     | 889/REF              | 893/CW                | 943/CW                 | 4630/LW             |                    |           |          |
| SISBGC     | 208/REF              | 5002/STW              |                        |                     |                    |           |          |
| SISPILLKEY | 212/REF              | 1312/LW               |                        |                     |                    |           |          |
| SISTLC     | 883/REF              | 912/LW                | 920/CB                 |                     |                    |           |          |
| S#BITYP    | 230/REF              | 1094/LW               | 3697/AWM               | 3699/STW            |                    |           |          |
| S#HILNK    | 228/REF              | 3400/LB               | 4424/STB               | 4453/CB             | 5732/LB            |           |          |
| S#WISER    | 192/REF<br>4418/LH   | 3402/LH<br>4419/STH   | 3505/LH<br>4421/STH    | 3506/STH<br>4464/LH | 3508/LH<br>5742/LH | 3510/STH  | 4410/LH  |
| SAD        | 192/REF              | 4423/STW              | 4451/CW                | 5739/LW             |                    |           |          |
| SALUTE     | 1108/STW<br>4774/MTB | 1109/MTB<br>4775/CAL1 | 1110/CAL1<br>6856-DATA | 3707/STW            | 3708/MTB           | 3709/CAL1 | 4773/STW |
| SAMID      | 424/LI               | 6160-DATA             |                        |                     |                    |           |          |
| SAMIDM     | 3568/B               | 3909-EQU              |                        |                     |                    |           |          |
| SAGNSERT   | 3910/LI              | 6178-DATA             |                        |                     |                    |           |          |
| SBIRBDF    | 202/REF              | 1795/BAL              | 2519/BAL               | 4098/BAL            |                    |           |          |
|            | 226/REF              | 4236/LB               | 5658/LB                |                     |                    |           |          |



|          |             |              |           |          |          |           |
|----------|-------------|--------------|-----------|----------|----------|-----------|
| SBIRBMX  | 226/REF     |              |           |          |          |           |
| SBIRG    | 223/REF     | 4274/LB      |           |          |          |           |
| SBIRTY   | 228/REF     | 4384/LB      |           |          |          |           |
| SCNTXT   | 191/REF     | 2024/LH      | 4752/LH   |          |          |           |
| SCPX     | 2266/STW    | 7009-EQU     |           |          |          |           |
| SCSVDGI  | 233/REF     | 5841/LW      |           |          |          |           |
| SCSWIT   | 233/REF     | 5850/STW     | 5856/LW   |          |          |           |
| SDAA     | 89/DEF      | 6386-39/DATA | 6729-DATA | 6732/COM | 6853/EQU |           |
| SDAS     | 6730-DATA   |              |           |          |          |           |
| SDSIZE   | 6386-40/REF | 6386-41/DATA |           |          |          |           |
| SDVX     | 2256/LI     | 7011-EQU     |           |          |          |           |
| SEB4P1   | 1806-STW    | 1818/B       |           |          |          |           |
| SECT     | 524/LW      | 527/STW      | 3483/XW   | 4171/LW  | 4178/LW  | 6842-DATA |
| SERDS    | 5481/LI     | 7045-TEXTC   |           |          |          |           |
| SERDX    | 5485/LI     | 7047-TEXTC   |           |          |          |           |
| SERX     | 5731/LI     | 7069-EQU     |           |          |          |           |
| SET*STRM | 3600-EQU    | 3672/BL E    |           |          |          |           |
| SETDM    | 276/BAL     | 285/B        | 5713-EQU  |          |          |           |
| SETDM1   |             |              |           |          |          |           |

|          |             |              |           |          |          |          |          |
|----------|-------------|--------------|-----------|----------|----------|----------|----------|
| SETHDR   | 5722= EQU   | 5728/BDR     |           |          |          |          |          |
| SETXXDCB | 100/DEF     | 696/BAL      | 1592= EQU | 1761/BAL | 1906/BAL | 3838/BAL | 4899/BAL |
| SET7     | 958+39/CAL1 | 6386+27= GEN |           |          |          |          |          |
| SGBITS   | 1596/BNEZ   | 1611= EQU    |           |          |          |          |          |
| SGCBUF   | 4803/LW     | 6459= DATA   |           |          |          |          |          |
| SGCHD    | 201/REF     | 293/AI       | 317/AI    | 1340/AI  | 1341/AI  | 5057/AI  | 5240/AI  |
| SGON     | 201/REF     | 291/LB       | 294/STB   | 315/LS   | 323/STB  | 325/STB  | 375/CW   |
| SGRNX    | 3792/LI     | 6978= EQU    |           |          |          |          |          |
| SHIRNM   | 2263/STW    | 7008= EQU    |           |          |          |          |          |
| SHIRTOT  | 226/REF     | 3409/LH      | 4311/CH   | 4377/CH  | 5724/LH  | 5733/LH  |          |
| SHISYMT  | 228/REF     | 3407/CH      | 4329/CH   |          |          |          |          |
| SIDPTR   | 232/REF     | 2470/CH      |           |          |          |          |          |
| SIZOPS   | 3234/LD     | 6257= DATA   |           |          |          |          |          |
| SIZPTR   | 2095/LI     | 6337= EQU    | 6343/ EQU |          |          |          |          |
| SKIP     | 2096/LI     | 6344= EQU    |           |          |          |          |          |
| SKIPSER  | 2128/BEZ    | 2150= EQU    |           |          |          |          |          |
| SLIBDF   | 4368/BNE    | 4380/LI      | 4388= EQU |          |          |          |          |
| SLIBMX   | 227/REF     | 4241/LW      |           |          |          |          |          |
|          | 202/REF     |              |           |          |          |          |          |

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| SLASLA   |           |           |           |          |          |          |
| SLFCN    | 5434/AW   | 6052=DATA |           |          |          |          |
| SLSG     | 3821/LW   | 6079=GEN  |           |          |          |          |
| SLSGB    | 6019/GEN  | 6035/GEN  | 6878=DATA | 6893/EQU |          |          |
| SLSGBPT  | 6040/DATA | 6893=EQU  | 6894/EQU  |          |          |          |
| SLSGBSZ  | 3777/LD   | 6040=DATA |           |          |          |          |
| SLSGCSZ  | 6020/GEN  | 6041/GEN  | 6043/GEN  | 6889=EQU | 6891/EQU | 6894/EQU |
| SLSGE    | 3811/LI   | 6892=EQU  |           |          |          |          |
| SLSGEPT  | 6042/DATA | 6895=EQU  |           |          |          |          |
| SLSGESZ  | 3779/LD   | 6042=DATA |           |          |          |          |
| SLSGGB   | 6043/GEN  | 6890=EQU  | 6891/EQU  |          |          |          |
| SLSGM    | 6020/GEN  | 6041/GEN  | 6043/GEN  | 6896=EQU |          |          |
| SLSGPTR  | 3795/LI   | 6894=EQU  | 6895/EQU  |          |          |          |
| SLSGRMT  | 3797/LW   | 6020=GEN  |           |          |          |          |
| SLSGSPTR | 6035/GEN  | 6887=EQU  |           |          |          |          |
| SLSGSZ   | 3793/LW   | 6019=GEN  |           |          |          |          |
| SLSGWSZ  | 6020/GEN  | 6043/GEN  | 6888=EQU  | 6891/EQU | 6895/EQU |          |
| SLVBIT   | 3820/LI   | 6891=EQU  | 6892/EQU  |          |          |          |
| SLVXP2BT | 3768/CW   | 3933/CW   | 6452=EQU  |          |          |          |

|          |           |            |           |            |           |          |            |
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| SMD      | 1638/CW   | 3861/CW    | 3876/CW   | 4913/CW    | 6454-DATA |          |            |
| SMDCK    | 3617/CW   | 3635/CW    | 6982-EQU  |            |           |          |            |
| SMDMNZ   | 2704/BAL  | 2784/BAL   | 2830-EQU  |            |           |          |            |
| SMHIN    | 270/LI    | 7054-EQU   |           |            |           |          |            |
| SMHPR    | 6294/DATA | 7014-TEXTC |           |            |           |          |            |
| SMHPU    | 6291/DATA | 7007-TEXTC |           |            |           |          |            |
| SMIN     | 6292/DATA | 7012-TEXTC |           |            |           |          |            |
| SMPR     | 6290/DATA | 7019-TEXTC |           |            |           |          |            |
| SMPU     | 6287/DATA | 7016-TEXTC |           |            |           |          |            |
| SMRIN    | 6288/DATA | 7017-TEXTC |           |            |           |          |            |
| SMRINH   | 5188/AI   | 5189/AI    | 6289/DATA | 7006-TEXTC |           |          |            |
| SMUIS    | 6293/DATA | 7004-TEXTC |           |            |           |          |            |
| SNDDX    | 223/REF   | 3230/CI    | 6809/GEN  |            |           |          |            |
|          | 202/REF   | 1026/LB    | 1062/LB   | 1377/LB    | 1532/LB   | 1554/LB  | 2010/CB    |
|          | 2294/CB   | 2656/CB    | 3083/CB   | 3610/STB   | 3979/STB  | 4068/LB  | 4077/LB    |
|          | 4084.5/LB | 4110/LB    | 5754/LB   | 5759/LB    | 5833/LB   | 5858/LB  |            |
| SNDPTR   | 4856/LW   | 4889/LW    | 6014-GEN  |            |           |          |            |
| SPB      | 3736/STW  | 3737/AI    | 3741/STW  | 6485-EQU   |           |          |            |
| SPCER    | 958.21/BG | 958.23/B   | 958.25/B  | 958.26/B   | 958.27/B  | 958.28/B | 958.31-EQU |
| SPCGFCST | 958.23=B  | 958.29/EQU |           |            |           |          |            |

|          |           |            |          |             |          |            |           |
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| SP00L    |           |            |          |             |          |            |           |
| SPRID    | 231/REF   | 1113/LW    | 1114/STW | 3727/LW     | 3728/STW | 4777/LW    | 4779/STW  |
| SRCB2BT  | 3996/STW  | 3997/STW   | 6156-EQU |             |          |            |           |
| SSIG     | 1898/CI   | 6499-EQU   |          |             |          |            |           |
|          | 202/REF   | 1168/LB    | 1533/MTB | 1786/LC     | 1789/STB | 1826/LC    | 1883/LC   |
|          | 1886/STB  | 2509/LB    | 2513/STB | 3604/LB     | 4083/LB  | 4097/STB   | 4647/LB   |
|          | 4741/LB   | 4947/LB    | 5326/LB  | 5997-32/STB |          |            |           |
| SSIGS    | 1782/LB   | 6080-EQU   |          |             |          |            |           |
| SSS      | 1785-EQU  |            |          |             |          |            |           |
| SSSBIT   | 2506/CI   | 2517/LI    | 6426-EQU |             |          |            |           |
| SSS1     | 1788-EQU  | 1831/B     |          |             |          |            |           |
| SSTAT    | 202/REF   | 1792/LB    | 1828/LB  | 2022/LB     | 4750/LB  | 5997-28/LB |           |
| SS01     | 3605/BEZ  | 3609-EQU   |          |             |          |            |           |
| STAK     | 6844-DATA |            |          |             |          |            |           |
| STARTCOM | 1150/MTW  | 4100/MTW   | 4105/MTW | 6858-DATA   |          |            |           |
| STAT     | 1981/BNEZ | 1991/BNEZ  | 2216-EQU | 3862/BAZ    | 3865/B   |            |           |
| STATMES  | 2222/LI   | 6210-TEXTC |          |             |          |            |           |
| STATX    | 1696/STW  | 1994/MTW   | 2220/MTW | 2224/MTW    | 3034/STW | 3052/LW    | 6843-DATA |
| STAT1    | 1979-EQU  |            |          |             |          |            |           |
| STBIDPD  | 220/SREF  | 570/LB     | 583/LB   | 694/LB      | 733/LB   | 754/LB     | 3666/STB  |
|          | 6762/ALZ  |            |          |             |          |            |           |

|          |   |  |   |  |   |  |   |
|----------|---|--|---|--|---|--|---|
| STBIJDE  | 219/SREF  | 1086/CB  | 1390/LB   | 5301/LB  | 5336/STB  | 5781/LB  | 6763/ALZ  |
| STBILNK  | 215/SREF<br>3612/STB<br>4721/LB                       | 2558/LB<br>3668/STB<br>4723/LB                     | 2564/LB<br>3970/STB<br>4739/LB                        | 3054/LI<br>3972/STB<br>4746/STB                      | 3057/LB<br>3977/LB<br>4759/STB                        | 3602/LB<br>3986/LB                                   | 3611/LB<br>3988/STB                                   |
| STBITYP  | 216/REF<br>2658/CB<br>4941/LB                         | 572/LB<br>3059/MTB<br>5889/LB                      | 1032/LB<br>3088/MTB                                   | 2014/LB<br>3620/STB                                  | 2300/LB<br>4079/CB                                    | 2536/LB<br>4556/LB                                   | 2633/LB<br>4745/STB                                   |
| STHICMDV | 244/REF<br>1407/STH<br>5990/LH                        | 1033/LH<br>4071/MTH<br>5993/STH                    | 1036/STH<br>4074/STH                                  | 1064/CH<br>4084.1/CH                                 | 1148/MTH<br>4084.3/MTH                                | 1151/STH<br>4084.8/CH                                | 1403/LH<br>5769/LH                                    |
| STHIFLG  | 215/SREF<br>1606/CH<br>1895/LH<br>2612/CH<br>3662/STH | 580/CH<br>1733/CH<br>2016/LH<br>2621/LH<br>4141/LH | 1173/CH<br>1804/LH<br>2298/CH<br>2623/STH<br>4143/STH | 1176/LH<br>1806/STH<br>2533/CH<br>2667/LH<br>4645/CH | 1178/STH<br>1815/LH<br>2552/LH<br>2670/STH<br>4851/CH | 1217/LH<br>1834/CH<br>2555/STH<br>2675/LH<br>4919/CH | 1219/STH<br>1837/LH<br>2566/CH<br>2677/STH<br>5929/LH |
| STHINM   | 218/SREF<br>3090/CH                                   | 673/LH<br>3615/STH                                 | 743/LH<br>6764/ALZ                                    | 1238/LH  | 2034/LH   | 2305/LH  | 3061/CH   |
| STHISUS  | 218/SREF  | 3629/STH   |   |  |   |  |   |
| STOR0    | 2436=STS  |  |   |  |   |  |   |
| STORSW   | 5839/BANZ   | 5843/BCR   | 5846=EQU  |  |   |  |   |
| STORSW1  | 5835/BCS  | 5844=EQU   |   |  |   |  |   |
| STPBIT   | 2028/CI<br>6510/DATA                                  | 2549/LI  | 2565/LI   | 4127/LI  | 6507=EQU  | 6508/DATA  | 6509/DAT  |
| STRM1    | 3632/BAZ  | 3639=EQU   |   |  |   |  |   |
| STRM15   |   |  |   |  |   |  |   |

|          |                                |                                |                     |                    |                    |                    |                     |
|----------|--------------------------------|--------------------------------|---------------------|--------------------|--------------------|--------------------|---------------------|
|          | 3656=EQU                       |                                |                     |                    |                    |                    |                     |
| STRM2    | 3636/BNE                       | 3638/B                         | 3646/BAZ            | 3648=EQU           |                    |                    |                     |
| STRM3    | 3674/BEZ                       | 3680=EQU                       |                     |                    |                    |                    |                     |
| STRTSYM  | 1484/BEZ                       | 4053=EQU                       | 4642/BE             |                    |                    |                    |                     |
| STSM1    | 734/BAL                        | 4062=EQU                       |                     |                    |                    |                    |                     |
| STSM1A   | 4061/B                         | 4065=EQU                       |                     |                    |                    |                    |                     |
| STSM2    | 4070=EQU                       | 4088/BDR                       |                     |                    |                    |                    |                     |
| STSM2A   | 4084.2/BE                      | 4084.7/B                       | 4084.11=EQU         |                    |                    |                    |                     |
| STSM3    | 4076/BLE<br>4088=BDR           | 4078/BEZ                       | 4080/BNE            | 4082/BCS           | 4084/BNEZ          | 4084.4/BNEZ        | 4084.9/BE           |
| STWIFORM | 221/REF<br>2626/STW<br>5765/LW | 574/XW<br>2680/STW<br>6761/ALZ | 582/STW<br>3664/STW | 1030/LW<br>4085/CW | 1246/LW<br>4130/CW | 1384/LW<br>5293/LW | 2040/LW<br>5332/STW |
| STWIFBY  | 219/SREF<br>5777/LW            | 1083/CW<br>6765/ALZ            | 1388/LW             | 5297/LW            | 5333/LI            | 5335/STW           | 5775/LI             |
| ST1      | 2221/BNEZ                      | 2225=EQU                       |                     |                    |                    |                    |                     |
| ST2      | 2228/BG                        | 2233=EQU                       |                     |                    |                    |                    |                     |
| ST3      | 2232/B                         | 2235/BEZ                       | 2237=EQU            |                    |                    |                    |                     |
| ST4      | 2244/BAL                       | 2275=EQU                       | 5268/BAL            |                    |                    |                    |                     |
| ST5      | 2281/B                         | 2283/BE                        | 2286=PLW            |                    |                    |                    |                     |
| ST7      | 2243/BGEZ                      | 2248=EQU                       |                     |                    |                    |                    |                     |

|         |                                 |                                    |                                  |                                  |                                  |                                  |                                  |
|---------|---------------------------------|------------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| ST8     | 2250/BANZ                       | 2267-EQU                           |                                  |                                  |                                  |                                  |                                  |
| SUS     | 1882-EQU                        |                                    |                                  |                                  |                                  |                                  |                                  |
| SUSTBL  | 3628/LH                         | 6987-EQU                           |                                  |                                  |                                  |                                  |                                  |
| SVIRSI2 | 226/REF<br>4235/LI              | 273/LI<br>4309/LI                  | 274/LI<br>4376/LI                | 278/CI<br>5390/CI                | 280/LI<br>5392/LI                | 3395/LI<br>5463/CI               | 3404/LI<br>5465/LI               |
| SVITI   | 227/REF                         | 4240/LI                            |                                  |                                  |                                  |                                  |                                  |
| SVITYM  | 232/REF                         | 2469/LI                            |                                  |                                  |                                  |                                  |                                  |
| SVCBF   | 152/DEF<br>6731-DATA            | 289/XW                             | 318/STW                          | 780/LW                           | 1242/LW                          | 4627/AND*                        | 5492/LW                          |
| SVIV    | 106/DEF<br>3515/BAL<br>4276/BAL | 958.37/BAL<br>3688/BAL<br>4614/BAL | 1098/BAL<br>4005/BAL<br>4654/BAL | 2070/BAL<br>4094/BAL<br>4763/BAL | 2502/BAL<br>4174/BAL             | 2642/BAL<br>4188-EQU             | 3134/BAL<br>4199/BAL             |
| SVIV1   | 107/DEF                         | 1749/BAL                           | 4198-EQU                         | 4873/BAL                         | 5252/BAL                         |                                  |                                  |
| SVREGS  | 109/DEF                         | 4193/STM                           | 4282/LM                          | 6847-EQU                         |                                  |                                  |                                  |
| SVREG11 | 4197/B*                         | 6850-DATA                          |                                  |                                  |                                  |                                  |                                  |
| SVZ     | 110/DEF<br>3524/STW<br>4283/STW | 958.42/STW<br>3833/STW<br>4617/STW | 1102/STW<br>4042/STW<br>4660/STW | 1756/STW<br>4099/STW<br>4785/STW | 2078/STW<br>4177/STW<br>4886/STW | 2521/STW<br>4189/MTW<br>5254/STW | 3140/STW<br>4195/STW<br>6846-DAT |
| SV10    | 3131/STW                        | 3141/B*                            | 3170/MTW                         | 5123/STW                         | 6845-DATA                        |                                  |                                  |
| SW      | 2402-EQU                        |                                    |                                  |                                  |                                  |                                  |                                  |
| SWCOM1  | 2484/LI                         | 6245-EQU                           |                                  |                                  |                                  |                                  |                                  |
| SWITBIT |                                 |                                    |                                  |                                  |                                  |                                  |                                  |



|         |           |           |           |          |          |           |                         |
|---------|-----------|-----------|-----------|----------|----------|-----------|-------------------------|
| SWITFI  | 1090/CW   | 1303/LW   | 2408/LW   | 2435/LW  | 5089/LW  | 5105/LW   | 6105 <sup>68</sup> -EQU |
| SWITFLG | 2393/BNEZ | 2399=STW  |           |          |          |           |                         |
| SWBUT   | 2399/STW  | 2430/LW   | 6812=DATA |          |          |           |                         |
| SWOUTZ  | 2431/BEZ  | 2434/BNE  | 2437=EQU  |          |          |           |                         |
| SWOUT1  | 2414/B    | 2444=EQU  |           |          |          |           |                         |
| SWRID   | 2441=LCI  | 2446/B    |           |          |          |           |                         |
| SWTCH   | 5076/STW  | 5079/STS  | 5092/INT  | 5101/LW  | 5109/INT | 5152/EOR  | 6813-DAT                |
| SWTEND  | 2420/BNEZ | 2423=EQU  |           |          |          |           |                         |
| SWTINIT | 237/REF   | 1125/STW  |           |          |          |           |                         |
| SWTND   | 231/REF   | 1092/LW   | 1107/STW  | 1123/LW  | 5832/LW  | 5855/LW   | 5912/LW                 |
| SWTSIZ  | 5976/XW   |           |           |          |          |           |                         |
| SWTUC   | 1124/AI   | 1126/AI   | 5974=EQU  |          |          |           |                         |
| SWTX    | 1117/LI   | 5987=EQU  |           |          |          |           |                         |
| SWTYP   | 231/REF   |           |           |          |          |           |                         |
| SWX     | 2459/BE   | 2463=EQU  |           |          |          |           |                         |
| SW3     | 2344/STW  | 2379/STW  | 2419/LW   | 5074/STW | 5107/LW  | 6811=DATA |                         |
| SW4     | 2405=EQU  | 2410/BANZ |           |          |          |           |                         |
| SYMDM   | 2356/B    | 2447=EQU  |           |          |          |           |                         |
|         | 2357=EQU  | 2452/B    |           |          |          |           |                         |

|            | 271/STB<br>7052/EQU           | 5763/STB<br>7053/EQU         | 5764/STW                        | 5787/LI                        | 7049-TEXTC        | 7050/EQU           | 7051 <sup>69</sup> /EQU |
|------------|-------------------------------|------------------------------|---------------------------------|--------------------------------|-------------------|--------------------|-------------------------|
| SYMDM1     | 5768/STW                      | 7050-EQU                     |                                 |                                |                   |                    |                         |
| SYMDM2     | 5774/STW                      | 7051-EQU                     |                                 |                                |                   |                    |                         |
| SYMDM3     | 5780/STW                      | 7052-EQU                     |                                 |                                |                   |                    |                         |
| SYMDM4     | 5785/STW                      | 7053-EQU                     |                                 |                                |                   |                    |                         |
| SYMD0N     | 4738/BEZ                      | 4757-EQU                     |                                 |                                |                   |                    |                         |
| SYMF       | 298/BAL                       | 1558/BAL                     | 4271-EQU                        |                                |                   |                    |                         |
| SYMF1      | 4275/BEZ                      | 4278/BNEZ                    | 4283-STW                        |                                |                   |                    |                         |
| SYMINDX    | 331/STW<br>1208/LW<br>5056/LW | 672/LW<br>1243/LW<br>5239/LW | 693/LW<br>1338/LW<br>5997-27/LW | 735/LW<br>1372/XW<br>6851-DATA | 753/LW<br>4109/LW | 1147/LW<br>4973/LW | 1167/LW<br>4980/MTW     |
| SYMx       | 223/REF                       | 731/LC                       | 811/LB                          | 3661/STB                       | 4081/LC           | 5323/LB            |                         |
| SYS        | 3213/CD                       | 6039-TEXT                    |                                 |                                |                   |                    |                         |
| SYSBIT     | 3218/CI                       | 6437-EQU                     |                                 |                                |                   |                    |                         |
| SYSD       | 120/DEF                       | 2270/STW                     | 5192/STW                        | 7003-EQU                       |                   |                    |                         |
| SYSDX      | 5540/STW                      | 7055-EQU                     |                                 |                                |                   |                    |                         |
| SYSG       | 1171/BCS                      | 1174/BAZ                     | 1181/B                          | 4093-EQU                       | 4756/B            |                    |                         |
| SYSG1      | 1537/BAL                      | 4086/BE                      | 4091-EQU                        | 4648/BEZ                       | 4950/B            |                    |                         |
| TIGJ8BSTRY | 207/REF                       | 264/BAL                      | 3677/BAL                        |                                |                   |                    |                         |
| TIRE       |                               |                              |                                 |                                |                   |                    |                         |

|           |          |            |          |           |                 |
|-----------|----------|------------|----------|-----------|-----------------|
| T:REG     | 195/REF  | 4280/BAL   |          |           |                 |
| T:RSPP    | 195/REF  | 379/B      |          |           |                 |
| T:RUE     | 230/REF  | 4783/BAL   |          |           |                 |
| T:STLPP   | 195/REF  | 2074/BAL   | 5253/BAL |           |                 |
| TALL      | 230/REF  | 1101/BAL   | 3692/BAL |           |                 |
| TBIFLGS   | 2862/LW  | 6048=TEXT  |          |           |                 |
| TB:MAX    | 228/REF  | 736/LC     | 2478/LC  | 4385/LB   | 5901/LC         |
| TB:SZ     | 235/REF  | 5900/LB    |          |           |                 |
| TBGVAL    | 217/REF  | 4261/LB    |          |           |                 |
| TBTS      | 2142=EGU | 4330/BG    | 4332/BG  | 4337/RNEZ |                 |
| TCAT      | 3587/LW  | 6447=EGU   |          |           |                 |
| TEL\$HIM  | 263/LD   | 6027=TEXTC |          |           |                 |
| TEL\$H1   | 4004=EGU | 4018/B     | 4051/B   |           |                 |
| TEL\$8P   | 4032/BNE | 4037=EGU   |          |           |                 |
| TEL\$8PJ  | 2689/B   | 3322/B     | 3846/BAL | 3991=EGU  |                 |
| TEL\$8PNC | 661/BEZ  | 668/B      | 3312=EGU |           |                 |
| TEL\$8PR  | 657=EGU  | 679/BAL    |          |           |                 |
| TEL\$8PR1 | 2202/B   | 2581/BAL   | 3994=EGU |           |                 |
|           | 409/BAL  | 3913/BAL   | 3950/BAL | 3998=EGU  | 4697/BAL 4821/B |

|          |   |   |   |   |   |   |  |
|----------|---|---|---|---|---|---|--|
| TEL*OP1  | 102/DEF<br>4002=EGU<br>5402/BAL             | 1193/BAL<br>4117/BAL<br>5406/BAL            | 3155/BAL<br>4150/B<br>5510/B                | 3378/R<br>4531/R<br>5705/BAL                | 3428/BAL<br>4954/B<br>5799/BAL              | 3453/BAL<br>5195/B<br>5997/B                | 3993/BCS<br>5309/B                           |
| TEL*RBT  | 425/BAL                                     | 4045=EGU                                    |   |   |   |   |  |
| TEL*RBT1 | 3947/B                                      | 4047=EGU                                    |   |   |   |   |  |
| TEL*RBT2 | 2645/B                                      | 4049=EGU                                    |   |   |   |   |  |
| TEL*XPX  | 2635=EGU                                    |   |   |   |   |   |  |
| TEL*XP2  | 2631=EGU                                    | 2683/B                                      |   |   |   |   |  |
| TEN      | 5576/DW                                     | 6068=DATA                                   |   |   |   |   |  |
| TEOD     | 1663/CW                                     | 6049=TEXT                                   |   |   |   |   |  |
| TIME     | 223/REF                                     | 5423/LH                                     | 5428/LW                                     |   |   |   |  |
| TIMEL    | 4351=EGU                                    | 6408=DATA                                   | 6415=DATA                                   |   |   |   |  |
| TIMIN    | 825/BAL                                     | 2313/BAL                                    | 5422=EGU                                    |   |   |   |  |
| TIMX     | 5646/STW                                    | 7060=EGU                                    |   |   |   |   |  |
| TJOB     | 534/CW                                      | 6047=TEXT                                   |   |   |   |   |  |
| TLCL     | 31.14/CD                                    | 6038=TEXT                                   |   |   |   |   |  |
| TMESET   | 5426/AW                                     | 6053=DATA                                   |   |   |   |   |  |
| TMPSTK   | 148/DEF<br>1104/PLM<br>1724/PSW<br>1860/PLW | 742/PSM<br>1536/PSM<br>1725/PSW<br>1870/PLW | 786/PLM<br>1539/PLM<br>1727/PLW<br>1976/PSW | 821/PSM<br>1557/PSW<br>1728/PLW<br>1983/PSW | 896/PSM<br>1559/PLW<br>1794/PSW<br>1988/PLW | 908/PLM<br>1717/PSW<br>1796/PLW<br>2068/PSM | 1097/PSM<br>1720/PLW<br>1847/PSW<br>2077/PLM |

|           |          |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|----------|
| 2217/PSW  | 2218/PSW | 2272/PLW | 2273/PLW | 2276/PSW | 2286/PLW | 2311/PSW |
| 2314/PLW  | 2412/PSM | 2442/PLM | 2523/PSW | 2596/PLW | 2710/PSW | 2732/PSW |
| 2734/PLW  | 2738/PLW | 2775/PLW | 2798/PSM | 2824/PLM | 2835/PSW | 2870/PSW |
| 2872/PLW  | 2884/PSM | 2892/PSW | 2894/PLW | 2907/PLM | 2950/PSW | 2952/PLW |
| 2994/PSW  | 3006/PLW | 3676/PSM | 3679/PLM | 3812/PSW | 3815/PLW | 3878/PSW |
| 4102/PSW  | 4104/PSM | 4119/PLM | 4120/PLW | 4164/PSW | 4185/PLW | 4272/PSW |
| 4284/PLW  | 4455/PSW | 4461/PLW | 4469/PSM | 4486/PLM | 4518/PSM | 4651/PLM |
| 4666/PSM  | 4675/PLM | 4681/PSW | 4683/PLW | 4898/PSW | 4901/PLW | 4927/PSW |
| 4928/PSW  | 4934/PLW | 4935/PLW | 5113/PSM | 5116/PLM | 5131/PSW | 5139/PLW |
| 5142/PSW  | 5146/PLW | 5177/PLW | 5217/PLW | 5395/PSM | 5396/PSW | 5398/PLW |
| 5408/PLM  | 5694/PSM | 5707/PLM | 5812/PSM | 5823/PLM | 5828/PLM | 6821-DAT |
| 6844/DATA |          |          |          |          |          |          |

|          |          |           |            |          |          |          |
|----------|----------|-----------|------------|----------|----------|----------|
| TBFM     | 2614/LI  | 2765/CI   | 6187-TEXTC |          |          |          |
| TBFQIDBT | 205/SREF | 6074/GEN  |            |          |          |          |
| TRBID    | 3554/CD  | 6246-CCRB |            |          |          |          |
| TRT      | 1627/BAL | 1651/B    | 1854/BAL   | 1950/BAL | 1953/BAL | 2103/BAL |
|          | 2111/BAL | 2134/BAL  | 2153/BAL   | 2167/BAL | 2173/BAL | 2346/BAL |
|          | 2359/BAL | 2363/BAL  | 2367/BAL   | 2381/BAL | 2875/BAL | 2993-EQU |
|          | 3020/BAL | 3040/BAL  | 3046/BAL   | 3097/BAL | 3103/BAL | 3204/BAL |
|          | 3244/BAL | 3255/BAL  | 3259/BAL   | 3263/BAL | 3287/BAL | 3559/BAL |
|          | 4358/BAL | 4390/BAL  | 4399/BAL   | 4428/BAL | 4499/BAL |          |
| TRTBL    | 2995/LI  | 6519-EQU  |            |          |          |          |
| TSGON    | 3550/CD  | 6247-TEXT |            |          |          |          |
| TSTACK   | 235/REF  | 5854/PSM  | 5874/PSW   | 5878/PLW | 5884/PLM | 5888/PSM |
|          | 5915/PLW | 5917/PLM  | 5928/PSM   | 5961/PSM | 5967/PLM | 5971/PLM |
| TTYF     | 3742/MTW | 6482-EQU  |            |          |          |          |
| TXNRSN   | 4457/STW | 4458/LI   | 6966-TEXTC |          |          |          |
| TXRLE    |          |           |            |          |          |          |

|          |                       |            |           |           |           |           |          |
|----------|-----------------------|------------|-----------|-----------|-----------|-----------|----------|
| TXTL     | 3410/STW              | 3411/LI    | 6964=EQU  |           |           |           |          |
| TXTT     | 5641/LW               | 6059=TEXT  |           |           |           |           |          |
| TYPMNSZ  | 5638/LW               | 6058=TEXT  |           |           |           |           |          |
| TYPSW    | 237/REF               | 2474/LI    |           |           |           |           |          |
| TZERBS   | 2343/STW<br>6810=DATA | 2373/STW   | 2374/LW   | 2415/CW   | 5073/STW  | 5099/CW   | 5141/LW  |
| UIMISC   | 670/LW                | 5584/BR    | 6050=TEXT |           |           |           |          |
| UB:PRI0B | 211/REF               | 372/STW    |           |           |           |           |          |
| UL1      | 239/REF               | 262/MTB    |           |           |           |           |          |
| UNKN     | 1817=AND              | 1839/B     |           |           |           |           |          |
| UNLOCK   | 1669/LI<br>6313/VEC   | 6206=TEXTC | 6297/VEC  | 6298/VEC  | 6299/VEC  | 6311/VEC  | 6312/VEC |
| VEC      | 1813=EQU              |            |           |           |           |           |          |
| VECBSE   | 6215=COM              |            |           |           |           |           |          |
| VP       | 6215/COM              | 6259=SET   | 6295=SET  | 6325=SET  |           |           |          |
| WAIT     | 1115/STW              | 1119/STW   | 1122/STW  | 1128/STW  | 3716/STW  | 3729/STW  | 3734/STW |
| WDSKFCN  | 3736/STW              | 3738/STW   | 3741/STW  | 3742/MTW  | 3744/STW  | 3747/STW  | 3748/STW |
|          | 3749/STW              | 3751/STW   | 3753/STW  | 3755/STW  | 3757/STW  | 3759/STW  | 3761/STW |
|          | 3775/STW              | 3776/STW   | 3799/LI   | 4778/STW  | 6008/GEN  | 6022/GEN  | 6855=EQU |
|          | 6857/DATA             | 6896/EQU   |           |           |           |           |          |
|          | 257/CAL1              | 3148/CAL1  | 3606/CAL1 | 4017/CAL1 | 4658/CAL1 | 4734/CAL1 | 6005=GEN |
|          | 4608/LW               | 6076=GEN   |           |           |           |           |          |

|        |                |               |           |            |           |          |        |
|--------|----------------|---------------|-----------|------------|-----------|----------|--------|
| WFQBIT | 2529/LI        | 4127/LI       | 6513= EQU |            |           |          |        |
| WMF    | 906/BAL        | 2617/B        | 3473/BAL  | 4516= EQU  | 4866/B    | 4933/BAL | 5504/B |
| WMFA   | 4515/STW       | 4588/LW       | 4622/XW   | 6854= DATA |           |          |        |
| WMFF   | 2733/BAL       | 4514= EQU     |           |            |           |          |        |
| WMFS   | 783/BAL        | 4599= EQU     |           |            |           |          |        |
| WMFX   | 4530/LI        | 4623/BNEZ     | 4635/LI   | 4640/LI    | 4649= EQU |          |        |
| WMF1   | 4523/BGEZ      | 4527/BGEZ     | 4546= EQU |            |           |          |        |
| WMF2   | 4553/BE        | 4561= EQU     |           |            |           |          |        |
| WMF3   | 4560/B         | 4565= EQU     |           |            |           |          |        |
| WMF5   | 4520/BNEZ      | 4585= EQU     |           |            |           |          |        |
| WMF6   | 4589/BEZ       | 4594/B        | 4597= EQU |            |           |          |        |
| WMF7   | 4603= EQU      | 4670/BAL      |           |            |           |          |        |
| WMF8   | 4598/LI        | 4619= EQU     |           |            |           |          |        |
| WRXXKY | 6386+34= TEXTC | 6386+42/ DATA |           |            |           |          |        |
| WRXXSD | 958+40/ CAL1   | 6386+35= GEN  |           |            |           |          |        |
| WTG    | 4007/BEZ       | 4009/BEZ      | 4011/BEZ  | 4017= CAL1 | 4020/BEZ  |          |        |
| XALGBT | 1838/BR        | 6504= DATA    |           |            |           |          |        |
| XC     | 5930/AND       | 5979= EQU     |           |            |           |          |        |
| XF     |                |               |           |            |           |          |        |

|          |           |           |           |           |          |          |          |  |
|----------|-----------|-----------|-----------|-----------|----------|----------|----------|--|
| XFLKBIT  | 198/REF   | 2985/AND  |           |           |          |          |          |  |
| XFO      | 2676/BR   | 6512=DATA |           |           |          |          |          |  |
| XF3      | 6066=DATA |           |           |           |          |          |          |  |
| XHOLDBIT | 5939/AND  | 5981=EQU  |           |           |          |          |          |  |
| XL0CBT   | 1054/CW   | 1926/LW   | 1927/LW   | 2239/CW   | 6097=EQU |          |          |  |
| XORS     | 1805/BR   | 6503=DATA |           |           |          |          |          |  |
| XP1BIT   | 4366/BE   | 4370=EQU  |           |           |          |          |          |  |
| XP2BIT   | 6453=EQU  |           |           |           |          |          |          |  |
| XP2BSE   | 1236/CI   | 1640/CI   | 1842/CI   | 2647/CI   | 2788/LI  | 6430=EQU |          |  |
| XP2COM   | 2663/B    | 2664=B    | 6325/SET  | 6327/VEC  | 6330/VEC | 6331/VEC | 6332/VEC |  |
| XP2FCN   | 6333/VEC  |           |           |           |          |          |          |  |
| XP2FM    | 1758/BEZ  | 2646=EQU  |           |           |          |          |          |  |
| XP2VEC   | 2641/LW   | 6072=GEN  |           |           |          |          |          |  |
| XS       | 1237/BANZ | 2619=EQU  |           |           |          |          |          |  |
| XSETBIT  | 2662/LB   | 6326=EQU  |           |           |          |          |          |  |
| XSTPBIT  | 4371/STW  | 4420/LH*  | 4422/STH* | 6802=RES  |          |          |          |  |
| X12      | 3645/CI   | 6514=EQU  |           |           |          |          |          |  |
| X7FFF    | 1816/BR   | 2669/BR   | 4142/BR   | 6508=DATA |          |          |          |  |
|          | 2802/AND  | 6064=DATA |           |           |          |          |          |  |



|         |           |            |            |          |           |          |
|---------|-----------|------------|------------|----------|-----------|----------|
|         | 1057/AND  | 1406/AND   | 1428.2/AND | 5596/AND | 6067-DATA |          |
| X80     |           |            |            |          |           |          |
|         | 200/REF   | 4237/BR    |            |          |           |          |
| X80S    |           |            |            |          |           |          |
|         | 6051-DATA |            |            |          |           |          |
| X8000   |           |            |            |          |           |          |
|         | 242/REF   | 6082/EQU   |            |          |           |          |
| YBANGRB |           |            |            |          |           |          |
|         | 1769/BR   | 6025-DATA  |            |          |           |          |
| YFF     |           |            |            |          |           |          |
|         | 199/REF   | 1160/AND   | 4180/CW    |          |           |          |
| YFFFF   |           |            |            |          |           |          |
|         | 198/REF   | 1618/AND   | 3553/AND   |          |           |          |
| YBUR0N  |           |            |            |          |           |          |
|         | 3843/LI   | 6958-TEXTC | 6959/EQU   | 6960/EQU | 6961/EQU  |          |
| YBUR0N1 |           |            |            |          |           |          |
|         | 3840/STD  | 3842/STH   | 6959-EQU   |          |           |          |
| YBUR0N2 |           |            |            |          |           |          |
|         | 3839/STW  | 6960-EQU   |            |          |           |          |
| YBUR0N3 |           |            |            |          |           |          |
|         | 3836/STD  | 6961-EQU   |            |          |           |          |
| Y00FF   |           |            |            |          |           |          |
|         | 233/REF   |            |            |          |           |          |
| Y0008   |           |            |            |          |           |          |
|         | 241/REF   | 6445/EQU   |            |          |           |          |
| Y001    |           |            |            |          |           |          |
|         | 240/REF   | 6446/EQU   |            |          |           |          |
| Y002    |           |            |            |          |           |          |
|         | 198/REF   | 3171/LW    |            |          |           |          |
| Y004    |           |            |            |          |           |          |
|         | 222/REF   | 6453/EQU   |            |          |           |          |
| Y008    |           |            |            |          |           |          |
|         | 225/REF   | 6443/EQU   |            |          |           |          |
| Y01     |           |            |            |          |           |          |
|         | 199/REF   | 1228/AW    | 5634/SW    | 6104/EQU | 6105/EQU  | 6452/EQU |
| Y02     |           |            |            |          |           |          |
|         | 225/REF   | 5236.1/LW  | 6103/EQU   |          |           |          |

|          |            |            |          |           |          |          |          |
|----------|------------|------------|----------|-----------|----------|----------|----------|
| Y04      | 198/REF    | 632/AW     | 665/AW   | 3251/AW   | 6102/EQU | 6444/EQU |          |
| Y05      | 225/REF    | 641/AW     |          |           |          |          |          |
| Y07      | 222/REF    |            |          |           |          |          |          |
| Y08      | 199/REF    | 6098/EQU   | 6431/EQU |           |          |          |          |
| Y1       | 199/REF    | 6097/EQU   | 6101/EQU | 6427/EQU  |          |          |          |
| Y2       | 199/REF    | 6099/EQU   | 6425/EQU |           |          |          |          |
| Y3       | 225/REF    | 6100/EQU   |          |           |          |          |          |
| Y4       | 199/REF    | 1135/AW    | 6096/EQU | 6435/EQU  |          |          |          |
| Y8       | 198/REF    | 509/SW     | 1131/LW  | 2398/LW   | 4492/LW  | 6095/EQU | 6419/EQU |
| Y8IN     | 2394/B     | 2398=LW    |          |           |          |          |          |
| ZAPM     | 1.13/DEF   | 6869=TEXTC | 6870/EQU |           |          |          |          |
| ZAPM1    | 1.14/DEF   | 6870=EQU   |          |           |          |          |          |
| ZERO     | 3714/MBS   | 6853=EQU   |          |           |          |          |          |
| ZERPTR   | 3713/LW    | 6022=GEN   |          |           |          |          |          |
| OIPRI    | 6084=EQU   |            |          |           |          |          |          |
| 00PRI    | 1.29/DEF   | 790/AI     | 1046/CI  | 1141/AI   | 1143/AI  | 1229/LI  | 1326/AI  |
| 120ASTER | 1440.15/AI | 2543/CI    | 4991/AI  | 5527/AI   | 6087=EQU |          |          |
| 27LRR    | 2258/LW    | 2763/CI    | 4254/LI  | 6164=DATA |          |          |          |
|          | 3527/BANZ  | 3880=EQU   |          |           |          |          |          |

|          |           |             |           |           |         |         |           |
|----------|-----------|-------------|-----------|-----------|---------|---------|-----------|
| 2780BIT  | 1821/CW   | 3526/CW     | 3579/LW   | 3719/CW   | 4766/CW | 4816/OR | 6449=DATA |
| 2780CU   | 206/SREF  | 4813/LI     | 6033/DATA |           |         |         |           |
| 2780I8   | 206/SREF  | 4810/LI     | 6032/DATA |           |         |         |           |
| 3ZER8    | 1340/AI   | 6063=DATA   |           |           |         |         |           |
| 37BUFDIF | 3722/LI   | 6491= EQU   |           |           |         |         |           |
| 3780BIT  | 3723/CW   | 4768/CW     | 4768.2/SW | 6451=DATA |         |         |           |
| 80*ST1   | 3731/B    | 3735= EQU   |           |           |         |         |           |
| 80*ST2   | 3724/BANZ | 3732= EQU   |           |           |         |         |           |
| 80BLNK   | 2898/STB  | 2899/LI     | 2982/LW   | 3198/OR   | 4875/LI | 5569/OR | 5581/OR   |
|          | 5590/LW   | 5598/LW     | 5612/LW   | 5613/LW   | 5671/LW | 5726/OR | 5771/LW   |
|          | 6034/DATA | 6166=TEXTC  |           |           |         |         |           |
| #GFC     | 335/CI    | 327.48= EQU |           |           |         |         |           |
| #RBCCS   | 1619/LI   | 6242= EQU   | 6243/EQU  |           |         |         |           |
| #RES8PTS | 6389/DATA | 6406= EQU   |           |           |         |         |           |
| #SIZ8PS  | 6338/DATA | 6343= EQU   |           |           |         |         |           |
| #SPCGFC  | 958.20/CI | 958.29= EQU |           |           |         |         |           |
| #STRM    | 2457/LW   | 3671/CW     | 6981= EQU |           |         |         |           |

```

*S*          SYSTEM  SIG7FDP
*
*
*
*M*          RBBATM  SYMBIANT FILE AND REMOTE PROCESSING MANAGEMENT
*
*
*P*          NAME:    RBBATM
*P*
*P*          PURPOSE: MAINTAINS AND MANAGES SYMBIANT FILE TABLES
*P*
*P*          CONTROLS REMOTE PROCESSING INCLUDING
*P*          LOGON - LOGOFF OF RP TERMINALS AND PROCESSING
*P*          REMOTE CONTROL COMMANDS
*P*
*P*          MAIN MODULE OF THE RBBAT GHOST WHICH ALSO
*P*          CONTAINS THE MULTI-BATCH RESOURCE SCHEDULER (MBS)
*P*          AND THE RBBAT RECOVERY ROUTINES (RBBATR)
*P*
*P*          DESCRIPTION:
*P*          RBBAT IS AWAKENED BY A CALL TO THE ROUTINE
*P*          SGCQ IN THE MONITOR ROOT. THIS CALL IS MADE
*P*          SPECIFYING A GHOST FUNCTION CODE (GFC) AND
*P*          PARAMETERS USED BY RBBAT TO EXECUTE THE
*P*          REQUESTED FUNCTION. THE GFC'S, ROUTINES CALLED,
*P*          AND FUNCTIONS PERFORMED ARE LISTED BELOW:
*P*
*P*          GFC          ROUTINE          FUNCTION
*P*
*P*          NBRGFC      CTR1          RELEASE BUFFER ONLY - NO ACTION
*P*          AIF         AIF           ADD CONTROL INPUT FILE (FROM SYMBIANT)
*P*          AIFJE       AIFJE          ADD CONTROL INPUT FILE (FROM JOBENT)
*P*          AIFNC       AIFNC          ADD NON-CONTROL INPUT FILE
*P*          ABFL        ABFL           ADD LAST OUTPUT FILE FROM BATCH JOB
*P*          ABF         ABF           ADD BATCH OUTPUT FILE
*P*          ABFNB       ABFNB          ADD OUTPUT FILE FROM ONLINE, GHOST, OR
*P*          JOBENT
*P*          ABFP        ABFP           ADD PARTIAL OUTPUT FILE FROM SYMBIANT

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|----|-----|-----------|---------|--|
| 38 | *P* | GOF       | GOF     | GET OUTPUT FILE (SYMBIONT)                 |
| 39 | *P* | GIFNC     | GIFNC   | GET NON-CONTROL INPUT FILE (FOR RPPLD)     |
| 40 | *P* | MBSGFC    | MBSCALL | CALL MBS TO MULTI-BATCH SCHEDULE           |
| 41 | *P* | PRI0GFC   | KPRI0   | EXECUTE PRI0 KEYIN                         |
| 42 | *P* | KDELGFC   | KDEL    | EXECUTE DELETE KEYIN                       |
| 43 | *P* | KFRMGFC   | KFORM   | EXECUTE SYYNDD, FIXXXXI KEYIN              |
| 44 | *P* | KDISPGFC  | KDISP   | EXECUTE DISP, DISP 0C, DISP SYMB, DISP     |
| 45 | *P* |           |         | OUTPUT, DISP N0RUN AND DISP 4SYSID5 KEYINS |
| 46 | *P* | JESTAT    | JESTAT  | PROCESS JOBENT STATUS REQUEST              |
| 47 | *P* | JEDEL     | JEDEL   | PROCESS JOBENT DELETE (CANCEL) RREQUEST    |
| 48 | *P* | SWITGFC   | KSWIT   | EXECUTE RBSWITCH KEYIN                     |
| 49 | *P* | KCOMGFC   | KCOM    | EXECUTE RBCOM KEYIN                        |
| 50 | *P* | SNDGFC    | KSEND   | EXECUTE RBBEND KEYIN                       |
| 51 | *P* | BCSTGFC   | KBCST   | EXECUTE RBBDCST KEYIN                      |
| 52 | *P* | DUP       | RB\$DU  | PROCESS NEW REMOTE TERMINAL CONNECTION     |
| 53 | *P* | L0RR      | RB\$LRR | PROCESS REMOTE LOGON RECORD - LOG THE      |
| 54 | *P* |           |         | STATION ON                                 |
| 55 | *P* | HUP       | RB\$HU  | PROCESS RP LINE DISCONNECT                 |
| 56 | *P* | 0CMGFC    | RB\$0CM | PROCESS IRBT CONSOLE INPUT MESSAGE         |
| 57 | *P* | RCVRGFC   | RCVRY   | CALL RBBATR TO PERFORM RBBAT RECOVERY      |
| 58 | *P* | RCVRGFC,1 | RCVRY,1 | MARKS POINT OF RECOVERY IN COMBUFS IN      |
| 59 | *P* |           |         | RBBAT RECOVERY FILE                        |
| 60 | *P* | KFCGFC    | KFFRM   | EXECUTE FORM 4SYSID5 KEYIN                 |

REFERENCE:

THE PARAMETERS PASSED WITH THE RBBAT CALLS ARE DOCUMENTED IN THE DATA BASE TECH MANUAL

|    |          |    |     |   |                                     |
|----|----------|----|-----|---|-------------------------------------|
| 67 | 00000000 | R0 | EQU | 0 | LINK TO FIND                        |
| 68 | 00000001 | R1 | EQU | 1 | PRI0 OF ENTRY .. BYTE COUNT IN SCAN |
| 69 | 00000002 | R2 | EQU | 2 | INDEX OF EXTRY                      |
| 70 | 00000003 | R3 | EQU | 3 | GENERAL TEMP                        |
| 71 | 00000004 | R4 | EQU | 4 | GENERAL TEMP .. SUBROUTINE LINK     |
| 72 | 00000005 | R5 | EQU | 5 | DCT INDEX                           |
| 73 | 00000006 | R6 | EQU | 6 | POINTER TO CURREND INPUT STRING     |
| 74 | 00000007 | R7 | EQU | 7 | POINTER TO MESSAGE FILE POSITION    |

H01

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|     |          |     |     |         |   |
|-----|----------|-----|-----|---------|---|
| 75  | 00000008 | R8  | EQU | 8       | GENERAL TEM                             |
| 76  | 00000009 | R9  | EQU | 9       | RB FLAGS                                |
| 77  | 0000000A | R10 | EQU | 10      | GENERAL TEMP                            |
| 78  | 0000000B | R11 | EQU | 11      | GENERAL TEMP                            |
| 79  | 0000000C | R12 | EQU | 12      | SYSID IN RBCC ROUTINES                  |
| 80  | 0000000D | R13 | EQU | 13      | GENERAL TEMP                            |
| 81  | 0000000E | R14 | EQU | 14      | GENERAL TEMP -- STRING POINTER          |
| 82  | 0000000F | R15 | EQU | 15      | GENERAL TEMP -- STRING POINTER          |
| 83  |          | *   |     |         |   |
| 84  |          | *   |     |         |   |
| 85  |          | *   |     |         |   |
| 86  |          | *   |     |         |   |
| 87  |          |     | DEF | RBG     | BASE OF RBBAT FOR GENMDING              |
| 88  |          |     | DEF | RBBP    | RBBAT PATCH AREA FOR GENMDING           |
| 89  |          |     | DEF | SDAA    | BASE OF RBBAT DATA FOR GENMDING         |
| 90  |          | *   |     |         |   |
| 91  |          |     | DEF | FIND    | BEGIN LINKING THROUGH THE BATCH QUEUE   |
| 92  |          | *,* |     |         | PRIORITY CHAINS                         |
| 93  |          |     | DEF | FIND1   | CONTINUE LINKING THROUGH THE BATCH      |
| 94  |          | *,* |     |         | QUEUE PRIORITY CHAINS                   |
| 95  |          |     | DEF | ADDRF   | LINK A FREE OUTPUT SLOT TO THE SPEC     |
| 96  |          | *,* |     |         | PRIORITY CHAIN                          |
| 97  |          |     | DEF | GET256  | GET A 256 WORD RBBAT DYNAMIC BUFFER     |
| 98  |          |     | DEF | FREE256 | FREE A 256 WORD RBBAT DYNAMIC BUFFER    |
| 99  |          |     | DEF | MOVEMES | WRITE A MESSAGE TO A MESSAGE FILE       |
| 100 |          |     | DEF | SETHDR  | OPEN A REMOTE PROCESSING MESSAGE FILE   |
| 101 |          | *,* |     |         | AND INSERT THE HEADER IF NECESSARY      |
| 102 |          |     | DEF | TEL60P1 | WRITE A MESSAGE ON THE 0C               |
| 103 |          |     | DEF | DEC     | CONVERT BINARY TO EBCDIC DECIMAL        |
| 104 |          |     | DEF | HEXC    | CONVERT BINARY TO EBCDIC HEX            |
| 105 |          | *   |     |         |   |
| 106 |          |     | DEF | SVIV    | SAVE SPECIAL RBBAT ENVIRONMENT          |
| 107 |          |     | DEF | SVIV1   | SAVE SPECIAL RBBAT ENVIRONMENT AND      |
| 108 |          | *,* |     |         | ABORT IF RECOVERY OCCURS                |
| 109 |          |     | DEF | SVREGS  | SAVE AREA FOR RBBAT SPECIAL ENVIRONMENT |
| 110 |          |     | DEF | SVZ     | ZERO IF SPECIAL RBBAT ENVIRONMENT IS    |
| 111 |          | *,* |     |         | PRESENT                                 |

|     |     |     |          |                                     |
|-----|-----|-----|----------|-------------------------------------|
| 112 | *   |     |          |                                     |
| 113 |     | DEF | ZAPM     | BATCH DUFUE LOST MESSAGE            |
| 114 |     | DEF | ZAPM1    | PLACE TO STORE CODE IN BATCH QUEUE  |
| 115 | *,* |     |          | LOST MESSAGE                        |
| 116 |     | DEF | RRM      | JOB WILL BE RERUN MESSAGE           |
| 117 |     | DEF | NRRM     | JOB CAN'T BE RERUN MESSAGE          |
| 118 |     | DEF | NRRM1    | PLACE TO STORE ACCOUNT IN NOT TO BE |
| 119 | *,* |     |          | RERUN MESSAGE                       |
| 120 |     | DEF | SYSD     | PLACE (INDEX) TO STORE SYSD IN STA  |
| 121 | *,* |     |          | RBBAT MESSAGES (EG RRM)             |
| 122 | *   |     |          |                                     |
| 123 |     | DEF | RUNPRI   | PRIORITY CHAIN INDEX - RUNNING JOBS |
| 124 |     | DEF | FIPRI    | PRIORITY CHAIN INDEX - IF PRIORITY  |
| 125 |     | DEF | FREI     | PRIORITY CHAIN INDEX - FREE INPUT S |
| 126 |     | DEF | FREQ     | PRIORITY CHAIN INDEX - FREE OUTPUT  |
| 127 |     | DEF | NCIPRI   | PRIORITY CHAIN INDEX - NON-CONTROL  |
| 128 |     | DEF | DELPRI   | PRIORITY CHAIN INDEX - FILES TO BE  |
| 129 |     | DEF | OOPRI    | PRIORITY CHAIN INDEX - 'O' PRIORITY |
| 130 |     | DEF | BHHPRI   | PRIORITY CHAIN HEADS                |
| 131 |     | DEF | BHHPRI   | PRIORITY CHAIN TAILS                |
| 132 | *   |     |          |                                     |
| 133 |     | DEF | BSCBTS   | HASPBIT+2780BIT FOR RBIFLAG TESTS   |
| 134 |     | DEF | RRBIT    | RERUN SPECIFIED BIT IN BW:SDA       |
| 135 |     | DEF | RRRBIT   | ALREADY RERUN BIT IN BW:SDA         |
| 136 |     | DEF | JEBIT    | JOBENT SUBMITTED BIT IN BW:SDA      |
| 137 | *   |     |          |                                     |
| 138 |     | DEF | BIASPEN  | 4 WORD AREA FOR MBS TO BUILD TEMP   |
| 139 | *,* |     |          | COPY OF DEVICE OWNERSHIP BITS       |
| 140 |     | DEF | BSLICRES | 8 WORD AREA FOR MBS TO BUILD TEMP   |
| 141 | *,* |     |          | AVAILABLE RESOURCES TABLE           |
| 142 |     | DEF | BBICRES  | 4 WORD AREA FOR MBS TO COUNT UP     |
| 143 | *,* |     |          | RESOURCE REQUIREMENTS FOR UNMOUNTED |
| 144 | *,* |     |          | SHARED SPINDLES                     |
| 145 |     | DEF | BADRS    | WORD ADDRESS OF B+WIFES FOR THE GUY |
| 146 | *,* |     |          | WE ARE WORKING ON                   |
| 147 | *   |     |          |                                     |
| 148 |     | DEF | TMPSTK   | RBBAT'S TEMP STACK                  |





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REF BBIDEV, BB:PI, BB:RID, BH:SLNK, BH:XLNK  
 REF BDI:ACCT, BH:LINK, BH:SID, BH:PART  
 REF BH:TIME, B4W:RES, BW:SDA  
 REF SCNTXT  
 REF S#H:LNK, S#WISER  
 REF BH:GRAN  
 REF DCTS:2, DCT:16, DCT:4, DCT:7, BCDCT  
 REF E:ABRT, E:SL, T:REG, T:RUE, E:UQA, E:SYMP, T:RE  
 REF GMB, RMB, MBS, MBSOP, GETUSER#, GBG  
 REF NEWQ, NEWQNW, BH:NM  
 REF M16, M24, M8, XF, YFFFF, Y04, Y8, Y002  
 REF Y4, Y2, Y1, Y08, Y01, M7, YFF  
 REF X80  
 REF NXTSID, S:BFIS, SGCHD, SGCBUF  
 REF SSIG, SNDDX, SAGNSERT, SSTAT, SL:BMX  
 REF RBL:MS, RBB:ID, RB:MFAD, RB:SPMF, LCLX  
 SREF RB:FLAG, RBB:CPZ, RBB:LPZ, RB:XFLG  
 SREF RBB:MXP, RBD:WSN, T:FOIDBT  
 SREF HASPI8, 2780I8, HASPCU, 2780CU  
 REF DCT:8, DCT:9, TIGJOBSTRT  
 REF MIXX, SIMBSF  
 REF RCVRABRT, LRRCVR, RCVRY, RCVRY1  
 REF INFIL, OUTFIL, BL:OFS, BL:IFS, MFS  
 REF S:CUN, MP00L, CURBQ, MAXBQ, U:MISC  
 REF SISBGC  
 SREF RB:BUF, RBB:HFE, RBB:SMO, RBB:BCB  
 SREF RBB:MIN, RBB:MOU, ML:CTL  
 SREF STB:LNK, STH:FLG  
 REF M5, STB:TYP, DCT:MASK, MXSTRM, RBH:MFX  
 REF TB:SZ  
 SREF STH:NM, STH:ISUS  
 SREF OCPTY, BB:JDE, STB:JDE, BW:FOVL, STW:FOV  
 SREF RBB:DSM, STB:DPD  
 REF BB:ICOPY, BW:FORM, STW:FORM  
 REF Y07, Y004, M15

|     |    |          |         |  |                                     |
|-----|----|----------|---------|--|-------------------------------------|
| 223 |    |          | REF     | JIT, SYMX, SMUIS, TIME, DATE, RISYMF, SBIRQ, BOOTFLG |                                     |
| 224 |    |          | REF     | SICUIS, CIETM, SIBUIS                                |                                     |
| 225 |    |          | REF     | Y3, Y008, Y05, Y02                                   |                                     |
| 226 |    |          | REF     | SVIRSIZ, SHIRNM, SBIRBMX, SBIRBDF                    |                                     |
| 227 |    |          | REF     | SVITI, SLIBDF  |                                     |
| 228 |    |          | REF     | S#BITYP, OBIBTX, SHIRTOT, SBIRTY, TBIFLGS            |                                     |
| 229 |    |          | SREF    | HARIDBT, HSEIDBT, HRSIDBT                            |                                     |
| 230 |    |          | REF     | T, STLPP, T, RSPP, S, STLC                           |                                     |
| 231 |    |          | REF     | SWTINIT, SPOOL, SWTUC                                |                                     |
| 232 |    |          | REF     | SVITYM, SHISYMT                                      | CHK ON THIS IN MON                  |
| 233 |    |          | REF     | SCSVDGI, SCSWIT, YOOFF                               |                                     |
| 234 |    |          | SREF    | HOCMP1   |                                     |
| 235 |    |          | REF     | TSTACK, BLANK, TBIMAX                                |                                     |
| 236 |    |          | SREF    | MVREC, PSRCB   |                                     |
| 237 |    |          | REF     | TYPMNSZ, RELCB, SWTEND                               |                                     |
| 238 |    |          | REF     | BT3ITAO, LPART, PLHIFLG                              |                                     |
| 239 |    |          | REF     | LBIPRI08   |                                     |
| 240 |    |          | REF     | Y001   |                                     |
| 241 |    |          | REF     | Y0008  |                                     |
| 242 |    |          | REF     | X8000  | MASK                                |
| 243 |    |          | REF     | BHIC0MID   | COMODE ID OF SYMBIONT FILES         |
| 244 |    |          | REF     | STHICMDV   | COMODE ID OF FILE CURRENTLY         |
| 245 |    |          |         |  | PRINTING ON SYMBIONT DEVICE         |
| 246 |    |          | REF     | PLB,USR  | USER NO. OF USER IN A PARTITION     |
| 247 |    |          | REF     | PLHISID  | SYSID OF JOB CURRENTLY IN PARTITION |
| 248 |    |          |         |  | *****                               |
| 249 | 02 | 00000    |         | CSECT  | 1                                   |
| 250 |    | 02 00000 | RBG     | EQU  | *                                   |
| 251 |    | 02 00000 | INITRBG | EQU  | *                                   |
| 252 | 02 | 00000    |         | LC   | JIT                                 |
| 253 | 02 | 00001    |         | BCS,4  | *+2                                 |
| 254 | 02 | 00002    |         | CAL1,9   | 1                                   |
| 255 | 02 | 00003    |         | LW,RO  | BOOTFLG                             |
| 256 | 02 | 00004    |         | BEZ  | *+3                                 |
| 257 | 02 | 00005    |         | CAL1,8   | WAIT                                |
| 258 | 02 | 00006    |         | B  | *+3                                 |
| 259 | 02 | 00007    |         | CAL1,6   | GTPG                                |

MASTER MODE

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|     |    |       |          |    |
|-----|----|-------|----------|----|
| 260 | 02 | 00008 | 048011E5 |    |
| 261 | 02 | 00009 | 32100000 | X  |
| 262 | 02 | 0000A | 73820000 | X  |
| 263 | 02 | 0000B | 120011FA |    |
| 264 | 02 | 0000C | 6AA00000 | X  |
| 265 |    | 02    | 0000D    |    |
| 266 | 02 | 0000D | 22000000 | N  |
| 267 | 02 | 0000E | 69300013 |    |
| 268 | 02 | 0000F | 22100034 | A  |
| 269 | 02 | 00010 | 75100349 | 03 |
| 270 | 02 | 00011 | 2210001F | A  |
| 271 | 02 | 00012 | 751003E0 | 03 |
| 272 |    | 02    | 00013    |    |
| 273 | 02 | 00013 | 22100000 | N  |
| 274 | 02 | 00014 | 22300007 | N  |
| 275 | 02 | 00015 | 22000359 | 03 |
| 276 | 02 | 00016 | 6A7010E0 |    |
| 277 | 02 | 00017 | 22100004 | A  |
| 278 | 02 | 00018 | 21100000 | N  |
| 279 | 02 | 00019 | 6820001B |    |
| 280 | 02 | 0001A | 22100000 | N  |
| 281 | 02 | 0001B | 32300001 | A  |
| 282 | 02 | 0001C | 20300007 | A  |
| 283 | 02 | 0001D | 22000376 | 03 |
| 284 | 02 | 0001E | 22700037 |    |
| 285 | 02 | 0001F | 680010E0 |    |
| 286 |    | 02    | 00020    |    |
| 287 | 02 | 00020 | 321000D3 | 03 |
| 288 | 02 | 00021 | 6930002C |    |
| 289 | 02 | 00022 | 46100002 | 03 |
| 290 | 02 | 00023 | 6D000037 | A  |
| 291 | 02 | 00024 | 72200000 | X  |
| 292 | 02 | 00025 | F5200001 | A  |
| 293 | 02 | 00026 | 20100000 | N  |
| 294 | 02 | 00027 | 75100000 | X  |
| 295 | 02 | 00028 | 6D000027 | A  |
| 296 | 02 | 00029 | 20200000 | A  |

|        |         |                |
|--------|---------|----------------|
|        | CAL1,8  | IGTRAPS        |
|        | LW,R1   | S,CUN          |
|        | MTB,=8  | UBIPRI0B,R1    |
|        | LD,R0   | TCAT           |
|        | BAL,R10 | TIGJOBSTRT     |
| KDSETM | EQU     | *              |
|        | LI,R0   | BWIF0VL        |
|        | BNEZ    | KDST1          |
|        | LI,R1   | NO0MS7         |
|        | STB,R1  | DISMES0        |
|        | LI,R1   | SMDMN7         |
|        | STB,R1  | SYMDM          |
| KDST1  | EQU     | *              |
|        | LI,R1   | SVIRSIZ        |
|        | LI,R3   | RESINX*SVIRSIZ |
|        | LI,R0   | DISMESIR       |
|        | BAL,7   | SETDM          |
|        | LI,R1   | 4              |
|        | CI,R1   | SVIRSIZ        |
|        | BLE     | *+2            |
|        | LI,R1   | SVIRSIZ        |
|        | LW,R3   | R1             |
|        | AI,R3   | RESINX         |
|        | LI,R0   | DISMESIN       |
|        | LI,R7   | CONTROL        |
|        | B       | SETDM          |
| CTR1   | EQU     | *              |
|        | LW,R1   | RCVRFLG        |
|        | BNEZ    | CTR4           |
|        | XW,R1   | SVCBF          |
|        | WD,0    | X'37'          |
|        | LB,R2   | SGCHD          |
|        | STB,R2  | *R1            |
|        | AI,R1   | *SGCBUF        |
|        | STB,R1  | SGCHD          |
|        | WD,0    | X'27'          |
|        | AI,R2   | 0              |

TO GET JIT DA  
BUILD DISPLAY MESSAGES

-----  
RELEASE THE CURRENT COMBUF  
TO THE FREE CHAIN, IF IT  
IS THE ONLY FREE ONE,  
RECORD SYMFILE AVAILABLE  
EVENT  
!  
!  
!  
!  
!

```

1514C SEP 08, 175
297 02 0002A 4930002C
298 02 0002B 4A300C56
299      02 0002C
300 02 0002C 19500000 X
301 02 0002D 49900035
302 02 0002E 4D000037 A
303 02 0002F 328A0000 X
304 02 00030 4580149B
305 02 00031 4B90149C
306 02 00032 49800009 A
307 02 00033 358A0000 X
308      02 00034
309 02 00034 4D000027 A
310      02 00035
311 02 00035 321000D3 03
312 02 00036 F93000D4 03
313      02 00037
314 02 00037 227000FF A
315 02 00038 4A700000 X
316 02 00039 4830006D
317 02 0003A 20700000 N
318 02 0003B 35700002 03
319 02 0003C 4D000037 A
320 02 0003D F2100007 A
321 02 0003E 49300041
322 02 0003F 22200001 A
323 02 00040 75140000 X
324 02 00041 22200003 A
325 02 00042 75140000 X
326 02 00043 4D000027 A
327 02 00044 F2240007 A
328      02 00045
329 02 00045 22100001 A
330 02 00046 F2320007 A
331 02 00047 353000ED 03
332 02 00048 22100002 A
333 02 00049 F2520007 A
    
```

CTR4

CTR2

CTR6

CONTROL

CTR5

```

BNEZ      CTR4
BAL,R3    SYMF
EQU        $
CLM,R5    RBLIMS
BCS,9     CTR6
WD,0      X'37'
LW,R8     RBIFLAG,R5
AND,R8    MSKH
AND,R9    MSKG
BR,R8     R9
STW,R8    RBIFLAG,R5
EQU        $
WD,0      X'27'
EQU        $
LW,R1     RCVRFLG
BNEZ      *RCVRPTR
EQU        $
LI,R7     X'FF'
LS,R7     SGCHD
BEZ       CTR3
AI,R7     SGCBUF
STW,R7    SVCBF
WD,0      X'37'
LB,R1     *R7
BNEZ      *+3
LI,R2     1
STB,R1    SGCHD,R2
LI,R2     3
STB,R1    SGCHD,R2
WD,0      X'27'
LB,R2     *R7,R2
EQU        $
LI,R1     1
LB,R3     *R7,R1
STW,R3    SYMINDX
LI,R1     2
LB,R5     *R7,R1
    
```

```

I
I
-----
IF REQUEST INVOLVED AN RBT
COMBINE NEWLY MODIFIED GHOST
FLAGS WITH LATEST HANDLER
FLAGS AND STORE IN RBIFLAG
SOME FLAGS ARE CONTROLLED
BY THE GHOST AND OTHERS BY THE
HANDLER. THOSE BOTH CONTROL ARE
SPECIAL CASED
-----
IF GHOST RECOVERY IS IN CONTROL
THE COMMUNICATION BUFFERS ARE
SPECIALLY TREATED IN RCVR
I
-----
GET THE NEXT COMBUF FROM THE USE
CHAIN. IF THERE ARE NONE GO
TO SLEEP. SET R5=DCT INDEX
AND R9=RBIFLAGS (IF REMOTE)
THEN GO TO APPROPRIATE ROUTINE
BASED ON GHOST FUNCTION CODE
I
I
    
```

334 02 0004A 329A0000 X  
 335 02 0004B 2120001E A  
 336 02 0004C 69200020  
 337 02 0004D 6804004E

LW,R9 RBIFLAG,R5  
 CI,R2 #GFC  
 BQ CTR1  
 B \$+1,R2  
 NAME: RBBATM CTR (CONTROL)

1\*  
2\*  
3\*  
4\*  
5\*  
6\*  
7\*  
8\*  
9\*  
10\*  
11\*  
12\*  
13\*  
14\*  
15\*  
16\*

\*D\*  
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\*,\*

DESCRIPTION:  
 GFCSTRT IS THE CENTRAL JUMP TABLE FOR ALL RBBAT GHOST  
 FUNCTION CODES. FORMAT OF THE ARGUMENTS IN THE COMBUF  
 POINTED AT BY R7 MAY BE FOUND IN THE DATA BASE TECH. MANUAL.  
 REGISTERS SETUP HERE FOR ALL LATER PROCESSING ROUTINES ARE:

R1 THE VALUE 2 FOR INDEXING  
 R2 THE GFC BEING PROCESSED  
 R3(SYMINDX) USUALLY THE SYMBIONT INDEX FROM  
 COMBUF BYTE 1.  
 R5 USUALLY THE DCT INDEX OF THE DEVICE  
 AFFECTED BY THE GFC.  
 R7 POINTS AT THE COMBUF(WORD ADR).  
 R9 RBIFLAG,R5 THE RBT FLAG WORD.

17\* 02 0004E 68000020  
 18\* 02 0004F 68000096  
 19\* 02 00050 68000091  
 20\* 02 00051 680000BC  
 21\* 02 00052 6800033C  
 22\* 02 00053 68000338  
 23\* 02 00054 68000341  
 24\* 02 00055 68000314  
 25\* 02 00056 680001F1  
 26\* 02 00057 68000165  
 27\* 02 00058 68000F7B  
 28\* 02 00059 68000E96  
 29\* 02 0005A 68000EAF  
 30\* 02 0005B 68000F7E  
 31\* 02 0005C 68000F9F  
 32\* 02 0005D 68000F65  
 33\* 02 0005E 68000F51

GFCSTRT B CTR1 00 NOP \* RELEASE BUFFER ONLY  
 B AIF 01 ADD INPUT FILE  
 B AIFJE 02 ADD INPUT FILE (JOBENT)  
 B AIFNC 03 ADD INPUT FILE (NON-CONTROL)  
 B ABFL 04 ADD OUTPUT FILE (LAST)  
 B ABF 05 ADD OUTPUT FILE FROM BATCH  
 B ABFNB 06 ADD OUTPUT FILE NON-BATCH  
 B ABFP 07 ADD PARTIAL OUTPUT FILE  
 B GBF 08 GET OUTPUT FILE  
 B GIFNC 09 GET INPUT FILE (NON-CONTROL)  
 B MBSCALL 0A 10 MULTI-BATCH SCHEDULE  
 B KPRI0 0B 11 PRI0 KEYIN  
 B KDEL 0C 12 DELETE KEYIN  
 B KFORM 0D 13 KEYIN SYNDD,FIFORMI  
 B KDISP 0E 14 DISPLAY KEYIN  
 B JESTAT 0F 15 JOBENT STATUS REQUEST  
 B JEDEL 10 16 JOBENT DELETE REQUEST

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34\* 02 0005F 68000ED5  
 35\* 02 00060 68000E5E  
 36\* 02 00061 68000E4E  
 37\* 02 00062 68000E1D  
 38\* 02 00063 68000077  
 39\* 02 00064 680009DE  
 40\* 02 00065 68000DAE  
 41\* 02 00066 68000448  
 42\* 02 00067 68000000 X  
 43\* 02 00068 68000000 X  
 44\* 02 00069 68000E8A  
 45\* 02 0006A 680011C5  
 46\* 02 0006B 680001B6  
 47\* 02 0006C 680011CD  
 48\* 0000001E  
 49\*

|   |         |    |    |                                     |
|---|---------|----|----|-------------------------------------|
| B | KSWIT   | 11 | 17 | RBSWITCH KEYIN                      |
| B | KCOM    | 12 | 18 | RBCOM KEYIN(SEND A COMMAND REMOTE)  |
| B | KSEND   | 13 | 19 | RBSEND KEYIN                        |
| B | KBCST   | 14 | 20 | RBBDCST KEYIN                       |
| B | RB0DU   | 15 | 21 | RBT DIAL UP                         |
| B | RB0LRR  | 16 | 22 | RBT LOGON RECORD RECIEVED           |
| B | RB0HU   | 17 | 23 | RBT HANG UP                         |
| B | RB0BCM  | 18 | 24 | OC MSG REMOTELY                     |
| B | RCVRY   | 19 | 25 | RECOVER REQUEST                     |
| B | RCVRY1  | 1A | 26 | RECOVERY OCCURED HERE               |
| B | KFFRM   | 1B | 27 | SET FILE FORMS                      |
| B | K0STOP  | 1C | 28 | OUTPUT STOP,YYNDD KEYIN             |
| B | RBBSPCL | 1D | 29 | RBBAT SPECIAL INTERNAL CODES(MAGIC) |
| B | KFLUSH  | 1E | 30 | FLUSH YYNDD, ID KEYIN               |

#GFC EQU \*1-GFCSTRT  
 \*\*\*\*\*

369 02 0006D 32100000 X  
 370 02 0006D 32100000 X  
 371 02 0006E 22B7FFFF A  
 372 02 0006F 35B20000 X  
 373 02 00070 6D000037 A  
 374 02 00071 221000FF A  
 375 02 00072 31100000 X  
 376 02 00073 69400034  
 377 02 00074 22600000 N  
 378 02 00075 22B00034  
 379 02 00076 68000000 X

CTR3 EQU \$  
 LW,R1 S;CUN  
 LI,R11 X'17FFFF'  
 STW,R11 U;MISC,R1 SLEEP FOREVER  
 WD,0 X'137'  
 LI,R1 X'1FF'  
 CHECK TO SEE IF THERE  
 ARE STILL NO ACTIVE COMBUFS  
 IF NOT REG TO SLEEP  
 CW,R1 SGCHD  
 BANZ CTR2  
 LI,R6 EISL  
 LI,R11 CTR2  
 B TIREG

380  
 381  
 382  
 383  
 384  
 385  
 386  
 387  
 388  
 389

\*\*\*\*\*  
 \*  
 \*  
 \*F\* NAME: RB0DU  
 \*F\*  
 \*F\* PURPOSE: PROCESS RBBAT COMBUF WITH GFC = DUP = REMOTE LINE CONN  
 \*F\*  
 \*F\* DESCRIPTION:  
 \*F\* THE OPERATOR IS INFORMED THAT THE LINE IS CONNECTED.



```

423      02 0007F
424      02 0007F      22401270
425      02 00080      6A800B8F
426      02 00081      209FFF00 A
427      02 00082      68000020
428      02 00083
429      02 00083      22A00A12
430      02 00084      3590005A 03
431      02 00085      32600005 A
432      02 00086      25600001 A
433      02 00087      20600000 N
434      02 00088
435      02 00088      22100007 A
436      02 00089      22E00040 A
437      02 0008A      F1E20006 A
438      02 0008B      6930008D
439      02 0008C      6410008A
440      02 0008D      20100001 A
441      02 0008E      25600002 A
442      02 0008F      30600001 A
443      02 00090      680008C3
444
445
446
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455
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457
458
459
    
```

```

RBDU1 EQU $
      LI,R4 SALUTE
      BAL,R8 TEL,RBT
      AI,R9  CTRBIT
      B      CTR1

AUTO$LOG EQU $
      LI,R10 LRR2
      STW,R9  FLAGS
      LW,R6   R5
      SLS,R6  1
      AI,R6   RBDIWSN

A$L1 EQU $
      LI,R1   7
      LI,R14  1 1
      CB,R14  *R6,R1
      BNE     $+2
      BDR,R1  $=2
      AI,R1   1
      SLS,R6  2
      AW,R6   R1
      B      PID0
    
```

```

*
*
*F*      NAME:      AIFJE
*F*
*F*      PURPOSE:  PROCESS RBBAT COMBUF WITH GFC = AIFJE = ADD CONTROL I
*F*      FILE FROM JOBENT
    
```

```

*F*      DESCRIPTION:
*F*      AIFJE SETS UP THE STANDARD LOCAL DCT INDEX, PICKS UP
*F*      SYSID FROM THE COMBUF, AND SETS THE JOBENT SUBMITTED
*F*      BIT WHERE IT WILL EVENTUALLY WIND UP IN BWISDA. IT
*F*      THEN ENTERS AIF, SKIPPING THE CALCULATION OF THE SYSI
    
```

\*\*\*\*\*



460 02 00091 22500000 N  
 461 02 00092 32CE0002 A  
 462 02 00093 32B00000 X  
 463 02 00094 47BE0001 A  
 464 02 00095 68000097

AIFJE

EQU \$ ADD INPUT FILE (JOBENT)  
 LI,R5 LCLX SET DCT NON-REMOTE AND  
 LW,R12 2,R7 COLLECT SYSID AND TYPE  
 LW,R11 JEBIT  
 STS,R11 1,R7  
 B \$+2 FROM JOBENT.

466 \*  
 467 \*  
 468 \*F\*  
 469 \*F\*  
 470 \*F\*  
 471 \*F\*  
 472 \*F\*  
 473 \*F\*  
 474 \*F\*  
 475 \*F\*  
 476 \*F\*  
 477 \*F\*  
 478 \*F\*  
 479 \*F\*  
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 481 \*F\*  
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 483 \*F\*  
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 491 \*F\*  
 492 \*F\*  
 493 \*F\*  
 494 \*  
 495 \*  
 496

NAME: AIF

PURPOSE: PROCESS RBBAT COMBUF WITH GFC = AIF • ADD CONTROL INPUT FILE FROM SYMBIONT DEVICE

DESCRIPTION:

AIF GETS A SYSID FOR THE NEW JOB AND SAVES IT IN CURS FOR DBJOB AND RSID FOR RBBATR. IT THEN GETS AN INPUT BATCH QUEUE SLOT AND STORES THE DISC ADDRESS FROM THE COMBUF INTO ITS BWSIDA. IF THE FIN BIT IS SET IN THE D.A., FINFLG IS SET FOR RBCCOUT. THE BATCH QUEUE SLOT INDEX IS SAVED IN ADDX FOR EASY REFERENCE DOWN THE AIF PATH. IF WE ARE RECOVERING AND PAST THE POINT OF THE RECOVERY, RBBATR IS CALLED TO DELETE THE PARTIAL AND TELL THE OPERATOR. IF THIS IS A PARTIAL FILE FROM A DISCONNECTED RBT IT IS DELETED. A 256 WORD BUFFER OBTAINED, THE FIRST SECTOR OF THE JOB FILE IS READ INTO IT, AND REGISTERS ARE SET UP FOR THE SCAN OF THE RECORD. IF THE FILE CAME IN FROM AN RBT AIF EXITS TO RBCCS TO PROCESS ANY RB CONTROL COMMANDS THAT MAY BE IN THE FRONT OF THE JOB AND CONTINUE JOB PROCESSING. FOR LOG FILES THE FIRST RECORD IS CHECKED FOR JOB AND IF IT IS NOT THE MISSING JOB COMMAND MESSAGE IS PRINTED AND THE RECORD IS DELETED. IF THE JOB COMMAND IS THERE, AIF EXITS TO CONTINUE PROCESSING THE JOB.

02 00096

AIF

EQU \$

ADD INPUT FILE

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|     |    |       |          |    |
|-----|----|-------|----------|----|
| 497 | 02 | 00096 | 6AB00000 | X  |
| 498 | 02 | 00097 | 35C00054 | 03 |
| 499 | 02 | 00098 | 55C00073 | 03 |
| 500 |    | 02    | 00099    |    |
| 501 | 02 | 00099 | 22300024 | A  |
| 502 | 02 | 0009A | 52260024 | 03 |
| 503 | 02 | 0009B | 22A000A6 |    |
| 504 |    | 02    | 0009C    |    |
| 505 | 02 | 0009C | 6D000037 | A  |
| 506 | 02 | 0009D | 22FE0001 | A  |
| 507 | 02 | 0009E | 681000A1 |    |
| 508 | 02 | 0009F | 33100057 | 03 |
| 509 | 02 | 000A0 | 38F00000 | X  |
| 510 | 02 | 000A1 | 35F40000 | X  |
| 511 | 02 | 000A2 | 22600000 | A  |
| 512 | 02 | 000A3 | 356E0001 | A  |
| 513 | 02 | 000A4 | 6D000027 | A  |
| 514 | 02 | 000A5 | 6800000A | A  |
| 515 |    | 02    | 000A6    |    |
| 516 | 02 | 000A6 | 3520004B | 03 |
| 517 | 02 | 000A7 | 726000D3 | 03 |
| 518 | 02 | 000A8 | 69300000 | X  |
| 519 | 02 | 000A9 | 19500000 | X  |
| 520 | 02 | 000AA | 699000AD |    |
| 521 | 02 | 000AB | 726A0000 | X  |
| 522 | 02 | 000AC | 683000BE |    |
| 523 |    | 02    | 000AD    |    |
| 524 | 02 | 000AD | 326000D8 | 03 |
| 525 | 02 | 000AE | 693000B1 |    |
| 526 | 02 | 000AF | 6A600CF9 |    |
| 527 | 02 | 000B0 | 357000D8 | 03 |
| 528 | 02 | 000B1 | 6A400416 |    |
| 529 | 02 | 000B2 | 19500000 | X  |
| 530 | 02 | 000B3 | 689003BC |    |
| 531 | 02 | 000B4 | 22500000 | N  |
| 532 | 02 | 000B5 | 22300BF1 |    |
| 533 |    | 02    | 000B6    |    |

AIFX

GDA

AIF1

AIF2

CKJB

|         |            |
|---------|------------|
| BAL,R11 | NXTSID     |
| STW,R12 | CURSID     |
| STH,R12 | RSID       |
| EQU     | \$         |
| LI,R3   | FREI       |
| LW,R2   | BHIHPRI,R3 |
| LI,R10  | AIF1       |
| EQU     | \$         |
| WD,0    | X'37'      |
| LW,R15  | 1,R7       |
| BGEZ    | \$+3       |
| MTW,1   | FINFLG     |
| SW,R15  | Y8         |
| STW,R15 | BWISDA,R2  |
| LI,R6   | 0          |
| STW,R6  | 1,R7       |
| WD,0    | X'27'      |
| B       | *R10       |
| EQU     | \$         |
| STW,R2  | ADDX       |
| LB,R6   | RCVRFLG    |
| BNEZ    | RCVRABRT   |
| CLM,R5  | RBLIMS     |
| BCS,9   | AIF2       |
| LB,R6   | RBB:ID,R5  |
| BEZ     | DELJOB     |
| EQU     | \$         |
| LW,R6   | SECT       |
| BNEZ    | \$+3       |
| BAL,R6  | GET256     |
| STW,R7  | SECT       |
| BAL,R4  | RESET      |
| CLM,R5  | RBLIMS     |
| BCR,9   | RB*CCS     |
| LI,R5   | LCLX       |
| LI,R3   | NO*JOB     |
| EQU     | \$         |

GET NEXT SYSID (TYPE=0)  
 GET A QUEUE ENTRY AND PUT

THE DISC ADDRESS AWAY. IF  
 Y8 IS SET IN DA SET FINFLG.

IF THIS FILE ADDED BY RECOVERY  
 DELETE IT AND TELL THE OPERATOR  
 IF FROM AN RBT THAT HAS HUNG UP  
 DELETE IT. OTHERWISE GET A BUFFER  
 AND READ THE FIRST SECTOR  
 FROM THE RAD. IF DCTX IS REMOTE  
 GO TO RB\*CCS. IF NOT CHECK FOR

JOB CARD. IF NOT ONE TELL  
 OPERATOR AND DELETE IT  
 IF SO GO TO DOJOB

.....

H01 15:40 SEP 08 '75

|     |    |       |          |   |
|-----|----|-------|----------|---|
| 534 | 02 | 000B6 | 31E01211 |   |
| 535 | 02 | 000B7 | F9300003 | A |
| 536 | 02 | 000B8 | 7210000F | A |
| 537 | 02 | 000B9 | 21100040 | A |
| 538 | 02 | 000BA | F9300003 | A |
| 539 | 02 | 000BB | 68000C18 |   |

|        |       |
|--------|-------|
| CW,R14 | TJOB  |
| BNE    | *R3   |
| LB,R1  | R15   |
| CI,R1  | X'40' |
| BNE    | *R3   |
| B      | DBJOB |

CHECK FOR JOB CARD AND RETURN IF NOT PRESENT. OTHERWISE GO TO DBJOB.

\*\*\*\*\*

|     |  |  |  |  |
|-----|--|--|--|--|
| 540 |  |  |  |  |
| 541 |  |  |  |  |
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| 563 |  |  |  |  |
| 564 |  |  |  |  |
| 565 |  |  |  |  |

\*F\* NAME: AIFNC

\*F\* PURPOSE: PROCESS RBBAT COMBUF WITH GFC = AIFNC = ADD NON-CONTRI  
\*F\* INPUT FILE

\*F\* DESCRIPTION:

\*F\* IF WE ARE RECOVERING, PAST THE POINT OF RECOVERY, AND  
\*F\* THIS IS NOT A REMOTE PROCESSING INPUT FILE TO BE DIRECT  
\*F\* PASSED TO AN OUTPUT DEVICE, THE FILE IS DELETED JUST  
\*F\* AS THOUGH IT WERE A JOB. IF WE ARE NOT RECOVERING THE FI  
\*F\* NAME AND THE DEVICE TYPE ARE OBTAINED, THE FORM NAME  
\*F\* IS CLEARED FROM STWIFORM, AND, FOR LOCAL FILES, CONTROL  
\*F\* IS TRANSFERRED TO AIFNC1. IF IT IS A REMOTE PROCESSING I  
\*F\* THE FORMS LOCK BIT IN STWIFLG (USED TO PASS FORMS BETW  
\*F\* CP-V SYSTEMS) IS CHECKED AND, IF SET, THE FORM NAME I  
\*F\* STWIFORM IS REESTABLISHED. IF THE FILE IS TO BE DIRECT  
\*F\* PASSED TO AN OUTPUT DEVICE, CONTROL IS TRANSFERRED TO  
\*F\* OTHERWISE THE DEVICE TYPE IS ANDED WITH THE DEVICE SET  
\*F\* MASK TO PRODUCE THE INTERNAL DEVICE TYPE AND WE GO TO  
\*F\* AIFNC1. IF WE RECEIVED THIS FILE AS A PARTIAL FILE FI  
\*F\* A NOW DISCONNECTED RBT IT WILL BE DELETED.

|     |    |          |          |    |
|-----|----|----------|----------|----|
| 566 |    |          |          |    |
| 567 |    | 02 000BC |          |    |
| 568 | 02 | 000BC    | 724000D3 | 03 |
| 569 | 02 | 000BD    | 683000C0 |    |
| 570 | 02 | 000BE    | 72460000 | X  |

|       |       |            |
|-------|-------|------------|
| AIFNC | EQU   | *          |
|       | LB,R4 | RCVRFLG    |
|       | BEZ   | *+3        |
|       | LB,R4 | STB,DPD,R3 |

```

571 02 000BF 68300099
572 02 000C0 72460000 X
573 02 000C1 22D00000 A
574 02 000C2 46D60000 X
575 02 000C3 22600000 A
576 02 000C4 22E00022 A
577 02 000C5 19500000 X
578 02 000C6 699000D2
579 02 000C7 22F00020 A
580 02 000C8 51F60000 X
581 02 000C9 684000CB
582 02 000CA 35D60000 X
583 02 000CB 72F60000 X
584 02 000CC 69300111
585 02 000CD 72AA0000 X
586 02 000CE 4B40000A A
587 02 000CF 726A0000 X
588 02 000D0 693000D2
589 02 000D1 22E00023 A
    
```

```

BFZ AIFX
LB,R4 STB,TPR,R3
LI,R13 0
XW,R13 STWIFORM,R3
LI,R6 0
LI,R14 NCIPRI
CLM,R5 RBLIMS
BCS,9 AIFNC1
LI,R15 FLKBIT
CH,R15 STWIFLG,R3
BAZ *+2
STW,R13 STWIFORM,R3
LB,R15 STB,DPD,R3
BNEZ RBDDPD
LB,R10 RBBIDSM,R5
AND,R4 R10
LB,R6 RBBIID,R5
BNEZ *+2
LI,R14 DELPRI
    
```

```

590 *
591 *
592 *F*
593 *F*
594 *F*
595 *F*
596 *F*
597 *F*
598 *F*
599 *F*
600 *F*
601 *F*
602 *F*
603 *F*
604 *F*
605 *F*
606 *F*
607 *F*
    
```

NAME: AIFNC1

PURPOSE: ADD A NON-CONTROL INPUT FILE TO THE BATCH QUEUE

DESCRIPTION:

AN OUTPUT BATCH QUEUE SLOT (WHICH NON-CONTROL INPUT USES) IS OBTAINED AND (USUALLY) CHAINED TO THE NON-CONTROL PRIORITY CHAIN. A SYSID IS GOTTEN, AND IT AND THE INTR FROM THE COMBUF ARE MOVED INTO THE BATCH QUEUE TABLES. AN APPROPRIATE MESSAGE IS CONSTRUCTED AND SENT TO THE OPERATOR TO TELL HIM THE FILE HAS BEEN RECEIVED. FOR LOCAL FILES AIFNC1 NOW EXITS TO CTR1 TO RELEASE THE CPU AND PROCESS THE NEXT. FOR RP FILES A MESSAGE IS PUT IN THE MESSAGE FILE TO TELL THE REMOTE OPERATOR THAT THE FILE HAS BEEN RECEIVED AND AIFNC1 EXITS VIA RBCCBUT TO COMPLETE RP FILE PROCESSING.

```

608
609
610
611      02 000D2
612 02 000D2 6A8001EB
613 02 000D3 20D00000 A
614 02 000D4 693000D6
615 02 000D5 32DE0002 A
616 02 000D6 35D40000 X
617 02 000D7 75440000 X
618 02 000D8 75640000 X
619 02 000D9 32AE0003 A
620 02 000DA 55A40000 X
621 02 000DB 22A00001 A
622 02 000DC 75A40000 X
623 02 000DD 6AA0009C
624 02 000DE 6AB00000 X
625 02 000DF 55C40000 X
626 02 000E0 32F0000C A
627 02 000E1 6AB008E1
628 02 000E2 12E013F8
629 02 000E3 61E00000 A
630 02 000E4 35D0014D 03
631 02 000E5 22E00534 03
632 02 000E6 30F00000 X
633 02 000E7 61E00000 A
634 02 000E8 6A40097E
635 02 000E9 19500000 X
636 02 000EA 689000FD
637 02 000EB 22E00000 N
638 02 000EC 30E00005 A
639 02 000ED 25E00003 A
640 02 000EE 20E00003 A
641 02 000EF 30F00000 X
642 02 000F0 61E00000 A
643 02 000F1 22800020
644
    
```

\*F\*

\*

\*

AIFNC1

```

EQU      $
BAL,R8   ADDFRE
AI,R13   0
BNEZ     $+2
LW,R13   2,R7
STW,R13  BWIFORM,R2
STB,R4   BBIDEV,R2
STB,R6   BBIRID,R2
LW,R10   3,R7
STH,R10  BHIGRAN,R2
LI,R10   1
STB,R10  BBICOPY,R2
BAL,R10  GDA
BAL,R11  NXTSID
STH,R12  BHISID,R2
LW,R15   R12
BAL,R11  HEXC
LD,R14   INPPTR
MBS,R14  0
STW,R13  INAM1
LI,R14   BA(INAM1)
AW,R15   Y04
MBS,R14  0
BAL,R4   COMEDIT
CLM,R5   RBLIMS
BCR,9    AIFNCRB
LI,R14   DA(DCT16)
AW,R14   R5
SLS,R14  3
AI,R14   3
AW,R15   Y05
MBS,R14  0
LI,R8    CTR1
    
```

\*

```

645
646
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648
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656
657      02 000F2
658 02 000F2 21100023 A
659 02 000F3 683009C0
660 02 000F4 32D40000 X
661 02 000F5 68300950
662 02 000F6 6A40097E
663 02 000F7 35D00152 03
664 02 000F8 22E00548 03
665 02 000F9 30F00000 X
666 02 000FA 61E00000 A
667 02 000FB 35D00152 03
668 02 000FC 68000950
669      02 000FD
670 02 000FD 32301214
671 02 000FE 35300152 03
672 02 000FF 323000ED 03
673 02 00100 52C60000 X
674 02 00101 55C00150 03
675 02 00102 25C00278 A
676 02 00103 6A40097F
677 02 00104 25C00208 A
678 02 00105 6A40097F
679 02 00106 6A8000F2
680
681
    
```

```

*
*0*      MESSAGE: *INPUT SYSID,YYNDD(,NAME)
*0*
*0*      MEANING: A NON-CONTROL INPUT FILE HAS BEEN ENTERED FROM DEVICE
*0*      YYNDD, AND HAS BEEN ASSIGNED THE GIVEN SYSID. IF THE
*0*      NAME IS PRESENT IT IS THAT FROM THE NCTL COMMAND OR
*0*      SYYNDD,'XXXX' KEYIN.
*0*
*0*      ACTION: NONE - INFORMATION ONLY
*0*
*
*
*0*      TEL$0PNC EQU $
*0*      CI,R1  DELPRI
*0*      BE      AIFOUT
*0*      LW,R13  BW;FORM,R2
*0*      BEZ     TEL$0PJ
*0*      BAL,R4  COMEDIT
*0*      STW,R13 INAM3
*0*      LI,R14  BA(INAM3)
*0*      AW,R15  Y04
*0*      MBS,R14 0
*0*      STW,R13 INAM3
*0*      B       TEL$0PJ
*0*      AIFNCRB EQU $
*0*      LW,R3   TZEROS
*0*      STW,R3  INAM3
*0*      LW,R3   SYMINDX
*0*      LW,R12  STH;NM,R3
*0*      STH,R12 INAM2
*0*      SCS,R12 8
*0*      BAL,R4  EDIT
*0*      SCS,R12 8
*0*      BAL,R4  EDIT
*0*      BAL,R8  TEL$0PNC
*
*
    
```

```

682
683
684
685
686
687
688
689
690
691
692
693 02 00107 323000ED 03
694 02 00108 72C60000 X
695 02 00109 6930010E
696 02 0010A 6A4003BF
697 02 0010B 02000000 A
698 02 0010C 2210014B 03
699 02 0010D 6AB00759
700 02 0010E
701 02 0010E 3590005A 03
702 02 0010F 224009C0
703 02 00110 680006B4
704
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717
718
    
```

```

*0* MESSAGE: *RBNDD * WSN ** *INPUT SYSID,DEV(,NAME)
*0*
*0* MEANING: A NON-CONTROL INPUT FILE HAS BEEN ACCEPTED FROM DEVICE
*0* DEV AT WORKSTATION WSN CONNECTED TO RBNDD AND HAS BEEN
*0* ASSIGNED THE GIVEN SYSID. THE NAME, IF PRESENT, IS THE
*0* FROM THE NCTL COMMAND OR THE RBFORM CONTROL COMMAND
*0*
*0* ACTION: NONE - INFORMATION ONLY
*0*
*
*
LW,R3 SYMINDX
LB,R12 STB:DPD,R3
BNEZ AIFNCRB1
BAL,R4 SETHDR
NOP
LI,R1 INAM
BAL,R11 MOVEMES
EQU AIFNCRB1 *
STW,R9 FLAGS
LI,R4 AIFOUT
B RBCCOUT
*
*
*F* NAME: RB$DPD
*F*
*F* PURPOSE: CONVERTS NON-CONTROL INPUT FILES FROM REMOTE PROCESSING
*F* TERMINALS INTO OUTPUT FILES FOR LOCAL DEVICES
*F*
*F* DESCRIPTION:
*F* RB$DPD IS CALLED WHENEVER A NON-CONTROL INPUT FILE IS
*F* RECEIVED FROM A STREAM THAT HAS A NON-ZERO STB:DPD.
*F* IN THESE CASES, STB:DPD CONTAINS THE LOCAL DEVICE TYPE
*F* THE FILE IS TO BE OUTPUT ON. IF THE SUBMITTING TERMINAL
*F* IS NO LONGER CONNECTED AND THE DEVICE WAS OPERATING IN
*F* KEEP MODE, THE FILE IS DELETED. IF THE TARGET DEVICE
*F* IS A LISTING DEVICE OR CARD PUNCH, A DISC BLOCK IS WR
    
```

H01 15:40 SEP 08, 1975

```

719
720
721
722
723
724
725
726
727
728      02 00111
729 02 00111 726A0000 X
730 02 00112 69300115
731 02 00113 70260000 X
732 02 00114 691000D1
733 02 00115 72460000 X
734 02 00116 6A800B9B
735 02 00117 323000ED 03
736 02 00118 70280000 X
737 02 00119 6940011C
738 02 0011A 21400005 A
739 02 00118 6930014A
740 02 0011C 22A0014A
741 02 0011D 02200000 A
742 02 0011E 0B00008C 03
743 02 0011F 52260000 X
744 02 00120 55200108 03
745 02 00121 12EA0000 X
746 02 00122 35E001D4 03
747 02 00123 35F001D5 03
748 02 00124 22500000 N
749 02 00125 6A400C46
750 02 00126 2220073C 03
751 02 00127 303011E9
752 02 00128 61200000 A
753 02 00129 323000ED 03
754 02 0012A 72460000 X
755      02 0012B

```

```

*F*
*F*
*F*
*F*
*F*
*F*
*F*
*
*
RBSDPD

```

```

EQU      $
LB,R6   RBBID,R5
BNEZ    $+3
LC      SYMX,R3
BCS,1   AIFNC1=1
LB,R4   STBIDPD,R3
BAL,R8  STSM1
LW,R3   SYMIDX
LC      TBIFLGS,R4
BCS,4   $+3
CI,R4   5
BNE     RBDPD1
LI,R10  RBDPD1
LCI     0
PSM,R0  TMPSTK
LW,R2   STMNM,R3
STH,R2  RMTBAN1
LD,R14  RBDWSN,R5
STW,R14 RMTBAN2
STW,R15 RMTBAN2+1
LI,R5   LCLX
BAL,R4  BANNER
LI,R2   BA(RMTBAN)
AW,R3   RMTBPTR
MBS,R2  0
LW,R3   SYMIDX
LB,R4   STBIDPD,R3
EQU     $

```

NEWBAN

99

CONTAINING A SYMBIONT BANNER RECORD AND FLINKED TO THE ORIGINAL STARTING DISC ADDRESS OF THE FILE. A SPECIAL FUNCTION CODE PREVENTS THIS BLOCK FROM CAUSING BLINK FAILURES. RBBIMXP IS USED AS THE OUTPUT PRIORITY, AND RBSDPD CALLS AIFNC1 SPECIFYING THIS PRIORITY INSTEAD OF THE NON-CONTROL INPUT PRIORITY.



15:40 SEP 08, 175

|     |    |          |            |    |
|-----|----|----------|------------|----|
| 756 | 02 | 0012B    | 326A0000   | X  |
| 757 | 02 | 0012C    | 22E00000   | A  |
| 758 | 02 | 0012D    | 35EC00FF   | A  |
| 759 | 02 | 0012E    | 32EC0001   | A  |
| 760 | 02 | 0012F    | 21400005   | A  |
| 761 | 02 | 00130    | 6930013F   |    |
| 762 | 02 | 00131    | 32E01225   |    |
| 763 | 02 | 00132    | 207FFFD9   | A  |
| 764 | 02 | 00133    | 32A0005E   | 03 |
| 765 | 02 | 00134    | 6830013F   |    |
| 766 | 02 | 00135    | 20EFFFFFF  | A  |
| 767 | 02 | 00136    | 22AFD000   | A  |
| 768 | 02 | 00137    | 66AC0002   | A  |
| 769 | 02 | 00138    | 207FFFFFFE | A  |
| 770 | 02 | 00139    | 22A00000   | A  |
| 771 | 02 | 0013A    | 75AE0000   | A  |
| 772 | 02 | 0013B    | 207FFFD    | A  |
| 773 | 02 | 0013C    | 22A000D2   | A  |
| 774 | 02 | 0013D    | 75AE0000   | A  |
| 775 | 02 | 0013E    | 20700015   | A  |
| 776 |    | 02 0013F |            |    |
| 777 | 02 | 0013F    | 20E00200   | A  |
| 778 | 02 | 00140    | 35EC0001   | A  |
| 779 | 02 | 00141    | 6AA00D91   |    |
| 780 | 02 | 00142    | 32300002   | 03 |
| 781 | 02 | 00143    | 46860001   | A  |
| 782 | 02 | 00144    | 32960001   | A  |
| 783 | 02 | 00145    | 6AA00D60   |    |
| 784 | 02 | 00146    | 6A800D99   |    |
| 785 | 02 | 00147    | 02200000   | A  |
| 786 | 02 | 00148    | 0A00008C   | 03 |
| 787 | 02 | 00149    | 8800000A   | A  |
| 788 |    | 02 0014A |            |    |
| 789 | 02 | 0014A    | 72EA0000   | X  |
| 790 | 02 | 0014B    | 20E00011   | A  |
| 791 | 02 | 0014C    | 22600000   | A  |
| 792 | 02 | 0014D    | 680000D2   |    |

NWBAN1

RBDPD1

|         |            |
|---------|------------|
| LW,R6   | RBIMFAD,R5 |
| LI,R14  | 0          |
| STW,R14 | 255,R6     |
| LW,R14  | 1,R6       |
| CI,R4   | 5          |
| BNE     | NWBAN1     |
| LW,R14  | PUNBAN     |
| AI,R7   | *39        |
| LW,R10  | K8MP       |
| BEZ     | NWBAN1     |
| AI,R14  | *1         |
| LI,R10  | *X'3000'   |
| AWM,R10 | 2,R6       |
| AI,R7   | *2         |
| LI,R10  | 0          |
| STB,R10 | 0,R7       |
| AI,R7   | *19        |
| LI,R10  | X'D2'      |
| STB,R10 | 0,R7       |
| AI,R7   | 21         |
| EQU     | \$         |
| AI,R14  | X'200'     |
| STW,R14 | 1,R6       |
| BAL,R10 | GGRAN      |
| LW,R3   | SVCBF      |
| XW,R8   | 1,R3       |
| LW,R9   | 1,R3       |
| BAL,R10 | WMFS       |
| BAL,R8  | RELMF      |
| LCI     | 0          |
| PLM,R0  | TMPSTK     |
| B       | *R10       |
| EQU     | \$         |
| LB,R14  | RBBIMXP,R5 |
| AI,R14  | 08PRI      |
| LI,R6   | 0          |
| B       | AIFNC1     |

```

793
794
795
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797
798
799
800
801
802
803
804
805
806
807
808      02 0014E
809      02 0014E 2290000F A
810      02 0014F 48900005 A
811      02 00150 72B40000 X
812      02 00151 21900005 A
813      02 00152 68300155
814      02 00153 21B00040 A
815      02 00154 F840000A A
816      02 00155
817      02 00155 21B00008 A
818      02 00156 68400158
819      02 00157 35B0005E 03
820      02 00158 02200000 A
821      02 00159 0B00008C 03
822      02 0015A 6AB008E1
823      02 0015B 35D00330 03
824      02 0015C 22100332 03
825      02 0015D 6A800FE6
826      02 0015E 22500000 N
827      02 0015F 6A400C46
828      02 00160 22200CAC 03
829      02 00161 303011EB
    
```

```

*
*
*F*
*F*
*F*
*F*
*F*
*F*
*F*
*F*
*F*
*F*
*
*
*
    
```

NAME: PRTBAN

PURPOSE: APPENDS BANNERS TO PARTIAL OUTPUT FILES WHERE REQUIRED

DESCRIPTION:

WHEN A PARTIAL OUTPUT FILE IS RETURNED FROM OUTSYM, PRTBAN WRITES A DISC BLOCK WITH A BANNER FLINKED TO THE NEW STARTING D.A. OF THE FILE IF IT IS BOUND FOR A CAI PUNCH OR LISTING DEVICE. A SPECIAL FUNCTION CODE PREVENTS BLINK FAILURES. HASP COMPRESSION IS DONE IF NECESSARY

PRTBAN

```

EQU      $
LI,R9    XIF,
AND,R9    R5
LB,R11    SYMX,R2
CI,R9     5
BE        PBN1
CI,R11    X'40'
BAZ       *R10
PBN1     EQU      $
          8
          HASP
          $+2
          KOMP
          0
          TMPSTK
          BAL,R11  HEXC
          STW,R13  PBNM1
          LI,R1    PBNM2
          BAL,R8   TIMIN
          LI,R5    LCLX
          BAL,R4   BANNER
          LI,R2    BA(PBNM)
          AW,R3    PBNPTR
    
```

```

830 02 00162 41200000 A
831 02 00163 32400009 A
832 02 00164 4800012B
833
834
835
836
837
838
839
840
841
842
843
844
845
846
847
848
849
850
851
852      02 00165
853 02 00165 32C00005 A
854 02 00166 32EE0002 A
855 02 00167 4930017D
856      02 00168
857 02 00168 22100004 A
858 02 00169 F2520007 A
859 02 0016A 22100007 A
860 02 0016B F2D20007 A
861 02 0016C 22100022 A
862 02 0016D 4A0002B6
863 02 0016E 48000F5C
864 02 0016F 21100022 A
865 02 00170 49300F5C
866 02 00171 71C40000 X

```

```

MBS,R2 0
LW,R4  R9
B      NEWBAN

```

\*\*\*\*\*

\*

\*

\*F\* NAME: GIFNC

\*F\*

\*F\*

\*F\*

\*F\*

\*F\*

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\*F\*

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\*F\*

\*F\*

\*F\*

\*F\*

\*F\*

\*F\*

\*

\*

GIFNC

```

EQU $
LW,R12 R5
LW,R14 2,R7
BNEZ   GINCD0

```

```

* GO CHECK SPECIAL KEYS
* BACK SO SPECIAL (IF ANY) ARE DONE.

```

GINC1

```

EQU $
LI,R1 4
LB,R5  *R7,R1
LI,R1 7
LB,R13 *R7,R1
LI,R1 NCIPRI
BAL,R0 FIND
B      JEX1
CI,R1  NCIPRI
BNE   JEX1
CB,R12 BB;DEV,R2

```

```

15:40 SEP 08, '75
867 02 00172 693002B9
868 02 00173 71D40000 X
869 02 00174 693002B9
870 02 00175 31E40000 X
871 02 00176 693002B9
872 02 00177
873 02 00177 22E00025 A
874 02 00178
875 02 00178 6A8001D9
876 02 00179 22400000 A
877 02 0017A 4D000037 A
878 02 0017B 46440000 X
879 02 0017C 68000F5D
880
881
882
883
884
885
886
887
888
889
890
891
892 02 0017D
893 02 0017D 31E00000 X
894 02 0017E 6930018C
895 02 0017F 02200000 A
896 02 00180 0800008C 03
897 02 00181 331000C8 03
898 02 00182 22C00000 A
899 02 00183 22500000 N
900 02 00184 68000FA7
901
902 02 00185
903 02 00185 22500000 N

```

```

GINCG0 EQU $
LI,R14 FRE0
GINCC EQU $
BAL,R8 CHNG
LI,R4 0
WD,0 X'37'
XW,R4 BWISDA,R2
B JEX

```

```

*
* CHECK FOR SPECIAL NCTL FUNCTIONS (SPILL AND DISPLAY)
*

```

```

REF SISPILLKEY * IN COMBAT 0 => NO SPILL ON THIS
* SYSTEM. #0 MEANS SPILL AS FOLLOWS:
* BYTE0 BYTE1 BYTE2 BYTE3 OF SISPILL
* M N 0 P SPILL VARI
* 0 <= M <= N <= PIPRI
* 00PRI <= 0 <= P <= FORPRI.
REF SIDSPKEY * IN COMBAT 0 => NO ONLINE DISPLAY ON
* THIS SYSTEM, ELSE THE MAGIC FORM I

```

```

GINCDO EQU $
CW,R14 S;DSPKEY
BNE GINCSPO * IS IT SPCL DSP KEY
* ..NOPE, TRY SPILL
LCL 0 * ALL REGISTERS ARE SAVED.
PSM,R0 * ..SAVEM THE REGS..
MTW,+1 * SET MSG IN PROGRESS
LI,R12 * RESET DEV
LI,R5 * SET FUNCTION LOCAL.
B GINCD * GO BUILD A DISPLAY.

GINCD1 EQU $
LI,R5 * BACK WITH A DISPLAY BUILT
* POINT AT LOCAL FUNCTION

```

```

904 02 00186 32FA0000 X
905 02 00187 68300189
906 02 00188 6A800D21
907 02 00189 02200000 A
908 02 0018A 0A00008C 03
909 02 0018B 68000168
910
911      02 0018C
912 02 0018C 32D00000 X
913 02 0018D 68300168
914 02 0018E 7200000E A
915 02 0018F 68300168
916 02 00190 220000FF A
917 02 00191 4B00000E A
918 02 00192 22100001 A
919 02 00193 25D00210 A
920 02 00194 71020000 X
921 02 00195 6820019E
922 02 00196 7102000D A
923 02 00197 69200168
924      02 00198
925 02 00198 5210000E A
926 02 00199 4BE00000 X
927 02 0019A 51E0000D A
928 02 0019B 681001A0
929 02 0019C 52E0000D A
930 02 0019D 680001A0
931      02 0019E
932 02 0019E 25D00210 A
933 02 0019F 68000198
934      02 001A0
935 02 001A0 55E00001 A
936 02 001A1 32E00000 A
937 02 001A2 4610000E A
938 02 001A3 6A0002B6
939 02 001A4 68000F5C
940 02 001A5 7110000E A
    
```

```

LW,R15 RBIMFAD,R5
BEZ $+2
BAL,R8 WMF
LCI 0
PLM,R0 TMPSTK
B GINC1

*
GINCSP0 EQU $
LW,R13 S1SPILLKEY
BEZ GINC1
LB,R0 R14
BEZ GINC1
LI,R0 X'FFF'
AND,R0 R14
LI,R1 1
SCS,R13 +16
CB,R0 S1SPILLKEY,R1
BLE GINCSP12
CB,R0 R13,R1
BG GINC1
GINCSP11 EQU $
LH,R1 R14
AND,R14 M16
CH,R14 R13
BGE GINCSP1
LH,R14 R13
B GINCSP1
GINCSP12 EQU $
SCS,R13 +16
B GINCSP11
GINCSP1 EQU $
STH,R14 R1
LW,R14 R0
XW,R1 R14
BAL,R0 FIND
B JEX1
CB,R1 R14
    
```

```

* FETCH MS FILE POINTER
* NONE THERE
* ELSE WRITE IT
* RESTORE
* .. THE REGS,
* AND CONTINUE TO FIND THE NCTL IN

*
* SYSTEM MGR SAYS SPILL OK
* NOPE, CONTINUE NCTL.
* IS IT A SPILL REQUEST
* NOPE, CONTINUE NCTL.
* MASK OFF HI PRI
* FROM REQUEST
* A USEFUL INDEX.
* FOR EASE OF CODE
* WITHIN INPUT RANGE
* YEP SELECT INPUT RANGE
* WITHIN OUTPUT RANGE
* NOPE, CONTINUE NORMAL NCTL.
*
* SAVE THE USER'S DEVICE SPEC.
* SCRUB FOR COMPARE
* CHECK LOW LEVEL USER VS SYS MGR.
* USER WITHIN RANGE.
* SYSTEM MGR SAYS ONLY TO HERE.
* ..CONTINUE
*
* ADJUST TO SELECT OUTPUT RANGE
*
* SETUP LBPRI,0,0,DEV
* SETUP HIPRI
* R1 IS FIND ARG, R14 IS NONVOLATILE
* GET A CANDIDATE
* NOBODY HOME
* PAST LBPRI YET
    
```

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105

|     |    |          |          |   |
|-----|----|----------|----------|---|
| 941 | 02 | 001A6    | 69100F5C |   |
| 942 | 02 | 001A7    | 32840000 | X |
| 943 | 02 | 001A8    | 31800000 | X |
| 944 | 02 | 001A9    | 68300289 |   |
| 945 | 02 | 001AA    | 21100010 | A |
| 946 | 02 | 001AB    | 68300289 |   |
| 947 | 02 | 001AC    | 69100182 |   |
| 948 | 02 | 001AD    | 71E40000 | X |
| 949 | 02 | 001AE    | 68300177 |   |
| 950 | 02 | 001AF    | 21E000FF | A |
| 951 | 02 | 001B0    | 68400177 |   |
| 952 | 02 | 001B1    | 68000289 |   |
| 953 |    |          |          |   |
| 954 |    | 02 001B2 |          |   |
| 955 | 02 | 001B2    | 33F00000 | X |
| 956 | 02 | 001B3    | 6A8009D1 |   |
| 957 | 02 | 001B4    | 22E00024 | A |
| 958 | 02 | 001B5    | 68000178 |   |

|        |            |
|--------|------------|
| BL     | JEX1       |
| LW,R8  | BWIFORM,R2 |
| CW,R8  | SIDSPKEY   |
| BE     | FIND1      |
| CI,R1  | RUNPRI     |
| BE     | FIND1      |
| BL     | GINCGI     |
| CB,R14 | BBIDEV,R2  |
| BE     | GINCG8     |
| CI,R14 | X'IFF'     |
| BAZ    | GINCG8     |
| B      | FIND1      |
| *      |            |
| GINCGI | EQU        |
|        | MTW,-1     |
|        | SIBFIS     |
|        | ABRS#      |
|        | LI,R14     |
|        | FREI       |
|        | GINCC      |
|        | B          |

- \* ..YEP, MUST BE DONE
- \*
- \* BYPASS THESE.
- \*
- \* CANT SPILL RUNNING FILES
- \*
- \* ASK AND IS AN INPUT JOB FILE.
- \* BUTPUT BUT IS IT RIGHT DEVICE.
- \* .. YEP, CONTINUE
- \* NO BUT WAS DEVICE SPEC GIVEN
- \* ..NO, SO ACCEPT IT
- \* LOOK SOME MORE
- \*
- \* DECR BATCH FILES IN SYSTEM
- \* RELEASE SER NO SLOTS IF ANY
- \* SLOT GOES ON INPUT FREE CHAIN
- \* ..CONTINUE.

```

1*
2*      02 001R6
3*
4*
5*
6*
7*
8*
9*
10*
11*
12*
13*
14*
15*
16*
17* 02 001B6  2200005 A
18* 02 001B7  22100004 A
19* 02 001B8  F2520007 A
20* 02 001B9  21200005 A
21* 02 001BA  692001C2
22* 02 001BB  680401BC
23* 02 001BC  680001C2
24* 02 001BD  680001C4
25* 02 001BE  680001C2
26* 02 001BF  680001C2
27* 02 001C0  680001C2
28* 02 001C1  680001C2
29*      00000005
30*
31*      02 001C2
32* 02 001C2  22400300 A
33* 02 001C3  68000F5D
34*
35*      02 001C4
36* 02 001C4  22A00000 A
37* 02 001C5  6AB00C0B

```

```

PAGE
RBBSPCL EQU $ * HANDLER FOR MAGIC INTERNAL CODES.
*
*
*F* NAME: RBBSPCL
**
** PURPOSE: PROCESS RBBAT COMBUF WITH GFC = SPCGFC * SPECIAL
** INTERNAL CODES.
**
** DESCRIPTION:
** AN ANALYST (USUALLY ONLINE) HAS REQUESTED A SPECIAL
** RBBAT FUNCTION AND WAS AUTHORIZED TO DO SO. RBBAT
** WILL THEREFORE DO HIS BIDDING IN THE HOPE HE KNOWS
** WHAT HE IS DOING AND CAN CORRECT WHATEVER PROBLEM
** HE HAPPENS TO BE WORKING ON.
**
** LW,R2 R5 * SAVE THE REQUESTED FUNCTION
** LI,R1 4 * COMBUF BYTE 4 CONTAINS
** LB,R5 *R7,R1 * ...THE USER TO UNPARK WHEN DONE.
** CI,R2 #SPCGFC * (BUT DID HE KNOW WHAT HE DID)
** BG SPCER * NOPE...BE HARD ON HIM.
** B $+1,R2 * DOIT FOR HEEM.
SPCGFCST B SPCER * A NOP ENTRY.
** B DMPRSD * DUMP RBBAT STATIC DATA
** B SPCER * REBET RBBAT STATIC DATA (LATER)
** B SPCER * DISPLAY RBBAT TABLES(LATER)
** B SPCER * SPILL FILES (LATER)
** B SPCER * ETC. LATER
** #SPCGFC EQU $-1-SPCGFCST * NUMBER OF SPECIALS FOR NOW
*****
SPCER EQU $ * RETURN ERROR
** LI,R4 X103001 * (RBBAT SEZ NO DICE)
** B JEX *
*****
DMPRSD EQU $ * DUMP RBBAT STATIC DATA TO IRBBVR
** LI,R10 0 * NO ERROR AS OF YET
** BAL,R11 SVIV * WE'RE LEAVING RBBAT FOR MONITOR

```

```

38* 02 001C6 04101451
39* 02 001C7 0410145F
40* 02 001C8 04101468
41* 02 001C9 04101463
42* 02 001CA 35B000DC 03
43* 02 001CB 3240000A A
44* 02 001CC 68000F5D
45*
46* 02 001CD 52A0000A A
47* 02 001CE 21A00300 A
48* 02 001CF 683001D6
49* 02 001D0 55A0000A A
50* 02 001D1 52A0000A A
51*
52* 02 001D2 52800000 X
53* 02 001D3 21800020 A
54* 02 001D4 694001C9
55* 02 001D5 680001CA
56*
57*      02 001D6
58* 02 001D6 22A00000 A
59* 02 001D7 0410143F
60* 02 001D8 680001C7
61*

```

```

DMPRSDS CAL1,1 0PNXX10
          CAL1,1 SETXXDCB
          CAL1,1 WRXXSD
DMPRSDC  CAL1,1 CLSXX0
          STW,R11 SVZ
          LW,R4 R10
          B JEX
*****
DMPABN  LH,R10 R10
          CI,R10 X'0300'
          BE NORBBVR
          STH,R10 R10
DMPER   LH,R10 R10
*
          LW,R8 MIXX
          CI,R8 X'20'
          BANZ DMPRSDC
          B DMPRSDC+1
*****
NORBBVR EQU $
          LI,R10 0
          CAL1,1 0PNXX0
          B DMPRSDS
*****

```

```

* CAN WE OPEN MIXX
* IS OPEN SO RESET ERR/ABN
* WRITE OUT THE STATIC DATA
* DONE WITH XX SO CLOSE
* THROUGH LEAVING RBBAT
* SET ERR CODE IF ANY FOR JEX
* UNPARK THAT USER AND DO NEXT
*****
* WAS THAT FILE DOESNT EXIST
* ...
* IF SO CREATE IT
* RESTORE
* RIGHT JUSTIFY THE ERR CODE
! TO GIVE IT TO THE USER
* DID WE GET IT OPENED
*...
* IF SO CLOSE IT
*...ELSE EXIT
*****
* IRBBVR NOT THERE SO CREATE IT
* THAT IS NOT AN ERROR
* CREATES
*
*****

```





995 02 001E9 55F60000 X  
 996 02 001EA 680001DF  
 997  
 998  
 999  
 1000  
 1001  
 1002  
 1003  
 1004  
 1005  
 1006 02 001FB  
 1007 02 001EB 22100025 A  
 1008 02 001EC 52220024 03  
 1009 02 001ED 680001DD  
 1010  
 1011  
 1012  
 1013  
 1014  
 1015  
 1016  
 1017  
 1018  
 1019  
 1020 02 001FE  
 1021 02 001EE 22100024 A  
 1022 02 001EF 3220004B 03  
 1023 02 001FO 680001DD  
 1024  
 1025 02 001F1  
 1026 02 001F1 72560000 X  
 1027 02 001F2 6830029C  
 1028 02 001F3 22CFFFFFF A  
 1029 02 001F4 35C00058 03  
 1030 02 001F5 32C60000 X  
 1031 02 001F6 22D00000 A

STH,R15 BH;LINK,R3  
 B CHNG2  
 \*  
 \*  
 \*F\* NAME: ADDFRE  
 \*F\*  
 \*F\* PURPOSE: CHAINS A FREE OUTPUT BATCH QUEUE SLOT TO THE CALLER  
 \*F\* SPECIFIED PRIORITY CHAIN  
 \*  
 \*  
 \* ADDFRE EQU \*  
 LI,R1 FREE GET A FREE OUTPUT ENTRY AND ADD IT  
 LW,R2 BH:HPRI,R1 TO THE CHAIN IN R1. PUT ENTX IN R2  
 B CHNG3 ;  
 \*  
 \*  
 \*F\* NAME: ADDJOB  
 \*F\*  
 \*F\* PURPOSE: CHAINS THE HEAD OF THE FREE INPUT SLOT CHAIN (KEPT IN  
 \*F\* ADDX FOR NEW BATCH JOBS) TO THE CALLER SPECIFIED PRIORITY  
 \*F\* CHAIN  
 \*  
 \*  
 \* ADDJOB EQU \*  
 LI,R1 FREE GET THE CURRENT FREE INPUT ENTRY  
 LW,R2 ADDX AND ADD IT TO THE CHAIN IN R1  
 B CHNG3 PUT ENTX IN R2.  
 \*\*\*\*\*  
 \*G8F EQU \*  
 LB,R5 SNDDX,R3 GET OUTPUT FILE  
 BE GDEL FIND THE HIGHEST PRIORITY OUTPUT  
 LI,R12 \*1  
 STW,R12 FRMCK  
 LW,R12 STW:IFBRM,R3  
 LI,R13 0 FILE THAT CAN BE OUTPUT ON THE

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1032 02 001F7 72E60000 X  
 1033 02 001F8 52F60000 X  
 1034 02 001F9 681001FC  
 1035 02 001FA 22F00000 A  
 1036 02 001FB 55F60000 X  
 1037 02 001FC 22100021 A  
 1038 02 001FD 19500000 X  
 1039 02 001FE 69900202  
 1040 02 001FF 72DA0000 X  
 1041 02 00200 720A0000 X  
 1042 02 00201 4BE00000 A  
 1043 02 00202 00202  
 1044 02 00202 6A0002B6  
 1045 02 00203 68000285  
 1046 02 00204 21100011 A  
 1047 02 00205 68200285  
 1048 02 00206 71E40000 X  
 1049 02 00207 693002B9  
 1050 02 00208 71D40000 X  
 1051 02 00209 693002B9  
 1052 02 0020A 32A40000 X  
 1053 02 0020B 6840020E  
 1054 02 0020C 31A00000 X  
 1055 02 0020D 694002B9  
 1056 02 0020E 52B40000 X  
 1057 02 0020F 4BB01227  
 1058 02 00210 31B0000F A  
 1059 02 00211 68300219  
 1060 02 00212 20F00000 A  
 1061 02 00213 693002B9  
 1062 02 00214 72600000 X  
 1063 02 00215 206FFFFE A  
 1064 02 00216 51BC0000 X  
 1065 02 00217 683002B9  
 1066 02 00218 64600216  
 1067  
 1068

G0F4

\*  
COMIDBK

LB,R14 STBITYP,R3  
 LH,R15 STH:CMDV,R3  
 BGEZ \$+3  
 LI,R15 0  
 STH,R15 STH:CMDV,R3  
 LI,R1 MFPR1  
 CLM,R5 RBLIMS  
 BCS,9 G0F4  
 LB,R13 RBB:ID,R5  
 LB,R0 RBB:DSM,R5  
 AND,R14 R0  
 EQU \$  
 BAL,R0 FIND  
 B G0F1  
 CI,R1 08PRI  
 BLE G0F1  
 CB,R14 BB:DEV,R2  
 BNE FIND1  
 CB,R13 BB:RID,R2  
 BNE FIND1  
 LW,R10 BWISDA,R2  
 BAZ \$+3  
 CW,R10 XHOLD:BIT  
 BANZ FIND1  
 LH,R11 BHICOMID,R2  
 AND,R11 X7FFF  
 CW,R11 R15  
 BF COMIDBK  
 AI,R15 0  
 BNEZ FIND1  
 LB,R6 SNDDX  
 AI,R6 =2  
 CH,R11 STH:CMDV,R6  
 BF FIND1  
 BDR,R6 \$=2  
 EQU \$

COMODE ID FOR THIS DEVICE  
B IF CURRENTLY IN COMODE

RESET TO 0 IN CASE NEGATIVE  
ZERO AS THE DISC ADDRESS. WHEN THE  
ENTRY HAS BEEN SET UP RESTART THE  
SYMBIONT VIA SAGNSERT AND DON'T  
RELEASE THE COMBUF. IF THE DEVICE

IS REMOTE ONLY NON HEID FILES  
OF THE CURRENT DEVICE TYPE ARE

FOR A REMOTE DEVICE, CLEAR THE  
APPROPRIATE FLAGS IN RB:FLAG  
IF THE DCYX IS ZERO THIS IS THE  
DELETE SYMBIONT. IF A REMOTE  
MESSAGE FILE IS SELECTED DECREMENT  
THE MESSAGE FILE COUNT AND IF ZERO  
CLEAR PENDING BIT

THE INFO RETURNED TO THE SYMBIONT IS  
COMODE ID FOR THIS FILE  
KNOCK OF LAST CHUNK FLAG, IF SET  
SAME COMID AS THIS DEVICE

YEP  
DEV. IN COMODE AT ALL  
YEP; WE CANT OUTPUT THIS FILE  
NOPE! DOES ANOTHER DEV. HAVE

THIS FILE'S COMID IF SO DONT  
OUTPUT THIS FILE NOW  
IF NOT, PUT DEV. INTO COMODE  
ON THIS FILE'S COMID

02 00219

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|      |    |          |          |    |
|------|----|----------|----------|----|
| 1069 | 02 | 00219    | 31C40000 | X  |
| 1070 | 02 | 0021A    | 68300220 |    |
| 1071 |    | 02 0021B |          |    |
| 1072 | 02 | 0021B    | 33100058 | 03 |
| 1073 | 02 | 0021C    | 693002B9 |    |
| 1074 | 02 | 0021D    | 32B40000 | X  |
| 1075 | 02 | 0021E    | 35B00059 | 03 |
| 1076 | 02 | 0021F    | 680002B9 |    |
| 1077 |    | 02 00220 |          |    |
| 1078 | 02 | 00220    | 21E00000 | N  |
| 1079 | 02 | 00221    | 6930022A |    |
| 1080 | 02 | 00222    | 22B00000 | N  |
| 1081 | 02 | 00223    | 6830022A |    |
| 1082 | 02 | 00224    | 32B40000 | X  |
| 1083 | 02 | 00225    | 31B60000 | X  |
| 1084 | 02 | 00226    | 6930021B |    |
| 1085 | 02 | 00227    | 72B40000 | X  |
| 1086 | 02 | 00228    | 71B60000 | X  |
| 1087 | 02 | 00229    | 6930021B |    |
| 1088 |    | 02 0022A |          |    |
| 1089 | 02 | 0022A    | 22300000 | A  |
| 1090 | 02 | 0022B    | 31A00000 | X  |
| 1091 | 02 | 0022C    | 68400258 |    |
| 1092 | 02 | 0022D    | 32800000 | X  |
| 1093 | 02 | 0022E    | 693002B9 |    |
| 1094 | 02 | 0022F    | 32800000 | X  |
| 1095 | 02 | 00230    | 691002B9 |    |
| 1096 | 02 | 00231    | 02200020 | A  |
| 1097 | 02 | 00232    | 0B10008C | 03 |
| 1098 | 02 | 00233    | 6AB00C0B |    |
| 1099 | 02 | 00234    | 32B000D3 | 03 |
| 1100 | 02 | 00235    | 69300237 |    |
| 1101 | 02 | 00236    | 6AB00000 | X  |
| 1102 | 02 | 00237    | 35B000DC | 03 |
| 1103 | 02 | 00238    | 02200020 | A  |
| 1104 | 02 | 00239    | 0A10008C | 03 |
| 1105 | 02 | 0023A    | 20300000 | A  |

G0FF  
G0FFG0T  
G0FFG0TIT

|         |            |
|---------|------------|
| CW,R12  | BWIFORM,R2 |
| BE      | G0FFG0T    |
| EQU     | *          |
| MTW,1   | FRMCK      |
| BNEZ    | FIND1      |
| LW,R11  | BWIFORM,R2 |
| STW,R11 | FRMNM      |
| B       | FIND1      |
| EQU     | *          |
| CI,R14  | 0CPTYP     |
| BNE     | G0FFG0TIT  |
| LI,R11  | BWIFOVL    |
| BFZ     | G0FFG0TIT  |
| LW,R11  | BWIFOVL,R2 |
| CW,R11  | STW,FBV,R3 |
| BNE     | G0FF       |
| LB,R11  | BBIJDE,R2  |
| CB,R11  | STBIJDE,R3 |
| BNE     | G0FF       |
| EQU     | *          |
| LI,R3   | 0          |
| CW,R10  | SWITBIT    |
| BAZ     | G0FFG0     |
| LW,R8   | SWTINIT    |
| BNEZ    | FIND1      |
| LW,R8   | SISTLC     |
| BLZ     | FIND1      |
| LCI     | 2          |
| PSM,R1  | TMPSTK     |
| BAL,R11 | SVIV       |
| LW,R11  | RCVRFLG    |
| BNEZ    | *+2        |
| BAL,R11 | TISTLPP    |
| STW,R11 | SVZ        |
| LCI     | 2          |
| PLM,R1  | TMPSTK     |
| AI,R3   | 0          |

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|------|-------|---------|-------------|--------|------------|
| 1106 | 02    | 0023B   | 682002B9    |        | BLEZ       |
| 1107 | 02    | 0023C   | 35300000 X  |        | STW,R3     |
| 1108 | 02    | 0023D   | 353000F0 03 |        | STW,3      |
| 1109 | 02    | 0023E   | 737000F0 03 |        | MTB,7      |
| 1110 | 02    | 0023F   | 048000F0 03 |        | CAL,8      |
| 1111 | 02    | 00240   | 20300100 A  |        | AI,R3      |
| 1112 | 02    | 00241   | 6D000037 A  |        | WD,0       |
| 1113 | 02    | 00242   | 32800000 X  |        | LW,R8      |
| 1114 | 02    | 00243   | 35300000 X  |        | STW,R3     |
| 1115 | 02    | 00244   | 35810100 A  |        | STW,R8     |
| 1116 | 02    | 00245   | 6D000027 A  |        | WD,0       |
| 1117 | 02    | 00246   | 22300088 A  |        | LI,R3      |
| 1118 | 02    | 00247   | 3286113E    |        | LW,R8      |
| 1119 | 02    | 00248   | 35870000 A  |        | STW,R8     |
| 1120 | 02    | 00249   | 64300247    |        | BDR,R3     |
| 1121 | 02    | 0024A   | 3280113E    |        | LW,R8      |
| 1122 | 02    | 0024B   | 35810000 A  |        | STW,R8     |
| 1123 | 02    | 0024C   | 32800000 X  |        | LW,R8      |
| 1124 | 02    | 0024D   | 20800080 A  |        | AI,R8      |
| 1125 | 02    | 0024E   | 35800000 X  |        | STW,R8     |
| 1126 | 02    | 0024F   | 20800007 A  |        | AI,R8      |
| 1127 | 02    | 00250   | 25800002 A  |        | SLS,R8     |
| 1128 | 02    | 00251   | 35810086 A  |        | STW,R8     |
| 1129 | 02    | 00252   | 048011E7    |        | CAL,8      |
| 1130 | 02    | 00253   |             | G0FGSW | EQU        |
| 1131 | 02    | 00253   | 32300000 X  |        | LW,R3      |
| 1132 | 02    | 00254   | 32B01490    |        | LW,R11     |
| 1133 | 02    | 00255   | 4BB40000 X  |        | AND,R11    |
| 1134 | 02    | 00256   | 68300258    |        | BEZ        |
| 1135 | 02    | 00257   | 30300000 X  |        | AW,R3      |
| 1136 | 02    | 00258   |             | G0FG8  | EQU        |
| 1137 | 02    | 00258   | 72B40000 X  |        | LB,R11     |
| 1138 | 02    | 00259   | 75B0000A A  |        | STB,R11    |
| 1139 | 02    | 0025A   | 52B40000 X  |        | LW,R11     |
| 1140 | 02    | 0025B   | 55D0000B A  |        | STH,R13    |
| 1141 | 02    | 0025C   | 201FFFEF A  |        | AI,R1      |
| 1142 | 02    | 0025D   | 7510000B A  |        | STB,R1     |
|      |       |         |             |        | FIND1      |
|      |       |         |             |        | SWTINIT    |
|      |       |         |             |        | SAD        |
|      |       |         |             |        | SAD        |
|      |       |         |             |        | SAD        |
|      |       |         |             |        | X'100'     |
|      |       |         |             |        | X'37'      |
|      |       |         |             |        | SP08L      |
|      |       |         |             |        | SP08L      |
|      |       |         |             |        | VP+X'100'  |
|      |       |         |             |        | X'27'      |
|      |       |         |             |        | SWTSIZ     |
|      |       |         |             |        | BASESW,R3  |
|      |       |         |             |        | VP,R3      |
|      |       |         |             |        | *-2        |
|      |       |         |             |        | BASESW     |
|      |       |         |             |        | VP         |
|      |       |         |             |        | SWTINIT    |
|      |       |         |             |        | SWTND      |
|      |       |         |             |        | SWTEND     |
|      |       |         |             |        | BUF-SWTND  |
|      |       |         |             |        | 2          |
|      |       |         |             |        | VP+BUFBA   |
|      |       |         |             |        | FVP        |
|      |       |         |             |        | *          |
|      |       |         |             |        | Y8         |
|      |       |         |             |        | HASPBIT    |
|      |       |         |             |        | BW:SDA,R2  |
|      |       |         |             |        | *+2        |
|      |       |         |             |        | Y4         |
|      |       |         |             |        | *          |
|      |       |         |             |        | BB:COPY,R2 |
|      |       |         |             |        | R10        |
|      |       |         |             |        | BHISID,R2  |
|      |       |         |             |        | R11        |
|      |       |         |             |        | *08PRI     |
|      |       |         |             |        | R11        |

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|      |    |       |          |    |
|------|----|-------|----------|----|
| 1143 | 02 | 0025E | 20100011 | A  |
| 1144 | 02 | 0025F | 4730000B | A  |
| 1145 | 02 | 00260 | 52F40000 | X  |
| 1146 | 02 | 00261 | 6830026B |    |
| 1147 | 02 | 00262 | 323000ED | 03 |
| 1148 | 02 | 00263 | 53060000 | X  |
| 1149 | 02 | 00264 | 49300266 |    |
| 1150 | 02 | 00265 | 331000F2 | 03 |
| 1151 | 02 | 00266 | 55F60000 | X  |
| 1*   | 02 | 00267 | 22F00000 | A  |
| 2*   | 02 | 00268 | 55F40000 | X  |
| 1152 | 02 | 00269 | 52F40000 | X  |
| 1153 | 02 | 0026A | 35F00337 | 03 |
| 1154 | 02 | 0026B |          |    |
| 1155 | 02 | 0026B | 22E00025 | A  |
| 1156 | 02 | 0026C | 6A8001D9 |    |
| 1157 | 02 | 0026D | 52840000 | X  |
| 1158 | 02 | 0026E | 358E0003 | A  |
| 1159 | 02 | 0026F | 32840000 | X  |
| 1160 | 02 | 00270 | 48800000 | X  |
| 1161 | 02 | 00271 | 6D000037 | A  |
| 1162 | 02 | 00272 | 35840000 | X  |
| 1163 | 02 | 00273 |          |    |
| 1164 | 02 | 00273 | 35AE0001 | A  |
| 1165 | 02 | 00274 | 6D000027 | A  |
| 1166 | 02 | 00275 | 35BE0002 | A  |
| 1167 | 02 | 00276 | 323000ED | 03 |
| 1168 | 02 | 00277 | 72160000 | X  |
| 1169 | 02 | 00278 | 2280002C |    |
| 1170 | 02 | 00279 | 19500000 | X  |
| 1171 | 02 | 0027A | 69900BC0 |    |
| 1172 | 02 | 0027B | 22204000 | A  |
| 1173 | 02 | 0027C | 51260000 | X  |
| 1174 | 02 | 0027D | 68400BC0 |    |
| 1175 | 02 | 0027E | 6D000037 | A  |
| 1176 | 02 | 0027F | 52260000 | X  |
| 1177 | 02 | 00280 | 4B2014A1 |    |

G0F2

G0F3

|         |             |
|---------|-------------|
| AI,R1   | 00PRI       |
| STS,R3  | R11         |
| LW,R15  | BHICMID,R2  |
| BZ      | G0F2        |
| LW,R3   | SYMINDX     |
| MTH,0   | STH,CMDV,R3 |
| BNEZ    | *+2         |
| MTW,1   | STARTCOM    |
| STH,R15 | STHICMDV,R3 |
| LI,R15  | 0           |
| STH,R15 | BHICMID,R2  |
| LW,R15  | BHISID,R2   |
| STW,R15 | COMODM1     |
| EDU     | \$          |
| LI,R14  | FREQ        |
| BAL,R8  | CHNG        |
| LW,R8   | BHIGRAN,R2  |
| STW,R8  | 3,R7        |
| LW,R8   | BWISDA,R2   |
| AND,R8  | YFF         |
| WD,0    | X'37'       |
| STW,R8  | BWISDA,R2   |
| EDU     | \$          |
| STW,R10 | 1,R7        |
| WD,0    | X'27'       |
| STW,R11 | 2,R7        |
| LW,R3   | SYMINDX     |
| LB,R1   | SSIG,R3     |
| LI,R8   | CTR4        |
| CLM,R5  | RBLIMS      |
| BES,9   | SYSG        |
| LI,R2   | ALGBT       |
| CH,R2   | STH:FLG,R3  |
| BAZ     | SYSG        |
| WD,0    | X'37'       |
| LW,R2   | STH:FLG,R3  |
| AND,R2  | NALGBT      |

GET COMID FOR THIS FILE  
NOT COMODE OUTPUT

START OF NEW COMODE OUTPUT  
NOPE

LET SYSG KNOW TO PRINT MESSAGE  
STORE COMID FOR THIS DEVICE

CLEAR OUT COMID (DONE WITH THIS SL0)  
PICK UP SYSID  
& SAVE IT TEMPORARILY



H01 15:40 SEP 08, 175

1215 02 00296  
 1216 02 00296 6D000037 A  
 1217 02 00297 52160000 X  
 1218 02 00298 4B1014A4  
 1219 02 00299 55160000 X  
 1220 02 0029A 6D000027 A  
 1221 02 0029B F8000006 A  
 1222 02 0029C  
 1223 02 0029C 22100023 A  
 1224 02 0029D 52220024 03  
 1225 02 0029E 68300290  
 1226 02 0029F 32A40000 X  
 1227 02 002A0 4BA00000 X  
 1228 02 002A1 30A00000 X  
 1229 02 002A2 22B00012 A  
 1230 02 002A3 25B00278 A  
 1231 02 002A4 21200000 N  
 1232 02 002A5 6920026B  
 1233 02 002A6 22E00024 A  
 1234 02 002A7 6800026C  
 1235 02 002A8  
 1236 02 002A8 21900080 A  
 1237 02 002A9 69400719  
 1238 02 002AA 52160000 X  
 1239 02 002AB 551001C7 03  
 1240 02 002AC 221001C2 03  
 1241 02 002AD 6AC00E56  
 1242 02 002AE 32700002 03  
 1243 02 002AF 323000ED 03  
 1244 02 002B0 713A0000 X  
 1245 02 002B1 69300290  
 1246 02 002B2 32B60000 X  
 1247 02 002B3 69300290  
 1248 02 002B4 226001F1  
 1249 02 002B5 68000296  
 1250  
 1251

RSTP EQU \$  
 WD,0 X'37'  
 LH,R1 STH:FLG,R3  
 AND,R1 NSTALBT  
 STH,R1 STH:FLG,R3  
 WD,0 X'27'  
 B \*R6  
 GDEL EQU \$  
 LI,R1 DELPRI  
 LH,R2 BHI:HPRI,R1  
 BEZ GOF6  
 LW,R10 BWISDA,R2  
 AND,R10 M24  
 AW,R10 Y01  
 LI,R11 DELPRI=00PRI  
 SCS,R11 =8  
 CI,R2 INFIL  
 BG GOF2  
 LI,R14 FREI  
 B GOF2\*1  
 GOFRFM EQU \$  
 CI,R9 XP2BIT  
 BANZ XP2FM  
 LH,R1 STH:NM,R3  
 STH,R1 RFRMM1  
 LI,R1 RFRMM  
 BAL,R12 0NEMES  
 LW,R7 SVCBF  
 LW,R3 SYMINDX  
 CB,R3 RBB:SMO,R3  
 BNE GOF6  
 LW,R11 STW:FORM,R3  
 BNEZ GOF6  
 LI,R6 GOF  
 B RSTP

\*\*\*\*\*  
 \*



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1252
1253
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1263
1264
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1266
1267
1268      02 002B6
1269 02 002B6 20000001 A
1270 02 002B7 52220024 03
1271 02 002B8 680002BA
1272      02 002B9
1273 02 002B9 52240000 X
1274 02 002BA F9300000 A
1275 02 002BB 201FFFFFF A
1276 02 002BC 681002B7
1277 02 002BD 200FFFFFF A
1278 02 002BE F8000000 A
1279
1280      02 002BF
1281 02 002BF 22100025 A
1282 02 002C0 52320024 03
1283 02 002C1 22100004 A
1284 02 002C2 F2120007 A
1285 02 002C3 693002C5
1286 02 002C4 22100001 A
1287 02 002C5 75160000 X
1288 02 002C6 22A00000 A
    
```

```

*
*F*      NAME:      FIND (FIND1)
*F*
*F*      PURPOSE:  RUN BATCH QUEUE PRIORITY CHAINS
*F*
*F*      DESCRIPTION:
*F*      WHEN A ROUTINE WISHES TO LOOK AT ONE OR MORE BATCH QU
*F*      PRIORITY CHAINS, IT CALLS FIND SPECIFYING THE STARTIN
*F*      PRIORITY. FIND LINKS THROUGH THE CHAINS UNTIL IT FIN
*F*      A FILE OF THAT OR LOWER PRIORITY AND RETURNS TO BAL+2
*F*      IF THE CALLER WISHES TO CONTINUE, HE CALLS FIND1 TO G
*F*      THE NEXT ENTRY, AND SO FORTH. WHEN THERE ARE NO MORE
*F*      ENTRIES, FIND OR FIND1 EXITS TO BAL+1.
*
*
*      FIND      EQU      $      GET THE ENTRY BY PRIORITY
*      AI,R0      1      START WITH PRI0 IN R1
*      LH,R2      BH:HPRI,R1  ENTER A FIND TO GET FIRST ENTRY
*      B          $+2      THEN RETURN TO FIND1 FOR NEXT.
*
*      FIND1     EQU      $      RETURNS TO BAL+2 IF ENTRY FOUND,
*      LH,R2      BH:LINK,R2  BAL+1 IF OUT OF ENTRIES
*      BNEZ      *R0      :
*      AI,R1      .1      BAL,0 FIND
*      BGEZ      FIND+1    B      DONE
*      AI,R0      *1      IS THIS THE ONE
*      B          *R0      BNE      FIND1
*
*      *****
*      ADFSET    EQU      $
*      LI,R1      FREE
*      LH,R3      BH:HPRI,R1
*      LI,R1      4
*      LB,R1      ,R7,R1
*      BNEZ      $+2
*      LI,R1      1
*      STB,R1     BB:COPY,R3
*      LI,R10     0
    
```

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|      |    |          |          |    |
|------|----|----------|----------|----|
| 1289 | 02 | 002C7    | 35A0005E | 03 |
| 1290 | 02 | 002C8    | 6D000037 | A  |
| 1291 | 02 | 002C9    | 32AE0001 | A  |
| 1292 | 02 | 002CA    | 4BA00000 | X  |
| 1293 | 02 | 002CB    | 35A60000 | X  |
| 1294 | 02 | 002CC    | 6D000027 | A  |
| 1295 | 02 | 002CD    | 321E0003 | A  |
| 1296 | 02 | 002CE    | 693002D0 |    |
| 1297 | 02 | 002CF    | 22100001 | A  |
| 1298 | 02 | 002D0    | 55160000 | X  |
| 1299 | 02 | 002D1    | 22100008 | A  |
| 1300 | 02 | 002D2    | F2E20007 | A  |
| 1301 | 02 | 002D3    | 21E00080 | A  |
| 1302 | 02 | 002D4    | 684002DA |    |
| 1303 | 02 | 002D5    | 32100000 | X  |
| 1304 | 02 | 002D6    | 21E00040 | A  |
| 1305 | 02 | 002D7    | 684002D9 |    |
| 1306 | 02 | 002D8    | 30101490 |    |
| 1307 | 02 | 002D9    | 47160000 | X  |
| 1308 |    | 02 002DA |          |    |
| 1309 | 02 | 002DA    | 4BE00000 | X  |
| 1310 | 02 | 002DB    | 693002DD |    |
| 1311 | 02 | 002DC    | 22E00001 | A  |
| 1312 | 02 | 002DD    | 32100000 | X  |
| 1313 | 02 | 002DE    | 683002EA |    |
| 1314 | 02 | 002DF    | 21E0000F | A  |
| 1315 | 02 | 002E0    | 681002EA |    |
| 1316 | 02 | 002E1    | 72160000 | X  |
| 1317 | 02 | 002E2    | 32DE0003 | A  |
| 1318 | 02 | 002E3    | 37D00001 | A  |
| 1319 | 02 | 002E4    | 2210000E | A  |
| 1320 | 02 | 002E5    | 31D21233 |    |
| 1321 | 02 | 002E6    | 682002E9 |    |
| 1322 | 02 | 002E7    | 641002E5 |    |
| 1323 | 02 | 002E8    | 22100001 | A  |
| 1324 | 02 | 002E9    | 32E00001 | A  |
| 1325 |    | 02 002FA |          |    |

A0FSWS

A0FNPG

|         |            |
|---------|------------|
| STW,R10 | K0MP       |
| WD,0    | X'37'      |
| LW,R10  | 1,R7       |
| AND,R10 | M24        |
| STW,R10 | BWISDA,R3  |
| WD,0    | X'27'      |
| LW,R1   | 3,R7       |
| BNEZ    | *+2        |
| LI,R1   | 1          |
| STH,R1  | BHIGRAN,R3 |
| LI,R1   | 8          |
| LB,R14  | *R7,R1     |
| CI,R14  | X'80'      |
| BAZ     | A0FSWS     |
| LW,R1   | SWITBIT    |
| CI,R14  | X'40'      |
| BAZ     | *+2        |
| AW,R1   | HASPBIT    |
| STS,R1  | BWISDA,R3  |
| EQU     | *          |
| AND,R14 | M5         |
| BNEZ    | *+2        |
| LI,R14  | 1          |
| LW,R1   | SISBGC     |
| BEZ     | A0FNPG     |
| CI,R14  | X'F'       |
| BGE     | A0FNPG     |
| LB,R1   | BBICOPY,R3 |
| LW,R13  | 3,R7       |
| MW,R13  | R1         |
| LI,R1   | X'E'       |
| CW,R13  | GRNLMS,R1  |
| BLE     | *+3        |
| BDR,R1  | *-2        |
| LI,R1   | 1          |
| LW,R14  | R1         |
| EQU     | *          |

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```

1326 02 002EA 20E00011 A
1327 02 002EB 22100009 A
1328 02 002EC F2D20007 A
1329 02 002ED 75D60000 X
1330 02 002EE 22100005 A
1331 02 002EF D2C20007 A
1332 02 002FO 4BC00000 X
1333 02 002F1 51C00073 03
1334 02 002F2 482002F4
1335 02 002F3 55C00073 03
1336 02 002F4 55C60000 X
1337 02 002F5 75560000 X
1338 02 002F6 326000ED 03
1339 02 002F7 693002F9
1340 02 002F8 20601221 N
1341 02 002F9 20600000 N
1342 02 002FA 325C0001 A
1343 02 002FB 35560000 X
1344 02 002FC 22500000 N
1345 02 002FD 48300304
1346 02 002FE 325C0002 A
1347 02 002FF 35560000 X
1348 02 00300 22507F00 A
1349 02 00301 485C0000 A
1350 02 00302 25500078 A
1351 02 00303 75560000 X
1352 02 00304
1353 02 00304 325C0000 A
1354 02 00305 21508000 A
1355 02 00306 4840030E
1356 02 00307 22100004 A
1357 02 00308 F2120007 A
1358 02 00309 75100005 A
1359 02 0030A 52500005 A
1360 02 0030B 22100001 A
1361 02 0030C 75160000 X
1362 02 0030D 4800030F

```

ABFS2

```

AI,R14 00PRI
LI,R1 9
LB,R13 *R7,R1
STB,R13 BBIRID,R3
LI,R1 5
LH,R12 *R7,R1
AND,R12 M16
CH,R12 RSID
BLE $+2
STH,R12 RSID
STH,R12 BHISID,R3
STB,R5 BBIDEV,R3
LW,R6 SYMIDX
BNEZ $+2
AI,R6 3ZERO,SGCBUF
AI,R6 SGCBUF
LW,R5 1,R6
STW,R5 BW:FORM,R3
LI,R5 BW:FOVL
BEZ ABFS2
LW,R5 2,R6
STW,R5 BW:FOVL,R3
LI,R5 X'7F00'
AND,R5 0,R6
SLS,R5 =8
STB,R5 BB:JDF,R3
EQU $
LW,R5 0,R6
CI,R5 X'8000'
BAZ ABFS3
LI,R1 4
LB,R1 *R7,R1
STB,R1 R5
LH,R5 R5
LI,R1 1
STB,R1 BB:ICOPY,R3
B $+2

```

SCRUB JUNK OFF OF JDE

```

GET LNK,COMID(2),JDE,n 8,8,8,8
CHECK COMODE FLAG (BIT 0 OF JDE)
NOT COMODE
COPY FIELD IN COMBUF #1 IS...
...REALLY COMID(1).
PUT IT IN ITS PLACE
& GET THE WHOLE COMID READY...
... BUT FIRST SET COPIES TO 1
OR ELSE

```

```

1363      02 0030E      22500000 A
1364      02 0030E      22500000 A
1365      02 0030F      22100000 A
1366      02 00310      351E0001 A
1367      02 00311      55560000 X
1368      02 00312      22500000 N
1369      02 00313      F8000000 A
1370      02 00314
1371      02 00314      22200000 A
1372      02 00315      462000ED 03
1373      02 00316      6BFE0002 A
1374      02 00317      6820031A
1375      02 00318      6980031A
1376      02 00319      6AA0014E
1377      02 0031A      72640000 X
1378      02 0031B      19600000 X
1379      02 0031C      6990031F
1380      02 0031D      720C0000 X
1381      02 0031E      4B500000 A
1382      02 0031F
1383      02 0031F      6A0002BF
1384      02 00320      32640000 X
1385      02 00321      35660000 X
1386      02 00322      22600000 N
1387      02 00323      68300328
1388      02 00324      32640000 X
1389      02 00325      35660000 X
1390      02 00326      72640000 X
1391      02 00327      75660000 X
1392      02 00328
1393      02 00328      21E00023 A
1394      02 00329      68300372
1395      02 0032A      720000D3 03
1396      02 0032B      6830032D
1397      02 0032C      22E00020 A
1398      02 0032D      20C00000 A
1399      02 0032E      69300331
    
```

```

ABFS3 EQU *
      LI,R5 0
      LI,R1 0
      STW,R1 1,R7
      STH,R5 BH;COMID,R3
      LI,R5 LCLX
      B *R0
ABFP EQU *
      LI,R2 0
      XW,R2 SYMINDX
      INT,R15 2,R7
      BCR,2 $+3
      BCS,8 $+2
      BAL,R10 PRTBAN
      LB,R6 SNDDX,R2
      CLM,R6 RBLIMS
      BCS,9 ABFP1
      LB,R0 RBBIDSM,R6
      AND,R5 R0
ABFP1 EQU *
      BAL,R0 ABFSET
      LW,R6 STWIFORM,R2
      STW,R6 BWIFORM,R3
      LI,R6 BWIF0VL
      BEZ ABFP2
      LW,R6 STWIF0V,R2
      STW,R6 BWIF0VL,R3
      LB,R6 STB;JDE,R2
      STB,R6 BB;JDE,R3
ABFP2 EQU *
      CI,R14 DELPRI
      BE ABFADD
      LB,R0 RCVRFLG
      BEZ $+2
      LI,R14 F0PRI
      AI,R12 0
      BNEZ ABFP3
    
```

ZERO COMID = NOT COMODE

...TUCK AWAY THIS FILE'S COMID

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1400 02 0032F 22E00023 A  
 1401 02 00330 68000372  
 1402 02 00331 52640000 X  
 1403 02 00331 52640000 X  
 1404 02 00332 68300342  
 1405 02 00333 55660000 X  
 1406 02 00334 48601227  
 1407 02 00335 55640000 X  
 1408 02 00336 331000F3 03  
 1409 02 00337 68000342  
 1410 02 00338 6A0002BF  
 1411 02 00338 6A0002BF  
 1412 02 00339 22A00000 A  
 1413 02 0033A 22100010 A  
 1414 02 0033B 68000344  
 1415 02 0033C 6A0002BF  
 1416 02 0033C 6A0002BF  
 1417 02 0033D 22A00000 A  
 1418 02 0033E 22100010 A  
 1419 02 0033F 22B00367  
 1420 02 00340 68000347  
 1421 02 00341 6A0002BF  
 1422 02 00341 6A0002BF  
 1423 02 00342 22100020 A  
 1424 02 00343 22A00800 A  
 1425 02 00344 22B00372  
 1426 02 00345 21E00023 A  
 1427 02 00346 68300372  
 1428 02 00347 32F00000 X  
 1\* 02 00348 52860000 X  
 2\* 02 00349 48801227  
 1429 02 0034A 6A0002B6  
 1430 02 0034B 68000372  
 1437 02 0034C 21100010 A  
 1438 02 0034D 69100372  
 1439 02 0034E 51C40000 X  
 1440 02 0034F 69300289

ABFP3

ABF

ABFL

ABFNB

ABF1

ABF2

ABF3

LI,R14  
 B  
 EQU  
 LH,R6  
 BEZ  
 STH,R6  
 AND,R6  
 STH,R6  
 MTW,1  
 B  
 EQU  
 BAL,R0  
 LI,R10  
 LI,R1  
 B  
 EQU  
 BAL,R0  
 LI,R10  
 LI,R1  
 LI,R11  
 B  
 EQU  
 BAL,R0  
 LI,R1  
 LI,R10  
 LI,R11  
 CI,R14  
 BE  
 LW,R15  
 LH,R8  
 AND,R8  
 BAL,R0  
 B  
 CI,R1  
 BL  
 CH,R12  
 BNE

DELPRI  
 ABFADD  
 \$  
 STH:CMDV,R2  
 ABF1  
 BHICOMID,R3  
 X7FFF  
 STH:CMDV,R2  
 CHAINHD  
 ABF1  
 \$  
 ABFSET  
 0  
 RUNPRI  
 ABF2  
 \$  
 ABFSET  
 0  
 RUNPRI  
 ABFRR  
 ABF3  
 ABFSET  
 FOPRI  
 HALBIT  
 ABFADD  
 DELPRI  
 ABFADD  
 H8,DLBT  
 BHICOMID,R3  
 X7FFF  
 FIND  
 ABFADD  
 RUNPRI  
 ABFADD  
 BHISID,R2  
 FIND1

WAS DEV. DOING COMODE OUTPUT  
 NOPE! NO HASSLE  
 TAG FILE WITH COMID OF DEVICE  
 IN CASE LAST CHUNK FLAG WAS SET  
 RE-ASSIGN DEVICE THIS COMID  
 FLAG TO CHAIN TO HEAD OF QUEUE

PICK UP COMID OF FILE WE'RE ADDING  
 KNOCK OFF 'LAST CHUNK' FLAG

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1\* 02 00350 21100010 A  
 2\* 02 00351 68200357  
 3\* 02 00352 53040000 X  
 4\* 02 00353 68300357  
 5\* 02 00354 51840000 X  
 6\* 02 00355 69300357  
 7\* 02 00356 32E00001 A  
 8\* 02 00357  
 9\* 02 00357 21100010 A  
 10\* 02 00358 6930035E  
 11\* 02 00359 32E00002 A  
 12\* 02 0035A 25E00002 A  
 13\* 02 0035B 20E00000 N  
 14\* 02 0035C F2E0000E A  
 15\* 02 0035D 20E00011 A  
 16\* 02 0035E  
 1441 02 0035E 71D40000 X  
 1442 02 0035F F930000B A  
 1443 02 00360 F840000B A  
 1454 02 00361 4AF40000 X  
 1455 02 00362 47F60000 X  
 1456 02 00363 31F00000 X  
 1457 02 00364 F840000B A  
 1458 02 00365 22E00023 A  
 1459 02 00366 F800000B A  
 1460 02 00367  
 1461 02 00367 35E0000D1 03  
 1462 02 00368 22E00024 A  
 1463 02 00369 32F00000 X  
 1464 02 0036A 31F40000 X  
 1465 02 0036B 6840036F  
 1466 02 0036C 728000D3 03  
 1467 02 0036D 69300371  
 1468 02 0036E 22E00023 A  
 1469 02 0036F  
 1470 02 0036F 6A8001D9  
 1471 02 00370 6A8009D1

ABF4

ABF5

ABFRR

ABFRR1

CI,R1 RUNPRI  
 BLE ABF4  
 MTH,0 BHICOMID,R2  
 BFZ ABF4  
 CH,R8 BHICOMID,R2  
 BNE ABF4  
 LW,R14 R1  
 EQU \$  
 CI,R1 RUNPRI  
 BNE ABF5  
 LW,R14 R2  
 SLS,R14 2  
 AI,R14 B4WIRES  
 LB,R14 \*R14  
 AI,R14 OOPRI  
 EQU \$  
 CB,R13 BBIRID,R2  
 BNE \*R11  
 BAZ \*R11  
 LS,R15 BWISDA,R2  
 STS,R15 BWISDA,R3  
 CW,R15 DELBIT  
 BAZ \*R11  
 LI,R14 DELPRI  
 B \*R11  
 EQU \$  
 STW,R14 PRI0  
 LI,R14 FREI  
 LW,R15 RRBIT  
 CW,R15 BWISDA,R2  
 BAZ ABFRR1  
 LB,R8 RCVRFLG  
 BNEZ ABFRR2  
 LI,R14 DELPRI  
 EQU \$  
 BAL,R8 CHNG  
 BAL,R8 ABR5#

IS THIS AN OUTPUT FILE  
 NO  
 IS IT COMODE OUTPUT  
 NOPE  
 IS IT THE SAME COMODE STREAM  
 NOPE  
 YEP: GOTTA KEEP OUTPUT PRI0S SAME  
  
 IS HE RUNNING...  
 NO  
  
 GET TRUE RUN PRI0 FOR OUTPUT PRI0  
  
 MAKE OUTFILE PRI0 OUT OF IT

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|      |    |       |           |    |  |
|------|----|-------|-----------|----|--|
| 1472 |    | 02    | 00371     |    |  |
| 1473 | 02 | 00371 | 32E000D1  | 03 |  |
| 1474 |    | 02    | 00372     |    |  |
| 1475 | 02 | 00372 | 6A8001EB  |    |  |
| 1476 | 02 | 00373 | 21100023  | A  |  |
| 1477 | 02 | 00374 | 68300020  |    |  |
| 1478 | 02 | 00375 | 32F00000  | X  |  |
| 1479 | 02 | 00376 | 31F40000  | X  |  |
| 1480 | 02 | 00377 | 69400020  |    |  |
| 1481 | 02 | 00378 | 22800020  |    |  |
| 1482 |    | 02    | 00379     |    |  |
| 1483 | 02 | 00379 | 20D00000  | A  |  |
| 1484 | 02 | 0037A | 68300B93  |    |  |
| 1485 | 02 | 0037B | 6AB00381  |    |  |
| 1486 | 02 | 0037C | 6800037F  |    |  |
| 1487 | 02 | 0037D | 31A60000  | X  |  |
| 1488 | 02 | 0037E | 68400BDC  |    |  |
| 1489 | 02 | 0037F | 32400008  | A  |  |
| 1490 | 02 | 00380 | 680004D6  |    |  |
| 1491 |    | 02    | 00381     |    |  |
| 1492 | 02 | 00381 | 32300001  | N  |  |
| 1493 | 02 | 00382 | 68000384  |    |  |
| 1494 |    | 02    | 00383     |    |  |
| 1495 | 02 | 00383 | 203FFFFFF | A  |  |
| 1496 | 02 | 00384 | 31300000  | X  |  |
| 1497 | 02 | 00385 | F910000B  | A  |  |
| 1498 | 02 | 00386 | 71D60000  | X  |  |
| 1499 | 02 | 00387 | 69300383  |    |  |
| 1500 | 02 | 00388 | 6800060F  |    |  |
| 1501 |    |       |           |    |  |
| 1502 |    |       |           |    |  |
| 1503 |    |       |           |    |  |
| 1504 |    |       |           |    |  |
| 1505 |    |       |           |    |  |
| 1506 |    |       |           |    |  |
| 1507 |    |       |           |    |  |
| 1508 |    |       |           |    |  |

|        |         |            |
|--------|---------|------------|
| ABFRR2 | EQU     | *          |
|        | LW,R14  | PRI0       |
| ABFADD | EQU     | *          |
|        | BAL,R8  | ADDFRE     |
|        | CI,R1   | DELPRI     |
|        | BE      | CTR1       |
|        | LW,R15  | HOLDBIT    |
|        | CW,R15  | BWISDA,R2  |
|        | BANZ    | CTR1       |
|        | LI,R8   | CTR1       |
| RBCHK  | EQU     | *          |
|        | AI,R13  | 0          |
|        | BEZ     | STRTSYM    |
|        | BAL,R11 | RBFND      |
|        | B       | *+3        |
|        | CW,R10  | RBIFLAG,R3 |
|        | BAZ     | RNDBIT     |
|        | LW,R4   | R8         |
|        | B       | HLD        |
| RBFND  | EQU     | *          |
|        | LW,R3   | RBLIMS+1   |
|        | B       | *+2        |
| RBFND1 | EQU     | *          |
|        | AI,R3   | =1         |
|        | CW,R3   | RBLIMS     |
|        | BL      | *R11       |
|        | CB,R13  | RBB:ID,R3  |
|        | BNE     | RBFND1     |
|        | B       | INC11B     |

\*\*\*\*\*

\*  
\*

\*F\* NAME: ADDIT  
 \*F\*  
 \*F\* PURPOSE: ADD A LOOSE BATCH QUEUE SLOT (USUALLY FREED BY CHNG)  
 \*F\* A PRIORITY CHAIN  
 \*F\*

1509  
 1510  
 1511  
 1512  
 1513  
 1514  
 1515  
 1516  
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 1518  
 1519  
 1520  
 1521  
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 1523  
 1524  
 1525  
 1526  
 1527  
 1528           02 00389  
 1529   02 00389   4B100000 X  
 1530   02 0038A   21100023 A  
 1531   02 0038B   69300395  
 1532   02 0038C   72300000 X  
 1533   02 0038D   73060000 X  
 1534   02 0038E   693003A7  
 1535   02 0038F   022000C0 A  
 1536   02 00390   0880008C 03  
 1537   02 00391   6A800BBF  
 1538   02 00392   022000C0 A  
 1539   02 00393   0A80008C 03  
 1540   02 00394   680003A7  
 1541           02 00395  
 1542   02 00395   21100024 A  
 1543   02 00396   691003A7  
 1544   02 00397   32300000 X  
 1545   02 00398   31340000 X

\*F\*  
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 \*F\*  
 \*F\*  
 \*

DESCRIPTION:

ADDIT CHAINS THE LOOSE ENTRY TO THE TAIL OF THE SPECIFIC CHAIN. IN ADDITION IT PERFORMS OTHER TASKS UNDER SOME CONDITIONS!

IF THE ENTRY IS TO BE ADDED TO THE DELETE CHAIN, ADDIT STARTS THE DELETE SYMBIONT IF IT IS IDLE.

IF THE ENTRY IS BEING ADDED TO THE FREE INPUT SLOT CHAIN, ADDIT INCREMENTS BL:IFS.

IF THE ENTRY IS BEING ADDED TO THE FREE OUTPUT SLOT CHAIN, ADDIT CHECKS TO SEE WHETHER A RESERVED MESSAGE FILE SLOT WAS USED. IF SO HE INCREMENTS MFFS. IF NOT HE INCREMENTS BL:IFS AND UNQUEUES ANY USERS WHO ARE WAITING FOR QUEUE SLOTS (NSYMF).

ADDIT

EQU  
 AND,R1  
 CI,R1  
 BNE  
 LB,R3  
 MTB,0  
 BNEZ  
 LCI  
 PSM,R8  
 BAL,R8  
 LCI  
 PLM,R8  
 B  
 EQU  
 CI,R1  
 BL  
 LW,R3  
 CW,R3

ADD A LOOSE ENTRY TO THE PRIOR

\*  
 M8  
 DELPRI  
 ADDIT4  
 SNDDX  
 SSIG,R3  
 ADDIT3  
 12  
 TMPSTK  
 SYSG1  
 12  
 TMPSTK  
 ADDIT3  
 \*  
 FREI  
 ADDIT3  
 MFBIT  
 BWISDA,R2

CHAIN IN R1  
 !  
 REPLACE THE TAIL OF THE SELECTED CHAIN WITH THE NEW ENTRY IN R2.

ADDIT4



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|      |    |       |          |    |
|------|----|-------|----------|----|
| 1546 | 02 | 00399 | 6840039C |    |
| 1547 | 02 | 0039A | 331000C6 | 03 |
| 1548 | 02 | 0039B | 680003A7 |    |
| 1549 | 02 | 0039C | 223FFFDC | N  |
| 1550 | 02 | 0039D | 30300001 | A  |
| 1551 | 02 | 0039E | 83100003 | A  |
| 1552 | 02 | 0039F | 21300000 | N  |
| 1553 | 02 | 003A0 | 693003A7 |    |
| 1554 | 02 | 003A1 | 72300000 | X  |
| 1555 | 02 | 003A2 | 31300000 | X  |
| 1556 | 02 | 003A3 | 692003A7 |    |
| 1557 | 02 | 003A4 | 09B0008C | 03 |
| 1558 | 02 | 003A5 | 6A300C56 |    |
| 1559 | 02 | 003A6 | 08B0008C | 03 |
| 1560 |    | 02    | 003A7    |    |
| 1561 | 02 | 003A7 | 330000F3 | 03 |
| 1562 | 02 | 003A8 | 693003B2 |    |
| 1563 | 02 | 003A9 | 52320037 | 03 |
| 1564 | 02 | 003AA | 683003B0 |    |
| 1565 | 02 | 003AB | 55260000 | X  |
| 1566 |    | 02    | 003AC    |    |
| 1567 | 02 | 003AC | 55220037 | 03 |
| 1568 | 02 | 003AD | 22300000 | A  |
| 1569 | 02 | 003AE | 55340000 | X  |
| 1570 | 02 | 003AF | F8000008 | A  |
| 1571 |    | 02    | 003B0    |    |
| 1572 | 02 | 003B0 | 55220024 | 03 |
| 1573 | 02 | 003B1 | 680003AC |    |
| 1574 |    | 02    | 003B2    |    |
| 1575 | 02 | 003B2 | 52320024 | 03 |
| 1576 | 02 | 003B3 | 683003B8 |    |
| 1577 | 02 | 003B4 | 55340000 | X  |
| 1578 |    | 02    | 003B5    |    |
| 1579 | 02 | 003B5 | 55220024 | 03 |
| 1580 | 02 | 003B6 | 33F000F3 | 03 |
| 1581 | 02 | 003B7 | F8000008 | A  |
| 1582 |    | 02    | 003B8    |    |

ADDIT3  
ADDIT2  
ADDIT1  
ADDIT3H  
ADDIT2H  
ADDIT1H

|         |             |
|---------|-------------|
| BAZ     | *+3         |
| MTW,1   | MFFS        |
| B       | ADDIT3      |
| LI,R3   | BLIIFS,FREI |
| AW,R3   | R1          |
| MTW,1   | *R3         |
| CI,R3   | BLIIFS      |
| BNE     | ADDIT3      |
| LB,R3   | SNDDX       |
| CW,R3   | BLIIFS      |
| BG      | ADDIT3      |
| PSW,R11 | TMPSTK      |
| BAL,R3  | SYMF        |
| PLW,R11 | TMPSTK      |
| EQU     | *           |
| MTW,0   | CHAINHD     |
| BNEZ    | ADDIT3H     |
| LH,R3   | BH;TPRI,R1  |
| BEZ     | ADDIT1      |
| STH,R2  | BHILINK,R3  |
| EQU     | *           |
| STH,R2  | BH;TPRI,R1  |
| LI,R3   | 0           |
| STH,R3  | BH;LINK,R2  |
| B       | *R8         |
| EQU     | *           |
| STH,R2  | BH;HPRI,R1  |
| B       | ADDIT2      |
| EQU     | *           |
| LH,R3   | BH;HPRI,R1  |
| BEZ     | ADDIT1H     |
| STH,R3  | BHILINK,R2  |
| EQU     | *           |
| STH,R2  | BH;HPRI,R1  |
| MTW,-1  | CHAINHD     |
| B       | *R8         |
| EQU     | *           |

! IF THE ENTRY IS BEING FREED, INCREMI  
THE APPROPRIATE COUNTER. IF THE COI  
IS BLIIFS AND IT WAS ZERO REPORT  
SYMFIL AVAILABLE. THERE ARE A FEW

ADD TO HEAD OF QUEUE IF THIS IS...  
...A PARTIAL COMODE FILE

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|      |    |          |          |    |
|------|----|----------|----------|----|
| 1583 | 02 | 003B8    | 55220037 | 03 |
| 1584 | 02 | 003B9    | 22300000 | A  |
| 1585 | 02 | 003BA    | 55340000 | X  |
| 1586 | 02 | 003BB    | 680003B5 |    |
| 1587 |    |          |          |    |
| 1588 |    | 02 003BC |          |    |
| 1589 | 02 | 003BC    | 3590005A | 03 |
| 1590 | 02 | 003BD    | 224003D4 |    |
| 1591 | 02 | 003BE    | 15E0024E | 03 |
| 1592 |    | 02 003BF |          |    |
| 1593 | 02 | 003BF    | 727A0000 | X  |
| 1594 | 02 | 003C0    | 68380001 | A  |
| 1595 | 02 | 003C1    | 327A0000 | X  |
| 1596 | 02 | 003C2    | 693003D1 |    |
| 1597 | 02 | 003C3    | 122A0000 | X  |
| 1598 | 02 | 003C4    | 152001E2 | 03 |
| 1599 | 02 | 003C5    | 122A0000 | X  |
| 1600 | 02 | 003C6    | 152001DC | 03 |
| 1601 | 02 | 003C7    | 72FA0000 | X  |
| 1602 | 02 | 003C8    | 6AB008DF |    |
| 1603 | 02 | 003C9    | 35D001E0 | 03 |
| 1604 | 02 | 003CA    | 721A0000 | X  |
| 1605 | 02 | 003CB    | 22B00002 | A  |
| 1606 | 02 | 003CC    | 51B20000 | X  |
| 1607 | 02 | 003CD    | 69480000 | A  |
| 1608 | 02 | 003CE    | 221001DA | 03 |
| 1609 | 02 | 003CF    | 6AB00759 |    |
| 1610 | 02 | 003D0    | F8000004 | A  |
| 1611 |    | 02 003D1 |          |    |
| 1612 | 02 | 003D1    | 25700002 | A  |
| 1613 | 02 | 003D2    | 307A0000 | X  |
| 1614 | 02 | 003D3    | 68080001 | A  |
| 1615 | 02 | 003D4    | 12E0024E | 03 |
| 1616 |    | 02 003D5 |          |    |
| 1617 | 02 | 003D5    | 6A3000B6 |    |
| 1618 | 02 | 003D6    | 4BF00000 | X  |
| 1619 | 02 | 003D7    | 22300016 | A  |

|        |         |             |
|--------|---------|-------------|
|        | STH,R2  | BH,TPRI,R1  |
|        | LI,R3   | 0           |
|        | STH,R3  | BHILINK,R2  |
|        | B       | ADDIT2H     |
| *****  |         |             |
| RB,CCS | EQU     | \$          |
|        | STW,R9  | FLAGS       |
|        | LI,R4   | RB,CC1=1    |
|        | STD,R14 | FLD         |
| SETHDR | EQU     | \$          |
|        | LB,R7   | RBB,ISMD,R5 |
|        | BEZ     | 1,R4        |
|        | LW,R7   | RB,MFAD,R5  |
|        | BNEZ    | SET7        |
|        | LD,R2   | RBD,WSN,R5  |
|        | STD,R2  | HDR3        |
|        | LD,R2   | DCT16,R5    |
|        | STD,R2  | HDR1        |
|        | LB,R15  | RBB,1D,R5   |
|        | BAL,R11 | DEC         |
|        | STW,R13 | HDR2        |
|        | LB,R1   | RBB,ISMD,R5 |
|        | LI,R11  | OCBIT       |
|        | CH,R11  | STH,FLG,R1  |
|        | BAN2    | 0,R4        |
|        | LI,R1   | HDR         |
|        | BAL,R11 | MOVEMES     |
|        | B       | *R4         |
| SET7   | EQU     | \$          |
|        | SLS,R7  | 2           |
|        | AW,R7   | RB,SPMF,R5  |
|        | B       | 1,R4        |
|        | LD,R14  | FLD         |
| RB,CC1 | EQU     | \$          |
|        | BAL,R3  | CKJB        |
| RB,CC2 | AND,R15 | YFFFF       |
|        | LI,R3   | *RBCCS      |

PROCESS INPUT FILES FROM RBYS

IF A MESSAGE FILE IS ALREADY IN

PROGRESS FOR THIS GUY SET UP R7  
AND RETURN TO BAL+2. OTHERWISE  
PUT IN THE MFILE HEADER (THUS START  
AN MFILE) AND RETURN TO BAL+1.

RBCCS BEING INPUT FROM RBYS  
ARE EITHER SEPERATE INPUT FILES

INPUT FILES. THIS CODE PICKS THEM

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```

1620 02 003D8 11E613C0
1621 02 003D9 693003E6
1622 02 003DA 3210004F 03
1623 02 003DB 693003DD
1624 02 003DC 6AB0079C
1625 02 003DD 75300051 03
1626 02 003DE 221000A0 A
1627 02 003DF 6A400852
1628 02 003E0 21300011 A
1629 02 003E1 691003E4
1630 02 003E2 22900020 A
1631 02 003E3 4790005A 03
1632 02 003E4 721613FC
1633 02 003E5 68020464
1634 02 003E6 643003D8
1635 02 003E7 32B000CB 03
1636 02 003E8 683003FF
1637 02 003E9 32B0005A 03
1638 02 003EA 31B01493
1639 02 003EB 684003FF
1640 02 003EC 21B00080 A
1641 02 003ED 694003F9
1642 02 003EE 32600050 03
1643 02 003EF 3060004E 03
1644 02 003F0
1645 02 003F0 721C0000 A
1646 02 003F1 21100008 A
1647 02 003F2 683003F7
1648 02 003F3 20600001 A
1649 02 003F4 22100080 A
1650 02 003F5 224003F0
1651 02 003F6 68000852
1652 02 003F7
1653 02 003F7 38600050 03
1654 02 003F8 3560004E 03
1655 02 003F9
1656 02 003F9 228009C0

```

```

RBCC1  CD,R14  RBCC,R3
        BNE    RBCC2
        LW,R1  ARSO
        BNEZ   $+2
        BAL,R11 MOVECC
        STB,R3 COM
        LI,R1  BOMSK
        BAL,R4 TRT
        CI,R3  FIACOM
        BL     $+3
        LI,R9  FIABIT
        STS,R9 FLAGS
        LB,R1  RBCCVEC,R3
        B     RBCCBSE,R1
RBCC2  BDR,R3  RBCC1
        LW,R11 BCCC
        BEZ   RBNJCK
        LW,R11 FLAGS
        CW,R11 SLVXP2BT
        BAZ   RBNJCK
        CI,R11 XP2BIT
        BANZ  RBGA3
        LW,R6 BCP
        AW,R6 ARSE
RBGA1  EQU    *
        LB,R1  Q,R6
        CI,R1  EBC
        BE    RBGA2
        AI,R6  1
        LI,R1  EBCMSK
        LI,R4  RBGA1
        B     TRT
RBGA2  EQU    *
        SW,R6  BCP
        STW,R6 ARSE
RBGA3  EQU    *
        LI,R8  AIFOUT

```

UP AND PROCESSES THEM UNTIL IT  
ENCOUNTERS A JOB AT WHICH TIME IT

EXITS TO D0JOB. IF A COMMAND IS  
FOUND WHICH DOESNOT BEGIN RB AND I  
NOT JOB THE FILE IS DELETED AND  
THE OPERATOR IS TOLD. SOME RB  
BITS AND WHEN ONE OF THESE IS  
ENCOUNTERED FIABIT IS SET CAUSING T  
BITS TO BE REDETERMINED. ALL RBCCS  
ARE LISTED IN THE MESSAGE FILE.

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1657 02 003FA 3210004E 03  
 1658 02 003FB 22B005AC  
 1659 02 003FC 32E00050 03  
 1660 02 003FD 30600050 03  
 1661 02 003FE 680005A6  
 1662 02 003FF RBNJCK  
 1663 02 00400 31E01213  
 1664 02 00400 68300407  
 1665 02 00401 25E00078 A  
 1666 02 00402 31E011F7  
 1667 02 00403 69300444  
 1668 02 00404 6AB0079C BADCRD  
 1669 02 00405 22101381  
 1670 02 00406 6AB00759  
 1671 02 00407 NXTRBCC  
 1672 02 00407 324000CB 03  
 1673 02 00408 693006B2  
 1674 02 00409 224003D5  
 1675 02 0040A NXTCC  
 1676 02 0040A 3260004D 03  
 1677 02 0040B 30600050 03  
 1678 02 0040C 20600002 A  
 1679 02 0040D 721C0000 A  
 1680 02 0040E 206FFFFE A  
 1681 02 0040F 21100040 A  
 1682 02 00410 69300418  
 1683 02 00411 NXTCX  
 1684 02 00411 32F0005B 03  
 1685 02 00412 69300416  
 1686 02 00413 21400960  
 1687 02 00414 6830098B  
 1688 02 00415 68000446  
 1689 02 00416 RESET  
 1690 02 00416 6AA00BF4  
 1691 02 00417 25600002 A  
 1692 02 00418 NXTON  
 1693 02 00418 22F00421

LW,R1 ARSE  
 LI,R11 MSG1  
 LW,R14 BCP  
 AW,R6 BCP  
 B MSG01  
 EQU \*  
 CW,R14 TE0D  
 BE NXTRBCC  
 SLS,R14 \*8  
 CW,R14 BANGRB  
 BNE RB#NJ  
 BAL,R11 MOVECC  
 LI,R1 UNKN  
 BAL,R11 MOVEMES  
 EQU \*  
 LW,R4 0CCC  
 BNEZ F0H1  
 LI,R4 RB0CC1  
 EQU \*  
 LW,R6 ARS  
 AW,R6 BCP  
 AI,R6 2  
 LB,R1 0,R6  
 AI,R6 \*2  
 CI,R1 X1401  
 BNE NXTON  
 EQU \*  
 LW,R15 FLINK  
 BNEZ RESET  
 CI,R4 RSL1  
 BE PJDN  
 B LSTSECT  
 EQU \*  
 BAL,R10 RDDSK  
 SLS,R6 2  
 EQU \*  
 LI,R15 NXTN2

.....  
 PICK UP THE NEXT COMMAND FROM THE  
 DISC BLOCK. IF DONE WITH THIS BLOCK  
 READ ANOTHER. ARS IS THE RECORD BY

ASSUMED TO BE RBCCS ONLY AND IS RELI  
 IF IT IS HIT AFTER JOB PROCESSING

CONTINUES.

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```

1694      02 00419      22100000 A
1695      02 00419      22100000 A
1696      02 0041A      351000D9 03
1697      02 0041B      3510004C 03
1698      02 0041C      35100053 03
1699      02 0041D      351000C7 03
1700      02 0041E      351000CB 03
1701      02 0041F      351000EE 03
1702      02 00420      F800000F A
1703      02 00421
1704      02 00421      20600001 A
1705      02 00422      721C0000 A
1706      02 00423      3510004D 03
1707      02 00424      20600001 A
1708      02 00425      723C0000 A
1709      02 00426      21300040 A
1710      02 00427      68300411
1711      02 00428      20600001 A
1712      02 00429      723C0000 A
1713      02 0042A      30600003 A
1714      02 0042B      30100006 A
1715      02 0042C      22F00008 A
1716      02 0042D      75F20000 A
1717      02 0042E      0970008C 03
1718      02 0042F      327011F6
1719      02 00430      61600000 A
1720      02 00431      0870008C 03
1721      02 00432      206FFFF8 A
1722      02 00433
1723      02 00433      35600050 03
1724      02 00434      0940008C 03
1725      02 00435      09F0008C 03
1726      02 00436      6AB005A3
1727      02 00437      08F0008C 03
1728      02 00438      0840008C 03
1729      02 00439      35C0004E 03
1730      02 0043A      726A0000 X
    
```

NXTN1

```

EQU      *
LI,R1    0
STW,R1   STATX
STW,R1   ALLX
STW,R1   CCMVD
STW,R1   MRKD
STW,R1   @CCC
STW,R1   CCTMP
B         *R15
    
```

NXTN2

```

EQU      *
AI,R6    1
LB,R1    0,R6
STW,R1   ARS
AI,R6    1
LB,R3    0,R6
CI,R3    X140'
BF       NXTCX
AI,R6    1
LB,R3    0,R6
AW,R6    R3
AW,R1    R6
LI,R15   EOC
STB,R15  0,R1
PSW,R7   TMPSTK
LW,R7    CRDPTR
MBS,R6   0
PLW,R7   TMPSTK
AI,R6    =8
    
```

IS IT ALWAYS LESS \*\*\*\*\*

GEBCR

```

EQU      *
STW,R6   BCP
PSW,R4   TMPSTK
PSW,R15  TMPSTK
BAL,R11  GEBC
PLW,R15  TMPSTK
PLW,R4   TMPSTK
STW,R12  ARSE
LB,R6    RBBISMD,R5
    
```

IS IT ALWAYS MORE \*\*\*\*\*

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1731 02 0043B 6830043F  
 1732 02 0043C 22C00002 A  
 1733 02 0043D 51CC0000 X  
 1734 02 0043E 69400440  
 1735 02 0043F 0043F  
 1736 02 0043F 221FFFFFF A  
 1737 02 00440 20100001 A  
 1738 02 00441 3510004F 03  
 1739 02 00442 32600050 03  
 1740 02 00443 F8000004 A  
 1741 02 00444 00444  
 1742 02 00444 22101397  
 1743 02 00445 6AB00759  
 1744 02 00446 224009BE  
 1745 02 00447 680006B4  
 1746  
 1747 02 00448 00448  
 1748 02 00448 3590005A 03  
 1749 02 00449 6A800C14  
 1750 02 0044A 32EE0002 A  
 1751 02 0044B 32F011F0  
 1752 02 0044C 25E00002 A  
 1753 02 0044D 61E00000 A  
 1754 02 0044E 32EE0002 A  
 1755 02 0044F 6AB00000 X  
 1756 02 00450 35B000DC 03  
 1757 02 00451 72E002AC 03  
 1758 02 00452 68300731  
 1759 02 00453 00453  
 1760 02 00453 6AF00419  
 1761 02 00454 6A4003BF  
 1762 02 00455 02000000 A  
 1763 02 00456 12E002AC 03  
 1764 02 00457 32A002AC 03  
 1765 02 00458 25A00078 A  
 1766 02 00459 31A011F7  
 1767 02 0045A 6830045D

BEZ GERCX  
 LI,R12 0CBIT  
 CW,R12 STH:FLG,R6  
 BANZ \*+2  
 EQU \$  
 LI,R1 \*1  
 AI,R1 1  
 STW,R1 ARSO  
 LW,R6 BCP  
 B \*R4  
 RB\*NU EQU \$  
 LI,R1 NJMES  
 BAL,R11 MOVEMES  
 LSTSECT LI,R4 DELJOB  
 B RBCCOUT  
 \*\*\*\*\*  
 RB\*BCM EQU \$  
 STW,R9 FLAGS  
 BAL,R8 SVIv1  
 LW,R14 2,R7  
 LW,R15 IDPTR  
 SLS,R14 2  
 MBS,R14 0  
 LW,R14 2,R7  
 BAL,R11 RMB  
 STW,R11 SVZ  
 LB,R14 ID  
 BEZ XP2CBM  
 EQU \$  
 BCM1 BAL,R15 NXTN1  
 BAL,R4 SETHDR  
 NOP  
 LD,R14 ID  
 LW,R10 ID  
 SLS,R10 \*8  
 CW,R10 BANGRB  
 BE \*+3

```

1768 02 0045B 25E00168 A
1769 02 0045C 49E011F8
1770 02 0045D 224009C0
1771 02 0045E 354000CB 03
1772 02 0045F 22600AB0 03
1773 02 00460 6A400433
1774 02 00461 3210004E 03
1775 02 00462 3510004D 03
1776 02 00463 680003D6
1777
1778      02 00464
1779      02 00464
1780 02 00464 31901495
1781 02 00465 68400404
1782 02 00466 72D61232
1783 02 00467 6AB00877
1784 02 00468 68000407
1785      02 00469
1786 02 00469 70260000 X
1787 02 0046A 68480000 A
1788      02 0046B
1789 02 0046B 75D60000 X
1790 02 0046C 31901490
1791 02 0046D 68480001 A
1792 02 0046E 72A60000 X
1793 02 0046F 69380001 A
1794 02 00470 09B0008C 03
1795 02 00471 6AB00000 X
1796 02 00472 08B0008C 03
1797 02 00473 68080001 A
1798
1799      02 00474
1800 02 00474 6AB00876
1801 02 00475 68000407
1802      02 00476
1803 02 00476 6D000037 A
1804 02 00477 52A60000 X
    
```

```

SLD,R14  *24
BR,R14  YBANGRB
LI,R4   AIFBUT
STW,R4  0CCC
LI,R6   BA(ID)
BAL,R4  GEBCR
LW,R1   ARSE
STW,R1  ARS
B       RB,CC2

*****
RBCCBSE EQU $ BASE OF RBCC VECTORS
RBSSS EQU $
CW,R9   HASSSSBT
BAZ     BADCRD
LB,R13  SSIGS,R3
BAL,R11 PRODCD
B       NXTRBCC
SSS EQU $
LC      SSIG,R3
BCR,4   0,R4
SSS1 EQU $
STB,R13 SSIG,R3
CW,R9   HASPBIT
BAZ     1,R4
LB,R10  SSTAT,R3
BNEZ    1,R4
PSW,R11 TMPSTK
BAL,R11 SAQNSERT
PLW,R11 TMPSTK
B       1,R4

*****
RBLCK EQU $
BAL,R11 PRODCDA
B       NXTRBCC
LCK EQU $
WD,0    X'371
LW,R10  STM,FLG,R3
    
```

W01 15140 SEP 08, 175  
 1805 02 00478 49A0149E  
 1806 02 00479 55A60000 X  
 1807 02 0047A 6D000027 A  
 1808 02 0047B 68080001 A  
 1809  
 1810 02 0047C  
 1811 02 0047C 6AB00876  
 1812 02 0047D 68000407  
 1813 02 0047E  
 1814 02 0047E 6D000037 A  
 1815 02 0047F 52A60000 X  
 1816 02 00480 49A014A2  
 1817 02 00481 4BA014A0  
 1818 02 00482 68000479  
 1819  
 1820 02 00483  
 1821 02 00483 31901491  
 1822 02 00484 69400404  
 1823 02 00485 6AB00876  
 1824 02 00486 68000407  
 1825 02 00487  
 1826 02 00487 70260000 X  
 1827 02 00488 6840048D  
 1828 02 00489 72A60000 X  
 1829 02 0048A 69380000 A  
 1830 02 0048B 22D000C1 A  
 1831 02 0048C 6800046B  
 1832 02 0048D  
 1833 02 0048D 22A00001 A  
 1834 02 0048E 51A60000 X  
 1835 02 0048F 69480000 A  
 1836 02 00490 6D000037 A  
 1837 02 00491 52A60000 X  
 1838 02 00492 49A0149F  
 1839 02 00493 68000481  
 1840  
 1841 02 00494

```

    BR,R10      XLOCBT
    SEB4P1      STH,R10    STH,FLG,R3
    EB4P1       WD,0      X'27'
                B        1,R4
    *****
    RBUNLOCK   EQU        $
                BAL,R11   PR0DCDA
                B        NXTRBCC
    UNLOCK     EQU        $
                WD,0      X'37'
                LH,R10    STH,FLG,R3
                BR,R10    XSTPBIT
    UL1        AND,R10    NLOCBT
                B        SEB4P1
    *****
    RBALGN     EQU        $
                CW,R9     2780BIT
                BANZ      BADCRD
                BAL,R11   PR0DCDA
                B        NXTRBCC
    RALGN      EQU        $
                LC        SSIG,R3
                BCR,4     RALGU
                LB,R10    SSTAT,R3
                BNEZ      0,R4
                LI,R13    'A'
                B        SSS1
    RALGU      EQU        $
                LI,R10    INBIT
                CH,R10    STH,FLG,R3
                BANZ      0,R4
                WD,0      X'37'
                LH,R10    STH,FLG,R3
                BR,R10    XALGBT
                B        UL1
    *****
    RBF0RM    EQU        $
  
```



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1842 02 00494 21900080 A  
 1843 02 00495 69400404  
 1844 02 00496 6A800876  
 1845 02 00497 68000407  
 1846 02 00498  
 1847 02 00498 0930008C 03  
 1848 02 00499 6A8008A9  
 1849 02 0049A 321000C7 03  
 1850 02 0049B 693004AC  
 1851 02 0049C 70200006 A  
 1852 02 0049D 698004AA  
 1853 02 0049E 221000E0 A  
 1854 02 0049F 6A400852  
 1855 02 004A0 21100004 A  
 1856 02 004A1 692004AC  
 1857 02 004A2 6A400848  
 1858 02 004A3 32C0024E 03  
 1859 02 004A4  
 1860 02 004A4 0830008C 03  
 1861 02 004A5 22D00000 A  
 1862 02 004A6 22E00000 A  
 1863 02 004A7 6A400F91  
 1864 02 004A8 680004AD  
 1865 02 004A9 68000407  
 1866 02 004AA  
 1867 02 004AA 22C00000 A  
 1868 02 004AB 680004A4  
 1869 02 004AC  
 1870 02 004AC 0830008C 03  
 1871 02 004AD  
 1872 02 004AD 6A80079C  
 1873 02 004AE 221013A0  
 1874 02 004AF 22B00407  
 1875 02 004B0 68000759  
 1876  
 1877 02 004B1  
 1878 02 004B1 31901490

CI,R9 XP2BIT  
 BANZ BADCRD  
 BAL,R11 PR0DCDA  
 B NXTRBCC  
 EQU \*  
 PSW,R3 TMPSTK  
 BAL,R8 COMRET  
 LW,R1 MRKD  
 BNEZ RFRMX  
 LC R6  
 BCS,E0C RNFM  
 LI,R1 COBLMSK  
 BAL,R4 TRT  
 CI,R1 4  
 BG RFRMX  
 BAL,R4 GETFLD  
 LW,R12 FLD  
 EQU \*  
 PLW,R3 TMPSTK  
 LI,R13 0  
 LI,R14 0  
 BAL,R4 FORMS  
 B RFRMB  
 B NXTRBCC  
 EQU \*  
 LI,R12 0  
 B RFRM1  
 EQU \*  
 PLW,R3 TMPSTK  
 EQU \*  
 BAL,R11 M0VECC  
 LI,R1 BKFM  
 LI,R11 NXTRBCC  
 B MOVEMES  
 \*\*\*\*\*  
 RBSUSP EQU \*  
 CW,R9 HASPBIT

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1879 02 004B2 68400404  
 1880 02 004B3 6AB00877  
 1881 02 004B4 68000407  
 1882 02 004B5  
 1883 02 004B5 70260000 X  
 1884 02 004B6 68480000 A  
 1885 02 004B7 22A000E2 A  
 1886 02 004B8 75A60000 X  
 1887 02 004B9 68080001 A  
 1888  
 1889 02 004BA  
 1890 02 004BA 31901490  
 1891 02 004BB 68400404  
 1892 02 004BC 6AB00876  
 1893 02 004BD 68000407  
 1894 02 004BE 22800407  
 1895 02 004BF 52C60000 X  
 1896 02 004C0 21C00002 A  
 1897 02 004C1 694004C4  
 1898 02 004C2 21C00009 A  
 1899 02 004C3 69400004 A  
 1900 02 004C4 6A40070F  
 1901 02 004C5 753A0000 X  
 1902 02 004C6 32A0004E 03  
 1903 02 004C7 21C00002 A  
 1904 02 004C8 694004CB  
 1905 02 004C9 22A00000 A  
 1906 02 004CA 6A4003BF  
 1907 02 004CB 46A0004F 03  
 1908 02 004CC 69300407  
 1909 02 004CD 6AB0079C  
 1910 02 004CE 68000407  
 1911  
 1912 02 004CF  
 1913 02 004CF 22F02000 A  
 1914 02 004D0  
 1915 02 004D0 47F0005A 03

SUS  
 BAZ BADCRD  
 BAL,R11 PRODCD  
 B NXTRBCC  
 EQU \$  
 LC SSIG,R3  
 BCR,R4 O,R4  
 LI,R10 IS!  
 STB,R10 SSIG,R3  
 B 1,R4  
 \*\*\*\*\*  
 RBCTL EQU \$  
 CW,R9 HASPBIT  
 BAZ BADCRD  
 BAL,R11 PRODCDA  
 B NXTRBCC  
 LI,R8 NXTRBCC  
 LH,R12 STHIFLG,R3  
 CI,R12 OCBIT  
 BANZ \$+3  
 CI,R12 INBIT,SRCB2BT  
 BANZ \*R4  
 BAL,R4 FINWRT  
 STB,R3 RBBISMD,R5  
 LW,R10 ARSE  
 CI,R12 OCBIT  
 BANZ \$+3  
 LI,R10 O  
 BAL,R4 SETHDR  
 XW,R10 ARSB  
 BNEZ NXTRBCC  
 BAL,R11 MOVECC  
 B NXTRBCC  
 \*\*\*\*\*!  
 RBDISC EQU \$ PROCESS RBDISC BY SETTING L0FBIT  
 LI,R15 L0FBIT IN THE FLAGS.  
 RBDISC1 EQU \$  
 STS,R15 FLAGS

PROCESS RBDISC BY SETTING L0FBIT IN THE FLAGS.

```

1916 02 004D1 68000407
1917
1918 02 004D2
1919 02 004D2 22800407
1920 02 004D3 6800059E
1921
1922 02 004D4
1923 02 004D4 6AB00861
1924 02 004D5 680004DA
1925 02 004D6
1926 02 004D6 32E00000 X
1927 02 004D7 32F00000 X
1928 02 004D8 47E40000 X
1929 02 004D9 68000004 A
1930 02 004DA
1931 02 004DA 22E00800 A
1932 02 004DB 3300004C 03
1933 02 004DC 68300407
1934 02 004DD 22F00800 A
1935 02 004DE 47E0005A 03
1936 02 004DF 68000407
1937
1938 02 004E0
1939 02 004E0 6AB00861
1940 02 004E1 680004E4
1941 02 004E2
1942 02 004E2 22E00000 A
1943 02 004E3 680004D7
1944 02 004E4
1945 02 004E4 22E00000 A
1946 02 004E5 680004DB
1947
1948 02 004E6
1949 02 004E6 221000C1 A
1950 02 004E7 6A400852
1951 02 004E8 69E00404
1952 02 004E9 221000F4 A
    
```

```

B NXTRBCC
*****
RBMSG EQU $
LI,R8 NXTRBCC
B MSG
*****
RBHOLD EQU $
BAL,R11 PROCB PROCESS RBHOLD. FOR EACH OR ALL
B CHKHLD SYSIDS SET HOLDBIT IN BWISDA.
IF ALL WAS SPECIFIED SET HALBIT
IN RBIFLAG
HLD EQU $
LW,R14 XHOLDBIT
HLD1 LW,R15 XHOLDBIT
STS,R14 BWISDA,R2
B *R4
CHKHLD EQU $
LI,R14 HALBIT
MTW,0 ALLX
BFZ NXTRBCC
LI,R15 HALBIT
STS,R14 FLAGS
B NXTRBCC
*****
RBRET EQU $
BAL,R11 PROCB PROCESS RBRET FOR EACH OR ALL
B CHKREL SYSIDS RESET HOLDBIT. IF ALL
WAS SPECIFIED RESET HALBIT
REL EQU $
LI,R14 0
B HLD1
CHKREL EQU $
LI,R14 0
B CHKHLD+1
*****
RBPRI0 EQU $
LI,R1 NBMSK
BAL,R4 TRT
BCS,CEB BADCRD
LI,R1 NXMSK
    
```

1953 02 004EA 6A400852  
 1954 02 004EB 68E00404  
 1955 02 004EC 21100001 A  
 1956 02 004ED 69200404  
 1957 02 004EE 22300010 A  
 1958 02 004EF 6A4007CE  
 1959 02 004FO 35C000EE 03  
 1960 02 004F1 6A8008A9  
 1961 02 004F2 6AB00861  
 1962 02 004F3 68000407  
 1963 02 004F4 32E000EE 03  
 1964 02 004F5 21100010 A  
 1965 02 004F6 683004FA  
 1966 02 004F7 69200E98  
 1967 02 004F8 71EA0000 X  
 1968 02 004F9 68200E98  
 1969 02 004FA  
 1970 02 004FA 32E0004C 03  
 1971 02 004FB 683007EF  
 1972 02 004FC 68000004 A  
 1973  
 1974 02 004FD  
 1975 02 004FD 22100000 A  
 1976 02 004FE 0910008C 03  
 1977 02 004FF 6AB00861  
 1978 02 00500 68000506  
 1979 02 00501  
 1980 02 00501 3300004C 03  
 1981 02 00502 693005BF  
 1982 02 00503 75100002 A  
 1983 02 00504 0920008C 03  
 1984 02 00505 68000004 A  
 1985 02 00506  
 1986 02 00506 22800407  
 1987 02 00507 22400508  
 1988 02 00508 0820008C 03  
 1989 02 00509 72100002 A

BAL,R4 TRT  
 BCR,CEB BADCRD  
 CI,R1 1  
 BG BADCRD  
 LI,R3 16  
 BAL,R4 CVTSID  
 STW,R12 CCTMP  
 BAL,R8 COMRET  
 BAL,R11 PROCD  
 B NXTRBCC  
 LW,R14 CCTMP  
 CI,R1 RUNPRI  
 BE BADSIDP  
 BG PRI0CG  
 CR,R14 RBB:MXP,R5  
 BLE PRI0CG  
 EQU \$  
 LW,R14 ALLX  
 BEZ BADSID1  
 B \*R4  
 \*\*\*\*\*  
 RBSTAT EQU \$  
 LI,R1 0  
 PSW,R1 TMPSTK  
 BAL,R11 PROCD  
 B DBSTAT  
 STAT1 EQU \$  
 MTW,0 ALLX  
 BNEZ STAT  
 STB,R1 R2  
 PSW,R2 TMPSTK  
 B \*R4  
 DBSTAT EQU \$  
 LI,R8 NXTRBCC  
 LI,R4 \$+1  
 PLW,R2 TMPSTK  
 LB,R1 R2

PROCESS RBSTATUS IF INDIVIDUAL  
 SYSIDS, PUSH THEM N THE STAK  
 PRECEDED BY STAK MARK OF ZERO  
 IF ALL WAS SPECIFIED PROCESS EACH  
 SYSID AS IT IS ENCOUNTERED. (THE  
 PUSHING IS TO ALLOW FOR ERROR  
 MESSAGES WELL INTO THE CARD. WHEN  
 THE COMMAND IS COMPLETE CLOSE WITH  
 APPROPRIATE (IF ANY) MESSAGE.  
 -----  
 WHEN ALL THE SYSIDS HAVE BEEN OBTAIN  
 EACH ONE OUT OF THE STAK AND PUT TH  
 APPROPRIATE MESSAGE IN THE MESSAGE I

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1990 02 0050A 20200000 A  
 1991 02 0050B 693005BF  
 1992 02 0050C  
 1993 02 0050C 22101356  
 1994 02 0050D 330000D9 03  
 1995 02 0050E 69300512  
 1996 02 0050F 3300004C 03  
 1997 02 00510 F8300008 A  
 1998 02 00511 20100058 A  
 1999 02 00512 6AB00759  
 2000 02 00513 F8000008 A  
 2001  
 2002 02 00514 6800062C  
 2003  
 2004 02 00515  
 2005 02 00515 22F12000 A  
 2006 02 00516 680004D0  
 2007  
 2008 02 00517  
 2009 02 00517 22300000 N  
 2010 02 00518 71560000 X  
 2011 02 00519 6830051C  
 2012 02 0051A 64300518  
 2013 02 0051B 68000407  
 2014 02 0051C 72A60000 X  
 2015 02 0051D 6830051A  
 2016 02 0051E 52A60000 X  
 2017 02 0051F 21A00002 A  
 2018 02 00520 68400523  
 2019 02 00521 713A0000 X  
 2020 02 00522 6830052F  
 2021 02 00523 22100000 A  
 2022 02 00524 72C20000 X  
 2023 02 00525 6930052F  
 2024 02 00526 52C20000 X  
 2025 02 00527 6930052E  
 2026 02 00528 21A00010 A

CHKSTAT  
 AI,R2 0  
 BNEZ STAT  
 EQU \*  
 LI,R1 ASTER  
 MTW,0 STATX  
 BNEZ \*+4  
 MTW,0 ALLX  
 BEZ \*R8  
 AI,R1 NOSTAT=ASTER  
 BAL,R11 MOVEMES  
 B \*R8

\*\*\*\*\*  
 RBSWT B RBSWITCH RBSWITCH WAS TOO FAR FROM RBCCBSE  
 \*\*\*\*\*

RBXXX EQU \$  
 LI,R15 RBXBIT+LOFBIT  
 B RBDISC1

\*\*\*\*\*

RBDEV EQU \$  
 LI,R3 MXSTRM  
 CB,R5 SNDDX,R3  
 BE \*+3  
 RBDEV1 BDR,R3 \*-2  
 B NXTRBCC  
 LB,R10 STBITYP,R3  
 BEZ RBDEV1  
 LH,R10 STMIFLG,R3  
 CI,R10 0CBIT  
 BAZ \*+3  
 CB,R3 RBBISMD,R5  
 BE RBDEV2  
 LI,R1 0  
 LB,R12 SSTAT,R1  
 BNEZ RBDEV2  
 LH,R12 SCNTXT,R1  
 BNEZ RBDEV15+1  
 CI,R10 LOCBIT

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2027 02 00529 6940052D  
 2028 02 0052A 21A00400 A  
 2029 02 0052B 6940052F  
 2030 02 0052C 20100001 A  
 2031 02 0052D 20100001 A  
 2032 02 0052E 20100001 A  
 2033 02 0052F 52C60000 X  
 2034 02 00530 55C00198 03  
 2035 02 00531 12C2018E 03  
 2036 02 00532 35C00199 03  
 2037 02 00533 35D0019A 03  
 2038 02 00534 22400013 A  
 2039 02 00535 32C60000 X  
 2040 02 00536 68300539  
 2041 02 00537 35C0019D 03  
 2042 02 00538 2240001F A  
 2043 02 00539 75400196 03  
 2044 02 0053A 22100196 03  
 2045 02 0053B 22B0051A  
 2046 02 0053C 68000759  
 2047  
 2048  
 2049 02 0053D 68000611  
 2050  
 2051 02 0053E 6AB00861  
 2052 02 0053F 68000407  
 2053 02 00540 21100010 A  
 2054 02 00541 68300547  
 2055 02 00542 69200545  
 2056 02 00543 33F00000 X  
 2057 02 00544 6A8009D1  
 2058 02 00545 22E00023 A  
 2059 02 00546 68000555

BANZ RBDEV15  
 CI,R10 STPBIT  
 BANZ RBDEV2  
 AI,R1 1  
 RBDEV15 AI,R1 1  
 AI,R1 1  
 RBDEV2 EQU \$  
 LW,R12 STHINM,R3  
 STH,R12 DDVM1  
 LD,R12 DDVMXS,R1  
 STW,R12 DDVM2  
 STW,R13 DDVM2+1  
 LI,R4 DDVMS7  
 LW,R12 STW:FORM,R3  
 BFZ \$+3  
 STW,R12 DDVM3  
 LI,R4 DDVMSZF  
 STB,R4 DDVM  
 LI,R1 DDVM  
 LI,R11 RBDEV1  
 B MOVEMES

\*\*\*\*\*

RBINF0 B RBINF NO ROOM HERE

\*\*\*\*\*

RBDEL EQU \$ PROCESS RBDELETE FOR EACH  
 BAL,R11 PR0CD OR ALL SYSIDS DO THE FOLLOWING  
 B NXTRBCC IF INPUT = DELETE THE FILE  
 DEL EQU \$ IF OUTPUT = DELETE THE FILE  
 CI,R1 RUNPRI AND DELETE THE RUNNING ENTRY SO  
 BE DEL3 THAT A0F WILL RELEASE THE OUTPUT  
 BG DEL2

DEL1 EQU \$  
 MTW,-1 SIBFIS  
 BAL,R8 ABR5#  
 DEL2 EQU \$  
 LI,R14 DELPRI  
 B CHNGRSET

```

2064      02 00547
2065 02 00547 32F00000 X
2066 02 00548 47F40000 X
2067 02 00549 022000D0 A
2068 02 0054A 0BB0008C 03
2069 02 0054B 3260000C A
2070 02 0054C 6AB00C0B
2071 02 0054D 6A700000 X
2072 02 0054E 68000551
2073 02 0054F 22600000 N
2074 02 00550 6AB00000 X
2075      02 00551
2076 02 00551 022000D0 A
2077 02 00552 0AB0008C 03
2078 02 00553 354000DC 03
2079 02 00554 F8000004 A
2080      02 00555
2081 02 00555 6A8001D9
2082 02 00556 20F00000 A
2083 02 00557 6810055B
2084 02 00558 20E00001 A
2085 02 00559 353000D0 03
2086 02 0055A 55300000 X
2087 02 0055B 3210000E A
2088 02 0055C 322000D0 03
2089 02 0055D F8000004 A
2090
2091      02 0055E
2092 02 0055E 31901490
2093 02 0055F 69400404
2094 02 00560 22B00000 A
2095 02 00561 22401413
2096 02 00562 22101417
2097 02 00563 22A00407
2098      02 00564
2099 02 00564 35B0005F 03
2100 02 00565 354000CC 03
    
```

```

DEL3 EQU $
      LW,R15 DELBIT
      STS,R15 BWISDA,R2
      LCI 13
      PSM,R11 TMPSTK
      LW,R6 R12
      BAL,R11 SVIV
      BAL,R7 GETUSER#
      B DEL5
      LI,R6 E:ABRT
      BAL,R11 T:RUE

DEL5 EQU $
      LCI 13
      PLM,R11 TMPSTK
      STW,R4 SVZ
      B *R4

CHNGRSET EQU $
      BAL,R8 CHNG
      AI,R15 0
      BGEZ $+4
      AI,R14 1
      STW,R3 PREV
      STH,R3 BH:LINK
      LW,R1 R14
      LW,R2 PREV
      B *R4

*****
RBSZ EQU $
      CW,R9 HASPBIT
      BANZ BADCRD
      LI,R11 0
      LI,R4 SIZOPS
      LI,R1 SIZPTR
      LI,R10 NXTRBCC

PRBC0P EQU $
      STW,R11 PRBC0PX
      STW,R4 OPTLST
    
```

```

*****
CHNGRSET AND DEL6 ALLOW YOU TO
RELEASE AN ENTRY FROM AL CHAIN
WITHOUT LOSING YOUR PLACE.
    
```

```

*****
PROCESS RBSIZE SET POINTERS AND
    
```

```

GO TO PRBC0P
    
```

```

*****
PROCESS CARDS WITH OPTIONS.
    
```

H01 15140 SEP 08, 175

2101 02 00566 351000CD 03  
 2102 02 00567 221000A0 A  
 2103 02 00568 6A400852  
 2104 02 00569 221000C1 A  
 2105 02 0056A 6A400852  
 2106 02 0056B 6840056D  
 2107 02 0056C 6A8008AC  
 2108 02 0056D 69800597  
 2109 02 0056E 0056E  
 2110 02 0056E 221000E0 A  
 2111 02 0056F 6A400852  
 2112 02 00570 6A400848  
 2113 02 00571 2280056D  
 2114 02 00572 B24000CC 03  
 2115 02 00573 32E0024E 03  
 2116 02 00574 B1E800CC 03  
 2117 02 00575 6830057D  
 2118 02 00576 64400574  
 2119 02 00577 32B0005F 03  
 2120 02 00578 E930000B A  
 2121 02 00579 00579  
 2122 02 00579 2200005B A  
 2123 02 0057A 2510007F A  
 2124 02 0057B 38600001 A  
 2125 02 0057C 680007E9  
 2126 02 0057D 0057D  
 2127 02 0057D B2B800CD 03  
 2128 02 0057E 68300592  
 2129 02 0057F F920000B A  
 2130 02 00580 6A8008A9  
 2131 02 00581 69C0058F  
 2132 02 00582 2280056D  
 2133 02 00583 221000F2 A  
 2134 02 00584 6A400852  
 2135 02 00585 68E0058F  
 2136 02 00586 2230000A A  
 2137 02 00587 6A4007CE

PR0C0P1

BAD0P

D00P

STW,R1 OPTBL  
 LI,R1 B0MSK  
 BAL,R4 TRT  
 LI,R1 NBMSK  
 BAL,R4 TRT  
 BCR,C0MA \$+2  
 BAL,R8 COMRET2  
 BCS,E0C CHKCONT  
 EQU \$  
 LI,R1 COBLMSK  
 BAL,R4 TRT  
 BAL,R4 GETFLD  
 LI,R8 PR0C0P1=1  
 LW,R4 \*OPTLST  
 LW,R14 FLD  
 CW,R14 \*OPTLST,R4  
 BE D00P  
 BDR,R4 \$=2  
 LW,R11 PR0C0PX  
 BNEZ \*R11  
 EQU \$  
 LI,R0 '1'  
 SLS,R1 =1  
 SW,R6 R1  
 B BADSID3  
 EQU \$  
 LW,R11 \*OPTBL,R4  
 BEZ SKIP  
 BGZ \*R11  
 BAL,R8 COMRET  
 BCS,C0ME BADVAL  
 LI,R8 PR0C0P1=1  
 LI,R1 NDMSK  
 BAL,R4 TRT  
 BCR,CEB BADVAL  
 LI,R3 10  
 BAL,R4 CVTSID

R4=ADDR OF LIST OF TEXT OPTIONS THAT ARE LEGAL - ENTRY ZERO IS A COUNT.  
 R1=ADDR OF TABLE OF ADDRS OF PROCESSING ROUTINES PARALLEL TO THE OPTION TABLE  
 COMMA AND EQUALS DELIMIT FIELDS PARENTHESES ARE IGNORED.  
 AN OPTION IS OBTAINED AND LOOKED UP IN THE OPTION TABLE  
 THE INDEX IS USED TH FIND AN ENTRY IN THE POINTER TABLE. IF IT IS ZERO THE OPTION AND THE NEXT FIELD (A VAL ARE SKIPPED. IF IT IS POSITIVE THE PROCESSING ROUTINE IS ENTERED. IF I NEGATIVE THE NEXT FIELD IS OBTAINED CONVERTED TO BINARY AND PASSED IN R TO THE PROCESSING ROUTINE. BAD OPT

AND THE NEXT FIELD IS CONSIDERED TO BE AN OPTION. BAD VALUES ARE ALSO FLAGGED. THE PROCESSING ROUTINE MAY EXIT TO COMRET (R8 IS SET) NORMALLY OR TO BADVAL OR TBGVAL IF THE VALUE IS UNSATISFACTORY



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2138 02 00588 22D000FF A  
 2139 02 00589 3AB0000B A  
 2140 02 0058A 20C00000 A  
 2141 02 0058B F800000B A  
 2142 02 0058C TBGVAL EQU \$  
 2143 02 0058C 206FFFFFF A  
 2144 02 0058D 22000050 A  
 2145 02 0058E 680000590  
 2146 02 0058F BADVAL EQU \$  
 2147 02 0058F 2200005C A  
 2148 02 00590 2280056D  
 2149 02 00591 680007E9  
 2150 02 00592 SKIP EQU \$  
 2151 02 00592 6A8008A9  
 2152 02 00593 221000E0 A  
 2153 02 00594 6A400852  
 2154 02 00595 2280056D  
 2155 02 00596 680008A9  
 2156 02 00597 CHKCBNT EQU \$  
 2157 02 00597 21A0095C  
 2158 02 00598 E930000A A  
 2159 02 00599 721C0000 A  
 2160 02 0059A 2110005E A  
 2161 02 0059B E930000A A  
 2162 02 0059C 33100052 03  
 2163 02 0059D E800000A A  
 2164  
 2165 02 0059E MSG EQU \$  
 2166 02 0059E 221000C1 A  
 2167 02 0059F 6A400852  
 2168 02 005A0 E9800008 A  
 2169 02 005A1 32E00006 A  
 2170 02 005A2 22B005AC  
 2171 02 005A3 GE0C EQU \$  
 2172 02 005A3 22100080 A  
 2173 02 005A4 6A400852  
 2174 02 005A5 32C00001 A

LI,R13 X'FFF'  
 LCW,R11 R11  
 AI,R12 0  
 B \*R11  
 EQU \$  
 AI,R6 =1  
 LI,R0 '8'  
 B \$+2  
 EQU \$  
 LI,R0 '1'  
 LI,R8 PROCBP1=1  
 B BADSID3  
 EQU \$  
 BAL,R8 COMRET  
 LI,R1 COBLMSK  
 BAL,R4 TRT  
 LI,R8 PROCBP1=1  
 B COMRET  
 EQU \$  
 CI,R10 RESLIM+2  
 BNE \*R10  
 LB,R1 0,R6  
 CI,R1 '1'  
 BNE \*R10  
 MTW,1 CONT  
 B \*R10

\*\*\*\*\*  
 MSG EQU \$ STARTING AT THE CURRENT POSITION  
 LI,R1 NBMSK OUTPUT THE CONTENTS OF THE CARD  
 BAL,R4 TRT BLANK STRIPPED ON THE 0C.  
 BCS,E0C \*R8  
 LW,R14 R6  
 LI,R11 MSG1

GE0C EQU \$  
 LI,R1 E0CMSK  
 BAL,R4 TRT  
 LW,R12 R1

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2175 02 005A6  
 2176 02 005A6 22F00040 A  
 2177 02 005A7 206FFFFFF A  
 2178 02 005A8 71FC0000 A  
 2179 02 005A9 693005AB  
 2180 02 005AA 641005A7  
 2181 02 005AB 6800000B A  
 2182 02 005AC  
 2183 02 005AC 21100034 A  
 2184 02 005AD 682005B8  
 2185 02 005AE 3240000E A  
 2186 02 005AF 20400034 A  
 2187 02 005B0 22200014 A  
 2188 02 005B1 71F80000 A  
 2189 02 005B2 683005B6  
 2190 02 005B3 204FFFFFF A  
 2191 02 005B4 642005B1  
 2192 02 005B5 680005B8  
 2193 02 005B6 22F00015 A  
 2194 02 005B7 75F80000 A  
 2195 02 005B8  
 2196 02 005B8 22F003E4 03  
 2197 02 005B9 7510000F A  
 2198 02 005BA 20100013 A  
 2199 02 005BB 751000F4 03  
 2200 02 005BC 61E00000 A  
 2201 02 005BD 224000F4 03  
 2202 02 005BE 68000B62  
 2203  
 2204  
 2205  
 2206  
 2207  
 2208  
 2209  
 2210  
 2211

MSG01

EQU \$  
 LI,R15 X140'  
 AI,R6 =1  
 CB,R15 0,R6  
 BNE \$+2  
 BDR,R1 \$+3  
 B \*R11

MSG1

EQU \$  
 CI,R1 52  
 BLE MSG11  
 LW,R4 R14  
 AI,R4 52  
 LI,R2 20  
 CB,R15 0,R4  
 BE \$+4  
 AI,R4 =1  
 BDR,R2 \$+3  
 B MSG11  
 LI,R15 X115'  
 STB,R15 0,R4

MSG11

EQU \$  
 LI,R15 BA(RBMS1)  
 STB,R1 R15  
 AI,R1 RBMSZ  
 STB,R1 RBMS  
 MBS,R14 0  
 LI,R4 RBMS  
 B TEL#OPR

\*  
 \*  
 \*8\*  
 \*8\*  
 \*8\*  
 \*8\*  
 \*8\*  
 \*8\*  
 \*8\*  
 \*8\*

MESSAGE: \*RBND D • WSN \*MSG\* MESSAGE  
 MEANING: THE MESSAGE WAS SENT FROM WORKSTATION WSN CONNECTED TO RBND D.  
 ACTION: DEPENDS ON MESSAGE CONTENT • USE THE RBSEND KEY IN TO REPLY IF REQUIRED

```

2212
2213
2214
2215
2216      02 005BF
2217      02 005BF 09B0008C 03
2218      02 005C0 0910008C 03
2219      02 005C1 32D00001 A
2220      02 005C2 330000D9 03
2221      02 005C3 693005C7
2222      02 005C4 221013A6
2223      02 005C5 6AB00759
2224      02 005C6 331000D9 03
2225      02 005C7
2226      02 005C7 22300000 A
2227      02 005C8 21D00010 A
2228      02 005C9 692005CE
2229      02 005CA 683005CC
2230      02 005CB 20300001 A
2231      02 005CC 20300002 A
2232      02 005CD 680005D1
2233      02 005CE
2234      02 005CE 32F40000 X
2235      02 005CF 683005D1
2236      02 005D0 20300001 A
2237      02 005D1
2238      02 005D1 32F40000 X
2239      02 005D2 31F00000 X
2240      02 005D3 684005D5
2241      02 005D4 20300004 A
2242      02 005D5 32161402
2243      02 005D6 681005DB
2244      02 005D7 6AB005F4
2245      02 005D8 6AB008DF
2246      02 005D9 3A161402
2247      02 005DA 35D20005 A
2248      02 005DB
    
```

\*0\*

\*  
\*

\*\*\*\*\*1

```

STAT EQU $
      PSW,R11 TMPSTK
      PSW,R1  TMPSTK
      LW,R13  R1
      MTW,0   STATX
      BNEZ    ST1
      LI,R1   STATMES
      BAL,R11 MOVEMES
      MTW,1   STATX
ST1 EQU $
      LI,R3  0
      CI,R13 RUNPRI
      BG     ST2
      BE    $+2
      AI,R3  1
      AI,R3  2
      B     ST3
ST2 EQU $
      LW,R15 BWIFORM,R2
      BEZ    ST3
      AI,R3  1
ST3 EQU $
      LW,R15 BWISDA,R2
      CW,R15 XHOLDBIT
      BAZ    $+2
      AI,R3  4
      LW,R1  MSVEC,R3
      BGEZ   ST7
      BAL,R11 ST4
      BAL,R11 DEC
      LCW,R1  MSVEC,R3
      STW,R13 NTR,R1
ST7 EQU $
    
```

DETERMINE THE STATUS OF A FILE  
 DEPENDING ON THE PRIORITY AND  
 HOLDFLAG OF A FILE A MESSAGE IS  
 PLACED IN THE MESSAGE FILE. IF  
 THE FILE IS INPUT THE NUMBER AHEAD  
 IN INCLUDED IN THE MESSAGE

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|      |    |       |          |    |
|------|----|-------|----------|----|
| 2249 | 02 | 005DB | 21300002 | A  |
| 2250 | 02 | 005DC | 694005ED |    |
| 2251 | 02 | 005DD | 32F40000 | X  |
| 2252 | 02 | 005DE | 683005E0 |    |
| 2253 | 02 | 005DF | 35F2000D | A  |
| 2254 | 02 | 005EO | 6AB00600 |    |
| 2255 | 02 | 005E1 | 22D06F6F | A  |
| 2256 | 02 | 005E2 | 22300009 | A  |
| 2257 | 02 | 005E3 | 05D60001 | A  |
| 2258 | 02 | 005E4 | 32D01283 |    |
| 2259 | 02 | 005E5 | 52F40000 | X  |
| 2260 | 02 | 005E6 | 21F0270F | A  |
| 2261 | 02 | 005E7 | 692005E9 |    |
| 2262 | 02 | 005E8 | 6AB008DF |    |
| 2263 | 02 | 005E9 | 35D20007 | A  |
| 2264 | 02 | 005EA | 72F40000 | X  |
| 2265 | 02 | 005EB | 6AB008DF |    |
| 2266 | 02 | 005EC | 35D2000A | A  |
| 2267 | 02 | 005ED |          |    |
| 2268 | 02 | 005ED | 52F40000 | X  |
| 2269 | 02 | 005EE | 6AB008E1 |    |
| 2270 | 02 | 005EF | 35D20002 | A  |
| 2271 | 02 | 005F0 | 6AB00759 |    |
| 2272 | 02 | 005F1 | 0810008C | 03 |
| 2273 | 02 | 005F2 | 08B0008C | 03 |
| 2274 | 02 | 005F3 | F8000004 | A  |
| 2275 | 02 | 005F4 |          |    |
| 2276 | 02 | 005F4 | 0900008C | 03 |
| 2277 | 02 | 005F5 | 22F00000 | A  |
| 2278 | 02 | 005F6 | 32D00002 | A  |
| 2279 | 02 | 005F7 | 2210000F | A  |
| 2280 | 02 | 005F8 | 6A0002B6 |    |
| 2281 | 02 | 005F9 | 680005FE |    |
| 2282 | 02 | 005FA | 31000002 | A  |
| 2283 | 02 | 005FB | 683005FE |    |
| 2284 | 02 | 005FC | 20F00001 | A  |
| 2285 | 02 | 005FD | 680002B9 |    |

ST8

ST4

|         |            |
|---------|------------|
| CI,R3   | 2          |
| BANZ    | ST8        |
| LW,R15  | BW,FORM,R2 |
| BEZ     | *+2        |
| STW,R15 | FRMX,R1    |
| BAL,R11 | GTDVNM     |
| LI,R13  | ! !        |
| LI,R3   | SDVX       |
| STH,R13 | *R1,R3     |
| LW,R13  | 120ASTER+1 |
| LW,R15  | BHIGRAN,R2 |
| CI,R15  | 9999       |
| B8      | *+2        |
| BAL,R11 | DEC        |
| STW,R13 | SGRNX,R1   |
| LB,R15  | BBICOPY,R2 |
| BAL,R11 | DEC        |
| STW,R13 | SCRX,R1    |
| EQU     | *          |
| LW,R15  | BHISID,R2  |
| BAL,R11 | HEXC       |
| STW,R13 | SYSD,R1    |
| BAL,R11 | MOVEMES    |
| PLW,R1  | TMPSTK     |
| PLW,R11 | TMPSTK     |
| B       | *R4        |
| EQU     | *          |
| PSW,R0  | TMPSTK     |
| LI,R15  | 0          |
| LW,R13  | R2         |
| LI,R1   | FIPRI      |
| BAL,R0  | FIND       |
| B       | ST3        |
| CW,R13  | R2         |
| BE      | ST5        |
| AI,R15  | 1          |
| B       | FIND1      |

QUESTION MARKS

.....  
 DETERMINE THE NUMBER AHEAD FOR AN  
 INPUT FILE. FILES ARE COUNTED UNTIL  
 THE SPECIFIED (R2) FILE IS FOUND BY  
 PRIORITY.

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2286 02 005FE 0800008C 03  
 2287 02 005FF F800000B A  
 2288  
 2289 02 00600  
 2290 02 00600 22E00001 A  
 2291 02 00601  
 2292 02 00601 72FA0000 X  
 2293 02 00602 22300000 N  
 2294 02 00603 71560000 X  
 2295 02 00604 68300607  
 2296 02 00605 64300603  
 2297 02 00606 F800000B A  
 2298 02 00607 51E60000 X  
 2299 02 00608 69400605  
 2300 02 00609 72D60000 X  
 2301 02 0060A 68300605  
 2302 02 0060B 48D0000F A  
 2303 02 0060C 71D40000 X  
 2304 02 0060D 69300605  
 2305 02 0060E 52D60000 X  
 2306 02 0060F  
 2307 02 0060F 20B00001 A  
 2308 02 00610 F800000B A  
 2309  
 2310 02 00611  
 2311 02 00611 0950008C 03  
 2312 02 00612 221001A1 03  
 2313 02 00613 6AB00FE6  
 2314 02 00614 0850008C 03  
 2315 02 00615 2210019E 03  
 2316 02 00616 6AB00759  
 2317 02 00617 32F00000 X  
 2318 02 00618 6AB008DF  
 2319 02 00619 35D001A9 03  
 2320 02 0061A 221001A4 03  
 2321 02 0061B 6AB00759  
 2322 02 0061C 32F00000 X

ST5 PLW,R0 TMPSTK  
 B \*R11  
 \*\*\*\*\*  
 GTDVNM EQU \*  
 LI,R14 INBIT  
 GTDVNM1 EQU \*  
 LB,R15 RBBIDSM,R5  
 LI,R3 MXSTRM  
 CB,R5 SNDDX,R3  
 BE \*+3  
 GDNN0 BDR,R3 \*.2  
 B \*R11  
 CH,R14 STH,FLG,R3  
 BANZ GDNN0  
 LB,R13 STB:TYP,R3  
 BEZ GDNN0  
 AND,R13 R15  
 CB,R13 BB;DEV,R2  
 BNE GDNN0  
 LH,R13 STH:NM,R3  
 INC11B EQU \*  
 AI,R11 1  
 B \*R11  
 \*\*\*\*\*  
 RBINF EQU \*  
 PSW,R5 TMPSTK  
 LI,R1 ITMM1  
 BAL,R8 TIMIN  
 PLW,R5 TMPSTK  
 LI,R1 ITMM  
 BAL,R11 MOVEMES  
 LW,R15 SICUIS  
 BAL,R11 DEC  
 STW,R13 ICUM1  
 LI,R1 ICUM  
 BAL,R11 MOVEMES  
 LW,R15 CIETM

2323 02 0061D 6AB008DF  
 2324 02 0061E 35D001AC 03  
 2325 02 0061F 221001AA 03  
 2326 02 00620 6AB00759  
 2327 02 00621 32F00000 X  
 2328 02 00622 6AB008DF  
 2329 02 00623 35D001B3 03  
 2330 02 00624 221001AD 03  
 2331 02 00625 6AB00759  
 2332 02 00626 32F00000 X  
 2333 02 00627 6AB008DF  
 2334 02 00628 35D001BA 03  
 2335 02 00629 221001B4 03  
 2336 02 0062A 22B00407  
 2337 02 0062B 68000759  
 2338  
 2339 02 0062C 0062C  
 2340 02 0062C 22100000 A  
 2341 02 0062D 35100252 03  
 2342 02 0062E 35100253 03  
 2343 02 0062F 35100074 03  
 2344 02 00630 35100075 03  
 2345 02 00631 221000C1 A  
 2346 02 00632 6A400852  
 2347 02 00633 69C006AC  
 2348 02 00634 221000F8 A  
 2349 02 00635 6A400852  
 2350 02 00636 68E006AD  
 2351 02 00637 698006AC  
 2352 02 00638 21100008 A  
 2353 02 00639 692006AC  
 2354 02 0063A 6AA008B3  
 2355 02 0063B 680006AC  
 2356 02 0063C 6800068F  
 2357 02 0063D 0063D  
 2358 02 0063D 221000C1 A  
 2359 02 0063E 6A400852

BAL,R11 DEC  
 STW,R13 IETM1  
 LI,R1 IETM  
 BAL,R11 MOVEMES  
 LW,R15 \$IBUIS  
 BAL,R11 DEC  
 STW,R13 IBRM1  
 LI,R1 IBRM  
 BAL,R11 MOVEMES  
 LW,R15 \$IBFIS  
 BAL,R11 DEC  
 STW,R13 IBWM1  
 LI,R1 IBWM  
 LI,R11 NXTRBCC  
 B MOVEMES

\*\*\*\*\*

RBSWITCH EQU \$ PROCESS RBSWITCH COMMAND THE

LI,R1 0  
 STW,R1 REC  
 STW,R1 REC+FLG  
 STW,R1 TYP SW  
 STW,R1 SWTYP  
 LI,R1 NBMSK  
 BAL,R4 TRT  
 BCS,COME BADSW  
 LI,R1 NNMSK  
 BAL,R4 TRT  
 BCR,CEB BADSW+1  
 BCS,EBC BADSW  
 CI,R1 \$  
 BG BADSW  
 BAL,R10 PROCID  
 B BADSW  
 B SW3  
 EQU \$  
 LI,R1 NBMSK  
 BAL,R4 TRT

SW4

WSN IS OBTAINED AND CHECKED FOR VALIDITY. THEN THE DEVICE TYPE IS OBTAINED. IF THESE ARE NOT B.K. AN ERROR MESSAGE IS PUT IN THE MESSAGE FILE. IF NOT FOR EACH OR ALL SYSIDS THE RBID IS CHANGED TO THAT BELONGING TO THE SPECIFIED WORKSTATION IF THE DEVICE TYPE IS CORRECT. IF THE FILE IS SWITCHED LOCAL THE APPROPRIATE SYMBIONT IS STARTED. IF REMOTE THE HOLD BIT ANI

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|      |    |       |          |    |
|------|----|-------|----------|----|
| 2360 | 02 | 0063F | 684006AD |    |
| 2361 | 02 | 00640 | 20600001 | A  |
| 2362 | 02 | 00641 | 221000C1 | A  |
| 2363 | 02 | 00642 | 6A400852 |    |
| 2364 | 02 | 00643 | 698006AC |    |
| 2365 | 02 | 00644 | 69400657 |    |
| 2366 | 02 | 00645 | 221000F8 | A  |
| 2367 | 02 | 00646 | 6A400852 |    |
| 2368 | 02 | 00647 | 698006AC |    |
| 2369 | 02 | 00648 | 21100002 | A  |
| 2370 | 02 | 00649 | 692006AC |    |
| 2371 | 02 | 0064A | 6A400848 |    |
| 2372 | 02 | 0064B | 52D0024E | 03 |
| 2373 | 02 | 0064C | 35D00074 | 03 |
| 2374 | 02 | 0064D | 32C00074 | 03 |
| 2375 | 02 | 0064E | 6A40089E |    |
| 2376 | 02 | 0064F | 680006AC |    |
| 2377 | 02 | 00650 | 6A400694 |    |
| 2378 | 02 | 00651 | 680006AC |    |
| 2379 | 02 | 00652 | 35100075 | 03 |
| 2380 | 02 | 00653 | 221000C1 | A  |
| 2381 | 02 | 00654 | 6A400852 |    |
| 2382 | 02 | 00655 | 684006AC |    |
| 2383 | 02 | 00656 | 698006AC |    |
| 2384 | 02 | 00657 |          |    |
| 2385 | 02 | 00657 | 20600001 | A  |
| 2386 | 02 | 00658 | 32B01490 |    |
| 2387 | 02 | 00659 | 21500000 | N  |
| 2388 | 02 | 0065A | 68300661 |    |
| 2389 | 02 | 0065B | 22400000 | A  |
| 2390 | 02 | 0065C | 31BA0000 | X  |
| 2391 | 02 | 0065D | 68400661 |    |
| 2392 | 02 | 0065E | 48B00253 | 03 |
| 2393 | 02 | 0065F | 69300664 |    |
| 2394 | 02 | 00660 | 68000663 |    |
| 2395 | 02 | 00661 |          |    |
| 2396 | 02 | 00661 | 48B00253 | 03 |

RBSW2

HCHK

|          |            |
|----------|------------|
| BCR,C0MA | BADSW+1    |
| AI,R6    | 1          |
| LI,R1    | NBMSK      |
| BAL,R4   | TRT        |
| BCS,E0C  | BADSW      |
| BCS,C0MA | RBSW2      |
| LI,R1    | NNMSK      |
| BAL,R4   | TRT        |
| BCS,E0C  | BADSW      |
| CI,R1    | 2          |
| BG       | BADSW      |
| BAL,R4   | GETFLD     |
| LW,R13   | FLD        |
| STW,R13  | TYP SW     |
| LW,R12   | TYP SW     |
| BAL,R4   | GTDVX      |
| B        | BADSW      |
| BAL,R4   | CVTYP      |
| B        | BADSW      |
| STW,R1   | SWTYP      |
| LI,R1    | NBMSK      |
| BAL,R4   | TRT        |
| BCR,C0MA | BADSW      |
| BCS,E0C  | BADSW      |
| EQU      | *          |
| AI,R6    | 1          |
| LW,R11   | HASPBIT    |
| CI,R5    | LCLX       |
| BE       | HCHK       |
| LI,R4    | 0          |
| CW,R11   | RB:FLAG,R5 |
| BAZ      | HCHK       |
| AND,R11  | FLG+REC    |
| BNEZ     | SWITFI     |
| B        | Y8IN       |
| EQU      | *          |
| AND,R11  | FLG+REC    |

SHOULD CHECK IF HE HAS IT\*\*\*\*\*

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|      |    |       |          |    |        |         |           |
|------|----|-------|----------|----|--------|---------|-----------|
| 2397 | 02 | 00662 | 68300664 |    |        | BEZ     | *+2       |
| 2398 | 02 | 00663 | 32400000 | X  | YBIN   | LW,R4   | Y8        |
| 2399 | 02 | 00664 | 35400076 | 03 | SWITFI | STW,R4  | SWITFLG   |
| 2400 | 02 | 00665 | 6AB00861 |    |        | BAL,R11 | PRBCD     |
| 2401 | 02 | 00666 | 68000407 |    |        | B       | NXTRBCC   |
| 2402 |    | 02    | 00667    |    | SW     | EQU     | *         |
| 2403 | 02 | 00667 | 21100010 | A  |        | CI,R1   | RUNPRI    |
| 2404 | 02 | 00668 | 6920066B |    |        | BB      | *+3       |
| 2405 |    | 02    | 00669    |    | SWX    | EQU     | *         |
| 2406 | 02 | 00669 | 33F00056 | 03 |        | MTW,-1  | FFLG      |
| 2407 | 02 | 0066A | 68080000 | A  |        | B       | O,R4      |
| 2408 | 02 | 0066B | 32F00000 | X  |        | LW,R15  | SWITBIT   |
| 2409 | 02 | 0066C | 31F40000 | X  |        | CW,R15  | BWISDA,R2 |
| 2410 | 02 | 0066D | 69400669 |    |        | BANZ    | SWX       |
| 2411 | 02 | 0066E | 02200000 | A  |        | LCI     | 0         |
| 2412 | 02 | 0066F | 0B00008C | 03 |        | PSM,R0  | TMPSTK    |
| 2413 | 02 | 00670 | 6AB00600 |    |        | BAL,R11 | GTDVNM    |
| 2414 | 02 | 00671 | 6800068D |    |        | B       | SWOUTZ    |
| 2415 | 02 | 00672 | 31D00074 | 03 |        | CW,R13  | TYPSTW    |
| 2416 | 02 | 00673 | 68400676 |    |        | BAZ     | *+3       |
| 2417 | 02 | 00674 | 68300676 |    |        | BE      | *+2       |
| 2418 | 02 | 00675 | 64B00605 |    |        | BDR,R11 | GDNN0     |
| 2419 | 02 | 00676 | 32100075 | 03 |        | LW,R1   | SWTYP     |
| 2420 | 02 | 00677 | 6930067A |    |        | BNEZ    | SWTCH     |
| 2421 | 02 | 00678 | 6A400694 |    |        | BAL,R4  | CVTYP     |
| 2422 | 02 | 00679 | 64B00605 |    |        | BDR,R11 | GDNN0     |
| 2423 |    | 02    | 0067A    |    | SWTCH  | EQU     | *         |
| 2424 | 02 | 0067A | 75140000 | X  |        | STB,R1  | BB;DEV,R2 |
| 2425 | 02 | 0067B | 72400252 | 03 |        | LB,R4   | REC       |
| 2426 | 02 | 0067C | 75440000 | X  |        | STB,R4  | BB;RID,R2 |
| 2427 | 02 | 0067D | 32B01490 |    |        | LW,R11  | HASPBIT   |
| 2428 | 02 | 0067E | 48B0005A | 03 |        | AND,R11 | FLAGS     |
| 2429 | 02 | 0067F | 47B40000 | X  |        | STS,R11 | BWISDA,R2 |
| 2430 | 02 | 00680 | 32B00076 | 03 |        | LW,R11  | SWITFLG   |
| 2431 | 02 | 00681 | 68300687 |    |        | BEZ     | SWOUT     |
| 2432 | 02 | 00682 | 69100685 |    |        | BLZ     | *+3       |
| 2433 | 02 | 00683 | 21100005 | A  |        | CI,R1   | 5         |



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|      |    |       |          |    |           |               |
|------|----|-------|----------|----|-----------|---------------|
| 2434 | 02 | 00684 | 69300687 |    | BNE       | SWOUT         |
| 2435 | 02 | 00685 | 32800000 | X  | LW,R11    | SWITBIT       |
| 2436 | 02 | 00686 | 47B40000 | X  | STBR0     | STSR,R11      |
|      |    |       |          |    | BWISDA,R2 |               |
| 2437 |    | 02    | 00687    |    | SWOUT     | EQU           |
|      |    |       |          |    |           | *             |
| 2438 | 02 | 00687 | 72D00252 | 03 | LB,R13    | REC           |
| 2439 | 02 | 00688 | 22A00500 | A  | LI,R10    | HALBIT        |
| 2440 | 02 | 00689 | 6A800379 |    | BAL,R8    | RBCHK         |
| 2441 | 02 | 0068A | 02200000 | A  | SWOUT1    | LCI           |
|      |    |       |          |    |           | 0             |
| 2442 | 02 | 0068B | 0A00008C | 03 | PLM,R0    | TMPSTK        |
| 2443 | 02 | 0068C | 68080000 | A  | B         | 0,R4          |
| 2444 |    | 02    | 0068D    |    | SWOUTZ    | EQU           |
|      |    |       |          |    |           | *             |
| 2445 | 02 | 0068D | 33F00056 | 03 | MTW,-1    | FFLG          |
| 2446 | 02 | 0068E | 6800068A |    | B         | SWOUT1        |
| 2447 |    | 02    | 0068F    |    | SW3       | EQU           |
|      |    |       |          |    |           | *             |
| 2448 | 02 | 0068F | 31400005 | A  | CW,R4     | R5            |
| 2449 | 02 | 00690 | 683006AC |    | BE        | BADSW         |
| 2450 | 02 | 00691 | 21400000 | N  | CI,R4     | LCLX          |
| 2451 | 02 | 00692 | 693008C2 |    | BNE       | PIDO=1        |
| 2452 | 02 | 00693 | 6800063D |    | B         | SW4           |
| 2453 |    |       |          |    | *****     |               |
| 2454 |    | 02    | 00694    |    | CVTYP     | EQU           |
|      |    |       |          |    |           | *             |
| 2455 | 02 | 00694 | 72100252 | 03 | LB,R1     | REC           |
| 2456 | 02 | 00695 | 683006A0 |    | BEZ       | CVTYPL        |
| 2457 | 02 | 00696 | 3210025C | 03 | LW,R1     | REC+#STRM     |
| 2458 | 02 | 00697 | 51D2025E | 03 | CH,R13    | REC+NMTBL,R1  |
| 2459 | 02 | 00698 | 6830069C |    | BE        | SWTX          |
| 2460 | 02 | 00699 | 64100697 |    | BDR,R1    | *=2           |
| 2461 | 02 | 0069A | 51D0025E | 03 | CH,R13    | REC+NMTBL     |
| 2462 | 02 | 0069B | 69380000 | A  | BNE       | 0,R4          |
| 2463 |    | 02    | 0069C    |    | SWTX      | EQU           |
|      |    |       |          |    |           | *             |
| 2464 | 02 | 0069C | 72120266 | 03 | LB,R1     | REC+RCBTBL,R1 |
| 2465 | 02 | 0069D | 7280025A | 03 | LB,R8     | REC+RMT#      |
| 2466 | 02 | 0069E | 4B100008 | A  | AND,R1    | R8            |
| 2467 | 02 | 0069F | 68080001 | A  | B         | 1,R4          |
| 2468 |    | 02    | 006A0    |    | CVTYPL    | EQU           |
|      |    |       |          |    |           | *             |
| 2469 | 02 | 006A0 | 22100000 | N  | LI,R1     | SVITYM        |
| 2470 | 02 | 006A1 | 51D20000 | X  | CH,R13    | SHISYMT,R1    |

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2471 02 006A2 683006A5  
 2472 02 006A3 641006A1  
 2473 02 006A4 68080000 A  
 2474 02 006A5 22100000 N  
 2475 02 006A6 51D20000 X  
 2476 02 006A7 683006A9  
 2477 02 006A8 641006A6  
 2478 02 006A9 70220000 X  
 2479 02 006AA 69180001 A  
 2480 02 006AB 68080000 A  
 2481 02 006AC  
 2482 02 006AC 206FFFFFF A  
 2483 02 006AD 2200005C A  
 2484 02 006AE 22100019 A  
 2485 02 006AF 75100051 03  
 2486 02 006B0 22800407  
 2487 02 006B1 680007F1  
 2488  
 2489 02 006B2  
 2490 02 006B2 3290005A 03  
 2491 02 006B3 680006CE  
 2492 02 006B4  
 2493 02 006B4 3290005A 03  
 2494 02 006B5 31901490  
 2495 02 006B6 684006BA  
 2496 02 006B7 32A00057 03  
 2497 02 006B8 30A0004F 03  
 2498 02 006B9 693006CE  
 2499 02 006BA  
 2500 02 006BA 33000057 03  
 2501 02 006BB 68300004 A  
 2502 02 006BC 6AB00C0B  
 2503 02 006BD 31901490  
 2504 02 006BE 694006CD  
 2505 02 006BF 3290005A 03  
 2506 02 006C0 21900010 A  
 2507 02 006C1 684006CD

BE \$+3  
 BDR,R1 \$=2  
 B 0,R4  
 LI,R1 TYPMNSZ  
 CH,R13 OHINM,R1  
 BF \$+2  
 BDR,R1 \$=2  
 LC TB,FLGS,R1  
 BCS,1 1,R4  
 B 0,R4  
 BADSW EQU \$  
 AI,R6 =1  
 LI,R0 1\*1  
 LI,R1 SWCOM1  
 STB,R1 COM  
 LI,R8 NXTRBCC  
 B MARKERR

\*\*\*\*\*

F0H1 EQU \$  
 LW,R9 FLAGS  
 B FIASET  
 RBCCOUT EQU \$  
 LW,R9 FLAGS  
 CW,R9 HASPBIT  
 BAZ F00  
 LW,R10 FINFLG  
 AW,R10 ARS0  
 BNEZ FIASET  
 F00 EQU \$  
 MTW,0 FINFLG  
 BFZ +R4  
 BAL,R11 SVIV  
 CW,R9 HASPBIT  
 BANZ F01  
 LW,R9 FLAGS  
 CI,R9 SSSBIT  
 BAZ F01

PROCESS JOB STREAM END FOR AN RBT

PROCESS SUSPENDED SYMBIONT IF THE

RESTART CONTROL COMMAND WAS RECIEVED AND (R) THE DEFAULT IS PUT IN SSIG

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|      |    |       |          |    |
|------|----|-------|----------|----|
| 2508 | 02 | 006C2 | 723A0000 | X  |
| 2509 | 02 | 006C3 | 72160000 | X  |
| 2510 | 02 | 006C4 | 211000E2 | A  |
| 2511 | 02 | 006C5 | 693006C8 |    |
| 2512 | 02 | 006C6 | 221000D9 | A  |
| 2513 | 02 | 006C7 | 75160000 | X  |
| 2514 |    | 02    | 006C8    |    |
| 2515 | 02 | 006C8 | 22E00000 | A  |
| 2516 | 02 | 006C9 | 75EA0000 | X  |
| 2517 | 02 | 006CA | 22F00010 | A  |
| 2518 | 02 | 006CB | 47EA0000 | X  |
| 2519 | 02 | 006CC | 6AB00000 | X  |
| 2520 |    | 02    | 006CD    |    |
| 2521 | 02 | 006CD | 354000DC | 03 |
| 2522 |    | 02    | 006CE    |    |
| 2523 | 02 | 006CE | 0940008C | 03 |
| 2524 | 02 | 006CF | 3290005A | 03 |
| 2525 | 02 | 006D0 | 21900020 | A  |
| 2526 | 02 | 006D1 | 684006F0 |    |
| 2527 | 02 | 006D2 | 209FFFEO | A  |
| 2528 |    | 02    | 006D3    |    |
| 2529 | 02 | 006D3 | 22D00841 | A  |
| 2530 | 02 | 006D4 | 32A00000 | X  |
| 2531 | 02 | 006D5 | 723A0000 | X  |
| 2532 | 02 | 006D6 | 683006F0 |    |
| 2533 | 02 | 006D7 | 51D60000 | X  |
| 2534 | 02 | 006D8 | 694006EE |    |
| 2535 | 02 | 006D9 | 22800000 | A  |
| 2536 | 02 | 006DA | 72E60000 | X  |
| 2537 | 02 | 006DB | 721A0000 | X  |
| 2538 | 02 | 006DC | 4BE00001 | A  |
| 2539 | 02 | 006DD | 22100021 | A  |
| 2540 | 02 | 006DE | 22B006E1 |    |
| 2541 | 02 | 006DF | 68000839 |    |
| 2542 | 02 | 006E0 | 680006E8 |    |
| 2543 | 02 | 006E1 | 21100011 | A  |
| 2544 | 02 | 006E2 | 682006E8 |    |

|         |         |                     |
|---------|---------|---------------------|
|         | LB,R3   | RBBIH0U,R5          |
|         | LB,R1   | SSIG,R3             |
|         | CI,R1   | 'S'                 |
|         | BNE     | D0SSS               |
|         | LI,R1   | 'R'                 |
|         | STB,R1  | SSIG,R3             |
| D0SSS   | EQU     | *                   |
|         | LI,R14  | 0                   |
|         | STB,R14 | RBBIHIN,R5          |
|         | LI,R15  | SSSBIT              |
|         | STS,R14 | RBIFLAG,R5          |
|         | BAL,R11 | SAQNSERT            |
| F01     | EQU     | *                   |
|         | STW,R4  | SVZ                 |
| FIASET  | EQU     | *                   |
|         | PSW,R4  | TMPSTK              |
|         | LW,R9   | FLAGS               |
|         | CI,R9   | FIABIT              |
|         | BAZ     | F02                 |
|         | AI,R9   | -FIABIT             |
| FIASET1 | EQU     | *                   |
|         | LI,R13  | INBIT+WFOBIT+FMSBIT |
|         | LW,R10  | HOLDBIT             |
| FIA1    | LB,R3   | RBBIHFE,R5          |
|         | BEZ     | F02                 |
|         | CH,R13  | STHIFLG,R3          |
|         | BANZ    | FIA3                |
|         | LI,R8   | 0                   |
|         | LB,R14  | STB,TYP,R3          |
|         | LB,R1   | RBBIDSM,R5          |
|         | AND,R14 | R1                  |
|         | LI,R1   | MFPRI               |
|         | LI,R11  | *+3                 |
|         | B       | ALL2                |
|         | B       | FIA2                |
|         | CI,R1   | 00PRI               |
|         | BLE     | FIA2                |

THE SYMBIONT IS RESTARTED.

.....  
 IF FIABIT IS SET CHECK TO SEE IF PR  
 AND/OR PUNCH IS PENDING AND SET THE

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2545 02 006E3 31A40000 X  
 2546 02 006E4 F9400004 A  
 2547 02 006E5 71E40000 X  
 2548 02 006E6 F9300004 A  
 2549 02 006E7 22800400 A  
 2550 02 006E8  
 2551 02 006E8 6D000037 A  
 2552 02 006E9 52B60000 X  
 2553 02 006EA 4BB014A3  
 2554 02 006EB 49B00008 A  
 2555 02 006EC 55B60000 X  
 2556 02 006ED 6D000027 A  
 2557 02 006EE  
 2558 02 006EE 72360000 X  
 2559 02 006EF 680006D6  
 2560 02 006F0  
 2561 02 006F0 31901499  
 2562 02 006F1 694006FF  
 2563 02 006F2 723A0000 X  
 2564 02 006F3 72360000 X  
 2565 02 006F4 22C00400 A  
 2566 02 006F5 51C60000 X  
 2567 02 006F6 684006FC  
 2568 02 006F7 31900000 X  
 2569 02 006F8 694006FF  
 2570 02 006F9 22101370  
 2571 02 006FA 6AB00759  
 2572 02 006FB 680006FF  
 2573 02 006FC  
 2574 02 006FC 22E00000 A  
 2575 02 006FD 32F00000 X  
 2576 02 006FE 47EA0000 X  
 2577 02 006FF  
 2578 02 006FF 21902000 A  
 2579 02 00700 68400706  
 2580 02 00701 22400235 03  
 2581 02 00702 6A800B62

FIA2

FIA3

F02

F04

F05

CW,R10 BWISDA,R2  
 BANZ \*R4  
 CB,R14 BB:DEV,R2  
 BNE \*R4  
 LI,R8 STPBIT  
 EQU \$  
 WD,0 X'137'  
 LW,R11 STH,FLG,R3  
 AND,R11 NSTPBT  
 OR,R11 R8  
 STH,R11 STH:FLG,R3  
 WD,0 X'127'  
 EQU \$  
 LB,R3 STB:LNK,R3  
 B FIA1  
 EQU \$  
 CW,R9 BSCBTS  
 BANZ F05  
 LB,R3 RBB:HF,R5  
 LB,R3 STB:LNK,R3  
 LI,R12 STPBIT  
 CH,R12 STH:FLG,R3  
 BAZ F04  
 CW,R9 PUNBIT  
 BANZ F05  
 LI,R1 PUNMES  
 BAL,R11 MOVEMES  
 B F05  
 EQU \$  
 LI,R14 0  
 LW,R15 PUNBIT  
 STS,R14 RB:FLAG,R5  
 EQU \$  
 CI,R9 LOFBIT  
 BAZ F06  
 LI,R4 OPDISCM  
 BAL,R8 TEL:OPR

IF THERE IS PUNCH PENDING AND IT HAS

IF THERE IS NO PUNCH PENDING AND PUN  
REQUESTED CLEAR THE REQUEST

\*\*\*\*\*  
 IF AN RBDISC HAS BEEN SENT TELL THE  
 AND PUT CONFIRMATION IN THE MESSAGE  
 FILE. THEN CHANGE LOFBIT TO DISCBI  
 THAT THE TERMINAL WILL BE DISCONNECT  
 IT CYCLES TO READ.

2582  
 2583  
 2584  
 2585  
 2586  
 2587  
 2588  
 2589  
 2590  
 2591  
 2592  
 2593 02 00703 22100235 03  
 2594 02 00704 6AB00759  
 2595 02 00705 20902000 A  
 2596 02 00706 0840008C 03  
 2597 02 00707 32F00000 X  
 2598 02 00708 31FA0000 X  
 2600 02 00709 6840070E  
 2601 02 0070A 22101367  
 2602 02 0070B 6AB00759  
 2603 02 0070C 22E00000 A  
 2604 02 0070D 47EA0000 X  
 2605 02 0070E 4B90149A  
 2606 02 0070F 321A0000 X  
 2607 02 00710 F8300004 A  
 2608 02 00711 721A0000 X  
 2609 02 00712 22F00002 A  
 2610 02 00713 51F20000 X  
 2611 02 00714 69400717  
 2612 02 00715 22101301  
 2613 02 00716 6AB00759  
 2614 02 00717 32800004 A  
 2615 02 00718 68000D21  
 2616  
 2617  
 2618

\*  
 \*  
 \*0\*  
 \*0\*  
 \*0\*  
 \*0\*  
 \*0\*  
 \*0\*  
 \*0\*  
 \*  
 \*

MESSAGE: \*RBND \* WSN - LOGGED OFF

MEANING: WORKSTATION WSN CONNECTED TO RBND HAS LOGGED OFF AND WILL BE DISCONNECTED WHEN ALL OUTPUT IS RECEIVED

ACTION: NONE - INFORMATION ONLY

F06  
FINOUT

LI,R1 DISCM  
 BAL,R11 MOVEMES  
 AI,R9 DISCBIT,L0FBIT  
 PLW,R4 TMPSTK  
 EQU \$  
 LW,R15 IGBIT  
 CW,R15 RBIFLAG,R5  
 BAZ F07  
 LI,R1 IGMES  
 BAL,R11 MOVEMFS  
 LI,R14 0  
 STS,R14 RBIFLAG,R5  
 EQU \$  
 AND,R9 NCTRBIT  
 EQU \$  
 LW,R1 RBIMFAD,R5  
 BEZ \*R4  
 LB,R1 RBBISMD,R5  
 LI,R15 0CBIT  
 CH,R15 STHIFLG,R1  
 BANZ \$+3  
 LI,R1 T0FM  
 BAL,R11 MOVEMES  
 LW,R8 R4  
 B WMF

.....  
IF CARDS WERE IGNORED TELL THE RBT  
THE MESSAGE FILE.

.....  
SET THE FLAGS, PUT A TRF AT THE END

\*\*\*\*\*

|      |    |          |             |
|------|----|----------|-------------|
| 2619 |    | 02 00719 |             |
| 2620 | 02 | 00719    | 60000037 A  |
| 2621 | 02 | 0071A    | 52160000 X  |
| 2622 | 02 | 0071B    | 20100040 A  |
| 2623 | 02 | 0071C    | 55160000 X  |
| 2624 | 02 | 0071D    | 60000027 A  |
| 2625 | 02 | 0071E    | 32000059 03 |
| 2626 | 02 | 0071F    | 35060000 X  |
| 2627 | 02 | 00720    | 12E01204    |
| 2628 | 02 | 00721    | 61E00000 A  |
| 2629 | 02 | 00722    | 22F00146 03 |
| 2630 | 02 | 00723    | 22800290    |
| 2631 |    | 02 00724 |             |
| 2632 | 02 | 00724    | 22100006 A  |
| 2633 | 02 | 00725    | 72260000 X  |
| 2634 | 02 | 00726    | F522000F A  |
| 2635 |    | 02 00727 |             |
| 2636 | 02 | 00727    | 22CFD6C3 A  |
| 2637 | 02 | 00728    | 6A40089E    |
| 2638 | 02 | 00729    | 02000000 A  |
| 2639 | 02 | 0072A    | 3240000F A  |
| 2640 | 02 | 0072B    | 32F00003 A  |
| 2641 | 02 | 0072C    | 32C0122C    |
| 2642 | 02 | 0072D    | 6AB00C0B    |
| 2643 | 02 | 0072E    | 32B000D3 03 |
| 2644 | 02 | 0072F    | F9300008 A  |
| 2645 | 02 | 00730    | 68000B91    |
| 2646 |    | 02 00731 |             |
| 2647 | 02 | 00731    | 21900080 A  |
| 2648 | 02 | 00732    | 68400453    |
| 2649 | 02 | 00733    | 521002AC 03 |
| 2650 | 02 | 00734    | 21100007 A  |
| 2651 | 02 | 00735    | 69200453    |
| 2652 | 02 | 00736    | 68300754    |
| 2653 | 02 | 00737    | 322002AC 03 |
| 2654 | 02 | 00738    | 4B200000 X  |
| 2655 | 02 | 00739    | 22300000 N  |

XP2FM

|         |             |
|---------|-------------|
| EQU     | *           |
| WD,0    | X1371       |
| LH,R1   | STHIFLG,R3  |
| AI,R1   | FMSBIT      |
| STH,R1  | STHIFLG,R3  |
| WD,0    | X1271       |
| LW,R13  | FRMNM       |
| STW,R13 | STWIFORM,R3 |
| LD,R14  | RFXPTR      |
| MBS,R14 | 0           |
| LI,R15  | REQFXP      |
| LI,R8   | GOF6        |

TEL\$XP2

|        |            |
|--------|------------|
| EQU    | *          |
| LI,R1  | 6          |
| LB,R2  | STBITYP,R3 |
| STB,R2 | *R15,R1    |

TEL\$XPX

|         |          |
|---------|----------|
| EQU     | *        |
| LI,R12  | XIFD6C31 |
| BAL,R4  | GTDVX    |
| NBP     |          |
| LW,R4   | R15      |
| LW,R15  | R3       |
| LW,R12  | XP2FCN   |
| BAL,R11 | SVIV     |
| LW,R11  | RCVRFLG  |
| BNEZ    | *R8      |
| B       | TELORBT2 |

HW (18C1)

XP2C6M

|        |        |
|--------|--------|
| EQU    | *      |
| CI,R9  | XP2BIT |
| BAZ    | OCM1   |
| LH,R1  | ID     |
| CI,R1  | 7      |
| BG     | OCM1   |
| BE     | RREC   |
| LW,R2  | ID     |
| AND,R2 | M8     |
| LI,R3  | MXSTRM |

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2656 02 0073A 71560000 X  
 2657 02 0073B 6930073E  
 2658 02 0073C 71260000 X  
 2659 02 0073D 68300740  
 2660 02 0073E 6430073A  
 2661 02 0073F 68000453  
 2662 02 00740 72121411  
 2663 02 00741 68020742  
 2664 02 00742 68000453  
 2665 02 00743  
 2666 02 00743 6D000037 A  
 2667 02 00744 52160000 X  
 2668 02 00745 201FFFC0 A  
 2669 02 00746 491014A2  
 2670 02 00747 55160000 X  
 2671 02 00748 6D000027 A  
 2672 02 00749 68000020  
 2673 02 0074A  
 2674 02 0074A 6D000037 A  
 2675 02 0074B 52160000 X  
 2676 02 0074C 491014A5  
 2677 02 0074D 55160000 X  
 2678 02 0074E 6D000027 A  
 2679 02 0074F 32D002AD 03  
 2680 02 00750 35D60000 X  
 2681 02 00751 22F00149 03  
 2682 02 00752 22800020  
 2683 02 00753 68000724  
 2684 02 00754  
 2685 02 00754 22110000 A  
 2686 02 00755 471A0000 X  
 2687 02 00756 224001C8 03  
 2688 02 00757 22800020  
 2689 02 00758 68000860  
 2690  
 2691  
 2692

GTDBT CB,R5 SNDDX,R3  
 BNE \$+3  
 CB,R2 STB:TYP,R3  
 BE \$+3  
 BDR,R3 GTDBT  
 B 0CM1  
 LB,R1 XP2VEC,R1  
 B XP2BSE,R1  
 XP2BSE B 0CM1  
 RGFM EQU \$  
 WD,0 X'37'  
 LH,R1 STH:FLG,R3  
 AI,R1 0FMSBIT  
 OR,R1 XSTPBIT  
 STH,R1 STH:FLG,R3  
 WD,0 X'27'  
 B CTR1  
 RRFM EQU \$  
 WD,0 X'37'  
 LH,R1 STH:FLG,R3  
 OR,R1 XFLKBIT  
 STH,R1 STH:FLG,R3  
 WD,0 X'27'  
 LW,R13 ID+1  
 STW,R13 STW:FARM,R3  
 LI,R15 GFXP  
 LI,R8 CTR1  
 B TEL,XP2  
 RREC EQU \$  
 LI,R1 RBXBIT  
 STS,R1 RB:FLAG,R5  
 LI,R4 RREC  
 LI,R8 CTR1  
 B TEL,OP

\*  
 \*  
 \*B\* MESSAGE: \*RBND \* WSN \* RECOVERING

2693  
 2694  
 2695  
 2696  
 2697  
 2698  
 2699  
 2700  
 2701  
 2702  
 2703  
 02 00759  
 2704 02 00759 6AA007C8  
 2705 02 0075A 32600001 A  
 2706 02 0075B 25600002 A  
 2707 02 0075C 721C0000 A  
 2708 02 0075D 20600001 A  
 2709 02 0075E  
 2710 02 0075E 0960008C 03  
 2711 02 0075F 330A0000 X  
 2712 02 00760 6930076C  
 2713 02 00761 6A600CF9  
 2714 02 00762 357A0000 X  
 2715 02 00763 22A00776  
 2716 02 00764  
 2717 02 00764 22600000 A  
 2718 02 00765 356A0000 X  
 2719 02 00766 335A0000 X  
 2720 02 00767 20700001 A  
 2721 02 00768 F5600007 A  
 2722 02 00769 25700002 A  
 2723 02 0076A 20700001 A  
 2724 02 0076B F800000A A  
 2725 02 0076C  
 2726 02 0076C 226003EB A  
 2727 02 0076D 38600001 A  
 2728 02 0076E 316A0000 X  
 2729 02 0076F 68100776

\*8\*  
 \*8\*  
 \*8\*  
 \*8\*  
 \*8\*  
 \*8\*  
 \*8\*  
 \*  
 \*

MEANING: THE OTHER CP-V SYSTEM CONNECTED TO RBNDN AS WORKSTATION  
 WSN HAS CRASHED AND THE LINE WILL BE DISCONNECTED

ACTION: ALLOW TIME FOR THE RECOVERY AND RECONNECT THE MACHINE  
 ACCORDING TO INSTALLATION PROCEDURES

\*\*\*\*\*

MOVEMES EQU \$  
 BAL,R10 SMDCK  
 LW,R6 R1  
 SLS,R6 2  
 LB,R1 0,R6  
 AI,R6 1  
 MOVE1 EQU \$  
 PSW,R6 TMPSTK  
 MTW,0 RBIMFAD,R5  
 BNEZ MFCK2  
 BAL,R6 GET256  
 STW,R7 RBIMFAD,R5  
 LI,R10 MOVE15  
 MFCK1 EQU \$  
 LI,R6 0  
 STW,R6 RBISPMF,R5  
 MTW,5 RBISPMF,R5  
 AI,R7 1  
 STB,R6 \*R7  
 SLS,R7 2  
 AI,R7 1  
 B \*R10  
 MFCK2 EQU \$  
 LI,R6 1024\*3-1\*3\*5\*4  
 SW,R6 R1  
 CW,R6 RBISPMF,R5  
 BGE MOVE15

SZ=2DA-E8B-CTL-HSP-SAFE



|      |       |         |          |    |        |         |                |
|------|-------|---------|----------|----|--------|---------|----------------|
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| 2730 | 02    | 00770   | 22A00776 |    |        | LI,R10  | MOVE15         |
| 2731 |       | 02      | 00771    |    | FORCE  | EQU     | \$             |
| 2732 | 02    | 00771   | 0980008C | 03 |        | PSW,R8  | TMPSTK         |
| 2733 | 02    | 00772   | 6A800D20 |    |        | BAL,R8  | WMFF           |
| 2734 | 02    | 00773   | 0880008C | 03 |        | PLW,R8  | TMPSTK         |
| 2735 | 02    | 00774   | 327A0000 | X  |        | LW,R7   | RBIMFAD,R5     |
| 2736 | 02    | 00775   | 68000764 |    |        | B       | MFCK1          |
| 2737 |       | 02      | 00776    |    | MOVE15 | EQU     | \$             |
| 2738 | 02    | 00776   | 0860008C | 03 |        | PLW,R6  | TMPSTK         |
| 2739 | 02    | 00777   | 751E0000 | A  |        | STB,R1  | 0,R7           |
| 2740 | 02    | 00778   | 731E0000 | A  |        | MTB,1   | 0,R7           |
| 2741 | 02    | 00779   | 661A0000 | X  |        | AWM,R1  | RBISPMF,R5     |
| 2742 | 02    | 0077A   | 3300005E | 03 |        | MTW,0   | K0MP           |
| 2743 | 02    | 0077B   | 693007A9 |    |        | BNEZ    | HSPCMP         |
| 2744 | 02    | 0077C   | 21500000 | N  |        | CI,R5   | LCLX           |
| 2745 | 02    | 0077D   | 68300781 |    |        | BE      | MOVE17         |
| 2746 | 02    | 0077E   | 32A01490 |    |        | LW,R10  | HASpBIT        |
| 2747 | 02    | 0077F   | 4BAA0000 | X  |        | AND,R10 | RB,FLAG,R5     |
| 2748 | 02    | 00780   | 693007A9 |    |        | BNEZ    | HSPCMP         |
| 2749 |       | 02      | 00781    |    | MOVE17 | EQU     | \$             |
| 2750 | 02    | 00781   | 75100007 | A  |        | STB,R1  | R7             |
| 2751 | 02    | 00782   | 22A00793 |    |        | LI,R10  | MOVE2          |
| 2752 |       | 02      | 00783    |    | MVSET  | EQU     | \$             |
| 2753 | 02    | 00783   | 20700001 | A  |        | AI,R7   | 1              |
| 2754 | 02    | 00784   | 22100006 | A  |        | LI,R1   | I0FCN          |
| 2755 | 02    | 00785   | 751E0000 | A  |        | STB,R1  | 0,R7           |
| 2756 | 02    | 00786   | 20700001 | A  |        | AI,R7   | 1              |
| 2757 | 02    | 00787   | 22100001 | A  |        | LI,R1   | 1              |
| 2758 | 02    | 00788   | 751E0000 | A  |        | STB,R1  | 0,R7           |
| 2759 | 02    | 00789   | 20700001 | A  |        | AI,R7   | 1              |
| 2760 | 02    | 0078A   | 221000C0 | A  |        | LI,R1   | X,CO1          |
| 2761 | 02    | 0078B   | 21600769 | 03 |        | CI,R6   | BA(HDR)+1      |
| 2762 | 02    | 0078C   | 68300791 |    |        | BE      | MVSET1         |
| 2763 | 02    | 0078D   | 21604A09 |    |        | CI,R6   | BA(120ASTER)+1 |
| 2764 | 02    | 0078E   | 68300791 |    |        | BE      | MVSET1         |
| 2765 | 02    | 0078F   | 21604C05 |    |        | CI,R6   | BA(T0FM)+1     |
| 2766 | 02    | 00790   | F930000A | A  |        | BNE     | *R10           |

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2767 02 00791 221000F1 A  
 2768 02 00791 221000F1 A  
 2769 02 00792 F800000A A  
 2770 02 00793 751E0000 A  
 2771 02 00793 751E0000 A  
 2772 02 00794 20700001 A  
 2773 02 00795 61600000 A  
 2774 02 00796 0860008C 03  
 2775 02 00796 0860008C 03  
 2776 02 00797 22100000 A  
 2777 02 00798 751E0000 A  
 2778 02 00799 20700001 A  
 2779 02 0079A 335A0000 X  
 2780 02 0079B F800000B A  
 2781 02 0079C 33000053 03  
 2782 02 0079C 33000053 03  
 2783 02 0079D F930000B A  
 2784 02 0079E 4AA007C8  
 2785 02 0079F 32600050 03  
 2786 02 007A0 3210004F 03  
 2787 02 007A1 683007A6  
 2788 02 007A2 22A00080 A  
 2789 02 007A3 31AA0000 X  
 2790 02 007A4 F940000B A  
 2791 02 007A5 680007A7  
 2792 02 007A6 3210004D 03  
 2793 02 007A6 3210004D 03  
 2794 02 007A7 33100053 03  
 2795 02 007A8 6800075E  
 2796 02 007A9 02200020 A  
 2797 02 007A9 02200020 A  
 2798 02 007AA 0B20008C 03  
 2799 02 007AB 32200007 A  
 2800 02 007AC 32300001 A  
 2801 02 007AD 6AA00783  
 2802 02 007AE 4B101224  
 2803 02 007AF 201000A1 A

MVSET1 EQU \$  
 LI,R1 X'F1'  
 B \*R10  
 MOVE2 EQU \$  
 STB,R1 0,R7  
 AI,R7 1  
 MBS,R6 0  
 MOVE3 EQU \$  
 PLW,R6 TMPSTK  
 LI,R1 0  
 STB,R1 0,R7  
 AI,R7 1  
 MTW,5 RB,SPMF,R5  
 B \*R11  
 MOVECC EQU \$  
 MTW,0 CCMVD  
 BNEZ \*R11  
 BAL,R10 SMDCK  
 LW,R6 BCP  
 LW,R1 ARSB  
 BEZ MVCC1  
 LI,R10 XP2BIT  
 CW,R10 RBIFLAG,R5  
 BANZ \*R11  
 B \$+2  
 MVCC1 EQU \$  
 LW,R1 ARS  
 MTW,1 CCMVD  
 B MOVE1  
 HSpCMP EQU \$  
 LCI 2  
 PSM,R2 TMPSTK  
 LW,R2 R7  
 LW,R3 R1  
 BAL,R10 MVSET  
 AND,R1 X'12'  
 AI,R1 X'A1'

BC+RCC+SKP+VFC+BC

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2804 02 007B0 751E0000 A  
 2805 02 007B1 20700001 A  
 2806 02 007B2 73240000 A  
 2807 02 007B3 332A0000 X  
 2808 02 007B4  
 2809 02 007B4 32A00003 A  
 2810 02 007B5 21A0003F A  
 2811 02 007B6 682007B8  
 2812 02 007B7 22A0003F A  
 2813 02 007B8 75A00007 A  
 2814 02 007B9 20A000C0 A  
 2815 02 007BA 75AE0000 A  
 2816 02 007BB 20700001 A  
 2817 02 007BC 61600000 A  
 2818 02 007BD 203FFF C1 A  
 2819 02 007BE 692007C5  
 2820 02 007BF 22100000 A  
 2821 02 007C0 751E0000 A  
 2822 02 007C1 20700001 A  
 2823 02 007C2 02200020 A  
 2824 02 007C3 0A20008C 03  
 2825 02 007C4 68000796  
 2826 02 007C5  
 2827 02 007C5 73140000 A  
 2828 02 007C6 331A0000 X  
 2829 02 007C7 680007B4  
 2830 02 007C8  
 2831 02 007C8 21500000 N  
 2832 02 007C9 683007CC  
 2833 02 007CA 730A0000 X  
 2834 02 007CB F830000B A  
 2835 02 007CC 0960008C 03  
 2836 02 007CD F800000A A  
 2837  
 2838 02 007CE  
 2839 02 007CE 35300055 03  
 2840 02 007CF 32E00001 A

HSCP1

HSCP2

SMDCK

CVTSID

STB,R1 0,R7  
 AI,R7 1  
 MTB,2 0,R2  
 MTW,2 RBISPMF,R5  
 EQU \$  
 LW,R10 R3  
 CI,R10 63  
 BLE \$+2  
 LI,R10 63  
 STB,R10 R7  
 AI,R10 X'CO'  
 STB,R10 0,R7  
 AI,R7 1  
 MBS,R6 0  
 AI,R3 =63  
 BGZ HSCP2  
 LI,R1 0  
 STB,R1 0,R7  
 AI,R7 1  
 LCI 2  
 PLM,R2 TMPSTK  
 B MOVE3  
 EQU \$  
 MTB,1 0,R2  
 MTW,1 RBISPMF,R5  
 B HSCP1  
 EQU \$  
 CI,R5 LCLX  
 BF \$+3  
 MTB,0 RBBISMD,R5  
 BEZ \*R11  
 PSW,R6 TMPSTK  
 B \*R10

\*\*\*\*\*  
 CONVERT EBCDIC FIELD TO BINARY  
 !  
 BASE OF FIELDS NUMBER SYSTEM IN R3.

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2841 02 007D0 32300006 A  
 2842 02 007D1 22D00000 A  
 2843 02 007D2 38300001 A  
 2844 02 007D3  
 2845 02 007D3 72F60000 A  
 2846 02 007D4 20FFFF10 A  
 2847 02 007D5 681007D7  
 2848 02 007D6 20F00039 A  
 2849 02 007D7 37D00055 03  
 2850 02 007D8 30D0000F A  
 2851 02 007D9 20300001 A  
 2852 02 007DA 64E007D3  
 2853 02 007DB 32C0000D A  
 2854 02 007DC 88000004 A  
 2855  
 2856 02 007DD  
 2857 02 007DD 21100001 A  
 2858 02 007DE 693007E8  
 2859 02 007DF 20600002 A  
 2860 02 007E0 22100003 A  
 2861 02 007E1 6A400848  
 2862 02 007E2 32401212  
 2863 02 007E3 3140024E 03  
 2864 02 007E4 683008B1  
 2865 02 007E5 206FFFFFFE A  
 2866 02 007E6  
 2867 02 007E6 2510007F A  
 2868 02 007E7 38600001 A  
 2869 02 007E8 2200007B A  
 2870 02 007E9 0980008C 03  
 2871 02 007EA 6A8007F1  
 2872 02 007EB 0880008C 03  
 2873 02 007EC  
 2874 02 007EC 221000E0 A  
 2875 02 007ED 6A400852  
 2876 02 007EE 680008A9  
 2877 02 007EF 206FFFFFFF A

CVTHEX

LW,R3 R6  
 LI,R13 0  
 SW,R3 R1  
 EQU \$  
 LB,R15 0,R3  
 AI,R15 =X'FO'  
 BGEZ \$+2  
 AI,R15 X'FO'=X'G1'+10  
 MW,R13 CVT  
 AW,R13 R15  
 AI,R3 1  
 BDR,R14 CVTHEX  
 LW,R12 R13  
 B \*R4

LENGTH IN R1 END OF FIELD IN R6.  
 CONVERTS DIRECTLY FROM BUFFER INTO R12.

\*\*\*\*\*  
 CHKALL EQU \$

CHECK BAD SYSID TO SEE IF IT IS ALL. IF SO GO TO ALLRET, IF NOT FALL INTO BADSID.

CI,R1 1  
 BNE BADSID2  
 AI,R6 2  
 LI,R1 3  
 BAL,R4 GETFLD  
 LW,R4 TALL  
 CW,R4 FLD  
 BE ALLRET  
 AI,R6 \*2

BADSID

EQU \$  
 SLS,R1 \*1  
 SW,R6 R1  
 LI,R0 '#'  
 PSW,R8 TMPSTK  
 BAL,R8 MARKERR  
 PLW,R8 TMPSTK

.....  
 FLAG BAD FIELD ON CC. THEN GO TO NEXT FIELD. VARIOUS ADJUSTMENTS TO POINTER ARE AVAILABLE. DEFAULT FLAG IS '#' BUT OTHER ENTRIES ALLOW OTHER FLAGS.

BADSID2

BADSID3

BADSID4

EQU \$  
 LI,R1 COBLMSK  
 BAL,R4 TRT  
 B COMRET  
 AI,R6 \*1

BADSID1

```

2878 02 007F0 680007E8
2879
2880      02 007F1
2881 02 007F1 330000C7 03
2882 02 007F2 6930080C
2883 02 007F3 02200020 A
2884 02 007F4 0BA0008C 03
2885 02 007F5 6AB0079C
2886 02 007F6 32100053 03
2887 02 007F7 68300805
2888 02 007F8 321A0000 X
2889 02 007F9 3010004E 03
2890 02 007FA 2110038C A
2891 02 007FB 682007FF
2892 02 007FC 0960008C 03
2893 02 007FD 6AA00771
2894 02 007FE 0860008C 03
2895 02 007FF 357000C7 03
2896 02 00800 3210004E 03
2897 02 00801 20100003 A
2898 02 00802 75101287
2899 02 00803 22101287
2900 02 00804 6AB00759
2901 02 00805 333000C7 03
2902 02 00806 72100051 03
2903 02 00807 7212140A
2904 02 00808 201012D6
2905 02 00809 6AB00759
2906 02 0080A 02200020 A
2907 02 0080B 0AA0008C 03
2908      02 0080C
2909 02 0080C 32100053 03
2910 02 0080D 68300008 A
2911 02 0080E 32100006 A
2912 02 0080F 38100050 03
2913 02 00810 21500000 N
2914 02 00811 68300815
    
```

```

      B      BADSID2
*****
MARKERR EQU $
      MTW,0 MRKD
      BNEZ REMARK
      LCI 2
      PSM,R10 TMPSTK
      BAL,R11 MOVECC
      LW,R1 CCMVD
      BEZ MKER1
      LW,R1 RBISPMF,R5
      AW,R1 ARSE
      CI,R1 1024=8*8*100
      BLE $+4
      PSW,R6 TMPSTK
      BAL,R10 FORCE
      PLW,R6 TMPSTK
      STW,R7 MRKD
      LW,R1 ARSE
      AI,R1 3
      STB,R1 80BLNK
      LI,R1 80BLNK
      BAL,R11 MOVEMES
MKER1 MTW,3 MRKD
      LB,R1 COM
      LB,R1 MKMES,R1
      AI,R1 MSBSE
      BAL,R11 MOVEMES
REMARK LCI 2
      PLM,R10 TMPSTK
      EQU $
      LW,R1 CCMVD
      BEZ *R8
      LW,R1 R6
      SW,R1 BCP
      CI,R5 LCLX
      BE $+4
    
```

```

PUT NEW FLAG INTO FLAG LINE
!
THE FLAG IN R0 IS PLACED UNDER
THE APPROPRIATE FEILD IN THE LISTED
CC. IF THIS IS THE FIRST ERROR, THE
FLAG LINE IS CREATED AND A MESSAGE
APPROPRIATE TO THE TYPE OF CC IS
PLACED IN THE MESSAGE FILE FOLLOWING
THE FLAG LINE. IF THERE IS NOT ROOM
FOR BOTH THE FLAG LINE AND MESSAGE
THE CURENT BUFFER IS WRITTEN AND A
NEW ONE STARTED.
    
```

|      |    |          |           |    |
|------|----|----------|-----------|----|
| 2915 | 02 | 00812    | 21100040  | A  |
| 2916 | 02 | 00813    | 69100815  |    |
| 2917 | 02 | 00814    | 20100001  | A  |
| 2918 | 02 | 00815    | 301000C7  | 03 |
| 2919 | 02 | 00816    | 75020000  | A  |
| 2920 | 02 | 00817    | F8000008  | A  |
| 2921 |    |          |           |    |
| 2922 |    | 02 00818 |           |    |
| 2923 | 02 | 00818    | 22200000  | A  |
| 2924 | 02 | 00819    | 352000CA  | 03 |
| 2925 | 02 | 0081A    | 35200056  | 03 |
| 2926 | 02 | 0081B    | 22100020  | A  |
| 2927 | 02 | 0081C    | 6A0002B6  |    |
| 2928 | 02 | 0081D    | 68000829  |    |
| 2929 | 02 | 0081E    | 51C40000  | X  |
| 2930 | 02 | 0081F    | 69300289  |    |
| 2931 | 02 | 00820    | 72EA0000  | X  |
| 2932 | 02 | 00821    | 71E40000  | X  |
| 2933 | 02 | 00822    | 68300825  |    |
| 2934 | 02 | 00823    | 331000CA  | 03 |
| 2935 | 02 | 00824    | 680002B9  |    |
| 2936 | 02 | 00825    | 33100056  | 03 |
| 2937 | 02 | 00826    | 6A40083F  |    |
| 2938 | 02 | 00827    | 21100010  | A  |
| 2939 | 02 | 00828    | 69200289  |    |
| 2940 |    | 02 00829 |           |    |
| 2941 | 02 | 00829    | 33000056  | 03 |
| 2942 | 02 | 0082A    | 693008A8  |    |
| 2943 | 02 | 0082B    | 22800866  |    |
| 2944 | 02 | 0082C    | 330000CA  | 03 |
| 2945 | 02 | 0082D    | 68300835  |    |
| 2946 |    | 02 0082E |           |    |
| 2947 | 02 | 0082E    | 2200005B  | A  |
| 2948 |    | 02 0082F |           |    |
| 2949 | 02 | 0082F    | 206FFFFFF | A  |
| 2950 | 02 | 00830    | 0980008C  | 03 |
| 2951 | 02 | 00831    | 6A8007F1  |    |

|             |           |
|-------------|-----------|
| CI,R1       | 64        |
| BL          | *+2       |
| AI,R1       | 1         |
| AW,R1       | MRKD      |
| STB,R0      | 0,R1      |
| B           | *R8       |
| *****       |           |
| FINDSID EQU | *         |
| LI,R2       | 0         |
| STW,R2      | NYID      |
| STW,R2      | FFLG      |
| LI,R1       | FOPRI     |
| BAL,R0      | FIND      |
| B           | FSID3     |
| CH,R12      | BHSID,R2  |
| BNE         | FIND1     |
| LB,R14      | RBB:ID,R5 |
| CB,R14      | BBIRID,R2 |
| BE          | FSID2     |
| MTW,1       | NYID      |
| B           | FIND1     |
| FSID2 MTW,1 | FFLG      |
| BAL,R4      | CKG8      |
| CI,R1       | RUNPRI    |
| BG          | FIND1     |
| FSID3 EQU   | *         |
| MTW,0       | FFLG      |
| BNEZ        | COMRET1   |
| LI,R8       | PR0CD2=1  |
| MTW,0       | NYID      |
| BEZ         | FSID7     |
| FSID4 EQU   | *         |
| LI,R0       | '9'       |
| FSID6 EQU   | *         |
| AI,R6       | =1        |
| PSW,R8      | TMPSTK    |
| BAL,R8      | MARKERR   |

FIND AND CHECK ALL ENTRIES WITH A GIVEN SYSID  
 !  
 ENTER WITH THE SYSID IN R12. R11 POINTS TO A ROUTINE TO BE ENTERED FOR EACH LEGAL ENTRY. IF THE SYSID NOT FOUND AT ALL IT IS FLAGGED WITH A '!' IF NO ENTRY HAS THE RIGHT RBI THE SYSID IS FLAGGED WITH A '9'. EXIT IS TO COMRET1 WHICH FINDS THE NEXT FIELD AND EXITS TO PR0CD.

2952 02 00832 0880008C 03  
 2953 02 00833 20600001 A  
 2954 02 00834 680008A9  
 2955 02 00835  
 2956 02 00835 2200005C A  
 2957 02 00836 6800082F  
 2958  
 2959 02 00837 20B00001 A  
 2960 02 00838  
 2961 02 00838 22100020 A  
 2962 02 00839  
 2963 02 00839 224002B9  
 2964 02 0083A 72CA0000 X  
 2965 02 0083B 6A0002B6  
 2966 02 0083C 68000846  
 2967 02 0083D 71C40000 X  
 2968 02 0083E 693002B9  
 2969 02 0083F  
 2970 02 0083F 21100010 A  
 2971 02 00840 2930000B A  
 2972 02 00841 22F00000 X  
 2973 02 00842 31F40000 X  
 2974 02 00843 694002B9  
 2975 02 00844 33100056 03  
 2976 02 00845 2800000B A  
 2977 02 00846 20BFFFFFF A  
 2978 02 00847 2800000B A  
 2979  
 2980 02 00848  
 2981 02 00848 22F00938 03  
 2982 02 00849 32E01288  
 2983 02 0084A 35E0024E 03  
 2984 02 0084B 35E0024F 03  
 2985 02 0084C 4B100000 X  
 2986 02 0084D  
 2987 02 0084D 7510000F A  
 2988 02 0084E 32E00006 A

PLW,R8 TMPSTK  
 AI,R6 1  
 B COMRET  
 FSID7 EQU \$  
 LI,R0 !\*!  
 B FSID6  
 \*\*\*\*\*  
 ALL1 AI,R11 1  
 ALL EQU \$  
 LI,R1 FOPRI  
 ALL2 EQU \$  
 LI,R4 FIND1  
 LB,R12 RBB:ID,R5  
 BAL,R0 FIND  
 B ALLOUT  
 CB,R12 BB:RID,R2  
 BNE FIND1  
 CK88 EQU \$  
 CI,R1 RUNPRI  
 BNE \*R11  
 LW,R15 DELBIT  
 CW,R15 BWSIDA,R2  
 BANZ FIND1  
 MTW,1 FFLG  
 B \*R11  
 ALLOUT AI,R11 \*1  
 B \*R11  
 \*\*\*\*\*  
 GETFLD EQU \$  
 LI,R15 BA(FLD)  
 LW,R14 80BLNK+1  
 STW,R14 FLD  
 STW,R14 FLD+1  
 AND,R1 XF  
 MOVFLD EQU \$  
 STB,R1 R15  
 LW,R14 R6

FIND ALL SYSIDS FOR AN RBID.  
 !  
 ENTER WITH R11 POINTING TO A  
 ROUTINE TO BE ENTERED FOR EACH SYSID  
 EXIT TO R11-1 WHEN ALL SYSIDS HAVE I  
 FOUND.

GET FIELD FROM CC AND MOVE IT TO  
 FLD. FLD IS CLEARED TO BLANKS  
 AND MOVFLD IS ENTERED TO MOVE THE F

\*\*\*\*\*  
 MOVE A FIELD FROM A CC TO A  
 SPECIFIED BUFFER. R6 IS THE ADDR  
 OF THE END OF THE FIELD, R1 IS THE

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2989 02 0084F 38E00001 A  
 2990 02 00850 61E00000 A  
 2991 02 00851 F8000004 A  
 2992  
 2993 02 00852  
 2994 02 00852 0970008C 03  
 2995 02 00853 227052C8  
 2996 02 00854 46600007 A  
 2997 02 00855 75100006 A  
 2998 02 00856 221000FF A  
 2999 02 00857 75100007 A  
 3000 02 00858 40600000 A  
 3001 02 00859 72000007 A  
 3002 02 0085A 38100000 A  
 3003 02 0085B 46600007 A  
 3004 02 0085C 72000007 A  
 3005 02 0085D 75000006 A  
 3006 02 0085E 0870008C 03  
 3007 02 0085F 70200006 A  
 3008 02 00860 F8000004 A  
 3009  
 3010 02 00861  
 3011 02 00861 22800866  
 3012 02 00862 20B00001 A  
 3013 02 00863 221000C1 A  
 3014 02 00864 6A400852  
 3015 02 00865 698008B1  
 3016 02 00866 69800846  
 3017 02 00867  
 3018 02 00867 694007EF  
 3019 02 00868 221000F4 A  
 3020 02 00869 6A400852  
 3021 02 0086A 68E007DD  
 3022 02 0086B 6980086D  
 3023 02 0086C 691007E6  
 3024 02 0086D 21100004 A  
 3025 02 0086E 692007E6

SW,R14 R1  
 MBS,R14 0  
 B \*R4  
 \*\*\*\*\*  
 TRT EQU \$  
 PSW,R7 TMPSTK  
 LI,R7 BA(TRTBL)  
 XW,R6 R7  
 STB,R1 R6  
 LI,R1 XIFFI  
 STB,R1 R7  
 TTBS,R6 0  
 LB,R0 R7  
 SW,R1 R0  
 XW,R6 R7  
 LB,R0 R7  
 STB,R0 R6  
 PLW,R7 TMPSTK  
 LC R6  
 B \*R4  
 \*\*\*\*\*

BYTE COUNT. R15 IS THE ADDR OF THE DESTINATION BUFFER.

SEARCH BYTE STRING FOR GIVEN CHARAC TYPE. ENTER WITH MASK IN R1, CUREN POSITION IN R6. EXIT WITH R1= SCAN BYTE COUNT, R6 ADJUSTED TO NEW POSITION AND MASK IN TOP BYTE OF R6 AND DELIMITER BITS IN THE CONDITION CODE. SEE TRTBL FOR EXPLANATION OF MASKS

\*\*\*\*\*

PR0CD EQU \$  
 LI,R8 PR0CD2=1  
 AI,R11 1  
 LI,R1 NBMSK  
 BAL,R4 TRT  
 BCS,E0C ALLRET  
 BCS,E0C ALLOUT

PROCESS STRINGS OF SYSIDS ON CCS  
 ;  
 ENTERED AS FOLLOWS:  
 ;  
 BAL,11 PR0CD  
 B END OF SYSIDS  
 ROUTINE TO PROCESS EACH ;

PR0CD2 EQU \$  
 BCS,C0MA BADSID1  
 LI,R1 NXMSK  
 BAL,R4 TRT  
 BCR,CEB CHKALL  
 BCS,E0C \$\*2  
 BCS,PAR BADSID  
 PR0CD3 CI,R1 4  
 BG BADSID

THE CARD IS SCANNED AND THE CALLERS ROUTINE IS ENTERED FOR EACH SYSID FOUND(IF IT IS LEGAL) ILLEGAL SYSID ARE FLAGGED IN THE MESSAGE FILE.



H01 15:40 SEP 08, 175

3026 02 0086F 22300010 A  
 3027 02 00870 6A4007CE  
 3028 02 00871 21C05A5B A  
 3029 02 00872 692007E6  
 3030 02 00873 21C00000 A  
 3031 02 00874 682007E6  
 3032 02 00875 68000818  
 3033  
 3034 02 00876 35B000D9 03  
 3035 02 00877 00877  
 3036 02 00877 3290005A 03  
 3037 02 00878 2280087D  
 3038 02 00879 20B00001 A  
 3039 02 0087A 221000C1 A  
 3040 02 0087B 6A400852  
 3041 02 0087C 69800896  
 3042 02 0087D 0087D  
 3043 02 0087D 69800846  
 3044 02 0087E 694007EF  
 3045 02 0087F 221000E0 A  
 3046 02 00880 6A400852  
 3047 02 00881 691007E6  
 3048 02 00882 21100002 A  
 3049 02 00883 692007E6  
 3050 02 00884 6A400848  
 3051 02 00885 52C0024E 03  
 3052 02 00886 323000D9 03  
 3053 02 00887 6930089B  
 3054 02 00888 22300000 N  
 3055 02 00889 30300005 A  
 3056 02 0088A 0088A  
 3057 02 0088A 72360000 X  
 3058 02 0088B 68300893  
 3059 02 0088C 73060000 X  
 3060 02 0088D 6830088A  
 3061 02 0088E 51C60000 X  
 3062 02 0088F 6930088A

LI,R3 16  
 BAL,R4 CVTSID  
 CI,R12 X'5A5B'  
 BG BADSID  
 CI,R12 0  
 BLE BADSID  
 B FINDSID  
 \*\*\*\*\*  
 PRDCDA STW,R11 STATX  
 PRDCD EQU \$  
 LW,R9 FLAGS  
 LI,R8 PRDC1  
 AI,R11 1  
 LI,R1 NBMSK  
 BAL,R4 TRT  
 BCS,EBC PRDC3  
 PRDC1 EQU \$  
 BCS,EBC ALLOUT  
 BCS,COMA BADSID1  
 LI,R1 COBLMSK  
 BAL,R4 TRT  
 BCS,PAR BADSID  
 CI,R1 2  
 BG BADSID  
 BAL,R4 GETFLD  
 LW,R12 FLD  
 LW,R3 STATX  
 BNEZ PRDC4  
 LI,R3 BA(RBBIHOU)BA(STBILNK)  
 AW,R3 R5  
 PRCDX EQU \$  
 LB,R3 STB,LNK,R3  
 BEZ PRDC4  
 MTB,0 STBITYP,R3  
 BEZ PRCDX  
 CH,R12 STMNM,R3  
 BNE PRCDX

```

3063      02 00890
3064      02 00890      6A40000B A
3065      02 00891      6800082E
3066      02 00892      680008A9
3067      02 00893
3068      02 00893      6A40089E
3069      02 00894      68000835
3070      02 00895      6800082E
3071      02 00896
3072      02 00896      31901490
3073      02 00897      69400404
3074      02 00898      723A0000 X
3075      02 00899      68300404
3076      02 0089A      68000890
3077      02 0089B
3078      02 0089B      6A40089E
3079      02 0089C      68000835
3080      02 0089D      68000890
3081      02 0089E
3082      02 0089E      22300000 N
3083      02 0089F      71560000 X
3084      02 008A0      683008A3
3085      02 008A1
3086      02 008A1      6430089F
3087      02 008A2      68080000 A
3088      02 008A3      73060000 X
3089      02 008A4      683008A1
3090      02 008A5      51C60000 X
3091      02 008A6      693008A1
3092      02 008A7      68080001 A
3093
3094      02 008A8      22800866
3095      02 008A9
3096      02 008A9      221000C1 A
3097      02 008AA      6A400852
3098      02 008AB      68C007E8
3099      02 008AC
    
```

```

PRDC2      EQU      $
            BAL,R4  *R11
            B        FSID4
            B        COMRET
PRDC4      EQU      $
            BAL,R4  GTDVX
            B        FSID7
            B        FSID4
PRDC3      EQU      $
            CW,R9   HASPBIT
            BANZ    BADCRD
            LB,R3   RBBIHOU,R5
            BEZ     BADCRD
            B       PRDC2
PRDCA1     EQU      $
            BAL,R4  GTDVX
            B        FSID7
            B        PRDC2
GTDVX      EQU      $
            LI,R3   MXSTRM
            CB,R5   SNDDX,R3
            BE      $+3
GTDVXX     EQU      $
            BDR,R3  $*2
            B        O,R4
            MTB,0   STBITYP,R3
            BEZ     GTDVXX
            CH,R12  STHINM,R3
            BNE     GTDVXX
            B        I,R4
*****
COMRET1    LI,R8   PRDC2=1      SKIP ACROSS COMMA TO NEXT FIELD
COMRET     EQU      $
            LI,R1   NBMSK
            BAL,R4  TRT
            BCR,COME BADSID2
COMRET2    EQU      $
    
```

```

!
GOES FROM MARK (1) TO MARK
!
...FIELD , FIELD...
!
!
    
```

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|      |    |       |           |    |
|------|----|-------|-----------|----|
| 3100 | 02 | 008AC | F9800008  | A  |
| 3101 | 02 | 008AD | 20600001  | A  |
| 3102 | 02 | 008AE | 221000C1  | A  |
| 3103 | 02 | 008AF | 6A400852  |    |
| 3104 | 02 | 008B0 | F8000008  | A  |
| 3105 |    | 02    | 008B1     |    |
| 3106 | 02 | 008B1 | 3310004C  | 03 |
| 3107 | 02 | 008B2 | 68000838  |    |
| 3108 |    |       |           |    |
| 3109 |    | 02    | 008B3     |    |
| 3110 | 02 | 008B3 | 20A00001  | A  |
| 3111 | 02 | 008B4 | 6A400848  |    |
| 3112 | 02 | 008B5 | 22400000  | N  |
| 3113 | 02 | 008B6 | 12C0024E  | 03 |
| 3114 | 02 | 008B7 | 11C01206  |    |
| 3115 | 02 | 008B8 | F830000A  | A  |
| 3116 | 02 | 008B9 | 32400001  | N  |
| 3117 |    | 02    | 008BA     |    |
| 3118 | 02 | 008BA | 11C80000  | X  |
| 3119 | 02 | 008BB | 493008BF  |    |
| 3120 | 02 | 008BC | 32E01497  |    |
| 3121 | 02 | 008BD | 31E80000  | X  |
| 3122 | 02 | 008BE | F940000A  | A  |
| 3123 |    | 02    | 008BF     |    |
| 3124 | 02 | 008BF | 204FFFFFF | A  |
| 3125 | 02 | 008C0 | 31400000  | X  |
| 3126 | 02 | 008C1 | 681008BA  |    |
| 3127 | 02 | 008C2 | 20A00001  | A  |
| 3128 |    | 02    | 008C3     |    |
| 3129 | 02 | 008C3 | 22F00939  | 03 |
| 3130 | 02 | 008C4 | 6A400849  |    |
| 3131 | 02 | 008C5 | 35A000DB  | 03 |
| 3132 | 02 | 008C6 | 7510024E  | 03 |
| 3133 |    | 02    | 008C7     |    |
| 3134 | 02 | 008C7 | 6AB00C0B  |    |
| 3135 | 02 | 008C8 | 04101426  |    |
| 3136 | 02 | 008C9 | 0410141F  |    |

|        |         |            |
|--------|---------|------------|
|        | BCS,EBC | *R8        |
|        | AI,R6   | 1          |
|        | LI,R1   | NBMSK      |
|        | BAL,R4  | TRT        |
|        | B       | *R8        |
| ALLRET | EQU     | *          |
|        | MTW,1   | ALLX       |
|        | B       | ALL        |
| *****  |         |            |
| PRCID  | EQU     | *          |
|        | AI,R10  | 1          |
|        | BAL,R4  | GETFLD     |
|        | LI,R4   | LCLX       |
|        | LD,R12  | FLD        |
|        | CD,R12  | TLCL       |
|        | BF      | *R10       |
|        | LW,R4   | RBLIMS+1   |
| PRIDCO | EQU     | *          |
|        | CD,R12  | RBD;WSN,R4 |
|        | BNE     | PRIDC      |
|        | LW,R14  | IDUBTS     |
|        | CW,R14  | RBIFLAG,R4 |
|        | BANZ    | *R10       |
| PRIDC  | EQU     | *          |
|        | AI,R4   | =1         |
|        | CW,R4   | RBLIMS     |
|        | BGE     | PRIDCO     |
|        | AI,R10  | 1          |
| PIDO   | EQU     | *          |
|        | LI,R15  | BA(FLD)+1  |
|        | BAL,R4  | GETFLD+1   |
|        | STW,R10 | SV10       |
|        | STB,R1  | FLD        |
| PID1   | EQU     | *          |
|        | BAL,R11 | SVIV       |
|        | CAL,1   | OPNXX      |
|        | CAL,1   | RDXX       |

IF IMPROPERLY DELIMITED FIELDS ARE FOUND THE ARE MARKED (\*) AND THE NEXT FIELD IS FOUND.

SET ALL FLAG AND GO TO ALL IF ALL IS SPECIFIED OR IMPLIED ON THE CC.

PROCESS WSN ON CC.

ENTERED AS FOLLOWS:

BAL,10 PRCID  
 B BAD WSN  
 B WSN IS LOCAL, OR CO  
 RBID IS IN R15 RECORD IS IN

AND R1 IS THE BYTE COUNT. THE WSN CHECKED TO SEE IF IT IS LOCAL OR ALL

DCT INDEX OF THE LOGGED ON RBT IN R

OTHERWISE A KEYED READ IS DONE ON USING THE WSN AS THE KEY. IF THE RECORD IS SUCCESSFUL THE RBID IS PUT IN R15 AND THE PROGRAM EXITS. IF NOT AND THE ERROR CODE IS (NO RECORD WITH THAT KEY), THE ERROR IS TAKEN. THE OPERATOR IS INFORMED OF UNEXPECTED ERROR CODES.



```

3174 02 008DE 680008CC
3175
3176 02 008DF 22D0000A A
3177 02 008DF 22D0000A A
3178 02 008E0 680008E2
3179 02 008F1
3180 02 008E1 22D00010 A
3181 02 008E2 35D00055 03
3182 02 008E3 22D00000 A
3183 02 008F4
3184 02 008E4 22E00000 A
3185 02 008E5 36E00055 03
3186 02 008E6 21E0000A A
3187 02 008E7 681008E9
3188 02 008E8 20E00039 A
3189 02 008E9 20E000B7 A
3190 02 008EA 25D00078 A
3191 02 008EB 75E0000D A
3192 02 008EC 21F00000 A
3193 02 008ED 692008E4
3194 02 008EE 21D00040 A
3195 02 008EF 694008F2
3196 02 008F0 25D00078 A
3197 02 008F1 680008EE
3198 02 008F2 49D01288
3199 02 008F3 F800000B A
3200
3201 02 008F4
3202 02 008F4 20600005 A
3203 02 008F5 221000C1 A
3204 02 008F6 6A400852
3205 02 008F7 69C00983
3206 02 008F8 221000F8 A
3207 02 008F9 6A400852
3208 02 008FA 68E00983
3209 02 008FB 21100008 A
3210 02 008FC 69200983

```

```

B PIDN*1
*****!
DEC EQU $
LI,R13 10
B $+2
HEXC EQU $
LI,R13 16
STW,R13 CVT
LI,R13 0
DH1 EQU $
LI,R14 0
DW,R14 CVT
CI,R14 10
BGE $+2
AI,R14 '0'-'A'+10
AI,R14 'A'-10
SLS,R13 =8
STB,R14 R13
CI,R15 0
BG DH1
CI,R13 X'40'
BANZ $+3
SLS,R13 =8
B $+3
OR,R13 80BLNK+1
B *R11

```

```

CONVERT A BINARY NUMBER TO EITHER DECIMAL
OR HEX EBCDIC. THE NUMBER TO CONVERT
IS IN R15 THE CONVERTED NUMBER RIGHT
ADJUSTED BLANK PADDED IS IN R13 ON E

```

\*\*\*\*\*!

```

PROCJOB EQU $
AI,R6 5
LI,R1 NBMSK
BAL,R4 TRT
BCS,COME BADXIT
LI,R1 NNMSK
BAL,R4 TRT
BCR,CEB BADXIT
CI,R1 8
BG BADXIT

```

```

PROCESS JOB COMMAND
:
GET THE NAME, ACCOUNT, PRIORITY, AND WORKING
FIELDS AND TYPE THEM WITH THE SYSID
THE OPERATORS CONSOLE. SKIP OVER THE
EXTENDED ACCOUNTING IF PRESENT.
IF THE JOB IS REMOTE CHECK FOR MAXIMUM
AND ISYS ACCOUNT. IF ANYTHING BUT
MAX PRI0 IS IN ERROR PUT A MESSAGE
MESSAGE FILE AND SET THE ABORT FLAG

```

401 15:40 SEP 08, 175  
 3211 02 008FD 6A400848  
 3212 02 008FE 12C0024E 03  
 3213 02 008FF 11C01208  
 3214 02 00900 69300909  
 3215 02 00901 21500000 N  
 3216 02 00902 68300909  
 3217 02 00903 3290005A 03  
 3218 02 00904 21901000 A  
 3219 02 00905 69400909  
 3220 02 00906 2210135D  
 3221 02 00907 22B00446  
 3222 02 00908 68000759  
 3223 02 00909 00909 PJ1  
 3224 02 00909 3220004B 03  
 3225 02 0090A 15C40000 X  
 3226 02 0090B 22300000 A  
 3227 02 0090C 52F00054 03  
 3228 02 0090D 68300915  
 3229 02 0090E 22300001 A  
 3230 02 0090F 21F00000 N  
 3231 02 00910 68200912  
 3232 02 00911 22300002 A  
 3233 02 00912 6AB008E1  
 3234 02 00913 12E013FA  
 3235 02 00914 61E00000 A  
 3236 02 00915 00915 PJ3  
 3237 02 00915 12E613F2  
 3238 02 00916 61E00000 A  
 3239 02 00917 6A40084D  
 3240 02 00918 6A40097E  
 3241 02 00919 6A8008A9  
 3242 02 0091A 69800983  
 3243 02 0091B 221000F8 A  
 3244 02 0091C 6A400852  
 3245 02 0091D 68E00983  
 3246 02 0091E 2110000C A  
 3247 02 0091F 69200983

BAL,R4 GETFLD  
 LD,R12 FLD  
 CD,R12 SYS  
 BNE PJ1  
 CI,R5 LCLX  
 BE PJ1  
 LW,R9 FLAGS  
 CI,R9 SYSBIT  
 BANZ PJ1  
 LI,R1 NOSYS  
 LI,R11 LSTSECT  
 B MOVEMES  
 EQU \*  
 LW,R2 ADDX  
 STD,R12 BDIACCT,R2  
 LI,R3 0  
 LH,R15 CURSID  
 BEZ PJ3  
 LI,R3 1  
 CI,R15 SMUIS  
 BLE \*+2  
 LI,R3 2  
 BAL,R11 HEXC  
 LD,R14 SIDPTR  
 MBS,R14 0  
 EQU \*  
 LD,R14 JBMS,R3  
 MBS,R14 0  
 BAL,R4 MOVFLD  
 BAL,R4 COMEDIT  
 BAL,R8 COMRET  
 BCS,E0C BADXIT  
 LI,R1 NNMSK  
 BAL,R4 TRT  
 BCR,CEB BADXIT  
 CI,R1 12  
 BG BADXIT

169  
 ACCOUNT IS PUT IN BDIACCT AND THE PF  
 SAVED TO USE ADDING THE FILE LATER.  
 THE JOB CAME FROM JOBERT THE BRIGON  
 IN THE TOP BYTE OF CURSID AND AN APP  
 PRIATE JOB MESSAGE IS CHOSEN.

H01 15140 SEP 08, 175

|      |    |       |           |    |
|------|----|-------|-----------|----|
| 3248 | 02 | 00920 | 6A40084D  |    |
| 3249 | 02 | 00921 | 6A40097E  |    |
| 3250 | 02 | 00922 | 22E00848  | 03 |
| 3251 | 02 | 00923 | 30F00000  | X  |
| 3252 | 02 | 00924 | 61E00000  | A  |
| 3253 | 02 | 00925 | 6A40097E  |    |
| 3254 | 02 | 00926 | 221000DF  | A  |
| 3255 | 02 | 00927 | 6A400852  |    |
| 3256 | 02 | 00928 | 68D00983  |    |
| 3257 | 02 | 00929 | 6810092C  |    |
| 3258 | 02 | 0092A | 221000C0  | A  |
| 3259 | 02 | 0092B | 6A400852  |    |
| 3260 | 02 | 0092C | 6A8008A9  |    |
| 3261 | 02 | 0092D | 6980097A  |    |
| 3262 | 02 | 0092E | 221000F4  | A  |
| 3263 | 02 | 0092F | 6A400852  |    |
| 3264 | 02 | 00930 | 68E00983  |    |
| 3265 | 02 | 00931 | 21100001  | A  |
| 3266 | 02 | 00932 | 69200983  |    |
| 3267 | 02 | 00933 | 6910097A  |    |
| 3268 | 02 | 00934 | 206FFFFFF | A  |
| 3269 | 02 | 00935 | 723C0000  | A  |
| 3270 | 02 | 00936 | 20600001  | A  |
| 3271 | 02 | 00937 | 203FFF10  | A  |
| 3272 | 02 | 00938 | 6810093A  |    |
| 3273 | 02 | 00939 | 20300039  | A  |
| 3274 | 02 | 0093A | 6A40084D  |    |
| 3275 | 02 | 0093B | 21500000  | N  |
| 3276 | 02 | 0093C | 68300941  |    |
| 3277 | 02 | 0093D | 713A0000  | X  |
| 3278 | 02 | 0093E | 68200941  |    |
| 3279 | 02 | 0093F | 723A0000  | X  |
| 3280 | 02 | 00940 | 73100003  | A  |
| 3281 | 02 | 00941 |           |    |
| 3282 | 02 | 00941 | 353000D1  | 03 |
| 3283 | 02 | 00942 | 6A8008A9  |    |
| 3284 | 02 | 00943 | 69800948  |    |

PRIN

|         |              |
|---------|--------------|
| BAL,R4  | MOVFLD       |
| BAL,R4  | COMEDIT      |
| LI,R14  | BA(RB,10BM1) |
| AW,R15  | Y04          |
| MBS,R14 | 0            |
| BAL,R4  | COMEDIT      |
| LI,R1   | NBPMSK       |
| BAL,R4  | TRT          |
| BCR,CEP | BADXIT       |
| BCR,PAR | *+3          |
| LI,R1   | COMMSK       |
| BAL,R4  | TRT          |
| BAL,R8  | COMRET       |
| BCS,EBC | DFLTPRI      |
| LI,R1   | NXMSK        |
| BAL,R4  | TRT          |
| BCR,CEB | BADXIT       |
| CI,R1   | 1            |
| BG      | BADXIT       |
| BL      | DFLTPRI      |
| AI,R6   | *1           |
| LB,R3   | 0,R6         |
| AI,R6   | 1            |
| AI,R3   | *101         |
| BGEZ    | *+2          |
| AI,R3   | 101-'A'+10   |
| BAL,R4  | MOVFLD       |
| CI,R5   | LCLX         |
| BF      | PRIN         |
| CB,R3   | RBBIMXP,R5   |
| BLE     | PRIN         |
| LB,R3   | RBBIMXP,R5   |
| MTB,1   | R3           |
| EQU     | \$           |
| STW,R3  | PRI0         |
| BAL,R8  | COMRET       |
| BCS,EBC | JOBON        |





H01 15140 SEP 08, 1975  
 3322 02 00959 68000B60  
 3323 02 0095A  
 3324 02 0095A 22100018 A  
 3325 02 0095B 75100051 03  
 3326 02 0095C 330000C7 03  
 3327 02 0095D 6830095F  
 3328 02 0095E 3310004A 03  
 3329 02 0095F 6A40040A  
 3330 02 00960  
 3331 02 00960 7210000E A  
 3332 02 00961 2110005A A  
 3333 02 00962 6930098B  
 3334 02 00963 11E011FC  
 3335 02 00964 6830040A  
 3336 02 00965 33000052 03  
 3337 02 00966 68300965  
 3338 02 00967 33F00052 03  
 3339 02 00968 68000971  
 3340 02 00969 25E00108 A  
 3341 02 0096A 31E01210  
 3342 02 0096B 68300971  
 3343 02 0096C 31E0120E  
 3344 02 0096D 6930098B  
 3345 02 0096E 25E00110 A  
 3346 02 0096F 31E0120F  
 3347 02 00970 6930098B  
 3348 02 00971 21500000 N  
 3349 02 00972 69300974  
 3350 02 00973 6AB0079C  
 3351 02 00974 3220004B 03  
 3352 02 00975 2240146F  
 3353 02 00976 2210147F  
 3354 02 00977 22A0095C  
 3355 02 00978 22B00C74  
 3356 02 00979 68000564  
 3357  
 3358 02 0097A

RESLIM B EQU TELCOP  
 LI,R1 RESCOM  
 STB,R1 COM  
 MTW,0 MRKD  
 BEZ \$+2  
 MTW,1 ABORT  
 BAL,R4 NXTCC  
 RSL1 EQU \$  
 LB,R1 R14  
 CI,R1 1 1  
 BNE PJDN  
 CD,R14 PASSWORD  
 BE NXTCC  
 MTW,0 CONT  
 BEZ \$+3  
 MTW,-1 CONT  
 B DORES  
 SLD,R14 8  
 CW,R14 RES  
 BE DORES  
 CW,R14 LIMIT1  
 BNE PJDN  
 SLD,R14 16  
 CW,R14 LIMIT2  
 BNE PJDN  
 DORES CI,R5 LCLX  
 BNE \$+2  
 BAL,R11 MOVECC  
 LW,R2 ADDX  
 LI,R4 RESOPTS  
 LI,R1 RESPTR  
 LI,R10 RESLIM+2  
 LI,R11 CHKRS  
 B PRBCOP  
 \*\*\*\*\*  
 DFLTPRI EQU \$

-----  
 PROCESS RES AND LIMIT COMMANDS

PROCESS THE COMMAND BY BALING TO PRI  
 IF ERRORS ARE FLAGGED SET THE ABORT  
 IF THE JOB IS LOCAL LIST ALL CCS IN  
 MESSAGE FILE. WHEN OUT OF THESE CCS  
 PJDN.

IF NO PRIORITY IS SPECIFIED ON THE



H01 15:40 SEP 08, 1975

3396 02 0098F F2D20071 03  
 3397 02 00990 48D00000 X  
 3398 02 00991 55D20062 03  
 3399 02 00992 6410098F  
 3400 02 00993 72440000 X  
 3401 02 00994 53180062 03  
 3402 02 00995 52240000 X  
 3403 02 00996 69300993  
 3404 02 00997 22400000 N  
 3405 02 00998  
 3406 02 00998 52D80062 03  
 3407 02 00999 51D80000 X  
 3408 02 0099A 682009A0  
 3409 02 0099B 52B80000 X  
 3410 02 0099C 55B0023D 03  
 3411 02 0099D 2210023C 03  
 3412 02 0099E 6AB00759  
 3413 02 0099F 35B0004A 03  
 3414 02 009A0  
 3415 02 009A0 64400998  
 3416 02 009A1  
 3417 02 009A1 3300004A 03  
 3418 02 009A2 69300985  
 3419 02 009A3 32E000D1 03  
 3420 02 009A4 F5E00071 03  
 3421 02 009A5 6AB001EE  
 3422 02 009A6 6AB00000 X  
 3423 02 009A7 33100000 X  
 3424 02 009A8 6AB009C9  
 3425 02 009A9 51D40000 X  
 3426 02 009AA 694009AD  
 3427 02 009AB 2240134D  
 3428 02 009AC 6AB00B68  
 3429  
 3430  
 3431  
 3432

PJDN3

PJDN2

NOSH

LB,R13 \*BADRS,R1  
 AND,R13 M7  
 STH,R13 BSL,CRES,R1  
 BDR,R1 \*3  
 LB,R4 S#BITYP,R2  
 MTH,1 BSL,CRES,R4  
 LH,R2 S#HILNK,R2  
 BNEZ \*3  
 LI,R4 SV:RSJZ  
 EQU \$  
 LH,R13 BSL,CRES,R4  
 CH,R13 SH:RTOT,R4  
 BLE PJDN2  
 LH,R11 SH:RNM,R4  
 STH,R11 TXRLE+1  
 LI,R1 TXRLE  
 BAL,R11 MOVEMES  
 STW,R11 ABORT  
 EQU \$  
 BDR,R4 PJDN3  
 EQU \$  
 MTW,0 ABORT  
 BNEZ JOBABRT  
 LW,R14 PRI0  
 STB,R14 \*BADRS  
 BAL,R8 ADDJOB  
 BAL,R11 MBSOP  
 MTW,1 SIBFIS  
 BAL,R8 PRCK  
 CH,R13 BHIPART,R2  
 BANZ \*+3  
 LI,R4 NRMES  
 BAL,R8 TEL:OP1

IF THE ABORT FLAG IS SET GO TO JOBAI  
 IF NOT PUT THE ENTRY ON THE APPROPRIATE  
 PRIORITY CHAIN, SET THE BITS IN BH:IP  
 (MBSOP), AND BUMP SIBFIS.  
 IF THE JOB IS LOCAL RELEASE THE MESSAGE

MESSAGE: \*ABOVE JOB NEEDS PARTITION CHANGE

\*  
 \*  
 \*8\*  
 \*8\*





|      |    |          |          |    |
|------|----|----------|----------|----|
| 3507 | 02 | 009D9    | 3230000E | A  |
| 3508 | 02 | 009DA    | 52E60000 | X  |
| 3509 | 02 | 009DB    | 693009D9 |    |
| 3510 | 02 | 009DC    | 55F60000 | X  |
| 3511 | 02 | 009DD    | 680009D3 |    |
| 3512 |    |          |          |    |
| 3513 |    | 02 009DE |          |    |
| 3514 | 02 | 009DE    | 3590005A | 03 |
| 3515 | 02 | 009DF    | 6AB00C0B |    |
| 3516 | 02 | 009E0    | 32B000D3 | 03 |
| 3517 | 02 | 009E1    | 69300000 | X  |
| 3518 | 02 | 009E2    | 32EE0002 | A  |
| 3519 | 02 | 009E3    | 25E00002 | A  |
| 3520 | 02 | 009E4    | 32F011F0 |    |
| 3521 | 02 | 009E5    | 61E00000 | A  |
| 3522 | 02 | 009E6    | 32EE0002 | A  |
| 3523 | 02 | 009E7    | 6AB00000 | X  |
| 3524 | 02 | 009E8    | 35B000DC | 03 |
| 3525 | 02 | 009E9    | 22600000 | A  |
| 3526 | 02 | 009EA    | 31901491 |    |
| 3527 | 02 | 009EB    | 69400B1D |    |
| 3528 | 02 | 009EC    | 31901490 |    |
| 3529 | 02 | 009ED    | 684009FC |    |
| 3530 | 02 | 009EE    | 22600005 | A  |
| 3531 | 02 | 009EF    | 722C02AC | 03 |
| 3532 | 02 | 009F0    | 212000F0 | A  |
| 3533 | 02 | 009F1    | 69300B2F |    |
| 3534 | 02 | 009F2    | 22600006 | A  |
| 3535 | 02 | 009F3    | 722C02AC | 03 |
| 3536 | 02 | 009F4    | 212000C1 | A  |
| 3537 | 02 | 009F5    | 69300B2F |    |
| 3538 | 02 | 009F6    | 22600007 | A  |
| 3539 | 02 | 009F7    | 721C02AC | 03 |
| 3540 | 02 | 009F8    | 122002AE | 03 |
| 3541 | 02 | 009F9    | 25200178 | A  |
| 3542 | 02 | 009FA    | 75100002 | A  |
| 3543 | 02 | 009FB    | 680009FD |    |

|         |            |
|---------|------------|
| LW,R3   | R14        |
| LW,R14  | S#H,LNK,R3 |
| BNEZ    | #=2        |
| STH,R15 | S#H,LNK,R3 |
| B       | ABRS#+2    |

\*\*\*\*\*

|        |         |         |
|--------|---------|---------|
| RB,LRR | EQU     | \$      |
|        | STW,R9  | FLAGS   |
|        | BAL,R11 | SVIV    |
|        | LW,R11  | RCVRFLG |
|        | BNEZ    | LRRCLR  |
|        | LW,R14  | 2,R7    |
|        | SLS,R14 | 2       |
|        | LW,R15  | IDPR    |
|        | MBS,R14 | 0       |
|        | LW,R14  | 2,R7    |
|        | BAL,R11 | RMB     |
|        | STW,R11 | SVZ     |
|        | LI,R6   | 0       |
|        | CW,R9   | 2780BIT |
|        | BANZ    | 27LRR   |
|        | CW,R9   | HASPBIT |
|        | BAZ     | LRR4    |
|        | LI,R6   | 5       |
|        | LB,R2   | ID,R6   |
|        | CI,R2   | XIF01   |
|        | BNE     | NOTID   |
|        | LI,R6   | 6       |
|        | LB,R2   | ID,R6   |
|        | CI,R2   | 1A1     |
|        | BNE     | NOTID   |
|        | LI,R6   | 7       |
|        | LB,R1   | ID,R6   |
|        | LD,R2   | ID*2    |
|        | SLD,R2  | =8      |
|        | STB,R1  | R2      |
|        | B       | LRR3    |

REMOTE BATCH LOGON RECORD RECEIVED  
 1  
 GET THE RECORD FROM THE MONITOR BUFFER  
 AND RELEASE IT. CHECK TO BE SURE THAT  
 IS AN RBID COMMAND. IF NOT PRINT AN  
 ERROR MESSAGE. GET THE WSN AND IF  
 SYNTACTICALLY (SIC) BAL TO PROCID TO  
 IT. IF NOT O.K. PRINT AN ERROR MESSAGE  
 OTHERWISE GET THE INFO FROM THE RECORD  
 AND PUT IT WHERE IT BELONGS. THEN PRINT  
 A MESSAGE FILE TO TELL THE USER THAT  
 IS LOGGED ON AND INCLUDE THE STATUS

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|      |    |       |          |    |  |
|------|----|-------|----------|----|--|
| 3544 |    | 02    | 009FC    |    |  |
| 3545 | 02 | 009FC | 122002AC | 03 |  |
| 3546 |    | 02    | 009FD    |    |  |
| 3547 | 02 | 009FD | 22100008 | A  |  |
| 3548 | 02 | 009FE | 751C02C0 | 03 |  |
| 3549 | 02 | 009FF | 20600008 | A  |  |
| 3550 | 02 | 00A00 | 112013F0 |    |  |
| 3551 | 02 | 00A01 | 68300A06 |    |  |
| 3552 | 02 | 00A02 | 206FFFFD | A  |  |
| 3553 | 02 | 00A03 | 4B300000 | X  |  |
| 3554 | 02 | 00A04 | 112013EE |    |  |
| 3555 | 02 | 00A05 | 69300B2F |    |  |
| 3556 |    | 02    | 00A06    |    |  |
| 3557 | 02 | 00A06 | 20600AB0 | 03 |  |
| 3558 | 02 | 00A07 | 221000C1 | A  |  |
| 3559 | 02 | 00A08 | 6A400852 |    |  |
| 3560 | 02 | 00A09 | 69E00B31 |    |  |
| 3561 | 02 | 00A0A | 221000F8 | A  |  |
| 3562 | 02 | 00A0B | 6A400852 |    |  |
| 3563 | 02 | 00A0C | 68E00B31 |    |  |
| 3564 | 02 | 00A0D | 21100008 | A  |  |
| 3565 | 02 | 00A0E | 69200B31 |    |  |
| 3566 | 02 | 00A0F | 6AA008B3 |    |  |
| 3567 | 02 | 00A10 | 68000B31 |    |  |
| 3568 | 02 | 00A11 | 68000B33 |    |  |
| 3569 |    | 02    | 00A12    |    |  |
| 3570 | 02 | 00A12 | 32D01499 |    |  |
| 3571 | 02 | 00A13 | 32CA0000 | X  |  |
| 3572 | 02 | 00A14 | 45C00253 | 03 |  |
| 3573 | 02 | 00A15 | 68300A26 |    |  |
| 3574 | 02 | 00A16 | 31D00253 | 03 |  |
| 3575 | 02 | 00A17 | 68400B31 |    |  |
| 3576 | 02 | 00A18 | 31C01494 |    |  |
| 3577 | 02 | 00A19 | 68400B31 |    |  |
| 3578 | 02 | 00A1A | 22100001 | A  |  |
| 3579 | 02 | 00A1B | 32A01491 |    |  |
| 3580 | 02 | 00A1C | 31A00253 | 03 |  |

LRR4

|        |          |
|--------|----------|
| EQU    | \$       |
| LD,R2  | ID       |
| EQU    | \$       |
| LI,R1  | EBC      |
| STB,R1 | ID+20,R6 |
| AI,R6  | 8        |
| CD,R2  | TSGON    |
| BE     | LRR5     |
| AI,R6  | 5=8      |
| AND,R3 | YFFFF    |
| CD,R2  | TRBID    |
| BNE    | NOTID    |

LRR3

LRR5

|         |        |
|---------|--------|
| EQU     | \$     |
| AI,R6   | BA(ID) |
| LI,R1   | NBMSK  |
| BAL,R4  | TRT    |
| BCS,CEB | ILID   |
| LI,R1   | NNMSK  |
| BAL,R4  | TRT    |
| BCR,CEB | ILID   |
| CI,R1   | 8      |
| BG      | ILID   |
| BAL,R10 | PRBCID |
| B       | ILID   |
| B       | SAMID  |

LRR2

|        |            |
|--------|------------|
| EQU    | \$         |
| LW,R13 | BSCBTS     |
| LW,R12 | RBIFLAG,R5 |
| CS,R12 | FLG+REC    |
| BE     | LRR9       |
| CW,R13 | FLG+REC    |
| BAZ    | ILID       |
| CW,R12 | AL*DCBIT   |
| BAZ    | ILID       |
| LI,R1  | 1          |
| LW,R10 | 2780BIT    |
| CW,R10 | FLG+REC    |

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3581 02 00A1D 69400A1F  
 3582 02 00A1E 22100000 A  
 3583 02 00A1F 12A211FE  
 3584 02 00A20 68300B31  
 3585 02 00A21 35AA0000 X  
 3586 02 00A22 35BA0000 X  
 3587 02 00A23 32C21490  
 3588 02 00A24 47CA0000 X  
 3589 02 00A25 47C0005A 03  
 3590 02 00A26  
 3591 02 00A26 75FA0000 X  
 3592 02 00A27 72100256 03  
 3593 02 00A28 751A0000 X  
 3594 02 00A29 7210025A 03  
 3595 02 00A2A 751A0000 X  
 3596 02 00A2B 32F00253 03  
 3597 02 00A2C 47F0005A 03  
 3598 02 00A2D 47FA0000 X  
 3599 02 00A2E 22100000 A  
 3600 02 00A2F  
 3601 02 00A2F 22F00002 A  
 3602 02 00A30 72300000 X  
 3603 02 00A31 68300B48  
 3604 02 00A32 72A60000 X  
 3605 02 00A33 68300A37  
 3606 02 00A34 048011E4  
 3607 02 00A35 64F00A32  
 3608 02 00A36 68000B5A  
 3609 02 00A37  
 3610 02 00A37 75560000 X  
 3611 02 00A38 72A60000 X  
 3612 02 00A39 75A00000 X  
 3613 02 00A3A 22B00000 N  
 3614 02 00A3B 52F2025E 03  
 3615 02 00A3C 55F60000 X  
 3616 02 00A3D 72E20266 03  
 3617 02 00A3E 31E0025D 03

LRR9

SET\*STRM

SS01

BAN2 \*+2  
 LI,R1 0  
 LD,R10 HNDL,R1  
 BEZ ILID  
 STW,R10 DCT8,R5  
 STW,R11 DCT9,R5  
 LW,R12 TBT8,R1  
 STS,R12 RBIFLAG,R5  
 STS,R12 FLAGS  
 EDU \*  
 STB,R15 RBB,LD,R5  
 LB,R1 MXPRI+REC  
 STB,R1 RBB:MXP,R5  
 LB,R1 REC+RMT#  
 STB,R1 RBB:DSM,R5  
 LW,R15 FLG+REC  
 STS,R15 FLAGS  
 STS,R15 RBIFLAG,R5  
 LI,R1 0  
 EDU \*  
 LI,R15 2  
 LB,R3 STB:LNK  
 BEZ N8\*STRM  
 LB,R10 SSIG,R3  
 BEZ SS01  
 CAL1,8 WAIT  
 BDR,R15 \*+3  
 B N8\*STRM5  
 EDU \*  
 STB,R5 SNDDX,R3  
 LB,R10 STB:LNK,R3  
 STB,R10 STB:LNK  
 LI,R11 RBB:HFE  
 LH,R15 REC+NMTBL,R1  
 STH,R15 STH:NM,R3  
 LB,R14 REC+RCBTBL,R1  
 CW,R14 REC+SMD

I'M ASHAMED OF THIS



```

3618 02 00A3F 69300A41
3619 02 00A40 753A0000 X
3620 02 00A41 75E60000 X
3621 02 00A42 72F20282 03
3622 02 00A43 21E00006 A
3623 02 00A44 69300A46
3624 02 00A45 75FA0000 X
3625 02 00A46 21E00005 A
3626 02 00A47 69300A49
3627 02 00A48 75FA0000 X
3628 02 00A49 52F2027A 03
3629 02 00A4A 55F60000 X
3630 02 00A4B 52F2026A 03
3631 02 00A4C 21F00002 A
3632 02 00A4D 68400A54
3633 02 00A4E 22D00006 A
3634 02 00A4F 22B00000 N
3635 02 00A50 31E0025D 03
3636 02 00A51 69300A5C
3637 02 00A52 35B0004F 03
3638 02 00A53 68000A5C
3639 02 00A54 STRM1
3640 02 00A54 22D00001 A
3641 02 00A55 21F00001 A
3642 02 00A56 69400A59
3643 02 00A57 22D00082 A
3644 02 00A58 52A20272 03
3645 02 00A59 21F08000 A
3646 02 00A5A 68400A5C
3647 02 00A5B 20D00004 A
3648 02 00A5C STRM2
3649 02 00A5C 21F01000 A
3650 02 00A5D 68400A5F
3651 02 00A5E 20D00010 A
3652 02 00A5F 21A00040 A
3653 02 00A60 68400A62
3654 02 00A61 20D00040 A

```

```

BNE $+2
STB,R3 RBB;SMD,R5
STB,R14 STB;TYP,R3
LB,R15 REC+MX;TBL,R1
CI,R14 6
BNE $+2
STB,R15 RBB;LPZ,R5
CI,R14 5
BNE $+2
STB,R15 RBB;CPZ,R5
LH,R15 REC+SUSTBL,R1
STH,R15 STH;SUS,R3
LH,R15 REC+F1;TBL,R1
CI,R15 0CBIT
BAZ STRM1
LI,R13 6
LI,R11 RBB;HQU
CW,R14 REC+SMD
BNE STRM2
STW,R11 ARSB
B STRM2
EQU $
LI,R13 X'11'
CI,R15 INBIT
BANZ $+3
LI,R13 X'821'
LH,R10 REC+F2;TBL,R1
CI,R15 XSETBIT
BAZ STRM2
AI,R13 4
EQU $
CI,R15 X'10001'
BAZ $+2
AI,R13 X'101'
CI,R10 X'401'
BAZ $+2
AI,R13 X'401'

```

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3655 02 00A62 4BF00000 X  
3656 02 00A63 3290005A 03  
3657 02 00A63 31901490  
3658 02 00A64 68400A67  
3659 02 00A65 20D00008 A  
3660 02 00A66 75D60000 X  
3661 02 00A67 55F60000 X  
3662 02 00A68 22F00000 A  
3663 02 00A69 35F60000 X  
3664 02 00A6A 72F2028E 03  
3665 02 00A6B 75F60000 X  
3666 02 00A6C F2EA0008 A  
3667 02 00A6D 75E60000 X  
3668 02 00A6E F53A0008 A  
3669 02 00A6F 20100001 A  
3670 02 00A70 3110025C 03  
3671 02 00A71 68200A2F  
3672 02 00A72 12000292 03  
3673 02 00A73 68300A7A  
3674 02 00A74 02200000 A  
3675 02 00A75 0B00008C 03  
3676 02 00A76 6AA00000 X  
3677 02 00A77 02200000 A  
3678 02 00A78 0A00008C 03  
3679 02 00A79 00A7A  
3680 02 00A7A 3290005A 03  
3681 02 00A7B 31901499  
3682 02 00A7C 69400A80  
3683 02 00A7D 72B00294 03  
3684 02 00A7E 35BA0000 X  
3685 02 00A7F 68000AFC  
3686 02 00A80 6AB00C0B  
3687 02 00A81 32B000D3 03  
3688 02 00A82 69300B4A  
3689 02 00A83  
3690  
3691

STRM15

STRM3

GRBPGR

GRBPG

AND,R15 M15  
EQU \*  
LW,R9 FLAGS  
CW,R9 HASPBIT  
BAZ \*+2  
AI,R13 8  
STB,R13 SYMX,R3  
STH,R15 STH,FLG,R3  
LI,R15 0  
STW,R15 STW,F0RM,R3  
LB,R15 REC+DPDTBL,R1  
STB,R15 STBIDPD,R3  
LB,R14 \*R11,R5  
STB,R14 STBILNK,R3  
STB,R3 \*R11,R5  
AI,R1 1  
CW,R1 REC+#STRM  
BLE SET,STRM  
LD,R0 REC+GJOB  
BEZ STRM3  
LCI 0  
PSM,R0 TMPSTK  
BAL,R10 TIGJOBSTRY  
LCI 0  
PLM,R0 TMPSTK  
EQU \*  
LW,R9 FLAGS  
CW,R9 BSCBTS  
BANZ GRBPGR  
LB,R11 REC+RTY  
STW,R11 RBIBUF,R5  
B LRR1  
EQU \*  
BAL,R11 SVIV  
LW,R11 RCVRFLG  
BNEZ NO\*STRM1  
EQU \*

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|      |    |       |          |    |
|------|----|-------|----------|----|
| 3692 | 02 | 00A83 | 6AB00000 | X  |
| 3693 | 02 | 00A84 | 20300000 | A  |
| 3694 | 02 | 00A85 | 69200A8F |    |
| 3695 | 02 | 00A86 | 68300A8C |    |
| 3696 | 02 | 00A87 | 6D000037 | A  |
| 3697 | 02 | 00A88 | 66300000 | X  |
| 3698 | 02 | 00A89 | 69100A8B |    |
| 3699 | 02 | 00A8A | 35300000 | X  |
| 3700 | 02 | 00A8B | 6D000027 | A  |
| 3701 | 02 | 00A8C |          |    |
| 3702 | 02 | 00A8C | 048011E2 |    |
| 3703 | 02 | 00A8D | 048011E3 |    |
| 3704 | 02 | 00A8E | 68000A83 |    |
| 3705 | 02 | 00A8F |          |    |
| 3706 | 02 | 00A8F | 353A0000 | X  |
| 3707 | 02 | 00A90 | 353000F0 | 03 |
| 3708 | 02 | 00A91 | 737000F0 | 03 |
| 3709 | 02 | 00A92 | 048000F0 | 03 |
| 3710 | 02 | 00A93 | 68800A96 |    |
| 3711 | 02 | 00A94 | 048011E7 |    |
| 3712 | 02 | 00A95 | 68000A92 |    |
| 3713 | 02 | 00A96 | 321011F5 |    |
| 3714 | 02 | 00A97 | 61000000 | 03 |
| 3715 | 02 | 00A98 | 72100294 | 03 |
| 3716 | 02 | 00A99 | 35110025 | A  |
| 3717 | 02 | 00A9A | 22100000 | A  |
| 3718 | 02 | 00A9B | 3290005A | 03 |
| 3719 | 02 | 00A9C | 31901491 |    |
| 3720 | 02 | 00A9D | 68400AB5 |    |
| 3721 | 02 | 00A9E | 20300100 | A  |
| 3722 | 02 | 00A9F | 2240001E | A  |
| 3723 | 02 | 00AA0 | 31901492 |    |
| 3724 | 02 | 00AA1 | 69400AA9 |    |
| 3725 | 02 | 00AA2 | 22400000 | A  |
| 3726 | 02 | 00AA3 | 6D000037 | A  |
| 3727 | 02 | 00AA4 | 32800000 | X  |
| 3728 | 02 | 00AA5 | 35300000 | X  |

GRPG1

PG8K

|         |           |
|---------|-----------|
| BAL,R11 | TISTLPP   |
| AI,R3   | 0         |
| BGZ     | PG8K      |
| BEZ     | GRPG1     |
| WD,0    | X'37'     |
| AWM,R3  | SISTLC    |
| BLZ     | *+2       |
| STW,R3  | SISTLC    |
| WD,0    | X'27'     |
| EQU     | \$        |
| CAL1,8  | GTPG      |
| CAL1,8  | FREPG     |
| B       | GRBPG     |
| EQU     | \$        |
| STW,R3  | RB;BUF,R5 |
| STW,R3  | SAD       |
| MTB,7   | SAD       |
| CAL1,8  | SAD       |
| BCR,8   | *+3       |
| CAL1,8  | FVP       |
| B       | *-3       |
| LW,R1   | ZERPTR    |
| MBS,0   | ZERO      |
| LB,R1   | REC+RTY   |
| STW,R1  | VP+RTRY   |
| LI,R1   | 0         |
| LW,R9   | FLAGS     |
| CW,R9   | 2780BIT   |
| BAZ     | H0STCXT   |
| AI,R3   | X'100'    |
| LI,R4   | 37BUFDIF  |
| CW,R9   | 3780BIT   |
| BANZ    | 80*ST2    |
| LI,R4   | 0         |
| WD,0    | X'37'     |
| LW,R8   | SP88L     |
| STW,R3  | SP88L     |

IF WE DIDN'T GET IT  
MUST NOT HAVE FREED IT  
OR LETS SEE DUMP OF LOOP

•  
•  
•

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|      |    |          |          |    |
|------|----|----------|----------|----|
| 3729 | 02 | 00AA6    | 35810100 | A  |
| 3730 | 02 | 00AA7    | 6D000027 | A  |
| 3731 | 02 | 00AA8    | 68000AAB |    |
| 3732 |    | 02 00AA9 |          |    |
| 3733 | 02 | 00AA9    | 22E0001E | A  |
| 3734 | 02 | 00AAA    | 35E1000D | A  |
| 3735 |    | 02 00AAB |          |    |
| 3736 | 02 | 00AAB    | 35190094 | A  |
| 3737 | 02 | 00AAC    | 203FFF26 | A  |
| 3738 | 02 | 00AAD    | 35310003 | A  |
| 3739 | 02 | 00AAE    | 2030006E | A  |
| 3740 | 02 | 00AAF    | 30300004 | A  |
| 3741 | 02 | 00AB0    | 35310026 | A  |
| 3742 | 02 | 00AB1    | 33110024 | A  |
| 3743 | 02 | 00AB2    | 72100257 | 03 |
| 3744 | 02 | 00AB3    | 3511001F | A  |
| 3745 | 02 | 00AB4    | 68000AFA |    |
| 3746 |    | 02 00AB5 |          |    |
| 3747 | 02 | 00AB5    | 351100B7 | A  |
| 3748 | 02 | 00AB6    | 35110193 | A  |
| 3749 | 02 | 00AB7    | 35110049 | A  |
| 3750 | 02 | 00AB8    | 2030004A | A  |
| 3751 | 02 | 00AB9    | 35310007 | A  |
| 3752 | 02 | 00ABA    | 2030006D | A  |
| 3753 | 02 | 00ABB    | 35310003 | A  |
| 3754 | 02 | 00ABC    | 2030006E | A  |
| 3755 | 02 | 00ABD    | 35310002 | A  |
| 3756 | 02 | 00ABE    | 2030006E | A  |
| 3757 | 02 | 00ABF    | 35310125 | A  |
| 3758 | 02 | 00AC0    | 22300002 | A  |
| 3759 | 02 | 00AC1    | 35310015 | A  |
| 3760 | 02 | 00AC2    | 32D0025B | 03 |
| 3761 | 02 | 00AC3    | 35D1000D | A  |
| 3762 | 02 | 00AC4    | 22F001F8 | A  |
| 3763 | 02 | 00AC5    | 66FA0000 | X  |
| 3764 | 02 | 00AC6    | 22000000 | N  |
| 3765 | 02 | 00AC7    | 22F00000 | A  |

|         |         |                 |   |
|---------|---------|-----------------|---|
|         | STW,R8  | VP*X'100'       |   |
|         | WD,0    | X'127'          |   |
|         | B       | 80*ST1          | . |
| 80*ST2  | EQU     | *               | . |
|         | LI,R14  | IRS             | . |
|         | STW,R14 | VP*BCRCB        | . |
| 80*ST1  | EQU     | *               | . |
|         | STW,R1  | VP*SPB*BUFSZ,R4 | . |
|         | AI,R3   | SPB-X'100'      |   |
|         | STW,R3  | VP*HRB          |   |
|         | AI,R3   | BUFSZ           |   |
|         | AW,R3   | R4              |   |
|         | STW,R3  | VP*SPB          |   |
|         | MTW,1   | TTY*VP          |   |
|         | LB,R1   | REC*BUFX        |   |
|         | STW,R1  | VP*CONTCK       |   |
|         | B       | LRR10           |   |
| H*STCXT | EQU     | *               |   |
|         | STW,R1  | VP*BUF2         |   |
|         | STW,R1  | VP*BUF4         |   |
|         | STW,R1  | VP*BUF1         |   |
|         | AI,R3   | BUF1+1          |   |
|         | STW,R3  | VP*CRB          |   |
|         | AI,R3   | BUFSZ=1         |   |
|         | STW,R3  | VP*HRB          |   |
|         | AI,R3   | BUFSZ           |   |
|         | STW,R3  | VP*HBB          |   |
|         | AI,R3   | BUFSZ           |   |
|         | STW,R3  | VP*BUF3         |   |
|         | LI,R3   | ARFCN           |   |
|         | STW,R3  | VP*CFB          |   |
|         | LW,R13  | REC*BCIN        |   |
|         | STW,R13 | VP*BCRCB        |   |
|         | LI,R15  | ACTBIT=LIPBIT   |   |
|         | AWM,R15 | RB:FLAG,R5      |   |
|         | LI,R0   | ML*CTL          |   |
|         | LI,R15  | 0               |   |

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|      |    |          |          |    |
|------|----|----------|----------|----|
| 3766 | 02 | 00AC8    | 31901494 |    |
| 3767 | 02 | 00AC9    | 68400AF4 |    |
| 3768 | 02 | 00ACA    | 31900000 | X  |
| 3769 | 02 | 00ACB    | 69400ACE |    |
| 3770 | 02 | 00ACC    | 32C01230 |    |
| 3771 | 02 | 00ACD    | 68000AF5 |    |
| 3772 |    | 02 00ACE |          |    |
| 3773 | 02 | 00ACE    | 323A0000 | X  |
| 3774 | 02 | 00ACF    | 20300194 | A  |
| 3775 | 02 | 00AD0    | 35310008 | A  |
| 3776 | 02 | 00AD1    | 35F10125 | A  |
| 3777 | 02 | 00AD2    | 1220120A |    |
| 3778 | 02 | 00AD3    | 61200000 | A  |
| 3779 | 02 | 00AD4    | 1220120C |    |
| 3780 | 02 | 00AD5    | 61200000 | A  |
| 3781 | 02 | 00AD6    | 32100295 | 03 |
| 3782 | 02 | 00AD7    | 68300ADA |    |
| 3783 | 02 | 00AD8    | 22200A54 | 03 |
| 3784 | 02 | 00AD9    | 68000AE5 |    |
| 3785 | 02 | 00ADA    | 12201202 |    |
| 3786 | 02 | 00ADB    | 3210025A | 03 |
| 3787 | 02 | 00ADC    | 4B100000 | X  |
| 3788 | 02 | 00ADD    | 68300AE0 |    |
| 3789 | 02 | 00ADE    | 322011F4 |    |
| 3790 | 02 | 00ADF    | 55100173 | 03 |
| 3791 | 02 | 00AE0    | 61200000 | A  |
| 3792 | 02 | 00AE1    | 22200960 | 03 |
| 3793 | 02 | 00AE2    | 323011F2 |    |
| 3794 | 02 | 00AE3    | 61200000 | A  |
| 3795 | 02 | 00AE4    | 2220056B | 03 |
| 3796 |    | 02 00AE5 |          |    |
| 3797 | 02 | 00AE5    | 323011F3 |    |
| 3798 | 02 | 00AE6    | 61200000 | A  |
| 3799 | 02 | 00AE7    | 22240656 | A  |
| 3811 | 02 | 00AE8    | 22900058 | A  |
| 3812 | 02 | 00AE9    | 0950008C | 03 |
| 3813 | 02 | 00AEA    | 22C00000 | A  |

|         |         |                  |
|---------|---------|------------------|
|         | CW,R9   | AL*DCRIT         |
|         | BAZ     | H*STRT2          |
|         | CW,R9   | SLVBIT           |
|         | BANZ    | H*STRT1          |
|         | LW,R12  | MAFCN            |
|         | B       | H*STRT           |
| H*STRT1 | EQU     | *                |
|         | LW,R3   | RBIBUF,R5        |
|         | AI,R3   | BUF4+1           |
|         | STW,R3  | VP+CWB           |
|         | STW,R15 | VP+BUF3          |
|         | LD,R2   | SLSGBPT          |
|         | MBS,R2  | 0                |
|         | LD,R2   | SLSGEPT          |
|         | MBS,R2  | 0                |
|         | LW,R1   | REC+LGN          |
|         | BEZ     | **3              |
|         | LI,R2   | BA(REC+LGN)      |
|         | B       | H*84             |
|         | LD,R2   | RMTCLR           |
|         | LW,R1   | REC+RMT#         |
|         | AND,R1  | M16              |
|         | BEZ     | H*83             |
|         | LW,R2   | RMTPUT           |
|         | STH,R1  | RMTNUM*2         |
| H*83    | MBS,R2  | 0                |
|         | LI,R2   | BA(REC+SG0N)     |
|         | LW,R3   | SLSGSPTR         |
|         | MBS,R2  | 0                |
|         | LI,R2   | SLSGM            |
| H*84    | EQU     | *                |
|         | LW,R3   | SLSGPTTR         |
|         | MBS,R2  | 0                |
|         | LI,R2   | 2+(VP+BUF4+2)**2 |
|         | LI,R9   | SLSGCSZ          |
|         | PSW,R5  | TMPSTK           |
|         | LI,R12  | 0                |

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3814 02 00AEB 6AB00B23  
3815 02 00AEC 0850008C 03  
3816 02 00AED 75C40000 A  
3817 02 00AEE 25C00078 A  
3818 02 00AEF 20200001 A  
3819 02 00AFO 75C40000 A  
3820 02 00AF1 22E00061 A  
3821 02 00AF2 32C01232  
3822 02 00AF3 68000AF5  
3823 02 00AF4  
3824 02 00AF4 32C01231  
3825 02 00AF5  
3826 02 00AF5 32DA0000 X  
3827 02 00AF6 20D00007 A  
3828 02 00AF7 49C00005 A  
3829 02 00AF8 6AB00000 X  
3830 02 00AF9 02000000 A  
3831 02 00AFA  
3832 02 00AFA 048011E7  
3833 02 00AFB 358000DC 03  
3834 02 00AFC  
3835 02 00AFC 12E00254 03  
3836 02 00AFD 15E0022A 03  
3837 02 00AFE 15EA0000 X  
3838 02 00AFF 6A40038F  
3839 02 00B00 35D00234 03  
3840 02 00B01 15200230 03  
3841 02 00B02 22204040 A  
3842 02 00B03 55200230 03  
3843 02 00B04 22100228 03  
3844 02 00B05 6AB00759  
3845 02 00B06 22400130 03  
3846 02 00B07 6A800B60  
3847  
3848  
3849  
3850

BAL,R11 CRCH  
PLW,R5 TMPSTK  
STB,R12 0,R2  
SLS,R12 \*8  
AI,R2 1  
STB,R12 0,R2  
LI,R14 SLGGWSZ  
LW,R12 SLFCN  
B H\*STRT  
EQU \$  
LW,R12 MNFCN  
EQU \$  
LW,R13 RBIBUF,R5  
AI,R13 CRB  
OR,R12 R5  
BAL,R11 NEWGNW  
NBP  
LRR10 EQU \$  
CAL1,8 FVP  
STW,R11 SVZ  
LRR1 EQU \$  
LD,R14 REC+KEY  
STD,R14 Y0UR0N3  
STD,R14 RBD1WSN,R5  
BAL,R4 SETHDR  
STW,R13 Y0UR0N2  
STD,R2 Y0UR0N1  
LI,R2 ! !  
STH,R2 Y0UR0N1  
LI,R1 Y0UR0N  
BAL,R11 MOVEMES  
LI,R4 0NMES  
BAL,R8 TEL\*BP

\*  
\*  
\*B\*  
\*B\*

MESSAGE: \*RBNDD \* WSN \* LOGGED ON

3851  
 3852  
 3853  
 3854  
 3855  
 3856  
 3857  
 3858 02 00B08 3290005A 03  
 3859 02 00B09 6AB00837  
 3860 02 00B0A 68000B10  
 3861 02 00B0B 31901493  
 3862 02 00B0C 684005BF  
 3863 02 00B0D 6A4004E2  
 3864 02 00B0E 224002B9  
 3865 02 00B0F 680005BF  
 3866 02 00B10 LRRD  
 3867 02 00B10 3310004C 03  
 3868 02 00B11 6A80050C  
 3869 02 00B12 3290005A 03  
 3870 02 00B13 31901494  
 3871 02 00B14 69400B16  
 3872 02 00B15 6A80059E  
 3873 02 00B16 20900200 A  
 3874 02 00B17 4B901496  
 3875 02 00B18 22400020  
 3876 02 00B19 31901493  
 3877 02 00B1A 68400707  
 3878 02 00B1B 0940008C 03  
 3879 02 00B1C 680006D3  
 3880 02 00B1D 27LRR  
 3881 02 00B1D 22600001 A  
 3882 02 00B1E 721002AE 03  
 3883 02 00B1F 122002AC 03  
 3884 02 00B20 25200108 A  
 3885 02 00B21 49300001 A  
 3886 02 00B22 680009FD  
 3887

\*0\*  
 \*0\*  
 \*0\*  
 \*0\*  
 \*0\*  
 \*  
 \*

MEANING: THE REMOTE PROCESSING TERMINAL CONNECTED TO R8NDD HAS  
 LOGGED ON AS WORKSTATION WSN

ACTION: NONE - INFORMATION ONLY

LW,R9 FLAGS  
 BAL,R11 ALL1  
 B LRRD  
 CW,R9 SLVXP2BT  
 BAZ STAT  
 BAL,R4 REL  
 LI,R4 FIND1  
 B STAT  
 EQU \$  
 MTW,1 ALLX  
 BAL,R8 CHKSTAT  
 LW,R9 FLAGS  
 CW,R9 ALDCBIT  
 BANZ \$+2  
 BAL,R8 MSG  
 AI,R9 ACTBIT  
 AND,R9 NA0LGBT  
 LI,R4 CTR1  
 CW,R9 SLVXP2BT  
 BAZ FINOUT  
 PSW,R4 TMPSTK  
 B FIASET1  
 EQU \$  
 LI,R6 1  
 LB,R1 ID\*2  
 LD,R2 ID  
 SLD,R2 8  
 BR,R3 R1  
 B LRR3

\*\*\*\*\*

```

3888      02 00B23
3889      02 00B23      22100002 A
3890      02 00B24      72540000 A
3891      02 00B25      21500010 A
3892      02 00B26      68300B2C
3893      02 00B27      72D2000C A
3894      02 00B28      4BC00000 X
3895      02 00B29      4850000C A
3896      02 00B2A      52CA14F2
3897      02 00B2B      48C0000D A
3898      02 00B2C
3899      02 00B2C      20200001 A
3900      02 00B2D      64900B24
3901      02 00B2E      F800000B A
3902
3903      02 00B2F
3904      02 00B2F      22A012A2
3905      02 00B30      68000B34
3906      02 00B31
3907      02 00B31      22A012BB
3908      02 00B32      68000B34
3909      02 00B33
3910      02 00B33      22A012C9
3911      02 00B34
3912      02 00B34      22401245
3913      02 00B35      6A800B65
3914
3915
3916
3917
3918
3919
3920
3921
3922
3923
3924
    
```

```

CRCH      EQU      *
          LI,R1      2
          LB,R5      0,R2
          CI,R5      DLE
          BE         CRCH1
          LB,R13     R12,R1
          AND,R12    M8
          EBR,R5     R12
          LH,R12     CRCTBL,R5
          EBR,R12    R13

CRCH1     EQU      *
          AI,R2      1
          BDR,R9     CRCH+1
          B          *R11
    
```

\*\*\*\*\*

```

NOTID     EQU      *
          LI,R10     NOTIDM
          B          BADRID1

ILID      EQU      *
          LI,R10     ILIDM
          B          BADRID1

SAMID     EQU      *
          LI,R10     SAMIDM

BADRID1   EQU      *
          LI,R4      NOLOGM
          BAL,R8     TEL,OPR1
    
```

```

*
*
*0*      MESSAGE: *RBND0 FAILED TO LOG STATION ON
*0*
*0*      MEANING: AN ATTEMPT TO LOG ON BY THE REMOTE TERMINAL CONNECTED
*0*      TO RBND0 HAS BEEN REJECTED BY THE SYSTEM.
*0*
*0*      ACTION: IF THE MESSAGE IS PROCEEDED BY ANOTHER INDICATING A
*0*      CENTRAL SITE PROBLEM, CORRECT IT. IF THE MESSAGE IS
*0*      REPEATED SEVERAL TIMES DISCONNECT THE LINE
*0*
    
```



```

3925
3926
3927 02 00B36 3290005A 03
3928 02 00B37 32301494
3929 02 00B38 4B3A0000 X
3930 02 00B39 68300B3F
3931 02 00B3A 22200000 A
3932 02 00B3B 472A0000 X
3933 02 00B3C 31900000 X
3934 02 00B3D 69400B42
3935 02 00B3E 6800007F
3936 02 00B3F 00B3F
3937 02 00B3F 2280007F
3938 02 00B40 31901499
3939 02 00B41 68400B45
3940 02 00B42 00B42
3941 02 00B42 22110000 A
3942 02 00B43 471A0000 X
3943 02 00B44 22800020
3944 02 00B45 00B45
3945 02 00B45 3240000A A
3946 02 00B46 32C0122D
3947 02 00B47 68000B90
3948 02 00B48 00B48
3949 02 00B48 22401267
3950 02 00B49 6A800B65
3951
3952
3953
3954
3955
3956
3957
3958
3959
3960
3961
    
```

```

*
*
LW,R9  FLAGS
LW,R3  AL0DCRIT
AND,R3  RBIFLAG,R5
BEZ    BADRID2
LI,R2  0
STS,R2  RBIFLAG,R5
CW,R9  SLVBIT
BANZ   BADRID2A
B      RBDU1
BADRID2 EQU *
LI,R8  RBDU1
CW,R9  BSCBTS
BAZ    BADRID3
BADRID2A EQU *
LI,R1  RBXBIT
STS,R1  RBIFLAG,R5
LI,R8  CTR1
BADRID3 EQU *
LW,R4  R10
LW,R12 RBTMSK
B      TEL0RBT1
N0,STRM EQU *
LI,R4  NSTRMM
BAL,R8 TEL0OPR1
    
```

```

*
*
*0* MESSAGE: *RBND INSUFFICIENT STREAMS
*0*
*0* MEANING: THE REMOTE TERMINAL CONNECTED TO RBND CANNOT BE LOGG
*0* ON BECAUSE IT HAS MORE DEVICES THAN THE REMAINING
*0* SYMBIONT STREAMS ON THE SYSTEM
*0*
*0* ACTION: INFORM THE WORKSTATION THAT HE CANNOT LOG ON AT THIS
*0* TIME. SUPER CAN BE USED TO REMOVE DEVICES FROM THE
*0* WORKSTATION. THIS MESSAGE MAY MEAN THAT NOT ENOUGH
    
```

```

3962
3963
3964
3965
3966      02 00B4A
3967 02 00B4A 22300000 A
3968 02 00B4B 721A0000 X
3969 02 00B4C 724A0000 X
3970 02 00B4D 75180000 X
3971 02 00B4E 68300B50
3972 02 00B4F 75400000 X
3973 02 00B50 753A0000 X
3974 02 00B51 22100000 A
3975 02 00B52 751A0000 X
3976 02 00B53 751A0000 X
3977 02 00B54 72120000 X
3978 02 00B55 68300B58
3979 02 00B56 75320000 X
3980 02 00B57 68000B54
3981 02 00B58 22A012AE
3982 02 00B59 68000B34
3983      02 00B5A
3984 02 00B5A 721A0000 X
3985 02 00B5B 753A0000 X
3986 02 00B5C 72360000 X
3987 02 00B5D 69300B5C
3988 02 00B5E 75160000 X
3989 02 00B5F 68000B48
3990
3991      02 00B60
3992 02 00B60 19500000 X
3993 02 00B61 69900B68
3994      02 00B62
3995 02 00B62 122A0000 X
3996 02 00B63 35280001 A
3997 02 00B64 35380002 A
3998      02 00B65
    
```

```

*0*
*0*
*
*
NO$STRM1 EQU $
          LI,R3 0
          LB,R1 RBB:HFE,R5
          LB,R4 RBB:H0U,R5
          STB,R1 STB:LNK,R4
          BEZ $+2
          STB,R4 STB:LNK
          STB,R3 RBB:ID,R5
          LI,R1 0
          STB,R1 RBB:H0U,R5
          STB,R1 RBB:HFE,R5
          LB,R1 STB:LNK,R1
          BEZ $+3
          STB,R3 SNDDX,R1
          B $=3
          LI,R10 NSTRM
          B BADRID1
NO$STRM5 EQU $
          LB,R1 RBB:HFE,R5
          STB,R3 RBB:HFE,R5
          LB,R3 STB:LNK,R3
          BNEZ $=1
          STB,R1 STB:LNK,R3
          B NO$STRM
*****
TEL$BP EQU $
          CLM,R5 RBLIMS
          BCS,9 TEL$BP1
TEL$BPR EQU $
          LD,R2 RBD:WSN,R5
          STW,R2 SPRID,R4
          STW,R3 SPRID+1,R4
TEL$BPR1 EQU $
    
```

STREAMS WERE SPECIFIED IN THE SYSGEN OF THE SYSTEM. 189

SEND A MESSAGE TO THE OPERATOR  
! THE MESSAGE CAN BE SENT WITH OR WITH  
A DEVICE NAME AND/OR WSN.

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|      |    |       |          |   |
|------|----|-------|----------|---|
| 3999 | 02 | 00B65 | 32F00005 | A |
| 4000 | 02 | 00B66 | 32C0122A |   |
| 4001 | 02 | 00B67 | 68000B69 |   |
| 4002 |    | 02    | 00B68    |   |
| 4003 | 02 | 00B68 | 32C01229 |   |
| 4004 |    | 02    | 00B69    |   |
| 4005 | 02 | 00B69 | 6AB00C0B |   |
| 4006 | 02 | 00B6A | 32B00000 | X |
| 4007 | 02 | 00B6B | 68300B75 |   |
| 4008 | 02 | 00B6C | 82B0000B | A |
| 4009 | 02 | 00B6D | 68300B75 |   |
| 4010 | 02 | 00B6E | 82B0000B | A |
| 4011 | 02 | 00B6F | 68300B75 |   |
| 4012 | 02 | 00B70 | 22B00000 | N |
| 4013 | 02 | 00B71 | 25B0047E | A |
| 4014 | 02 | 00B72 | 20B00000 | N |
| 4015 | 02 | 00B73 | 31B00000 | X |
| 4016 | 02 | 00B74 | 68100B77 |   |
| 4017 | 02 | 00B75 | 048011E4 |   |
| 4018 | 02 | 00B76 | 68000B6A |   |
| 4019 | 02 | 00B77 | 6AB00000 | X |
| 4020 | 02 | 00B78 | 68300B75 |   |
| 4021 | 02 | 00B79 | 3230000E | A |
| 4022 | 02 | 00B7A | 3210000E | A |
| 4023 | 02 | 00B7B | 32200004 | A |
| 4024 | 02 | 00B7C | 25200102 | A |
| 4025 | 02 | 00B7D | 32D00003 | A |
| 4026 | 02 | 00B7E | 20200001 | A |
| 4027 | 02 | 00B7F | F2E00004 | A |
| 4028 | 02 | 00B80 | 4BE00000 | X |
| 4029 | 02 | 00B81 | 75E00003 | A |
| 4030 | 02 | 00B82 | 72B0000C | A |
| 4031 | 02 | 00B83 | 21B00001 | A |
| 4032 | 02 | 00B84 | 69300B89 |   |
| 4033 | 02 | 00B85 | 2200001B | A |
| 4034 | 02 | 00B86 | 75060000 | A |
| 4035 | 02 | 00B87 | 20300001 | A |

TEL\$OP1  
TEL\$HIM

WTQ

|         |            |
|---------|------------|
| LW,R15  | R5         |
| LW,R12  | RTYFCN     |
| B       | *2         |
| EQU     | \$         |
| LW,R12  | LTYFCN     |
| EQU     | \$         |
| BAL,R11 | SVIV       |
| LW,R11  | MP00L      |
| BEZ     | WTQ        |
| LW,R11  | *R11       |
| BEZ     | WTQ        |
| LW,R11  | *R11       |
| BEZ     | WTQ        |
| LI,R11  | *MAXBQ     |
| SAS,R11 | *2         |
| AI,R11  | MAXBQ      |
| CW,R11  | CURBQ      |
| BGE     | *+3        |
| CAL1,8  | WAIT       |
| B       | TEL\$HIM+1 |
| BAL,R11 | GMB        |
| BEZ     | WTQ        |
| LW,R3   | R14        |
| LW,R1   | R14        |
| LW,R2   | R4         |
| SLD,R2  | 2          |
| LW,R13  | R3         |
| AI,R2   | 1          |
| LB,R14  | *R4        |
| AND,R14 | M7         |
| STB,R14 | R3         |
| LB,R11  | R12        |
| CI,R11  | 1          |
| BNE     | TEL\$H1    |
| LI,RO   | X'15'      |
| STB,RO  | O,R3       |
| AI,R3   | 1          |

SEND A MESSAGE VIA NEWQ (NO WAIT)  
!

GET A MONITOR BUFFER AND PUT IN THE  
LINE FEED PRECEDING THE MESSAGE.  
GO TO NEWQNW TO OUTPUT.

101 15140 SEP 08, '75  
 4036 02 00B88 20E00001 A  
 4037 02 00B89  
 4038 02 00B89 61200000 A  
 4039 02 00B8A 22000000 N  
 4040 02 00B8B 6AB00000 X  
 4041 02 00B8C 02000000 A  
 4042 02 00B8D 35B000DC 03  
 4043 02 00B8E F8000008 A  
 4044  
 4045 02 00B8F  
 4046 02 00B8F 32C0122E  
 4047 02 00B90  
 4048 02 00B90 22F00000 A  
 4049 02 00B91  
 4050 02 00B91 30C00005 A  
 4051 02 00B92 68000B69  
 4052  
 4053 02 00B93  
 4054 02 00B93 72F40000 X  
 4055 02 00B94 32D40000 X  
 4056 02 00B95 52C40000 X  
 4057 02 00B96 52B40000 X  
 4058 02 00B97 35B00337 03  
 4059 02 00B98 22B07FFF A  
 4060 02 00B99 48B0000C A  
 4061 02 00B9A 68000B9D  
 4062 02 00B9B  
 4063 02 00B9B 22B00000 A  
 4064 02 00B9C 22C00000 A  
 4065 02 00B9D  
 4066 02 00B9D 22300000 A  
 4067 02 00B9E 35300058 03  
 4068 02 00B9F 72300000 X  
 4069 02 00BA0 203FFFFE A  
 4070 02 00BA1  
 4071 02 00BA1 53060000 X  
 4072 02 00BA2 68100BA5

TEL\$H1 AI,R14 1  
 EQU \$  
 MBS,R2 0  
 LI,R0 RMB  
 BAL,R11 NEWGNW  
 NBP  
 STW,R11 SVZ  
 B \*RB  
 \*\*\*\*\*  
 TEL\$RBT EQU \$ SEND A MESSAGE TO THE RBT DIRECTLY  
 LW,R12 LGNMSK  
 TEL\$RBT1 EQU \$  
 LI,R15 0  
 TEL\$RBT2 EQU \$  
 AW,R12 R5  
 B TEL\$HIM  
 \*\*\*\*\*  
 STRTSYM EQU \$  
 LB,R15 BB:DEV,R2  
 LW,R13 BW:FORM,R2  
 LH,R12 BH:COMID,R2  
 LW,R11 BH:SID,R2  
 STW,R11 COM:DM1  
 LI,R11 X:7FFF'  
 AND,R11 R12  
 B STSM1A  
 STSM1 EQU \$  
 LI,R11 0  
 LI,R12 0  
 STSM1A EQU \$  
 LI,R3 0  
 STW,R3 FRMCK  
 LB,R3 SNDDX  
 AI,R3 \*2  
 STSM2 EQU \$  
 MTH,0 STH:CMDV,R3  
 BGEZ \*+3

SAVE FOR COMODE MESSAGE  
 KNOCK OFF 'LAST CHUNK' FLAG  
 IN CASE WE COME IN FROM AIFNC

|      |    |       |          |    |         |             |
|------|----|-------|----------|----|---------|-------------|
| 4073 | 02 | 00BA3 | 22200000 | A  | LI,R2   | 0           |
| 4074 | 02 | 00BA4 | 55260000 | X  | STH,R2  | STHICMDV,R3 |
| 4075 | 02 | 00BA5 | 21300000 | N  | C1,R3   | MXSTRM      |
| 4076 | 02 | 00BA6 | 682008BD |    | BLE     | STSM3+1     |
| 4077 | 02 | 00BA7 | 72260000 | X  | LB,R2   | SNDDX,R3    |
| 4078 | 02 | 00BA8 | 683008BC |    | BEZ     | STSM3       |
| 4079 | 02 | 00BA9 | 71F60000 | X  | CB,R15  | STBITYP,R3  |
| 4080 | 02 | 00BAA | 693008BC |    | BNE     | STSM3       |
| 4081 | 02 | 00BAB | 70260000 | X  | LC      | SYM X,R3    |
| 4082 | 02 | 00BAC | 698008BC |    | BCS,8   | STSM3       |
| 4083 | 02 | 00BAD | 72260000 | X  | LB,R2   | SSIG,R3     |
| 4084 | 02 | 00BAE | 693008BC |    | BNEZ    | STSM3       |
| 1*   | 02 | 00BAF | 51B60000 | X  | CH,R11  | STHICMDV,R3 |
| 2*   | 02 | 00BB0 | 683008B9 |    | BE      | STSM2A      |
| 3*   | 02 | 00BB1 | 53060000 | X  | MTH,0   | STHICMDV,R3 |
| 4*   | 02 | 00BB2 | 693008BC |    | BNEZ    | STSM3       |
| 5*   | 02 | 00BB3 | 72100000 | X  | LB,R1   | SNDDX       |
| 6*   | 02 | 00BB4 | 641008B6 |    | BDR,R1  | *+2         |
| 7*   | 02 | 00BB5 | 680008B9 |    | B       | STSM2A      |
| 8*   | 02 | 00BB6 | 51B20000 | X  | CH,R11  | STHICMDV,R1 |
| 9*   | 02 | 00BB7 | 683008BC |    | BE      | STSM3       |
| 10*  | 02 | 00BB8 | 680008B4 |    | B       | CMDVCHK     |
| 11*  | 02 | 00BB9 |          |    |         |             |
| 4085 | 02 | 00BB9 | 31D60000 | X  | EQU     | *           |
| 4086 | 02 | 00BBA | 683008BF |    | CW,R13  | STWIFORM,R3 |
| 4087 | 02 | 00BBB | 35300058 | 03 | BE      | SYSG1       |
| 4088 | 02 | 00BBC | 64300BA1 |    | STW,R3  | FRMCK       |
| 4089 | 02 | 00BBD | 32300058 | 03 | BDR,R3  | STSM2       |
| 4090 | 02 | 00BBE | F8300008 | A  | LW,R3   | FRMCK       |
| 4091 | 02 | 00BBF |          |    | BEZ     | *R8         |
| 4092 | 02 | 00BBF | 221000C9 | A  | EQU     | *           |
| 4093 | 02 | 00BC0 |          |    | LI,R1   | !!!         |
| 4094 | 02 | 00BC0 | 6AB00C0B |    | EQU     | *           |
| 4095 | 02 | 00BC1 | 32B000D3 | 03 | BAL,R11 | SVIV        |
| 4096 | 02 | 00BC2 | F9300008 | A  | LW,R11  | RCVRFIG     |
| 4097 | 02 | 00BC3 | 75160000 | X  | BNEZ    | *R8         |
| 4098 | 02 | 00BC4 | 6AB00000 | X  | STB,R1  | SSIG,R3     |
|      |    |       |          |    | BAL,R11 | SAQNSERT    |

DOES THE COMID FOR THIS FILE...  
 ...MATCH THAT FOR THIS DEVICE (YES)  
 NO! IS THE DEVICE IN COMODE  
 SURE IS, & ITS SOMEBODY ELSE'S COMID!  
 LOOK TO SEE IF THIS FILE IS MATCHED  
 ...TO ANY OTHER DEVICE  
 NO! SO START THIS DEVICE IN COMODE  
 KFEP LOOKING...  
 GOT A MATCH, DONT START ANOTHER...  
 ...DEVICE ON THE SAME COMID.

```

4099 02 00BC5 35B0000C 03
4100 02 00BC6 330000F2 03
4101 02 00BC7 F8300008 A
4102 02 00BC8 0950008C 03
4103 02 00BC9 02200020 A
4104 02 00BCA 0B80008C 03
4105 02 00BCB 33F000F2 03
4106 02 00BCC 32F00337 03
4107 02 00BCD 6AB008E1
4108 02 00BCE 35D00337 03
4109 02 00BCF 323000ED 03
4110 02 00BD0 72360000 X
4111 02 00BD1 12E60000 X
4112 02 00BD2 25E00108 A
4113 02 00BD3 22300001 A
4114 02 00BD4 55E6033F 03
4115 02 00BD5 35F00340 03
4116 02 00BD6 22400335 03
4117 02 00BD7 6A800B68
4118 02 00BD8 02200020 A
4119 02 00BD9 0A80008C 03
4120 02 00BDA 0850008C 03
4121 02 00BDB F8000008 A
4122 02 00BDC
4123 02 00BDC 22000000 A
4124 02 00BDD 35000058 03
4125 02 00BDE 32040000 X
4126 02 00BDF 32500003 A
4127 02 00BE0 22E00C51 A
4128 02 00BE1 6AB00601
4129 02 00BE2 68000BE7
4130 02 00BE3 31060000 X
4131 02 00BE4 68300BEA
4132 02 00BE5 35300058 03
4133 02 00BE6 64B00605
4134 02 00BE7
4135 02 00BE7 22500000 N
    
```

PNDBIT

PNBB

```

STW,R11 SVZ
MTW,0 STARTCOM
BEZ +R8
PSW,R5 TMPSTK
LCI 2
PSM,R8 TMPSTK
MTW,-1 STARTCOM
LW,R15 COMODM1
BAL,R11 HEXC
STW,R13 COMODM1
LW,R3 SYMIDX
LB,R3 SNDDX,R3
LD,14 DCT16,R3
SLD,R14 8
LI,R3 1
STH,R14 COMODM2,R3
STW,R15 COMODM3
LI,R4 COMODMSG
BAL,R8 TEL#OP1
LCI 2
PLM,R8 TMPSTK
PLW,R5 TMPSTK
B +R8
EQU *
LI,R0 0
STW,R0 FRMCK
LW,R0 BWIFORM,R2
LW,R5 R3
LI,R14 STPBIT+INBIT+WFBIT+L0CBIT+FMSBIT
BAL,R11 GTDVNM1
B PNBB
CW,R0 STWIFORM,R3
BE PNBB
STW,R3 FRMCK
BDR,R11 GDNN0
EQU *
LI,R5 LCLX
    
```

WAS THIS START OF COMADE  
NOPE

GET HEX SYSID SAVED IN G0F  
CONVERT TO EBCDIC CHARS...  
PLACE IN MESSAGE TEXT

GET DCT INDEX  
DEVICE MNEM  
ALIGN YNDD & SHIFT OFF TAB CHAR

PUT INTO MESSAGE TEXT

PRINT MSG ON BC

H01 15:40 SEP 08, 1978

4136 02 00BE8 32300058 03  
 4137 02 00BE9 F8300008 A  
 4138 02 00BEA 22500000 N  
 4139 02 00BF8  
 4140 02 00BEB 6D000037 A  
 4141 02 00BEC 52F60000 X  
 4142 02 00BED 49F014A2  
 4143 02 00BEE 55F60000 X  
 4144 02 00BEF 6D000027 A  
 4145 02 00BFO F8000008 A  
 4146  
 4147 02 00BF1  
 4148 02 00BF1 22401397  
 4149 02 00BF2 228009BE  
 4150 02 00BF3 68000B68  
 4151  
 4152  
 4153  
 4154  
 4155  
 4156  
 4157  
 4158  
 4159  
 4160  
 4161  
 4162  
 4163 02 00BF4  
 4164 02 00BF4 0940008C 03  
 4165 02 00BF5 5210000F A  
 4166 02 00BF6 4B100000 X  
 4167 02 00BF7 4BF00000 X  
 4168 02 00BF8 32C0122B  
 4169 02 00BF9 30C00001 A  
 4170 02 00BFA 22E00400 A  
 4171 02 00BFB 32D00008 03  
 4172 02 00BFC 25D00002 A

PNB2  
 PNB3  
 LW,R3 FRMCK  
 BEZ \*R8  
 LI,R5 LCLX  
 EQU \$  
 WD,0 X'37'  
 LH,R15 STH,FLG,R3  
 OR,R15 XSTPBIT  
 STH,R15 STH,FLG,R3  
 WD,0 X'27'  
 B \*R8

\*\*\*\*\*;

NB\$JOB  
 EQU \$  
 LI,R4 NOJOBM  
 LI,R8 DELJOB  
 B TEL\$OP1

FOR LOCAL INPUT FILES WITH NO JOB C  
 TELL THE OPERATOR AND DELETE THE FILE

\*  
 \*  
 \*0\*  
 \*0\*  
 \*0\*  
 \*0\*  
 \*0\*  
 \*0\*  
 \*0\*  
 \*0\*  
 \*  
 \*

MESSAGE: \*MISSING JOB COMMAND - JOB IGNORED  
 MEANING: THE JOB JUST READ IN FROM A LOCAL SYMBIONT DEVICE HAD  
 NEITHER A JOB OR NCTL COMMAND AS ITS FIRST CARD  
 ACTION: CORRECT THE PROBLEM AND RE-SUBMIT THE JOB

\*\*\*\*\*

RDDSK  
 EQU \$  
 PSW,R4 TMPSTK  
 LH,R1 R15  
 AND,R1 DCT\$MASK  
 AND,R15 M24  
 LW,R12 DSKFCN  
 AW,R12 R1  
 LI,R14 1024  
 LW,R13 SECT  
 SLS,R13 2

READ A DISC SECTOR  
 I  
 GO TO NEWQ TO READ THE SECTOR WHOS I  
 IN R15. AFTER THE SECTOR IS READ S/  
 FLINK AND MOVE R6 TO POINT TO THE  
 BEGINING OF DATA.

H01 15:40 SEP 08, '75

```

4173 02 00BFD 22000000 A
4174 02 00BFE 6AB00C0B
4175 02 00BFF 6AB00000 X
4176 02 00C00 02000000 A
4177 02 00C01 35B000DC 03
4178 02 00C02 326000D8 03
4179 02 00C03 B2100006 A
4180 02 00C04 31100000 X
4181 02 00C05 68400C07
4182 02 00C06 22100000 A
4183 02 00C07 3510005B 03
4184 02 00C08 20600001 A
4185 02 00C09 0840008C 03
4186 02 00C0A F800000A A
4187
4188 02 00C0B
4189 02 00C0B 330000DC 03
4190 02 00C0C F830000B A
4191 02 00C0D 6D000037 A
4192 02 00C0E 02200000 A
4193 02 00C0F 2B0000DD 03
4194 02 00C10 22B00000 A
4195 02 00C11 35B000DC 03
4196 02 00C12 6D000027 A
4197 02 00C13 F80000E8 03
4198 02 00C14
4199 02 00C14 6AB00C0B
4200 02 00C15 32B000D3 03
4201 02 00C16 F93000D4 03
4202 02 00C17 F8000008 A
4203
4204 02 00C18
4205 02 00C18 22100017 A
4206 02 00C19 75100051 03
4207 02 00C1A 21500000 N
4208 02 00C1B 69300C20
4209 02 00C1C 6A400C46

```

```

LI,R0 0
BAL,R11 SVIV
BAL,R11 NEWQ
NOP
STW,R11 SVZ
LW,R6 SECT
LW,R1 *R6
CW,R1 YFF
BAZ *+2
LI,R1 0
STW,R1 FLINK
AI,R6 1
PLW,R4 TMPSTK
B *R10

```

\*\*\*\*\*

```

SVIV EQU $
MTW,0 SVZ
BEZ *R11
WD,0 X'37'
LCI 0
STM,R0 SVREGS
LI,R11 0
STW,R11 SVZ
WD,0 X'27'
B *SVREG11
SVIV1 EQU $
BAL,R11 SVIV
LW,R11 RCVRFLG
BNEZ *RCVRPTR
B *R8

```

SAVE AN ENVIRONMENT FOR RECOVERY WHEN  
INTO THE MONITOR, SVZ=ZERO WHEN THE  
ENVIRONMENT IS VALID. SVIV1 SAYS TO  
THE CURRENT TASK IF A RECOVERY OCCUR  
IT.

\*\*\*\*\*

```

D0JOB EQU $
LI,R1 JOBCOM
STB,R1 COM
CI,R5 LCLX
BNE NBBRST
BAL,R4 BANNER

```

INITIALIZE INPUT FILE ENTRY.  
IF THE JOB IS LOCAL PUT THE BURST IN  
THE MESSAGE FILE. IN ANY CASE PUT IN  
JOB RECEIPT MESSAGE. THEN PUT THE



H01 15140 SEP 08, '75

|      |    |          |          |    |
|------|----|----------|----------|----|
| 4210 | 02 | 00C1D    | 32200050 | 03 |
| 4211 | 02 | 00C1E    | 303011EA |    |
| 4212 | 02 | 00C1F    | 61200000 | A  |
| 4213 |    | 02 00C20 |          |    |
| 4214 | 02 | 00C20    | 32E00050 | 03 |
| 4215 | 02 | 00C21    | 32F0004F | 03 |
| 4216 | 02 | 00C22    | 69300C24 |    |
| 4217 | 02 | 00C23    | 32F0004D | 03 |
| 4218 | 02 | 00C24    | 3220000F | A  |
| 4219 | 02 | 00C25    | 25F00018 | A  |
| 4220 | 02 | 00C26    | 20F00850 | 03 |
| 4221 | 02 | 00C27    | 61E00000 | A  |
| 4222 | 02 | 00C28    | 32F00054 | 03 |
| 4223 | 02 | 00C29    | 48F00000 | X  |
| 4224 | 02 | 00C2A    | 6AB008E1 |    |
| 4225 | 02 | 00C2B    | 35D00212 | 03 |
| 4226 | 02 | 00C2C    | 2020000F | A  |
| 4227 | 02 | 00C2D    | 75200210 | 03 |
| 4228 | 02 | 00C2E    | 22100210 | 03 |
| 4229 | 02 | 00C2F    | 6AB00759 |    |
| 4230 | 02 | 00C30    | 3220004B | 03 |
| 4231 | 02 | 00C31    | 32400002 | A  |
| 4232 | 02 | 00C32    | 25400002 | A  |
| 4233 | 02 | 00C33    | 20400000 | N  |
| 4234 | 02 | 00C34    | 35400071 | 03 |
| 4235 | 02 | 00C35    | 22100000 | N  |
| 4236 | 02 | 00C36    | 72C20000 | X  |
| 4237 | 02 | 00C37    | 49C00000 | X  |
| 4238 | 02 | 00C38    | F5C20004 | A  |
| 4239 | 02 | 00C39    | 64100C36 |    |
| 4240 | 02 | 00C3A    | 22100000 | N  |
| 4241 | 02 | 00C3B    | 32C20000 | X  |
| 4242 | 02 | 00C3C    | 55C40000 | X  |
| 4243 | 02 | 00C3D    | 22C00000 | A  |
| 4244 | 02 | 00C3E    | 55C40000 | X  |
| 4245 | 02 | 00C3F    | 55C40000 | X  |
| 4246 | 02 | 00C40    | 75C40000 | X  |

N0BRST

|         |             |
|---------|-------------|
| LW,R2   | BCP         |
| AW,R3   | BRSTRTR     |
| MBS,R2  | 0           |
| EQU     | \$          |
| LW,R14  | BCP         |
| LW,R15  | ARG0        |
| BNEZ    | *R          |
| LW,R15  | ARG         |
| LW,R2   | R15         |
| SLS,R15 | 24          |
| AI,R15  | BA(RBJOBM2) |
| MBS,R14 | 0           |
| LW,R15  | CURSID      |
| AND,R15 | M16         |
| BAL,R11 | HEXC        |
| STW,R13 | RBJOBM1     |
| AI,R2   | RBJOBMSZ    |
| STB,R2  | RBJOBM      |
| LI,R1   | RBJOBM      |
| BAL,R11 | MOVEMES     |
| LW,R2   | ADDX        |
| LW,R4   | R2          |
| SLS,R4  | 2           |
| AI,R4   | B4WIRFS     |
| STW,R4  | BADRS       |
| LI,R1   | SVIRSIZ     |
| LB,12   | SB;RBDP,R1  |
| OR,12   | X80         |
| STB,12  | *R4,R1      |
| BDR,R1  | *3          |
| LI,R1   | SVITI       |
| LW,R12  | SLIBDF,R1   |
| STH,R12 | BHITIME,R2  |
| LI,R12  | 0           |
| STH,R12 | BHISLNK,R2  |
| STH,R12 | BH;XLNK,R2  |
| STB,R12 | BBIP1,R2    |

SET DEFAULT VALUES WITH HI-ORDER BIT

H01 15:40 SEP 08, 1975

4247 02 00C41 72CA0000 X  
 4248 02 00C42 75C40000 X  
 4249 02 00C43 32C00054 03  
 4250 02 00C44 55C40000 X  
 4251 02 00C45 680008F4

LB,R12 RBB, ID, R5  
 STB,R12 BBIRID, R2  
 LW,R12 CURSID  
 STH,R12 BHISID, R2  
 B PROCJOB

\*\*\*\*\*

4252 02 00C46  
 4253 02 00C46 22101282  
 4254 02 00C46 6AB00759  
 4255 02 00C47 323A0000 X  
 4256 02 00C48 32E60001 A  
 4257 02 00C49 20EE8002 A  
 4258 02 00C4A 35E60001 A  
 4259 02 00C4B 22100006 A  
 4260 02 00C4C 72120000 X  
 4261 02 00C4D 25100278 A  
 4262 02 00C4E 3010121E  
 4263 02 00C4F 3300005E 03  
 4264 02 00C50 68300C53  
 4265 02 00C51 3010121F  
 4266 02 00C52 35160002 A  
 4267 02 00C53 25300002 A  
 4268 02 00C54 68080000 A  
 4269 02 00C55

BANNER EQU \$  
 LI,R1 120ASTER  
 BAL,R11 MOVEMES  
 LW,R3 RBIMFAD, R5  
 LW,R14 1, R3  
 AI,R14 X'8002' = X'20000'  
 STW,R14 1, R3  
 LI,R1 6  
 LB,R1 TB, SZ, R1  
 SCS,R1 = 8  
 AW,R1 BRSTW2  
 MTW,0 KOMP  
 BEZ \*\*2  
 AW,R1 BRSTWH  
 STW,R1 2, R3  
 SLS,R3 2  
 B 0, R4

\*\*\*\*\*

4270 02 00C56  
 4271 02 00C56 0930008C 03  
 4272 02 00C57 22300000 N  
 4273 02 00C58 72360000 X  
 4274 02 00C59 68300C62  
 4275 02 00C5A 6AB00C0B  
 4276 02 00C5A 328000D3 03  
 4277 02 00C5B 69300C61  
 4278 02 00C5C 22600000 N  
 4279 02 00C5D 6AB00000 X  
 4280 02 00C5E 02200000 A  
 4281 02 00C5F 2A0000DD 03  
 4282 02 00C60 35B000DC 03  
 4283 02 00C61

SYMF EQU \$  
 PSW,R3 TMPSTK  
 LI,R3 R, SYMF  
 LB,R3 SBIRQ, R3  
 BEZ SYMF1+1  
 BAL,R11 SVIV  
 LW,R11 RCVRFLG  
 BNEZ SYMF1  
 LI,R6 E, SYMF  
 BAL,R11 TIRE  
 LCI 0  
 LM,R0 SVREGS  
 SYMF1 STW,R11 SVZ

REPORT SYMFILE AVAILABLE EVENT FOR

COMMUNICATION BUFFERS AND OUTPUT FILE SLOTS.

H01 15140 SEP 08, 175

|      |    |       |          |    |
|------|----|-------|----------|----|
| 4284 | 02 | 00C62 | 0830008C | 03 |
| 4285 | 02 | 00C63 | F8000003 | A  |
| 4286 |    |       |          |    |
| 4287 |    | 02    | 00C64    |    |
| 4288 | 02 | 00C64 | 6820058F |    |
| 4289 | 02 | 00C65 | 21C00050 | A  |
| 4290 | 02 | 00C66 | 6920058F |    |
| 4291 | 02 | 00C67 | 75CA0000 | X  |
| 4292 | 02 | 00C68 | 680008A9 |    |
| 4293 |    | 02    | 00C69    |    |
| 4294 | 02 | 00C69 | 6820058F |    |
| 4295 | 02 | 00C6A | 21C00080 | A  |
| 4296 | 02 | 00C6B | 6920058F |    |
| 4297 | 02 | 00C6C | 75CA0000 | X  |
| 4298 | 02 | 00C6D | 680008A9 |    |
| 4299 |    | 02    | 00C6E    |    |
| 4300 | 02 | 00C6E | 32C00000 | A  |
| 4301 | 02 | 00C6F | 22D00002 | A  |
| 4302 | 02 | 00C70 | 47C0005A | 03 |
| 4303 | 02 | 00C71 | 680008A9 |    |
| 4304 |    | 02    | 00C72    |    |
| 4305 | 02 | 00C72 | 22C00002 | A  |
| 4306 | 02 | 00C73 | 68000C6F |    |
| 4307 |    |       |          |    |
| 4308 |    | 02    | 00C74    |    |
| 4309 | 02 | 00C74 | 22400000 | N  |
| 4310 | 02 | 00C75 | 25E00470 | A  |
| 4311 | 02 | 00C76 | 51E80000 | X  |
| 4312 | 02 | 00C77 | 68300C81 |    |
| 4313 | 02 | 00C78 | 64400C76 |    |
| 4314 | 02 | 00C79 | 21EFF7E3 | A  |
| 4315 | 02 | 00C7A | 68300C7F |    |
| 4316 | 02 | 00C7B | 21EFF9E3 | A  |
| 4317 | 02 | 00C7C | 68300C7F |    |
| 4318 | 02 | 00C7D | 21EFE2D7 | A  |
| 4319 | 02 | 00C7E | 69300579 |    |
| 4320 |    | 02    | 00C7F    |    |

|        |         |            |     |
|--------|---------|------------|-----|
|        | PLW,R3  | TMPSTK     |     |
|        | B       | *R3        |     |
| *****  |         |            |     |
| CP     | EQU     | \$         | I   |
|        | BLEZ    | BADVAL     | I   |
|        | CI,R12  | 80         |     |
|        | BG      | BADVAL     |     |
|        | STB,R12 | RBBICPZ,R5 |     |
|        | B       | COMRET     |     |
| LP     | EQU     | \$         |     |
|        | BLEZ    | BADVAL     |     |
|        | CI,R12  | 128        |     |
|        | BG      | BADVAL     |     |
|        | STB,R12 | RBBILPZ,R5 |     |
|        | B       | COMRET     |     |
| EM     | EQU     | \$         |     |
|        | LW,R12  | 0          |     |
|        | LI,R13  | EMBIT      |     |
|        | STS,R12 | FLAGS      |     |
|        | B       | COMRET     |     |
| NOEM   | EQU     | \$         |     |
|        | LI,R12  | EMBIT      |     |
|        | B       | EM*1       |     |
| *****  |         |            |     |
| CHKRS  | EQU     | \$         |     |
|        | LI,R4   | SVIRBIZ    |     |
|        | SAS,R14 | *16        |     |
|        | CH,R14  | SHIRNM,4   |     |
|        | BE      | RESFOUND   |     |
|        | BDR,4   | *2         |     |
|        | CI,R14  | X1FF7E31   | *7T |
|        | BE      | DUMRES     |     |
|        | CI,R14  | X1FF9E31   | *9T |
|        | BE      | DUMRES     |     |
|        | CI,R14  | X1FE2D71   | *SP |
|        | BNE     | BADBP      |     |
| DUMRES | EQU     | \$         |     |

THE FOLLOWING ROUTINES PROCESS VARI  
ON RBSIZE, LIMIT, AND RES COMMAND

H01 15:40 SEP 08 175  
 4321 02 00C7F 22BFF375 N  
 4322 02 00C80 6800057E  
 4323 02 00C81 35400072 03  
 4324 02 00C81 22BFF37C N  
 4325 02 00C82 6800057E  
 4326 02 00C83 32400072 03  
 4327 02 00C84 51C80000 X  
 4328 02 00C85 6920058C  
 4329 02 00C86 21C0007F A  
 4330 02 00C87 6920058C  
 4331 02 00C88 75C80071 03  
 4332 02 00C8A 680008A9  
 4333 02 00C8B 20C00000 A  
 4334 02 00C8C 6930058C  
 4335 02 00C8D 680008A9  
 4336 02 00C8E 32D00000 X  
 4337 02 00C8F 47D40000 X  
 4338 02 00C90 680008A9  
 4339 02 00C91 32D00000 X  
 4340 02 00C92 68000CBF  
 4341 02 00C93 32D00000 X  
 4342 02 00C94 68000CBF  
 4343 02 00C95 55C40000 X  
 4344 02 00C96 680008A9  
 4345 02 00C97 6A8008A9  
 4346 02 00C98 221000E0 A  
 4347  
 4348  
 4349  
 4350  
 4351  
 4352  
 4353  
 4354  
 4355  
 4356  
 4357

RESFOUND EQU \$  
 STW,R4 RESX  
 LI,R11 \*RESCHK  
 B DOBP\*1  
 RESCHK EQU \$  
 LW,R4 RESX  
 CM,R12 SHIRTOT,R4  
 BG TBGVAL  
 CI,R12 127  
 BG TBGVAL  
 STB,R12 \*BADRS,R4  
 B COMRET  
 DUMRCK EQU \$  
 AI,R12 0  
 BNEZ TBGVAL  
 B COMRET  
 ORDER EQU \$  
 LW,R13 ORDBIT  
 EQU \$  
 ORDN EQU \$  
 STS,R13 BWISDA,R2  
 B COMRET  
 NORDR EQU COMRET  
 ACCNT EQU \$  
 LW,R13 ACCTBIT  
 B ORDN  
 RERUN EQU \$  
 LW,R13 RRBIT  
 B ORDN  
 TIMEL EQU \$  
 STH,R12 BHITIME,R2  
 B COMRET  
 MOUNT EQU \$  
 BAL,R8 COMRET  
 MNT1 EQU \$  
 LI,R1 COBLMSK

TES,ERR

|      |    |       |          |    |         |            |                    |
|------|----|-------|----------|----|---------|------------|--------------------|
| 4358 | 02 | 00C99 | 6A400852 |    | BAL,R4  | TRT        |                    |
| 4359 | 02 | 00C9A | 69800CE8 |    | BCS,EBC | BADSYN     |                    |
| 4360 | 02 | 00C9B | 6A400848 |    | BAL,R4  | GETFLD     |                    |
| 4361 | 02 | 00C9C | 3290024E | 03 | LW,R9   | FLD        |                    |
| 4362 | 02 | 00C9D | 22800000 | A  | LI,R8   | 0          |                    |
| 4363 | 02 | 00C9E | 25800108 | A  | SLD,8   | 8          |                    |
| 4364 | 02 | 00C9F | 22400000 | N  | LI,R4   | BH;XLNK    |                    |
| 4365 | 02 | 00CA0 | 218000E7 | A  | CI,R8   | 'X'        |                    |
| 4366 | 02 | 00CA1 | 68300CA5 |    | BE      | XORS       |                    |
| 4367 | 02 | 00CA2 | 218000E2 | A  | CI,R8   | 'S'        |                    |
| 4368 | 02 | 00CA3 | 69300CB5 |    | BNE     | SKIPSER    |                    |
| 4369 | 02 | 00CA4 | 22400000 | N  | LI,R4   | BH;SLNK    |                    |
| 4370 | 02 | 00CA5 |          |    | EQU     | *          |                    |
| 4371 | 02 | 00CA5 | 35400060 | 03 | STW,R4  | XS         |                    |
| 4372 | 02 | 00CA6 | 52900009 | A  | LW,R9   | R9         | BR S.              |
| 4373 | 02 | 00CA7 | 21904040 | A  | CI,R9   | ' '        | IS THERE DEV. TYPE |
| 4374 | 02 | 00CA8 | 69300CAA |    | BNE     | *+2        |                    |
| 4375 | 02 | 00CA9 | 229FE2D7 | A  | LI,R9   | X'FE2D7'   | SIGN EXTENDED 'SP' |
| 4376 | 02 | 00CAA | 22300000 | N  | LI,R3   | SV;RSIZ    | SEARCH SH;RNM      |
| 4377 | 02 | 00CAB | 51960000 | X  | CH,R9   | SH;RNM,R3  |                    |
| 4378 | 02 | 00CAC | 68300CB0 |    | BE      | FOUND      |                    |
| 4379 | 02 | 00CAD | 64300CAB |    | BDR,3   | *=2        |                    |
| 4380 | 02 | 00CAE | 22800CB5 |    | LI,R8   | SKIPSER    |                    |
| 4381 | 02 | 00CAF | 68000579 |    | B       | BADBP      |                    |
| 4382 | 02 | 00CR0 |          |    | EQU     | *          |                    |
| 4383 | 02 | 00CB0 | 35300061 | 03 | STW,R3  | IJTYPE     |                    |
| 4384 | 02 | 00CB1 | 72360000 | X  | LB,R3   | SB;RTY,R3  |                    |
| 4385 | 02 | 00CB2 | 72360000 | X  | LB,R3   | TBIFLGS,R3 |                    |
| 4386 | 02 | 00CB3 | 213000C0 | A  | CI,R3   | X'CO'      |                    |
| 4387 | 02 | 00CB4 | 68100CB9 |    | BGE     | GETSER     |                    |
| 4388 | 02 | 00CB5 |          |    | EQU     | *          |                    |
| 4389 | 02 | 00CB5 | 22100090 | A  | LI,R1   | PARMSK     |                    |
| 4390 | 02 | 00CB6 | 6A400852 |    | BAL,R4  | TRT        |                    |
| 4391 | 02 | 00CB7 | 69800CE8 |    | BCS,EBC | BADSYN     |                    |
| 4392 | 02 | 00CB8 | 68000CDC |    | B       | ENDC1      |                    |
| 4393 | 02 | 00CB9 |          |    | EQU     | *          |                    |
| 4394 | 02 | 00CB9 | 6A8008A9 |    | BAL,R8  | COMRET     |                    |

XORS

FOUND

SKIPSER

GETSER

BR S.  
IS THERE DEV. TYPE

SIGN EXTENDED 'SP'  
SEARCH SH;RNM

```

4395      02 00CRA
4396      02 00CBA 69800CE8
4397      02 00CBB 22800CD6
4398      02 00CBC 221000E0 A
4399      02 00CBD 6A400852
4400      02 00CBE 2200005C A
4401      02 00CBF 21100004 A
4402      02 00CC0 69200591
4403      02 00CC1 6A400848
4404      02 00CC2 32E0024E 03
4405      02 00CC3 32F00061 03
4406      02 00CC4 52340000 X
4407      02 00CC5 6AB00CEA
4408      02 00CC6 52340000 X
4409      02 00CC7 6AB00CEA
4410      02 00CC8 52100000 X
4411      02 00CC9 69300CCF
4412      02 00CCA 6AB0079C
4413      02 00CCB 2210132B
4414      02 00CCC 3510004A 03
4415      02 00CCD 32B0000A A
4416      02 00CCE 68000759
4417      02 00CCF
4418      02 00CCF 52320000 X
4419      02 00CD0 55300000 X
4420      02 00CD1 02340060 03
4421      02 00CD2 55320000 X
4422      02 00CD3 05140060 03
4423      02 00CD4 35E20000 X
4424      02 00CD5 75F20000 X
4425      02 00CD6
4426      02 00CD6 22800CBA
4427      02 00CD7 221000DF A
4428      02 00CD8 6A400852
4429      02 00CD9 69800CE8
4430      02 00CDA 694008AC
4431      02 00CDB 681007E8
    
```

```

GS1      EQU $
          BCS,EBC BADSYN
          LI,R8 ENDCHK
          LI,R1 COBLMSK
          BAL,R4 TRT
          LI,R0 1*1
          CI,R1 *
          BG BADVAL+2
          BAL,R4 GETFLD
          LW,R14 FLD
          LW,R15 IJTYPE
          LH,R3 BH:SLNK,R2
          BAL,R11 CKSERX
          LH,R3 BH:XLNK,R2
          BAL,R11 CKSERX
          LH,R1 S#H:LNK
          BNEZ NOMORE
          BAL,R11 MOVECC
          LI,R1 NOSERM
          STW,R1 ABBORT
          LW,R11 R10
          B MOVEMES
NOMORE   EQU $
          LH,R3 S#H:LNK,R1
          STH,R3 S#H:LNK
          LH,R3 *XS,R2
          STH,R3 S#H:LNK,R1
          STH,R1 *XS,R2
          STW,R14 S#W:SER,R1
          STB,R15 S#B:TYP,R1
ENDCHK   EQU $
          LI,R8 GS1
          LI,R1 NBPMSK
          BAL,R4 TRT
          BCS,EBC BADSYN
          BCS,COMA COMRET2
          BCR,PAR BADSID2
    
```

```

4432      02 00CnC
4433      02 00CDC      721C0000 A
4434      02 00CDD      2110005D A
4435      02 00CDE      69300CE8
4436      02 00CnF
4437      02 00CDF      20600001 A
4438      02 00CE0      221000DF A
4439      02 00CE1      6A400852
4440      02 00CE2      68100C97
4441      02 00CE3      721C0000 A
4442      02 00CE4      2110005D A
4443      02 00CE5      69300CE8
4444      02 00CE6      2280056D
4445      02 00CE7      680008A9
4446      02 00CF8
4447      02 00CE8      2200007B A
4448      02 00CE9      68000590
4449      02 00CFA
4450      02 00CEA      F830000B A
4451      02 00CEB      31E60000 X
4452      02 00CEC      69300CF7
4453      02 00CED      71F60000 X
4454      02 00CEE      69300CF7
4455      02 00CEF      09A0008C 03
4456      02 00CF0      6AB0079C
4457      02 00CF1      35E00246 03
4458      02 00CF2      22100245 03
4459      02 00CF3      6AB00759
4460      02 00CF4      35B0004A 03
4461      02 00CF5      08A0008C 03
4462      02 00CF6      68000CD6
4463      02 00CF7
4464      02 00CF7      52360000 X
4465      02 00CF8      68000CEA
4466
4467      02 00CF9
4468      02 00CF9      02200020 A
    
```

```

ENDC1      EQU      $
            LB,R1      0,R6
            CI,R1      '))'
            BNE      BADSYN
BUTCHK      EQU      $
            AI,R6      1
            LI,R1      NBPMASK
            BAL,R4     TRT
            BCR,PAR    MOUNT
            LB,R1      0,R6
            CI,R1      '))'
            BNE      BADSYN
            LI,R8      PRBCOP1-1
            B          COMRET
BADSYN      EQU      $
            LI,R0      '!'
            B          BADVAL+1
CKSERX      EQU      $
            BEZ      *R11
            CW,R14     S#WISER,R3
            BNE      CKSR2
            CB,R15     S#BITYP,R3
            BNE      CKSR2
            PSW,R10    TMPSTK
            BAL,R11    MOVECC
            STW,R14    TXNRSN+1
            LI,R1      TXNRSN
            BAL,R11    MOVEMES
            STW,R11    ABORT
            PLW,R10    TMPSTK
            B          ENDCHK
CKSR2      EQU      $
            LH,R3      S#HILNK,R3
            B          CKSERX
*****
GET256      EQU      $
            LCI      2
                                     GET A 256 WORD BUFFER
            I
    
```

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|      |    |       |          |    |
|------|----|-------|----------|----|
| 4469 | 02 | 00CFA | 0B80008C | 03 |
| 4470 | 02 | 00CFB | 328000CF | 03 |
| 4471 | 02 | 00CFC | 68300D0A |    |
| 4472 | 02 | 00CFD | 3270005D | 03 |
| 4473 | 02 | 00CFE | 22900001 | A  |
| 4474 | 02 | 00CFF | A59000CE | 03 |
| 4475 |    | 02    | 00D00    |    |
| 4476 | 02 | 00D00 | 319000CF | 03 |
| 4477 | 02 | 00D01 | 69400D05 |    |
| 4478 | 02 | 00D02 | 20700100 | A  |
| 4479 | 02 | 00D03 | 25900001 | A  |
| 4480 | 02 | 00D04 | 68000D00 |    |
| 4481 |    | 02    | 00D05    |    |
| 4482 | 02 | 00D05 | 489000CF | 03 |
| 4483 |    | 02    | 00D06    |    |
| 4484 | 02 | 00D06 | 359000CF | 03 |
| 4485 | 02 | 00D07 | 02200020 | A  |
| 4486 | 02 | 00D08 | 0A80008C | 03 |
| 4487 | 02 | 00D09 | F8000006 | A  |
| 4488 |    | 02    | 00D0A    |    |
| 4489 | 02 | 00D0A | 048011E2 |    |
| 4490 | 02 | 00D0B | 32700009 | A  |
| 4491 | 02 | 00D0C | 33E000CE | 03 |
| 4492 | 02 | 00D0D | 32900000 | X  |
| 4493 | 02 | 00D0E | 3300005D | 03 |
| 4494 | 02 | 00D0F | 69300D06 |    |
| 4495 | 02 | 00D10 | 3570005D | 03 |
| 4496 | 02 | 00D11 | 68000D06 |    |
| 4497 |    | 02    | 00D12    |    |
| 4498 | 02 | 00D12 | 3860005D | 03 |
| 4499 | 02 | 00D13 | 25600078 | A  |
| 4500 | 02 | 00D14 | 22F00001 | A  |
| 4501 | 02 | 00D15 | A5F000CE | 03 |
| 4502 | 02 | 00D16 | A5F00006 | A  |
| 4503 | 02 | 00D17 | 47F000CF | 03 |
| 4504 |    | 02    | 00D18    |    |
| 4505 | 02 | 00D18 | 32F000CF | 03 |

G1

G2

G3

G4

FRE 256

F1

|         |        |
|---------|--------|
| PSM,R8  | TMPSTK |
| LW,R8   | PGMAP  |
| BEZ     | G4     |
| LW,R7   | FRSTPG |
| LI,R9   | 1      |
| SLS,R9  | *PGCNT |
| EQU     | \$     |
| CW,R9   | PGMAP  |
| BANZ    | G2     |
| AI,R7   | 256    |
| SLS,R9  | 1      |
| B       | G1     |
| EQU     | \$     |
| EBR,R9  | PGMAP  |
| EQU     | \$     |
| STW,R9  | PGMAP  |
| LCI     | 2      |
| PLM,R8  | TMPSTK |
| B       | *R6    |
| EQU     | \$     |
| CAL1,8  | GTPG   |
| LW,R7   | R9     |
| MTW,-2  | PGCNT  |
| LW,R9   | Y8     |
| MTW,0   | FRSTPG |
| BNEZ    | G3     |
| STW,R7  | FRSTPG |
| B       | G3     |
| EQU     | \$     |
| SW,R6   | FRSTPG |
| SLS,R6  | *8     |
| LI,R15  | 1      |
| SLS,R15 | *PGCNT |
| SLS,R15 | *R6    |
| STS,R15 | PGMAP  |
| EQU     | \$     |
| LW,R15  | PGMAP  |

203

PGMAP IS A BIT MAP SHOWING AVAILABLE BUFFERS. THE LOWEST ADDRESSED BUFFER CHOSEN SO THAT HIGHER ONES CAN BE RELEASED SOONER. IF THERE ARE NO CL FREE BUFFERS A PAGE IS OBTAINED AND BROKEN INTO TWO NEW BUFFERS.

-----

FREE A 256 WORD BUFFER

1

THE APPROPRIATE BIT IS SET IN PGMAP SHOWING THAT THE BUFFER IS FREE. THE WHOLE PAGES ARE RELEASED FROM THE TOP OF THE GHOSTS MEMORY UNTIL ONE IS FOUND WHICH HAS AT LEAST ONE BUFFER STILL



4506 02 00D19 F8100004 A  
 4507 02 00D1A 25F00002 A  
 4508 02 00D1B F9800004 A  
 4509 02 00D1C 048011E3  
 4510 02 00D1D 332000CE 03  
 4511 02 00D1E 35F000CF 03  
 4512 02 00D1F 68000D18  
 4513  
 4514 02 00D20  
 4515 02 00D20 358000EF 03  
 4516 02 00D21  
 4517 02 00D21 02200000 A  
 4518 02 00D22 0800008C 03  
 4519 02 00D23 524A0000 X  
 4520 02 00D24 49300054  
 4521 02 00D25 22600000 A  
 4522 02 00D26 33F00000 X  
 4523 02 00D27 68100D30  
 4524 02 00D28 33100000 X  
 4525 02 00D29 32600000 X  
 4526 02 00D2A 33F000C6 03  
 4527 02 00D2B 68100D30  
 4528 02 00D2C 331000C6 03  
 4529 02 00D2D 22401332  
 4530 02 00D2E 22800D8E  
 4531 02 00D2F 68000B68

BGEZ \*R4  
 SLS,R15 2  
 B0D \*R4  
 CAL1,8 FREPG  
 MTW,2 PGCNT  
 STW,R15 PGMAP  
 B F1  
 \*\*\*\*\*  
 WMFF EQU \*  
 STW,R8 WMFA  
 WMF EQU \*  
 LCI 0  
 PSM,R0 TMPSTK  
 LH,R4 RBHIMFX,R5  
 BNEZ WMF5  
 LI,R6 0  
 MTW,-1 BL,0FS  
 BGEZ WMF1  
 MTW,1 BLI0FS  
 LW,R6 MFBIT  
 MTW,-1 MFFS  
 BGEZ WMF1  
 MTW,1 MFFS  
 LI,R4 NOBLM  
 LI,R8 WMFX  
 B TEL00P1

WRITE A MESSAGE FILE  
 !  
 A SLOT AND GRANULE ARE OBTAINED IN  
 POSSIBLE WAY THEN THE ENTRY IS BUILT  
 APPROPRIATE TO THE TYPE OF MESSAGE  
 (REMOTE,RES-ABORT,DISPLAY). THE EN  
 IS CHAINED TO THE MESSAGE FILE PRIOR  
 CHAIN AND THE GRANULE IS WRITTEN.  
 SYMBIONT IS CLOSED WITH A FLINK OF  
 AND MULTI-GRANULE MESSAGE FILES ARE  
 SEPERATE OUTPUT FILES.

4532  
 4533  
 4534  
 4535  
 4536  
 4537  
 4538  
 4539  
 4540  
 4541  
 4542

\*  
 \*  
 \*0\* MESSAGE: OUT OF MFILE SLOTS - MFILE LOST  
 \*0\*  
 \*0\* MEANING: ALL OF THE OUTPUT BATCH QUEUE SLOTS WERE FULL SO A  
 \*0\* MESSAGE FILE (DISPLAY FOR LP OR JOB ABORT LISTING)  
 \*0\* COULD NOT BE OUTPUT  
 \*0\*  
 \*0\* ACTION: NONE - INFORMATION ONLY. IF THIS MESSAGE OCCURS AND  
 \*0\* THE OUTPUT BATCH QUEUE IS NOT FULL THERE IS A SERIOUS  
 \*0\* SYSTEM PROBLEM - ROOT FROM RAD

```

4543
4544
4545
4546      02 00D30
4547      02 00D30 22300025 A
4548      02 00D31 52460024 03
4549      02 00D32 52B80000 X
4550      02 00D33 55B60024 03
4551      02 00D34 554A0000 X
4552      02 00D35 21500000 N
4553      02 00D36 68300D3E
4554      02 00D37 72BA0000 X
4555      02 00D38 721A0000 X
4556      02 00D39 72120000 X
4557      02 00D3A 720A0000 X
4558      02 00D3B 4B100000 A
4559      02 00D3C 22000000 A
4560      02 00D3D 68000D41
4561      02 00D3E
4562      02 00D3E 22B00000 A
4563      02 00D3F 32000054 03
4564      02 00D40 22100006 A
4565      02 00D41
4566      02 00D41 55080000 X
4567      02 00D42 75180000 X
4568      02 00D43 75B80000 X
4569      02 00D44 22A00000 A
4570      02 00D45 35A80000 X
4571      02 00D46 22B00000 N
4572      02 00D47 68300D4A
4573      02 00D48 35A80000 X
4574      02 00D49 75A80000 X
4575      02 00D4A 22A00001 A
4576      02 00D4B 75A80000 X
4577      02 00D4C 55A80000 X
4578      02 00D4D 6AA00D91
4579      02 00D4E 321A0000 X
    
```

\*8\*

\*

\*

WMF1

```

EQU $
LI,R3 FREQ
LH,R4 BH:HPRI,R3
LH,R11 BH:LINK,R4
STH,R11 BH:HPRI,R3
STH,R4 RBH:MFY,R5
CI,R5 LCLX
BE WMF2
LB,R11 RBB:ID,R5
LB,R1 RBB:ISMD,R5
LB,R1 STB:TYP,R1
LB,R0 RBB:DSM,R5
AND,R1 R0
LI,R0 0
B WMF3
EQU $
LI,R11 0
LW,R0 CURSID
LI,R1 6
EQU $
STH,R0 BH:ISID,R4
STB,R1 BB:DEV,R4
STB,R11 BB:IRID,R4
LI,R10 0
STW,R10 BW:FORM,R4
LI,R11 BW:FBVL
BEZ *+3
STW,R10 BW:FBVL,R4
STB,R10 BB:JDF,R4
LI,R10 1
STB,R10 BB:ICOPY,R4
STH,R10 BH:IGRAN,R4
BAL,R10 GGRAN
LW,R1 RB:MFAD,R5
    
```

WMF2

WMF3

\*\*\*\*\*

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|      |    |       |          |    |
|------|----|-------|----------|----|
| 4580 | 02 | 00D4F | 35820000 | A  |
| 4581 | 02 | 00D50 | 30800006 | A  |
| 4582 | 02 | 00D51 | 35880000 | X  |
| 4583 | 02 | 00D52 | 22200000 | A  |
| 4584 | 02 | 00D53 | 352200FF | A  |
| 4585 | 02 | 00D54 |          |    |
| 4586 | 02 | 00D54 | 326A0000 | X  |
| 4587 | 02 | 00D55 | 329C0000 | A  |
| 4588 | 02 | 00D56 | 328000EF | 03 |
| 4589 | 02 | 00D57 | 48300D5F |    |
| 4590 | 02 | 00D58 | 21900001 | A  |
| 4591 | 02 | 00D59 | 48400D5D |    |
| 4592 | 02 | 00D5A | 4AA00D91 |    |
| 4593 | 02 | 00D5B | 53180000 | X  |
| 4594 | 02 | 00D5C | 48000D5F |    |
| 4595 | 02 | 00D5D | 32800009 | A  |
| 4596 | 02 | 00D5E | 20800001 | A  |
| 4597 | 02 | 00D5F |          |    |
| 4598 | 02 | 00D5F | 22A00D72 |    |
| 4599 | 02 | 00D60 |          |    |
| 4600 | 02 | 00D60 | 22100040 | A  |
| 4601 | 02 | 00D61 | 20700001 | A  |
| 4602 | 02 | 00D62 | 751E0000 | A  |
| 4603 | 02 | 00D63 |          |    |
| 4604 | 02 | 00D63 | 358C0000 | A  |
| 4605 | 02 | 00D64 | 32F00009 | A  |
| 4606 | 02 | 00D65 | 52800009 | A  |
| 4607 | 02 | 00D66 | 48800000 | X  |
| 4608 | 02 | 00D67 | 32C0122F |    |
| 4609 | 02 | 00D68 | 30C00008 | A  |
| 4610 | 02 | 00D69 | 32DA0000 | X  |
| 4611 | 02 | 00D6A | 25D00002 | A  |
| 4612 | 02 | 00D6B | 22E00400 | A  |
| 4613 | 02 | 00D6C | 22000000 | A  |
| 4614 | 02 | 00D6D | 4AB00C0B |    |
| 4615 | 02 | 00D6E | 4AB00000 | X  |
| 4616 | 02 | 00D6F | 02000000 | A  |

WMF5

WMF6

WMF5

WMF7

|         |            |
|---------|------------|
| STW,R8  | 0,R1       |
| AW,R8   | R6         |
| STW,R8  | BWISDA,R4  |
| LI,R2   | 0          |
| STW,R2  | 255,R1     |
| EQU     | \$         |
| LW,R6   | RBIMFAD,R5 |
| LW,R9   | 0,R6       |
| LW,R8   | WMFA       |
| BEZ     | WMF6       |
| CI,R9   | 1          |
| BAZ     | \$+4       |
| BAL,R10 | GGRAN      |
| MTH,1   | BHIGRAN,R4 |
| B       | WMF6       |
| LW,R8   | R9         |
| AT,R8   | 1          |
| EQU     | \$         |
| LI,R10  | WMF8       |
| EQU     | \$         |
| LI,R1   | X'40'      |
| AT,R7   | 1          |
| STB,R1  | 0,R7       |
| EQU     | \$         |
| STW,R8  | 0,R6       |
| LW,R15  | R9         |
| LW,R8   | R9         |
| AND,R8  | DCT,MASK   |
| LW,R12  | WDSKFCN    |
| AW,R12  | R8         |
| LW,R13  | RBIMFAD,R5 |
| SLS,R13 | 2          |
| LI,R14  | 1024       |
| LI,R0   | 0          |
| BAL,R11 | SVIV       |
| BAL,R11 | NEWQ       |
| NBP     |            |

\*\*\*\*\*RCVRY\*\*\*\*\*

```

4617 02 00D70 35B000DC 03
4618 02 00D71 F800000A A
4619 02 00D72 00D72 WMF8
4620 02 00D72 359C00FF A
4621 02 00D73 22900000 A
4622 02 00D74 469000EF 03
4623 02 00D75 69300D8E
4624 02 00D76 522A0000 X
4625 02 00D77 6A800DA6
4626 02 00D78 221000FF A
4627 02 00D79 CB100002 03
4628 02 00D7A 21100009 A
4629 02 00D7B 69300D83
4630 02 00D7C 32100000 X
4631 02 00D7D 35140000 X
4632 02 00D7E 22100004 A
4633 02 00D7F 75140000 X
4634 02 00D80 22100022 A
4635 02 00D81 22800D8E
4636 02 00D82 68000389
4637 02 00D83 00D83 GINCWMF
4638 02 00D83 22100021 A
4639 02 00D84 6A800389
4640 02 00D85 22800D8E
4641 02 00D86 21500000 N
4642 02 00D87 68300B93
4643 02 00D88 723A0000 X
4644 02 00D89 22100002 A
4645 02 00D8A 51160000 X
4646 02 00D8B 68400BEB
4647 02 00D8C 72160000 X
4648 02 00D8D 68300BBF
4649 02 00D8E 00D8E WMFX
4650 02 00D8E 02200000 A
4651 02 00D8F 0A00008C 03
4652 02 00D90 F8000008 A
4653 02 00D91 00D91 GGRAN
    
```

```

STW,R11 SVZ
B *R10
EQU *
STW,R9 255,R6
LI,R9 0
XW,R9 WMFA
BNEZ WMFX
LH,R2 RBHIMFX,R5
BAL,R8 CLEARMF
LI,R1 XIFFI
AND,R1 *SVCBF
CI,R1 9 GIFNC GFC
BNE GINCWMF
LW,R1 S;DSPKEY
STW,R1 BWIFORM,R2
LI,R1 4
STB,R1 BB;DEV,R2
LI,R1 NCIPRI
LI,R8 WMFX
B ADDIT
EQU *
LI,R1 MFPRI
BAL,R8 ADDIT
LI,R8 WMFX
CI,R5 LCLX
BE STRTSYM
LB,R3 RBB;SMD,R5
LI,R1 @CBIT
CH,R1 STH;FLG,R3
BAZ PNB3
LB,R1 SSIG,R3
BEZ SYSG1
EQU *
LCI 0
PLM,R0 TMPSTK
B *R8
EQU *
    
```

```

* MASK FOR GFC
* GET CUR GFC
* IS IT GIFNC
* NOPE CONTINUE
* GET MAGIC NAME
* .MARK IT
* SET TO 'CRI' NCTL
*
* MOVE ENTRY TO NCTL CHAIN
* SET ADDIT EXIT TO WMF XIT
*
*
    
```

.....

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```

4654 02 00D91 6AB00C0B
4655 02 00D92 22070B00 A
4656 02 00D93 6AB00000 X
4657 02 00D94 69300D97
4658 02 00D95 048011E4
4659 02 00D96 68000D92
4660 02 00D97 358000DC 03
4661 02 00D98 F800000A A
4662 02 00D99
4663 02 00D99 52AA0000 X
4664 02 00D9A 68300DA6
4665 02 00D9B 02200020 A
4666 02 00D9C 0880008C 03
4667 02 00D9D 22800000 A
4668 02 00D9E 326A0000 X
4669 02 00D9F 329C0000 A
4670 02 00DA0 6AA00D63
4671 02 00DA1 522A0000 X
4672 02 00DA2 22100023 A
4673 02 00DA3 6AB00389
4674 02 00DA4 02200020 A
4675 02 00DA5 0A80008C 03
4676 02 00DA6
4677 02 00DA6 22600000 A
4678 02 00DA7 556A0000 X
4679 02 00DA8 466A0000 X
4680 02 00DA9 F8300008 A
4681 02 00DAA 0980008C 03
4682 02 00DAB 6A400D12
4683 02 00DAC 0880008C 03
4684 02 00DAD F8000008 A
4685 02 00DAE
4686 02 00DAE 3590005A 03
4687 02 00DAE 21900208 A
4688 02 00DAF 68400DB9
4689 02 00DB0
4690 02 00DB1 31900000 X
    
```

```

BAL,R11 SVIV
LI,R0 XI70B00!
BAL,R11 GBG
BNEZ $+3
CAL1,8 WAIT
B GGRAN+1
STW,R8 SVZ
B *R10
RELMF EQU $
LH,R10 RBH:MFX,R5
BEZ CLEARMF
LCI 2
PSM,R8 TMPSTK
LI,R8 0
LW,R6 RB:MFX,R5
LW,R9 0,R6
BAL,R10 WMF7
LH,R2 RBH:MFX,R5
LI,R1 DELPR1
BAL,R8 ADDIT
LCI 2
PLM,R8 TMPSTK
CLEARMF EQU $
LI,R6 0
STH,R6 RBH:MFX,R5
XW,R6 RB:MFX,R5
BEZ *R8
PSW,R8 TMPSTK
BAL,R4 FRE256
PLW,R8 TMPSTK
B *R8
*****
RB$HU EQU $ REMOTE BATCH HANG UP
STW,R9 FLAGS
CI,9 ACTBIT,LIPBIT ;
BAZ HU1
CW,R9 DIALBIT
    
```

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4691 02 00DB2 69400DB5  
 4692 02 00DB3 22100040 A  
 4693 02 00DB4 471A0000 X  
 4694 02 00DB5 21940000 A  
 4695 02 00DB6 68400DB9  
 4696 02 00DB7 2240126D  
 4697 02 00DB8 6A800B65

BAN2 \$+3  
 LI,R1 0ADBIT  
 STS,R1 RBIFLAG,R5  
 CI,R9 EDISBIT  
 BAZ HU1  
 LI,R4 EDISM  
 BAL,R8 TEL,OPR1

4698  
 4699  
 4700  
 4701  
 4702  
 4703  
 4704  
 4705  
 4706  
 4707  
 4708  
 4709

\*  
 \*  
 \*B\*  
 \*B\*  
 \*B\*  
 \*B\*  
 \*B\*  
 \*B\*  
 \*B\*  
 \*B\*  
 \*  
 \*

MESSAGE: \*RBNDN ERROR MAX  
 MEANING: RBNDN IS ABOUT TO BE DISCONNECTED BECAUSE THE MAXIMUM  
 LINE ERRORS WERE EXCEEDED  
 ACTION: IF THIS OCCURS REPEATEDLY ON THE SAME LINE INVESTIGATE  
 THE MODEMS AND DATA SET CONTROLLERS

4710 02 00DB9  
 4711 02 00DB9 723A0000 X  
 4712 02 00DBA 68300DE4  
 4713 02 00DBB 22100021 A  
 4714 02 00DBC 22B00DBF  
 4715 02 00DBD 68000839  
 4716 02 00DBE 68000DC2  
 4717 02 00DBF 21100021 A  
 4718 02 00DC0 68300540  
 4719 02 00DC1 680004D6  
 4720 02 00DC2  
 4721 02 00DC2 72400000 X  
 4722 02 00DC3 68300DC8  
 4723 02 00DC4 72A80000 X  
 4724 02 00DC5 68300DC8  
 4725 02 00DC6 3240000A A  
 4726 02 00DC7 68000DC4  
 4727 02 00DC8

HU1  
 HU2  
 GOTTAIL

EQU \$  
 LB,R3 RBB:ID,R5  
 BEZ HU25  
 LI,R1 MFPRI  
 LI,R11 \$+3  
 B ALL2  
 B HU2  
 CI,R1 MFPRI  
 BE DEL  
 B HLD  
 EQU \$  
 LB,R4 STB:LNK  
 BEZ GOTTAIL  
 LB,R10 STB:LNK,R4  
 BEZ GOTTAIL  
 LW,R4 R10  
 B \$=3  
 EQU \$

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4728 02 00DC8 31901490  
 4729 02 00DC9 68400DD0  
 4730 02 00DCA 723A0000 X  
 4731 02 00DCB 69300DCE  
 4732 02 00DCC 723A0000 X  
 4733 02 00DCD 68300DD0  
 4734 02 00DCE 048011E4  
 4735 02 00DCF 68000DC8  
 4736 02 00Dn0  
 4737 02 00DD0 723A0000 X  
 4738 02 00DD1 68300DE2  
 4739 02 00DD2 72A60000 X  
 4740 02 00DD3 75AA0000 X  
 4741 02 00DD4 72A60000 X  
 4742 02 00DD5 69300DD8  
 4743 02 00Dn6  
 4744 02 00DD6 22A00000 A  
 4745 02 00DD7 75A60000 X  
 4746 02 00DD8 75380000 X  
 4747 02 00DD9 32400003 A  
 4748 02 00DDA 68000DD0  
 4749 02 00DnB  
 4750 02 00DDB 72A60000 X  
 4751 02 00DDC 69300DD6  
 4752 02 00DDD 52160000 X  
 4753 02 00DDE 68300DD6  
 4754 02 00DDF 221000D8 A  
 4755 02 00DE0 22800DD6  
 4756 02 00DE1 68000BC0  
 4757 02 00DF2  
 4758 02 00DE2 22300000 A  
 4759 02 00DE3 75380000 X  
 4760 02 00DF4  
 4761 02 00DE4 31901499  
 4762 02 00DES 68400DFA  
 4763 02 00DE6 6AB00COB  
 4764 02 00DE7 463A0000 X

CW,R9 HASPBIT  
 BAZ GTT1  
 LB,R3 RBB,HOU,R5  
 BNEZ \*+3  
 LB,R3 RBB:MIN,R5  
 BEZ GTT1  
 CAL1,8 WAIT  
 B GOTTAIL  
 EQU \*  
 LB,R3 RBB:HFE,R5  
 BEZ SYMD8N  
 LB,R10 STB,LNK,R3  
 STB,R10 RBB:HFE,R5  
 LB,R10 SSIG,R3  
 BNEZ FXSYM  
 EQU \*  
 LI,R10 0  
 STB,R10 STB:TYP,R3  
 STB,R3 STB:LNK,R4  
 LW,R4 R3  
 B GTT1  
 EQU \*  
 LB,R10 SSTAT,R3  
 BNEZ CLSSYM  
 LM,R1 SCNTXT,R3  
 BEZ CLSSYM  
 LI,R1 'Q'  
 LI,R8 CLSSYM  
 B SYSG  
 EQU \*  
 LI,R3 0  
 STB,R3 STB:LNK,R4  
 EQU \*  
 CW,R9 BSCBTS  
 BAZ HU3  
 BAL,R11 SVIV  
 XW,R3 RB:BUF,R5

GTT1

CLSSYM

FXSYM

SYMD8N

HU25

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4765 02 00DE8 68300DFA  
 4766 02 00DE9 31901491  
 4767 02 00DEA 68400DF9  
 4768 02 00DEB 31901492  
 1\* 02 00DEC 68400DEF  
 2\* 02 00DED 38901492  
 3\* 02 00DEE 68000DF9  
 4773 02 00DEF 353000F0 03  
 4774 02 00DF0 737000F0 03  
 4775 02 00DF1 048000F0 03  
 4776 02 00DF2 6D000037 A  
 4777 02 00DF3 32800000 X  
 4778 02 00DF4 35810000 A  
 4779 02 00DF5 35300000 X  
 4780 02 00DF6 6D000027 A  
 4781 02 00DF7 048011E7  
 4782 02 00DF8 68000DFA  
 4783 02 00DF9 6AB00000 X  
 4784 02 00DFA 000DFA  
 4785 02 00DFB 35B0000C 03  
 4786 02 00DFC 6A800D99  
 4787 02 00DFD 22600000 A  
 4788 02 00DFE 756A0000 X  
 4789 02 00DFE 756A0000 X  
 4790 02 00DFE 756A0000 X  
 4791 02 00E00 756A0000 X  
 4792 02 00E01 756A0000 X  
 4793 02 00E02 756A0000 X  
 4794 02 00E03 31901490  
 4795 02 00E04 69400E09  
 4796 02 00E05 22100050 A  
 4797 02 00E06 751A0000 X  
 4798 02 00E07 22100078 A  
 4799 02 00E08 751A0000 X  
 4800 02 00E09 00E09  
 1\* 02 00E09 21900208 A  
 4802 02 00E0A 68400020

HU3

HU4

BEZ HU3  
 CW,R9 2780BIT  
 BAZ HU3-1  
 CW,R9 3780BIT  
 BAZ \*+3  
 SW,R9 3780BIT  
 B HU3-1  
 STW,R3 SAD  
 MTB,7 SAD  
 CAL1,8 SAD  
 WD,0 X1371  
 LW,R8 SP06L  
 STW,R8 VP  
 STW,R3 SP06L  
 WD,0 X1271  
 CAL1,8 FVP  
 B HU3  
 BAL,R11 T,RSPP  
 EQU \$  
 STW,R11 SVZ  
 BAL,R8 RELMF  
 LI,R6 0  
 STB,R6 RBB,1D,R5  
 STB,R6 RBB,ISM,D,R5  
 STB,R6 RBB,1H0U,R5  
 STB,R6 RBB,1HIN,R5  
 STB,R6 RBB,1HFE,R5  
 STB,R6 RBB,1BCB,R5  
 CW,R9 HASPBIT  
 BANZ HU4  
 LI,R1 80  
 STB,R1 RBB,1CPZ,R5  
 LI,R1 120  
 STB,R1 RBB,1LPZ,R5  
 EQU \$  
 CI,R9 ACTBIT+LIPBIT  
 BAZ CTR1



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```

4803 02 00E0B 32901498
4804 02 00E0C 489A0000 X
4805 02 00E0D 21900040 A
4806 02 00E0E 68400E10
4807 02 00E0F 2091FFC0 A
4808 02 00E10 21901490
4809 02 00E11 68400E19
4810 02 00E12 22100000 N
4811 02 00E13 68300E19
4812 02 00E14 351A0000 X
4813 02 00E15 22100000 N
4814 02 00E16 351A0000 X
4815 02 00E17 38901490
4816 02 00E18 49901491
4817 02 00E19 00E19
4818 02 00E19 359A0000 X
4819 02 00E1A 22401263
4820 02 00E1B 22800020
4821 02 00E1C 68000B65
4822
4823
4824
4825
4826
4827
4828
4829
4830
4831
4832
4833
4834 02 00E1D
4835 02 00E1D 22500000 N
4836 02 00E1E 323011EC
4837 02 00E1F 6AA00E3F
4838 02 00E20 22100000 N
4839 02 00E21 68300020

```

```

LW,R9 SGBITS
AND,R9 RBIFLAG,R5
CI,R9 0ADBIT
BAZ $+2
AI,R9 0FFBIT,0ADBIT
CW,R9 HASPBIT
BAZ HU$5
LI,R1 278018
BEZ HU$5
STW,R1 DCT8,R5
LI,R1 2780CU
STW,R1 DCT9,R5
SW,R9 HASPBIT
OR,R9 2780BIT
HU$5 EQU $
STW,R9 RBIFLAG,R5
LI,R4 HUMES
LI,R8 CTR1
B TEL#0PR1

```

```

*
*
*8* MESSAGE: *RBNDD DISCONNECTED
*8*
*8* MEANING: THE REMOTE TERMINAL CONNECTED TO RBNDD HAS DISCONNECTED
*8* OR BEEN DISCONNECTED BY THE SYSTEM
*8*
*8* ACTION: NONE - INFORMATION ONLY
*8*
*
*

```

```

*****
KBCST EQU $ PROCESS RBBDCST KEYIN VIA KMES
LI,R5 LCLX
LW,R3 BCSTPTR
BAL,R10 KMES
LI,R1 ML#CTL
BEZ CTR1

```

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|      |    |       |           |    |
|------|----|-------|-----------|----|
| 4840 | 02 | 00E22 | 22D00002  | A  |
| 4841 | 02 | 00E23 | 32500000  | X  |
| 4842 | 02 | 00E24 | 68000E26  |    |
| 4843 |    | 02    | 00E25     |    |
| 4844 | 02 | 00E25 | 205FFFFFF | A  |
| 4845 | 02 | 00E26 | 31500001  | N  |
| 4846 | 02 | 00E27 | 69100E3B  |    |
| 4847 | 02 | 00E28 | 72AA0000  | X  |
| 4848 | 02 | 00E29 | 68300E25  |    |
| 4849 | 02 | 00E2A | 722A0000  | X  |
| 4850 | 02 | 00E2B | 68300E25  |    |
| 4851 | 02 | 00E2C | 51D40000  | X  |
| 4852 | 02 | 00E2D | 68400E25  |    |
| 4853 | 02 | 00E2E | 321000EE  | 03 |
| 4854 | 02 | 00E2F | 69300E38  |    |
| 4855 | 02 | 00E30 | 322011EC  |    |
| 4856 | 02 | 00E31 | 323011ED  |    |
| 4857 | 02 | 00E32 | 75400003  | A  |
| 4858 | 02 | 00E33 | 61200000  | A  |
| 4859 | 02 | 00E34 | 2040000B  | A  |
| 4860 | 02 | 00E35 | 754001F9  | 03 |
| 4861 | 02 | 00E36 | 221001F9  | 03 |
| 4862 | 02 | 00E37 | 351000EE  | 03 |
| 4863 |    | 02    | 00E38     |    |
| 4864 | 02 | 00E38 | 6AB00759  |    |
| 4865 | 02 | 00E39 | 22800E28  |    |
| 4866 | 02 | 00E3A | 68000D21  |    |
| 4867 |    | 02    | 00E3B     |    |
| 4868 | 02 | 00E3B | 22500000  | N  |
| 4869 | 02 | 00E3C | 22400000  | A  |
| 4870 | 02 | 00E3D | 354000EE  | 03 |
| 4871 | 02 | 00E3E | 68000020  |    |
| 4872 |    | 02    | 00E3F     |    |
| 4873 | 02 | 00E3F | 6A800C14  |    |
| 4874 | 02 | 00E40 | 32F00003  | A  |
| 4875 | 02 | 00E41 | 22204A1D  |    |
| 4876 | 02 | 00E42 | 61200000  | A  |

KBW1

KBH2

KBHD

KMES

|         |              |
|---------|--------------|
| LI,R13  | 0CBIT        |
| LW,R5   | RBLIMS       |
| B       | *+2          |
| EQU     | \$           |
| AI,R5   | =1           |
| CW,R5   | RBLIMS+1     |
| BL      | KBHD         |
| LB,R10  | RBB:ID,R5    |
| BFZ     | KBH1         |
| LB,R2   | RBB:SMO,R5   |
| BFZ     | KBH1         |
| CH,R13  | STH:FLG,R2   |
| BAZ     | KBH1         |
| LW,R1   | CCTMP        |
| BNEZ    | KBH2         |
| LW,R2   | BCSTPTR      |
| LW,R3   | SNDPTR       |
| STB,R4  | R3           |
| MBS,R2  | 0            |
| AI,R4   | 0PMSZ        |
| STB,R4  | 0PMES        |
| LI,R1   | 0PMES        |
| STW,R1  | CCTMP        |
| EQU     | \$           |
| BAL,R11 | MOVEMES      |
| LI,R8   | KBH1         |
| B       | WMF          |
| EQU     | \$           |
| LI,R5   | LCLX         |
| LI,R4   | 0            |
| STW,R4  | CCTMP        |
| B       | CTR1         |
| EQU     | \$           |
| BAL,R8  | SVIV1        |
| LW,R15  | R3           |
| LI,R2   | BA(80BLNK)+1 |
| MBS,R2  | 0            |

MOVE KEYIN MESSAGE TO APPROPRIATE B  
 !  
 THE BUFFER IS BLANK FILLED THEN THE  
 (IF ANY) IS MOVED IN AND THE MONITOR  
 BUFFER IS RELEASED

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4877 02 00E43 32EE0002 A  
 4878 02 00E44 F830000A A  
 4879 02 00E45 F240000E A  
 4880 02 00E46 25E00002 A  
 4881 02 00E47 20E00001 A  
 4882 02 00E48 7540000F A  
 4883 02 00E49 61E00000 A  
 4884 02 00E4A 32EE0002 A  
 4885 02 00E4B 6AB00000 X  
 4886 02 00E4C 35B0000C 03  
 4887 02 00E4D F800000A A  
 4888 02 00E4E 323011ED  
 4889 02 00E4F 6AA00E3F  
 4890 02 00E50 723A0000 X  
 4891 02 00E51 68300020  
 4892 02 00E52 2040000B A  
 4893 02 00E53 754001F9 03  
 4894 02 00E54 221001F9 03  
 4895 02 00E55 22C00020  
 4896 02 00E56 0910008C 03  
 4897 02 00E57 6A4003BF  
 4898 02 00E58 3240000C A  
 4899 02 00E59 0810008C 03  
 4900 02 00E5A 6AB00759  
 4901 02 00E5B 3140000C A  
 4902 02 00E5C F930000C A  
 4903 02 00E5D 6800070F  
 4904  
 4905  
 4906  
 4907 02 00E5E 323011EE  
 4908 02 00E5F 6AA00E3F  
 4909 02 00E60 723A0000 X  
 4910 02 00E61 68300020  
 4911 02 00E62 754002AC 03  
 4912 02 00E63 31901493

KSEND

0NEMES

KCOM

LW,R14 2,R7  
 BEZ \*R10  
 LB,R4 \*R14  
 SLS,R14 2  
 AI,R14 1  
 STB,R4 R15  
 MBS,R14 0  
 LW,R14 2,R7  
 BAL,R11 RMB  
 STW,R11 SVZ  
 B \*R10  
 EQU \$  
 LW,R3 SNDPTR  
 BAL,R10 KMES  
 LB,R3 RBB:ID,R5  
 BEZ CTR1  
 AI,R4 0PMSZ  
 STB,R4 0PMES  
 LI,R1 0PMES  
 LI,R12 CTR1  
 EQU \$  
 PSW,R1 TMPSTK  
 BAL,R4 SETHDR  
 LW,R4 R12  
 PLW,R1 TMPSTK  
 BAL,R11 MOVEMES  
 CW,R4 R12  
 BNE \*R12  
 B FINWRT  
 \*\*\*\*\*!  
 EQU \$  
 LW,R3 IDCpTR  
 BAL,R10 KMES  
 LB,R3 RBB:ID,R5  
 BEZ CTR1  
 STB,R4 ID  
 CW,R9 SLVXP2BT

.....  
 PROCESS RBSFND KEYIN  
 GO TO KMES TO PUT THE MESSAGE IN THE  
 MESSAGE. MOVE THE MESSAGE TO THE MF

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|      |    |       |          |    |
|------|----|-------|----------|----|
| 4914 | 02 | 00E64 | 68400E87 |    |
| 4915 | 02 | 00E65 | 221002AC | 03 |
| 4916 | 02 | 00E66 | 723A0000 | X  |
| 4917 | 02 | 00E67 | 68300E6D |    |
| 4918 | 02 | 00E68 | 22200002 | A  |
| 4919 | 02 | 00E69 | 81260000 | X  |
| 4920 | 02 | 00E6A | 68400E6D |    |
| 4921 | 02 | 00E6B | 22C00020 |    |
| 4922 | 02 | 00E6C | 68000E56 |    |
| 4923 |    | 02    | 00E6D    |    |
| 4924 | 02 | 00E6E | 22CFD6C3 | A  |
| 4925 | 02 | 00E6E | 6A40089E |    |
| 4926 | 02 | 00E6F | 68000E87 |    |
| 4927 | 02 | 00E70 | 0950008C | 03 |
| 4928 | 02 | 00E71 | 0930008C | 03 |
| 4929 | 02 | 00E72 | 22500000 | N  |
| 4930 | 02 | 00E73 | 3550005E | 03 |
| 4931 | 02 | 00E74 | 6AB00759 |    |
| 4932 |    | 02    | 00E75    |    |
| 4933 | 02 | 00E75 | 6A800D21 |    |
| 4934 | 02 | 00E76 | 0830008C | 03 |
| 4935 | 02 | 00E77 | 0850008C | 03 |
| 4936 | 02 | 00E78 | 22100021 | A  |
| 4937 | 02 | 00E79 | 52220037 | 03 |
| 4938 | 02 | 00E7A | 22100000 | A  |
| 4939 | 02 | 00E7B | 3510005E | 03 |
| 4940 | 02 | 00E7C | 55140000 | X  |
| 4941 | 02 | 00E7D | 72160000 | X  |
| 4942 | 02 | 00E7E | 724A0000 | X  |
| 4943 | 02 | 00E7F | 4B100004 | A  |
| 4944 | 02 | 00E80 | 75140000 | X  |
| 4945 | 02 | 00E81 | 721A0000 | X  |
| 4946 | 02 | 00E82 | 75140000 | X  |
| 4947 | 02 | 00E83 | 72160000 | X  |
| 4948 | 02 | 00E84 | 69300020 |    |
| 4949 | 02 | 00E85 | 22800020 |    |
| 4950 | 02 | 00E86 | 680008BF |    |

KCOMX

KCOMM

|         |            |
|---------|------------|
| BAZ     | KCOMERR    |
| LI,R1   | ID         |
| LB,R3   | RBB:SMO,R5 |
| BEZ     | KCOMX      |
| LI,R2   | OCBIT      |
| CH,R2   | STH:FLG,R3 |
| BAZ     | KCOMX      |
| LI,R12  | CTR1       |
| B       | ONEMES     |
| EQU     | \$         |
| LI,R12  | X'FD6C3'   |
| BAL,R4  | GTDVX      |
| B       | KCOMERR    |
| PSW,R5  | TMPSTK     |
| PSW,R3  | TMPSTK     |
| LI,R5   | LCLX       |
| STW,R5  | KOMP       |
| BAL,R11 | MOVEMES    |
| EQU     | \$         |
| BAL,R8  | WMF        |
| PLW,R3  | TMPSTK     |
| PLW,R5  | TMPSTK     |
| LI,R1   | MFPRI      |
| LH,R2   | BHITPRI,R1 |
| LI,R1   | O          |
| STW,R1  | KOMP       |
| STH,R1  | BHISID,R2  |
| LB,R1   | STB:TYP,R3 |
| LB,R4   | RBB:DSM,R5 |
| AND,R1  | R4         |
| STB,R1  | BBIDEV,R2  |
| LB,R1   | RBB:ID,R5  |
| STB,R1  | BBIRID,R2  |
| LB,R1   | SSIG,R3    |
| BNEZ    | CTR1       |
| LI,R8   | CTR1       |
| B       | SYSG1      |

'BC'

4951 02 00E87 2240125B  
 4952 02 00E87 2240125B  
 4953 02 00E88 22800020  
 4954 02 00E89 68000868  
 4955  
 4956  
 4957  
 4958  
 4959  
 4960  
 4961  
 4962  
 4963  
 4964  
 4965  
 4966  
 4967  
 4968 02 00E8A 32EE0002 A  
 4969 02 00E8A 32EE0002 A  
 4970 02 00E8B 6AB00E80  
 4971 02 00E8C 21100010 A  
 4972 02 00E8D 69200E91  
 4973 02 00E8E 324000ED 03  
 4974 02 00E8F 68300F46  
 4975 02 00E90 68000F7C  
 4976 02 00E91 53040000 X  
 4977 02 00E92 69380000 A  
 4978  
 4979 02 00E93 35E40000 X  
 4980 02 00E94 331000ED 03  
 4981 02 00E95 68080000 A  
 4982 02 00E96 6AB00E80  
 4983 02 00E96 32EE0002 A  
 4984 02 00E97 32EE0002 A  
 4985 02 00E98 21100010 A  
 4986 02 00E98 21100010 A  
 4987 02 00E99 68200E9F

KCOMERR EQU \$  
 LI,R4 KCOMEM  
 LI,R8 CTR1  
 B TEL#BP1

\*  
 \*  
 \*0\* MESSAGE: \*RBCOM ILLEGAL FOR THIS STATION  
 \*0\*  
 \*0\* MEANING: AN RBCOM KEYIN HAS SPECIFIED A WORKSTATION THAT IS  
 \*0\* NEITHER SLAVE (SLV) OR ANOTHER CP-V SYSTEM (X2)  
 \*0\*  
 \*0\* ACTION: CHECK WHETHER THE WORKSTATION SPECIFIED WAS CORRECT.  
 \*0\* IF SO, RSEND IS PROBABLY THE CORRECT KEYIN  
 \*0\*  
 \*  
 \*

\*\*\*\*\*

KFFRM EQU \$  
 LW,R14 2,R7  
 BAL,R11 KFND  
 CI,R1 RUNPRI  
 BG \*+4  
 LW,R4 SYMINDX  
 BEZ KNF1  
 B LCLCTR1  
 MTH,0 BHICOMID,R2  
 BNEZ O,R4

IS THIS A COMODE FILE  
 YES! CAN'T CHANGE FORM CAUSE...  
 MORE MAY BE ON THE WAY

\*  
 STW,R14 BW,FORM,R2  
 MTW,1 SYMINDX  
 B O,R4

PROCESS PRI0 KEYIN

KPRI0 EQU \$  
 BAL,R11 KFND  
 LW,R14 2,R7  
 PRI0CG EQU \$  
 CI,R1 RUNPRI  
 BLE PRI01

BAL TO KFND TO GET CORRECT ENTRY(S)

NO NOT ALLOW ZERO PRIORITY OUTPUT.  
 ZERO BBIPI. IF NO CHANGE DO NOTHING

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217

4988 02 00E9A 53040000 X  
 4989 02 00E9B 68300E9D  
 4990 02 00E9C 22600000 A  
 4991 02 00E9D 20E00011 A  
 4992 02 00E9E 68000EAC  
 4993 02 00E9F  
 4994 02 00E9F 32A00002 A  
 4995 02 00EA0 25A00002 A  
 4996 02 00EA1 20A00000 N  
 4997 02 00EA2 F5E0000A A  
 4998 02 00EA3 21100010 A  
 4999 02 00EA4 F8300004 A  
 5000 02 00EA5 22A00000 A  
 5001 02 00EA6 75A40000 X  
 5002 02 00EA7 35B00000 X  
 5003 02 00EA8 32A00002 A  
 5004 02 00EA9 25A00002 A  
 5005 02 00EAA 20A00000 N  
 5006 02 00EAB F5E0000A A  
 5007 02 00EAC  
 5008 02 00EAC 3110000E A  
 5009 02 00EAD F8300004 A  
 5010 02 00EAE 68000555  
 5011 02 00EAF  
 5012 02 00EAF 22B00540  
 5013 02 00EB0  
 5014 02 00EB0 22500000 N  
 5015 02 00EB1 22100003 A  
 5016 02 00EB2 02C20007 A  
 5017 02 00EB3 22100004 A  
 5018 02 00EB4 F2620007 A  
 5019 02 00EB5 69300EBA  
 5020 02 00EB6 21B00540  
 5021 02 00EB7 69300EBA  
 5022 02 00EB8 22100022 A  
 5023 02 00EB9 68000EBF  
 5024 02 00EBA

PRI01

PRI02

KDEL

KFND

KF4

MTH,0 BH,COMID,R2  
 BEZ \*+2  
 LI,R6 0  
 AI,R14 08PRI  
 B PRI02  
 EQU \$  
 LW,R10 R2  
 SLS,R10 2  
 AI,R10 B4W,RES  
 STB,R14 \*R10  
 CI,R1 RUNPRI  
 BE \*R4  
 LI,R10 0  
 STB,R10 BBIP1,R2  
 STW,R11 SIMBSF  
 LW,R10 R2  
 SLS,R10 2  
 AI,R10 B4W,RES  
 STB,R14 \*R10  
 EQU \$  
 CW,R1 R14  
 BE \*R4  
 B CHNGRSET  
 EQU \$  
 LI,R11 DEL  
 EQU \$  
 LI,R5 LCLX  
 LI,R1 3  
 LH,R12 \*R7,R1  
 LI,R1 4  
 LB,R6 \*R7,R1  
 BNEZ KF4  
 CI,R11 DEL  
 BNE KF4  
 LI,R1 NCIPRI  
 B KF3  
 EQU \$

IN COMODE  
NOPE! JUST A NICE NORMAL FELLOW

SAVE NEW PRI0 IN RESOURCE TBL  
IS THIS THE RUNNING JOB  
SURE DON'T WANT TO PRI0 HIM

PROCESS DELETE KEYIN BY POINTING KFI  
TO DEL

\*\*\*\*\*  
FIND APPROPRIATE FILE FOR KEYIN ACT

GET SYSID AND DEVICE TYPE FROM COMBI  
AND USE THEM TO FIND FILES REQUESTED  
FOR EACH VALID FILE FOUND BAL ON R4

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|      |    |          |          |    |
|------|----|----------|----------|----|
| 5025 | 02 | 00EBA    | 21600004 | A  |
| 5026 | 02 | 00EBB    | 69300EBE |    |
| 5027 | 02 | 00EBC    | 22600001 | A  |
| 5028 | 02 | 00EBD    | 201FFFE0 | A  |
| 5029 | 02 | 00EBE    | 2010001D | A  |
| 5030 |    | 02 00EBF |          |    |
| 5031 | 02 | 00EBF    | 22400000 | A  |
| 5032 | 02 | 00EC0    | 6A0002B6 |    |
| 5033 | 02 | 00EC1    | 68000F44 |    |
| 5034 | 02 | 00EC2    | 51C40000 | X  |
| 5035 | 02 | 00EC3    | 693002B9 |    |
| 5036 | 02 | 00EC4    | 21100010 | A  |
| 5037 | 02 | 00EC5    | 69300ECA |    |
| 5038 | 02 | 00EC6    | 21B00E97 |    |
| 5039 | 02 | 00EC7    | 69300FC1 |    |
| 5040 | 02 | 00EC8    | 22400020 |    |
| 5041 | 02 | 00EC9    | F800000B | A  |
| 5042 |    | 02 00ECA |          |    |
| 5043 | 02 | 00ECA    | 69200ECF |    |
| 5044 | 02 | 00ECB    | 21600001 | A  |
| 5045 | 02 | 00ECC    | 69200F44 |    |
| 5046 | 02 | 00ECD    | 22400020 |    |
| 5047 | 02 | 00ECE    | F800000B | A  |
| 5048 |    | 02 00ECF |          |    |
| 5049 | 02 | 00ECF    | 20600000 | A  |
| 5050 | 02 | 00ED0    | 68300ED3 |    |
| 5051 | 02 | 00ED1    | 71640000 | X  |
| 5052 | 02 | 00ED2    | 693002B9 |    |
| 5053 | 02 | 00ED3    | 224002B9 |    |
| 5054 | 02 | 00ED4    | F800000B | A  |
| 5055 |    | 02 00ED5 |          |    |
| 5056 | 02 | 00ED5    | 326000ED | 03 |
| 5057 | 02 | 00ED6    | 20600001 | N  |
| 5058 | 02 | 00ED7    | 22100000 | A  |
| 5059 | 02 | 00ED8    | 35100252 | 03 |
| 5060 | 02 | 00ED9    | 35100253 | 03 |
| 5061 | 02 | 00EDA    | 35100078 | 03 |

KF3

KF3B

KF1

KF2

KSWIT

|        |             |
|--------|-------------|
| CI,R6  | 4           |
| BNE    | *+3         |
| LI,R6  | 1           |
| AI,R1  | FIPRI=MFPRI |
| AI,R1  | MFPRI=4     |
| EQU    | *           |
| LI,R4  | 0           |
| BAL,R0 | FIND        |
| B      | KNF         |
| CH,R12 | BH;SID,R2   |
| BNE    | FIND1       |
| CI,R1  | RUNPRI      |
| BNE    | KF3B        |
| CI,R11 | KPRI0+1     |
| BNE    | KDR+1       |
| LI,R4  | CTR1        |
| B      | *R11        |
| EQU    | *           |
| BG     | KF1         |
| CI,R6  | 1           |
| BG     | KNF         |
| LI,R4  | CTR1        |
| B      | *R11        |
| EQU    | *           |
| AI,R6  | 0           |
| BEZ    | KF2         |
| CB,R6  | BBIDEV,R2   |
| BNE    | FIND1       |
| LI,R4  | FIND1       |
| B      | *R11        |
| EQU    | *           |
| LW,R6  | SYMINDX     |
| AI,R6  | SGCBUF+1    |
| LI,R1  | 0           |
| STW,R1 | REC         |
| STW,R1 | REC+1       |
| STW,R1 | KSW*        |

218

THE ROUTINE POINTED TO BY R11. IF  
THE APPROPRIATE FILE DOESNT EXIST 01  
IS RUNNING GO TO KNF.

GET HERE VIA PRI0 KEYIN  
NOPE

YEP; DON'T MATTER IF HE'S RUNNING

.....  
PROCESS RBSWITCH KEYIN

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|      |    |          |          |    |
|------|----|----------|----------|----|
| 5062 | 02 | 00EDB    | 25600002 | A  |
| 5063 | 02 | 00EDC    | 30600005 | A  |
| 5064 | 02 | 00EDD    | 32100005 | A  |
| 5065 | 02 | 00EDE    | 22500000 | N  |
| 5066 | 02 | 00EDF    | 6AA008B3 |    |
| 5067 | 02 | 00EE0    | 68000F4F |    |
| 5068 | 02 | 00EE1    | 68000F35 |    |
| 5069 |    | 02 00EE2 |          |    |
| 5070 | 02 | 00EE2    | 32DE0002 | A  |
| 5071 | 02 | 00EE3    | 6A400694 |    |
| 5072 | 02 | 00EE4    | 68000F4F |    |
| 5073 | 02 | 00EE5    | 35D00074 | 03 |
| 5074 | 02 | 00EE6    | 35100075 | 03 |
| 5075 | 02 | 00EE7    | 72100252 | 03 |
| 5076 | 02 | 00EE8    | 35100077 | 03 |
| 5077 | 02 | 00EE9    | 32100253 | 03 |
| 5078 | 02 | 00EEA    | 48101490 |    |
| 5079 | 02 | 00EEB    | 47100077 | 03 |
| 5080 | 02 | 00EEC    | 22100003 | A  |
| 5081 | 02 | 00EED    | 02C20007 | A  |
| 5082 | 02 | 00EEE    | 22100020 | A  |
| 5083 | 02 | 00EEF    | 6A0002B6 |    |
| 5084 | 02 | 00EF0    | 68000F38 |    |
| 5085 | 02 | 00EF1    | 21100010 | A  |
| 5086 | 02 | 00EF2    | 68200F38 |    |
| 5087 | 02 | 00EF3    | 51C40000 | X  |
| 5088 | 02 | 00EF4    | 693002B9 |    |
| 5089 | 02 | 00EF5    | 32700000 | X  |
| 5090 | 02 | 00EF6    | 31740000 | X  |
| 5091 | 02 | 00EF7    | 694002B9 |    |
| 5092 | 02 | 00EF8    | 6B700077 | 03 |
| 5093 | 02 | 00EF9    | 71740000 | X  |
| 5094 | 02 | 00EFA    | 683002B9 |    |
| 5095 | 02 | 00EFB    | 72740000 | X  |
| 5096 | 02 | 00EFC    | 69300F13 |    |
| 5097 | 02 | 00EFD    | 72740000 | X  |
| 5098 | 02 | 00EFE    | 52AE0000 | X  |

KSW2

|         |           |
|---------|-----------|
| SLS,R6  | 2         |
| AW,R6   | R5        |
| LW,R1   | R5        |
| LI,R5   | LCLX      |
| BAL,R10 | PRCID     |
| B       | BKSW      |
| B       | KSW1      |
| EGU     | *         |
| LW,R13  | 2,R7      |
| BAL,R4  | CVTYP     |
| B       | BKSW      |
| STW,R13 | TYPSW     |
| STW,R1  | SWTYP     |
| LB,R1   | REC       |
| STW,R1  | SWRID     |
| LW,R1   | REC+1     |
| AND,R1  | HASPBIT   |
| STS,R1  | SWRID     |
| LI,R1   | 3         |
| LW,R12  | *R7,R1    |
| LI,R1   | FOPRI     |
| BAL,R0  | FIND      |
| B       | KSWDN     |
| CI,R1   | RUNPRI    |
| BLE     | KSWDN     |
| CH,R12  | BHISID,R2 |
| BNE     | FIND1     |
| LW,R7   | SWITBIT   |
| CW,R7   | BW,SDA,R2 |
| BANZ    | FIND1     |
| INT,R7  | SWRID     |
| CB,R7   | BBIRID,R2 |
| BE      | FIND1     |
| LB,R7   | BBIRID,R2 |
| BNEZ    | KSWR      |
| LB,R7   | BBIDEV,R2 |
| LW,R10  | OH,NM,R7  |



| NO1  | 15:40 | SEP 08, '75 |          |    |        |         |           |
|------|-------|-------------|----------|----|--------|---------|-----------|
| 5099 | 02    | 00EFF       | 31A00074 | 03 |        | CW,R10  | TYP SW    |
| 5100 | 02    | 00F00       | 693002B9 |    |        | BNE     | FIND1     |
| 5101 | 02    | 00F01       | 52D00077 | 03 |        | LW,R13  | SWRID     |
| 5102 | 02    | 00F02       | 69300F05 |    |        | BNEZ    | KSWG0     |
| 5103 | 02    | 00F03       | 21700005 | A  |        | CI,R7   | 5         |
| 5104 | 02    | 00F04       | 69300F07 |    |        | BNE     | KSWG01    |
| 5105 | 02    | 00F05       | 32D00000 | X  | KSWG0  | LW,R13  | SWITBIT   |
| 5106 | 02    | 00F06       | 47D40000 | X  |        | STS,R13 | BW,SDA,R2 |
| 5107 | 02    | 00F07       | 32D00075 | 03 | KSWG01 | LW,R13  | SWTYP     |
| 5108 | 02    | 00F08       | 75D40000 | X  |        | STB,R13 | BBIDEV,R2 |
| 5109 | 02    | 00F09       | 68D00077 | 03 |        | INT,R13 | SWRID     |
| 5110 | 02    | 00FOA       | 75D40000 | X  |        | STB,R13 | BBIRID,R2 |
| 5111 | 02    | 00FOB       | 22A00800 | A  |        | LI,R10  | HALBIT    |
| 5112 | 02    | 00FOC       | 02200030 | A  |        | LCI     | 3         |
| 5113 | 02    | 00FOD       | 0B00008C | 03 |        | PSM,R0  | TMPSTK    |
| 5114 | 02    | 00FOE       | 6A800379 |    |        | BAL,R8  | RBCHK     |
| 5115 | 02    | 00FOF       | 02200030 | A  |        | LCI     | 3         |
| 5116 | 02    | 00F10       | 0A00008C | 03 |        | PLM,R0  | TMPSTK    |
| 5117 | 02    | 00F11       | 33100078 | 03 |        | MTW,1   | KSW#      |
| 5118 | 02    | 00F12       | 680002B9 |    |        | B       | FIND1     |
| 5119 |       | 02 00F13    |          |    | KSWR   | EQU     | 8         |
| 5120 | 02    | 00F13       | 32D00079 | 03 |        | LW,R13  | KSWFLG    |
| 5121 | 02    | 00F14       | 69300F1C |    |        | BNEZ    | KSWR2     |
| 5122 | 02    | 00F15       | 22A00F50 |    |        | LI,R10  | KSBR1+2   |
| 5123 | 02    | 00F16       | 35A000DB | 03 |        | STW,R10 | SV10      |
| 5124 | 02    | 00F17       | 048011E2 |    |        | CAL1,8  | GTPG      |
| 5125 | 02    | 00F18       | 35900079 | 03 |        | STW,R9  | KSWFLG    |
| 5126 | 02    | 00F19       | 04101426 |    |        | CAL1,1  | 8PNXX     |
| 5127 | 02    | 00F1A       | 04101437 |    |        | CAL1,1  | RSXX      |
| 5128 | 02    | 00F1B       | 0410141C |    |        | CAL1,1  | CLSXX     |
| 5129 | 02    | 00F1C       | 71700252 | 03 | KSWR2  | CB,R7   | REC       |
| 5130 | 02    | 00F1D       | 68300F27 |    |        | BE      | KSWR1     |
| 5131 | 02    | 00F1E       | 0910008C | 03 |        | PSW,R1  | TMPSTK    |
| 5132 | 02    | 00F1F       | 32600079 | 03 |        | LW,R6   | KSWFLG    |
| 5133 | 02    | 00F20       | 30600007 | A  |        | AW,R6   | R7        |
| 5134 | 02    | 00F21       | 30600007 | A  |        | AW,R6   | R7        |
| 5135 | 02    | 00F22       | 22A00F26 |    |        | LI,R10  | KSWR1=1   |

HOW BOUT SW OF SW

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|      |    |          |          |       |
|------|----|----------|----------|-------|
| 5136 | 02 | 00F23    | 68000088 |       |
| 5137 | 02 | 00F24    | 68000F4D |       |
| 5138 | 02 | 00F25    | 68000F4D |       |
| 5139 | 02 | 00F26    | 0810008C | 03    |
| 5140 |    | 02 00F27 |          | KSWR1 |
| 5141 | 02 | 00F27    | 32D00074 | 03    |
| 5142 | 02 | 00F28    | 0910008C | 03    |
| 5143 | 02 | 00F29    | 6A400694 |       |
| 5144 | 02 | 00F2A    | 68000F3D |       |
| 5145 | 02 | 00F2B    | 32700001 | A     |
| 5146 | 02 | 00F2C    | 0810008C | 03    |
| 5147 | 02 | 00F2D    | 71740000 | X     |
| 5148 | 02 | 00F2E    | 69300289 |       |
| 5149 | 02 | 00F2F    | 32D01490 |       |
| 5150 | 02 | 00F30    | 48D00253 | 03    |
| 5151 | 02 | 00F31    | 47D40000 | X     |
| 5152 | 02 | 00F32    | 48D00077 | 03    |
| 5153 | 02 | 00F33    | 69300F05 |       |
| 5154 | 02 | 00F34    | 68000F07 |       |
| 5155 |    | 02 00F35 |          | KSW1  |
| 5156 | 02 | 00F35    | 21400000 | N     |
| 5157 | 02 | 00F36    | 693008C2 |       |
| 5158 | 02 | 00F37    | 68000EE2 |       |
| 5159 |    | 02 00F38 |          | KSWDN |
| 5160 | 02 | 00F38    | 6A400F3F |       |
| 5161 | 02 | 00F39    | 32400078 | 03    |
| 5162 | 02 | 00F3A    | 69300020 |       |
| 5163 | 02 | 00F3B    | 22401253 |       |
| 5164 | 02 | 00F3C    | 68000F4B |       |
| 5165 |    |          |          | *     |
| 5166 |    |          |          | *     |
| 5167 |    |          |          | *0*   |
| 5168 |    |          |          | *0*   |
| 5169 |    |          |          | *0*   |
| 5170 |    |          |          | *0*   |
| 5171 |    |          |          | *0*   |
| 5172 |    |          |          | *0*   |

|         |           |
|---------|-----------|
| B       | A#L1      |
| B       | KSBR      |
| B       | KSBR      |
| PLW,R1  | TMPSTK    |
| EQU     | *         |
| LW,R13  | TYPSTW    |
| PSW,R1  | TMPSTK    |
| BAL,R4  | CVTYP     |
| B       | PF1       |
| LW,R7   | R1        |
| PLW,R1  | TMPSTK    |
| CB,R7   | BBIDEV,R2 |
| BNE     | FIND1     |
| LW,R13  | HASPBIT   |
| AND,R13 | REC+1     |
| STS,R13 | BWISDA,R2 |
| EBR,R13 | SWRID     |
| BNEZ    | KSWG0     |
| B       | KSWG01    |
| EQU     | *         |
| CI,R4   | LCLX      |
| BNEZ    | PIDO=1    |
| B       | KSW2      |
| EQU     | *         |
| BAL,R4  | FRECK     |
| LW,R4   | KSW#      |
| BNEZ    | CTR1      |
| LI,R4   | BKSW1M    |
| B       | KNF3      |

MESSAGE: \*NOTHING VALID FOR RBSW FOUND

MEANING: A FILE WITH THE CORRECT SYSID AND DEVICE THAT HAD NOT ALREADY BEEN RBSWITCHED COULD NOT BE FOUND FOR AN RBS KEYIN

5173  
 5174  
 5175  
 5176  
 5177 02 00F3D 0810008C 03  
 5178 02 00F3E 480002B9  
 5179 02 00F3F 22A00000 A  
 5180 02 00F40 46A00079 03  
 5181 02 00F41 68380000 A  
 5182 02 00F42 048011E3  
 5183 02 00F43 68080000 A  
 5184 02 00F44 20400000 A  
 5185 02 00F45 49300020  
 5186 02 00F46 204FFE9E A  
 5187 02 00F47 204002D6 03  
 5188 02 00F48 32F0000C A  
 5189 02 00F49 6AB008E1  
 5190 02 00F4A 35D80002 A  
 5191 02 00F4B 22800020  
 5192 02 00F4C 68000B68  
 5193  
 5194  
 5195  
 5196  
 5197  
 5198  
 5199  
 5200  
 5201  
 5202  
 5203  
 5204  
 5205  
 5206  
 5207  
 5208  
 5209

\*0\*  
 \*0\*  
 \*  
 \*  
 PF1 PLW,R1 TMPSTK  
 B FIND1  
 FRECK EQU \*  
 LI,R10 0  
 XW,R10 KSWFLG  
 BEZ 0,R4  
 CAL1,8 FREPG  
 B 0,R4  
 KNF EQU \*  
 AI,R4 0  
 BNEZ CTR1  
 KNF1 AI,R4 NONEX,SMRIN  
 KNF2 AI,R4 SMRIN  
 LW,R15 R12  
 BAL,R11 HEXC  
 STW,R13 SYSD,R4  
 KNF3 EQU \*  
 LI,R8 CTR1  
 B TEL\$OP1

ACTION: REPEAT THE KEYIN CORRECTING THE PROBLEM

THE APPROPRIATE FILE WAS NOT FOUND OR IS RUNNING. TELL THE OPERATOR.

MESSAGE: \*SYSID=XXXX DOESN'T EXIST

MEANING: THE SYSID SPECIFIED ON A PRI0, DELETE, RBSWITCH, FORM OR DISPLAY KEYIN IS NO LONGER IN THE SYSTEM

ACTION: CORRECTLY REPEAT THE KEYIN IF NECESSARY

MESSAGE: \*SYSID=XXXX RUNNING

MEANING: THE SYSID SPECIFIED ON A PRI0,DELETE, FORM, RBSWITCH,

5210  
5211  
5212  
5213  
5214  
5215  
5216  
5217 02 00F4D 0810008C 03  
5218 02 00F4E 6A400F3F  
5219 02 00F4F  
5220 02 00F4F 2240124C  
5221 02 00F50 68000F4B  
5222  
5223  
5224  
5225  
5226  
5227  
5228  
5229  
5230  
5231  
5232  
5233  
5234 02 00F51  
5235 02 00F51 22100010 A  
5236 02 00F52 2240003A A  
5237 02 00F53 6AB00F72  
5238 02 00F54 22400039 A  
5239 02 00F55 326000ED 03  
5240 02 00F56 20600001 N  
5241 02 00F57 82E00006 A  
5242 02 00F58 32FC0001 A  
5243 02 00F59 11E40000 X  
5244 02 00F5A 69300F5D  
5245 02 00F5B 6A400540  
5246 02 00F5C

\*B\*  
OR DISPLAY KEYIN IS RUNNING  
\*0\*  
ACTION: CORRECTLY REPEAT THE KEYIN IF NECESSARY  
\*0\*  
\*  
\*  
K5BR EQU \$  
PLW,R1 TMPSTK  
K5BR1 BAL,R4 FRECK  
BKSW EQU \$  
LI,R4 BKSWM  
B KNF3

\*  
\*0\* MESSAGE: \*BAD WSN OR DEV ON RBSW  
\*0\*  
\*0\* MEANING: THE WSN SPECIFIED ON AN RBSWITCH KEYIN DOES NOT EXIST  
\*0\* OR THE DEVICE SPECIFIED DOES NOT EXIST AT IT  
\*0\*  
\*0\* ACTION: CORRECT AND REPEAT THE KEYIN  
\*0\*  
\*  
\*

\*\*\*\*\*  
JEDEL EQU \$ PROCESS JOBENT DELETE  
LI,R1 RUNPRI  
LI,R4 X13A; ERROR CODE IS 3A IF FILE NOT INPUT  
BAL,R11 JEFND AND 39 IF WRONG ACCOUNT. GO TO  
LI,R4 X139; JEFND TO GET SYSID AND IF THE  
LW,R6 SYMINDX ACCOUNT IN THE SECOND CBMBUF IS  
AT,R6 SGCBUF+1  
LW,R14 \*R6 THE SAME RELEASE THE FILE AND SET  
LW,R15 1,R6 ERROR CODE=0  
ANL2ACCT CD,R14 BD;ACCT,R2  
BNE JEX  
BAL,R4 DEL  
JEX1 EQU \$

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```

5247 02 00F5C 22400000 A
5248 02 00F5D 4B400000 X
5249 02 00F5D 354E0001 A
5250 02 00F5E 22600000 N
5251 02 00F5F 6AB00C14 X
5252 02 00F60 6AB00000 X
5253 02 00F61 35B000DC 03
5254 02 00F62 22500000 N
5255 02 00F63 6800002C
5256 02 00F64 22100021 A
5257 02 00F65 22400000 A
5258 02 00F65 6AB00F72
5259 02 00F66 21100010 A
5260 02 00F67 69100F6E
5261 02 00F68 68300F6C
5262 02 00F69 20400003 A
5263 02 00F6A 20400001 A
5264 02 00F6B 68000F5D
5265 02 00F6C 6AB005F4
5266 02 00F6D 35FE0002 A
5267 02 00F6E 22400002 A
5268 02 00F6F 68000F5D
5269 02 00F70 22300003 A
5270 02 00F71 02C60007 A
5271 02 00F72 22300004 A
5272 02 00F73 F2560007 A
5273 02 00F74 6A0002B6
5274 02 00F75 68000F5D
5275 02 00F76 51C40000 X
5276 02 00F77 693002B9
5277 02 00F78 6800083F
5278 02 00F79
5279 02 00F7A
5280 02 00F7B
5281
5282
5283

```

```

JEX LI,R4 0
EQU $
AND,R4 M24
STW,R4 1,R7
LI,R6 E:UGA
BAL,R8 SVIV1
BAL,R11 TIRUE
STW,R11 SVZ
LI,R5 LCLX
B CTR4

JESTAT EQU $
LI,R1 MFPR1
LI,R4 0
BAL,R11 JEFND
CI,R1 RUNPR1
BL JES1
BR $+2
AI,R4 3
AI,R4 1
B JEX

JES1 EQU $
BAL,R11 ST4
STW,R15 2,R7
LI,R4 2
B JEX

JEFND EQU $
LI,R3 3
LH,R12 *R7,R3
LI,R3 4
LB,R5 *R7,R3
BAL,R0 FIND
B JEX
CH,R12 BHSID,R2
BNE FIND1
B CKGB

*****
MBSCALL EQU $

```

```

*****
PUT INFO FROM PROCESSING ROUTINE IN
(SCRUB THE DA IF ANY)
*
WORD 1 OF COMBUF AND UNQUEUE THE USER
SO THAT HE CAN GET THE INFO. DONT
RELEASE THE BUFFER.

```

```

*****
PROCESS JOBERT STATUS REQUEST
:
GO TO JEFND TO GET THE SYSID REQUEST
THEN USING THE PRIORITY TO GET THE
STATUS CODE. A CODE OF ZERO MEANS
JOBERT IN CORE SEES DOESN'T EXIST.
IF THE FILE IS INPUT GO TO ST4 TO GET
THE NUMBER AHEAD AND PUT IT IN WORD
THE COMBUF.

```

```

GET THE SYSID AND USER NUMBER FROM
COMBUF AND USE THE SYSID TO FIND ONE
ELEGIBLE FILE. (ANY SYSID IS IN ONE
ONE JOBERT STATUS STATE). WHEN FOUND
GO TO THE APPROPRIATE ROUTINE. IF
FOUND GO DIRECTLY TO JEX SINCE ERROR
CODE IS ALREADY IN R4.

```

02 00F7B

MULTI BATCH SCHEDULE REQUEST.

```

5284 02 00F7B 6AB00000 X
5285          02 00F7C
5286 02 00F7C 22500000 N
5287 02 00F7D 68000020
5288
5289          02 00F7E
5290 02 00F7E 32CE0001 A
5291 02 00F7F 21CFFFFFF A
5292 02 00F80 69300F82
5293 02 00F81 32C60000 X
5294 02 00F82 32DE0002 A
5295 02 00F83 21DFFFFFF A
5296 02 00F84 69300F86
5297 02 00F85 32D60000 X
5298 02 00F86 32E00005 A
5299 02 00F87 21E000FF A
5300 02 00F88 69300F8A
5301 02 00F89 72E60000 X
5302 02 00F8A 6A400F91
5303 02 00F8B 68000F8E
5304 02 00F8C 22500000 N
5305 02 00F8D 68000020
5306          02 00F8E
5307 02 00F8E 224013A0
5308 02 00F8F 22800020
5309 02 00F90 68000868
5310
5311
5312
5313
5314
5315
5316
5317
5318
5319
5320
    
```

```

LCLCTR1 BAL,R11 MBS
        EQU $
        LI,R5 LCLX
        B CTR1
*****
KFORM EQU $
        LW,R12 1,R7
        CI,R12 =1
        BNE $+2
        LW,R12 STW:FORM,R3
        LW,R13 2,R7
        CI,R13 =1
        BNE $+2
        LW,R13 STW:FOV,R3
        LW,R14 R5
        CI,R14 XIFF1
        BNE $+2
        LB,R14 STBIJDE,R3
        BAL,R4 FORMS
        B KFB
        LI,R5 LCLX
        B CTR1
KFB EQU $
        LI,R4 BKFM
        LI,R8 CTR1
        B TEL#0P1
    
```

```

*
*
*0* MESSAGE: *ILLEGAL FORMS CHANGE
*0*
*0* MEANING: AN ATTEMPT WAS MADE TO CHANGE THE FORM ON AN ACTIVE
*0* OUTPUT DEVICE
*0*
*0* ACTION: USE SYYNDD,L TO TERMINATE THE DEVICE, THEN REPEAT THE
*0* SYYNDD,F'XXXX' KEYIN
*
    
```

```

5321
5322      02 00F91
5323      02 00F91 72F60000 X
5324      02 00F92 21F00001 A
5325      02 00F93 69400F99
5326      02 00F94 72F60000 X
5327      02 00F95 21F000D3 A
5328      02 00F96 68300F99
5329      02 00F97 21F00002 A
5330      02 00F98 69280000 A
5331      02 00F99
5332      02 00F99 35C60000 X
5333      02 00F9A 22F00000 N
5334      02 00F9B 68380001 A
5335      02 00F9C 35D60000 X
5336      02 00F9D 75E60000 X
5337      02 00F9E 68080001 A
5338
5339      02 00F9F
5340      02 00F9F 22500000 N
5341      02 00FA0 32CE0002 A
5342      02 00FA1 22600FB1
5343      02 00FA2 324E0001 A
5344      02 00FA3 68080FA7
5345      02 00FA4 68000FB9
5346      02 00FA5 68001104
5347      02 00FA6 68000FAC
5348      02 00FA7
5349      02 00FA7 22600FDB
5350      02 00FA8 22100022 A
5351      02 00FA9
5352      02 00FA9 6A0002B6
5353      02 00FAA 68001023
5354      02 00FAB 68000006 A
5355      02 00FAC
5356      02 00FAC 22600FC3
5357      02 00FAD 6A8009C9
    
```

```

*
FORMS EQU $
      LB,R15 SYMX,R3
      CI,R15 1
      BANZ FORM1
      LB,R15 SSIG,R3
      CI,R15 'L'
      BE FORM1
      CI,R15 2
      BG O,R4
FORM1 EQU $
      STW,R12 STW,FORM,R3
      LI,R15 STW,FBV
      BFZ 1,R4
      STW,R13 STW,FBV,R3
      STB,R14 STB,JDE,R3
      B 1,R4
*****
KDISP EQU $
      LI,R5 LCLX
      LW,R12 2,R7
      LI,R6 KDSY
      LW,R4 1,R7
      B $+4,R4
      B KDBUP
      B KDSYMB
      B KDNR
GINCD EQU $
      LI,R6 KDAL
      LI,R1 NCIPRI
KDISF EQU $
      BAL,R0 FIND
      B KDSPDN
      B *R6
KDNR EQU $
      LI,R6 KDNR1
      BAL,R8 PRCK
    
```

```

PROCESS DISPLAY KEYINS
:
WORDS 1 AND 2 OF COMBUF ARE
:
DISPLAY 0,0

DISPLAY ID 1, ID

DISPLAY NORUN -1,-5
:
FIRST DETERMINE TYPE OF DISPLAY AND
SET R6 TO THE ROUTINE FOR PROCESSING
THIS OPTION. THEN GO TO FIND AND E
ROUTINE FOR EACH SYSID FOUND. EVER
BUT NORUN SEARCHES WHOLE CHAIN. NO
SEARCHES INPUT ONLY.
    
```

H01 15140 SEP 08, 175  
 5358 02 00FAE 3500005C 03  
 5359 02 00FAF 2210000F A  
 5360 02 00FBO 48000FA9  
 5361 02 00FB1  
 5362 02 00FB1 51C40000 X  
 5363 02 00FB2 693002B9  
 5364 02 00FB3 22500349 03  
 5365 02 00FB4 21100010 A  
 5366 02 00FB5 68300FC0  
 5367 02 00FB6 69200FC7  
 5368 02 00FB7 22500376 03  
 5369 02 00FB8 68000FC7  
 5370 02 00FB9  
 5371 02 00FB9 6A600FA8  
 5372 02 00FBA 21100010 A  
 5373 02 00FBB 68201023  
 5374 02 00FBC 22500349 03  
 5375 02 00FBD 6A401127  
 5376 02 00FBE 680002B9  
 5377 02 00FBF 68000FC7  
 5378 02 00FC0  
 5379 02 00FC0 22500000 N  
 5380 02 00FC1  
 5381 02 00FC1 22400000 A  
 5382 02 00FC2 68000F47  
 5383 02 00FC3  
 5384 02 00FC3 52F40000 X  
 5385 02 00FC4 31F0005C 03  
 5386 02 00FC5 694002B9  
 5387 02 00FC6 22500376 03  
 5388 02 00FC7  
 5389 02 00FC7 22800004 A  
 5390 02 00FC8 21800000 N  
 5391 02 00FC9 68200FCB  
 5392 02 00FCA 22800000 N  
 5393 02 00FCB 358000D7 03  
 5394 02 00FCC 02200070 A

KDSY

KD0UP

KDR

KNF2A

KDNR1

KD0PMES

STW,R13  
 LI,R1  
 B  
 EQU  
 CH,R12  
 BNE  
 LI,R5  
 CI,R1  
 BE  
 BG  
 LI,R5  
 B  
 EQU  
 BAL,R6  
 CI,R1  
 BLE  
 LI,R5  
 BAL,R4  
 B  
 B  
 EQU  
 LI,R5  
 EQU  
 LI,R4  
 B  
 EQU  
 LH,R15  
 CW,R15  
 BANZ  
 LI,R5  
 EQU  
 LI,8  
 CI,8  
 BLE  
 LI,R8  
 STW,R8  
 LCI

PLKXX  
 FIPRI  
 KDISF  
 \$  
 BHISID,R2  
 FIND1  
 DISMES0  
 RUNPRI  
 KDR  
 KD0PMES  
 DISMESIN  
 KD0PMES  
 \$  
 KDISF=1  
 RUNPRI  
 KDSPDN  
 DISMES0  
 COMSELCT  
 FIND1  
 KD0PMES  
 \$  
 LCLX  
 \$  
 0  
 KNF2  
 \$  
 BHIPART,R2  
 PLKXX  
 FIND1  
 DISMESIN  
 \$  
 \$+2  
 SVIRSIZ  
 RES#  
 7

.....  
 PROCESS DISPLAY ID BY DECIDING WHETHER  
 IS INPUT OR OUTPUT AND PRINTING APPR  
 MESSAGE ON THE BC W/HEADING. IF THE  
 RUNNING TELL THE OPERATOR. (IF HE IS  
 DISPLAY ALL THE ENTRIES.

#CPV+ MODIFIED DISPLAY  
 #CPV+ MODIFIED DISPLAY

.....  
 DISPLAY N0RUN .. DISPLAY ALL INPUT  
 WHOSE BHIPART=ZERO, ON THE BC

PRINT DISP MESSAGE TO OPERATOR FOR I

AND ID IF A HEADING IS NECESSARY PR



H01 15140 SEP 08, '75

5395 02 00FC0 08C0008C 03  
5396 02 00FCE 0950008C 03  
5397 02 00FCF 6A801036  
5398 02 00FD0 0850008C 03  
5399 02 00FD1 328000C8 03  
5400 02 00FD2 69300FD7  
5401 02 00FD3 46500004 A  
5402 02 00FD4 6A800B68  
5403 02 00FD5 32400005 A  
5404 02 00FD6 331000C8 03  
5405 02 00FD7 6A800B68 KDM81  
5406 02 00FD8 02200070 A  
5407 02 00FD9 0AC0008C 03  
5408 02 00FDA 680002B9  
5409 02 00FDB 21100010 A  
5410 02 00FDC 683002B9  
5411 02 00FDD 32900001 A  
5412 02 00FDE 328000C8 03  
5413 02 00FDF 69301001  
5414 02 00FE0 20C00000 A  
5415 02 00FE1 69300FFB  
5416 02 00FE2 35800054 03  
5417 02 00FE3 6A400C46  
5418 02 00FE4 22800FF6  
5419 02 00FE5 22100346 03  
5420 02 00FE6 52500000 X  
5421 02 00FE7 25500008 A  
5422 02 00FE8 4B500000 X  
5423 02 00FE9 30501217  
5424 02 00FEA 3553FFFF A  
5425 02 00FEB 32500000 X  
5426 02 00FEC 05500001 A  
5427 02 00FED 02200020 A  
5428 02 00FEE 2A400000 X

PSM,R12 TMPSTK  
PSW,R5 TMPSTK  
BAL,R8 KDBLDMES  
PLW,R5 TMPSTK  
LW,R8 MSFLG  
BNEZ KDM81  
XW,R5 R4  
BAL,R8 TEL#8P1  
LW,R4 R5  
MTW,1 MSFLG  
EQU \$  
BAL,R8 TEL#8P1  
LCI 7  
PLM,R12 TMPSTK  
B FIND1  
EQU \$  
CI,R1 RUNPRI  
BE FIND1  
LW,R9 R1  
LW,R8 MSFLG  
BNEZ KDAL1  
AI,R12 0  
BNEZ KDAL01  
STW,R8 CURSID  
BAL,R4 BANNER  
LI,R8 KDALB1  
LI,R1 DISPB2  
EQU \$  
LH,R5 TIME  
SLS,R5 8  
AND,R5 M24  
AW,R5 TMESET  
STW,R5 \*1,R1  
LW,R5 TIME  
STH,R5 \*R1  
LCI 2  
LM,R4 DATE

IT T88.

.....  
PROCESS DISP OR DISP BC  
I  
PRINT OR TYPE DISP MESSAGE FOR EACH  
FOUND PUT IN HEADINGS WHEN APPROPRI  
IF DISPLAY (NO OPTION) DISPLAY WILL  
MESSAGE FILE WITH SYSID\*ZERO. THE  
HEADER IS PUT IN TO IDENTIFY THE PR

TIMIN

|      |       |         |          |    |                      |
|------|-------|---------|----------|----|----------------------|
| H01  | 15140 | SEP 08, | 175      |    |                      |
| 5432 | 02    | 00FF    | 25400370 | A  | SCD,R4 =16           |
| 5433 | 02    | 00FF0   | 25500278 | A  | SCS,R5 =8            |
| 5434 | 02    | 00FF1   | 30501216 |    | AW,R5 SLASLA         |
| 5435 | 02    | 00FF2   | 25400310 | A  | SCD,R4 16            |
| 5436 | 02    | 00FF3   | 35420001 | A  | STW,R4 1,R1          |
| 5437 | 02    | 00FF4   | 35520002 | A  | STW,R5 2,R1          |
| 5438 | 02    | 00FF5   | 28000008 | A  | B *R8                |
| 5439 | 02    | 00FF6   |          |    | KDALB1 EQU \$        |
| 5440 | 02    | 00FF6   | 32500003 | A  | LW,R5 R3             |
| 5441 | 02    | 00FF7   | 305011F1 |    | AW,R5 DBRPTR         |
| 5442 | 02    | 00FF8   | 22400D04 | 03 | LI,R4 BA(DISF)       |
| 5443 | 02    | 00FF9   | 61400000 | A  | MBS,R4 0             |
| 5444 | 02    | 00FFA   | 22500000 | N  | LI,R5 LCLx           |
| 5445 | 02    | 00FFB   |          |    | KDAL01 EQU \$        |
| 5446 | 02    | 00FFB   | 331000C8 | 03 | MTW,1 MSFLG          |
| 5447 | 02    | 00FFC   | 21900010 | A  | CI,R9 RUNPRI         |
| 5448 | 02    | 00FFD   | 69101005 |    | BL KDAL3             |
| 5449 | 02    | 00FFE   | 22400349 | 03 | LI,R4 DISMES0        |
| 5450 | 02    | 00FFF   | 22F01010 |    | LI,R15 KDAL2         |
| 5451 | 02    | 01000   | 680010D5 |    | B KDALBUT            |
| 5452 | 02    | 01001   |          |    | KDAL1 EQU \$         |
| 5453 | 02    | 01001   | 21900010 | A  | CI,R9 RUNPRI         |
| 5454 | 02    | 01002   | 69201010 |    | BG KDAL2             |
| 5455 | 02    | 01003   | 728000C8 | 03 | LB,R8 MSFLG          |
| 5456 | 02    | 01004   | 69301010 |    | BNEZ KDAL2           |
| 5457 | 02    | 01005   |          |    | KDAL3 EQU \$         |
| 5458 | 02    | 01005   | 22400359 | 03 | LI,R4 DISMESIR       |
| 5459 | 02    | 01006   | 20C00000 | A  | AI,12 0              |
| 5460 | 02    | 01007   | 6830100C |    | BEZ KDAL35           |
| 5461 | 02    | 01008   | 22400376 | 03 | LI,R4 DISMESIN       |
| 5462 | 02    | 01009   | 22800004 | A  | LI,R8 4              |
| 5463 | 02    | 0100A   | 21800000 | N  | CI,R8 SVIRSIZ        |
| 5464 | 02    | 0100B   | 6820100D |    | BLE \$+2             |
| 5465 | 02    | 0100C   | 22800000 | N  | KDAL35 LI,R8 SVIRSIZ |
| 5466 | 02    | 0100D   | 358000D7 | 03 | STW,R8 RES#          |
| 5467 | 02    | 0100E   | 6AF010D5 |    | BAL,R15 KDALBUT      |
| 5468 | 02    | 0100F   | 731000C8 | 03 | MTB,1 MSFLG          |

```

5469      02 01010
5470      02 01010 32100009 A
5471      02 01011 6A401127
5472      02 01012 68001021
5473      02 01013 6A801036
5474      02 01014 6AF010D5
5475      02 01015 21900010 A
5476      02 01016 68101021
5477      02 01017 20C00000 A
5478      02 01018 69301021
5479      02 01019 52340000 X
5480      02 0101A 6830101D
5481      02 0101B 221003B6 03
5482      02 0101C 6AB010EF
5483      02 0101D 52340000 X
5484      02 0101E 68301021
5485      02 0101F 221003CB 03
5486      02 01020 6AB010EF
5487      02 01021
5488      02 01021 32100009 A
5489      02 01022 680002B9
5490      02 01023
5491      02 01023 22500000 N
5492      02 01024 32300002 03
5493      02 01025 22400000 A
5494      02 01026 464000CB 03
5495      02 01027 68301031
5496      02 01028 32F60000 A
5497      02 01029 48F00000 X
5498      02 0102A 21F00009 A
5499      02 0102B 68300185
5500      02 0102C 32F60001 A
5501      02 0102D 30F60002 A
5502      02 0102E 69300020
5503      02 0102F 22800020
5504      02 01030 68000D21
5505      02 01031
    
```

```

KDAL2 EQU *
      LW,R1 R9
      BAL,R4 COMSELECT
      B KDAL25
      BAL,R8 KDBLDMES
      BAL,R15 KDALOUT
      CI,R9 RUNPRI
      BGE KDAL25
      AI,R12 0
      BNEZ KDAL25
      LM,R3 BHISLNK,R2
      BEZ *+3
      LI,R1 SERDS
      BAL,R11 DISPSE
      LM,R3 BHIXLNK,R2
      BEZ KDAL25
      LI,R1 SERDX
      BAL,R11 DISPSE

KDAL25 EQU *
      LW,R1 R9
      B FIND1

KDSPDN EQU *
      LI,R5 LCLX
      LW,R3 SVCBF
      LI,R4 0
      XW,R4 MSFLG
      BEZ KDSPDN1
      LW,R15 0,R3
      AND,R15 M8
      CI,R15 9 GIFNC GFC
      BE GINCD1
      LW,R15 1,R3
      AW,R15 2,R3
      BNEZ CTR1
      LI,R8 CTR1
      B WMF

KDSPDN1 EQU *
    
```

```

-----
DONE WITH DISPLAY
!
IF NO FILES WERE FOUND SEND NOTHING
DISPLAY TO OPERATOR. IF A MESSAGE IS
BUILT WRITE AND ADD IT. IF THIS WAS
DISP ID AND THE ID WAS NOT FOUND TYPE
* CHECK FOR SPCL NCI FUNCTION
*
* IF SO DERAIL BACK TO SPCL FUNCTION
DOESN'T EXIST.
    
```

H01 15:40 SEP 08 175

|      |    |          |          |    |
|------|----|----------|----------|----|
| 5506 | 02 | 01031    | 32F60001 | A  |
| 5507 | 02 | 01032    | 69200F46 |    |
| 5508 | 02 | 01033    | 224014AD |    |
| 5509 | 02 | 01034    | 22800020 |    |
| 5510 | 02 | 01035    | 68000B68 |    |
| 5511 |    |          |          |    |
| 5512 |    |          |          |    |
| 5513 |    |          |          |    |
| 5514 |    |          |          |    |
| 5515 |    |          |          |    |
| 5516 |    |          |          |    |
| 5517 |    |          |          |    |
| 5518 |    |          |          |    |
| 5519 |    |          |          |    |
| 5520 |    |          |          |    |
| 5521 |    | 02 01036 |          |    |
| 5522 | 02 | 01036    | 22400397 | 03 |
| 5523 | 02 | 01037    | 32F00001 | A  |
| 5524 | 02 | 01038    | 21100010 | A  |
| 5525 | 02 | 01039    | 6910103C |    |
| 5526 | 02 | 0103A    | 22400388 | 03 |
| 5527 | 02 | 0103B    | 20FFFFFF | A  |
| 5528 | 02 | 0103C    | 22D000C9 | A  |
| 5529 | 02 | 0103D    | 21100021 | A  |
| 5530 | 02 | 0103E    | 69101042 |    |
| 5531 | 02 | 0103F    | 69201043 |    |
| 5532 | 02 | 01040    | 22D000D4 | A  |
| 5533 | 02 | 01041    | 68001043 |    |
| 5534 |    | 02 01042 |          |    |
| 5535 | 02 | 01042    | 6AB008E1 |    |
| 5536 | 02 | 01043    | 22300003 | A  |
| 5537 | 02 | 01044    | F5D60004 | A  |
| 5538 | 02 | 01045    | 52F40000 | X  |
| 5539 | 02 | 01046    | 6AB008E1 |    |
| 5540 | 02 | 01047    | 35D80002 | A  |
| 5541 | 02 | 01048    | 72F40000 | X  |
| 5542 | 02 | 01049    | 6AB008DF |    |

```

LW,R15 1,R3
BGZ KNF1
LI,R4 NODIS
LI,R8 CTR1
B TEL#OP1

```

```

*
*
*0*
*0*
*0*
*0*
*0*
*0*
*
*

```

```

MESSAGE: *NOTHING TO DISPLAY
MEANING: THERE ARE NO ENTRIES IN THE BATCH QUEUE OF THE TYPE
A DISPLAY KEYIN REQUESTED DISPLAYED
ACTION: NONE . INFORMATION ONLY

```

```

KDBLDMES EQU
LI,R4 DIM
LW,R15 R1
CI,R1 RUNPRI
BL *+3
LI,R4 DBM
AI,R15 =00PRI
LI,R13 'I'
CI,R1 MFPRI
BL KDBI5
BG KDBI5+1
LI,R13 'M'
B *+2
KDBI5 EQU
BAL,R11 HEXC
LI,R3 3
STB,R13 *R4,R3
LW,R15 BHISID,R2
BAL,R11 HEXC
STW,R13 SYSDX,R4
LB,R15 BB;RID,R2
BAL,R11 DEC

```

```

BUILD INPUT OR OUTPUT DISPLAY MESSA
PRI8 IN R1 AND ENTX IN R2. THE MES
IS IN R4.

```

| H01  | 15140 | SEP 08, | 175      |   |        |  |
|------|-------|---------|----------|---|--------|--|
| 5543 | 02    | 0104A   | 35D80003 | A |        |  |
| 5544 | 02    | 0104B   | 32D01218 |   |        |  |
| 5545 | 02    | 0104C   | 32F40000 | X |        |  |
| 5546 | 02    | 0104D   | 7020000F | A |        |  |
| 5547 | 02    | 0104E   | 69101050 |   |        |  |
| 5548 | 02    | 0104F   | 20DFFF00 | A |        |  |
| 5549 | 02    | 01050   | 35D80004 | A |        |  |
| 5550 | 02    | 01051   | 21100010 | A |        |  |
| 5551 | 02    | 01052   | 6910109A |   |        |  |
| 5552 | 02    | 01053   | 72D40000 | X |        |  |
| 5553 | 02    | 01054   | 6830105F |   |        |  |
| 5554 | 02    | 01055   | 6AB00381 |   |        |  |
| 5555 | 02    | 01056   | 6800105D |   |        |  |
| 5556 | 02    | 01057   | 22E00001 | A |        |  |
| 5557 | 02    | 01058   | 21100022 | A |        |  |
| 5558 | 02    | 01059   | 6930105B |   |        |  |
| 5559 | 02    | 0105A   | 22E00000 | A |        |  |
| 5560 | 02    | 0105B   | 32500003 | A |        |  |
| 5561 | 02    | 0105C   | 6AB00601 |   |        |  |
| 5562 | 02    | 0105D   | 22D0D9C2 | A | KDBI35 |  |
| 5563 | 02    | 0105E   | 68001061 |   |        |  |
| 5564 | 02    | 0105F   |          |   | KDBI3  |  |
| 5565 | 02    | 0105F   | 72340000 | X |        |  |
| 5566 | 02    | 01060   | 52D60000 | X |        |  |
| 5567 | 02    | 01061   |          |   | KDBI4  |  |
| 5568 | 02    | 01061   | 4BD00000 | X |        |  |
| 5569 | 02    | 01062   | 49D01288 |   |        |  |
| 5570 | 02    | 01063   | 35D80005 | A |        |  |
| 5571 | 02    | 01064   | 22E00000 | A |        |  |
| 5572 | 02    | 01065   | 52F40000 | X |        |  |
| 5573 | 02    | 01066   | 4BF00000 | X |        |  |
| 5574 | 02    | 01067   | 21F0270F | A |        |  |
| 5575 | 02    | 01068   | 6820106C |   |        |  |
| 5576 | 02    | 01069   | 36E01228 |   |        |  |
| 5577 | 02    | 0106A   | 20E000F0 | A |        |  |
| 5578 | 02    | 0106B   | 25E00278 | A |        |  |
| 5579 | 02    | 0106C   |          |   | KDBDG  |  |

|         |            |
|---------|------------|
| STW,R13 | RIDX,R4    |
| LW,R13  | F1B2       |
| LW,R15  | BWISDA,R2  |
| LC      | R15        |
| BCS,1   | *+2        |
| AI,R13  | *X'100'    |
| STW,R13 | MLDX,R4    |
| CI,R1   | RUNPRI     |
| BL      | KDBI       |
| LB,R13  | BBIRID,R2  |
| BEZ     | KDBI3      |
| BAL,R11 | RBFND      |
| B       | KDBI35     |
| LI,R14  | INBIT      |
| CI,R1   | NCIPRI     |
| BNE     | *+2        |
| LI,R14  | 0          |
| LW,R5   | R3         |
| BAL,R11 | GTDVNM1    |
| LI,R13  | 'RB'       |
| B       | KDBI4      |
| EGU     | *          |
| LB,R3   | BB,DEV,R2  |
| LH,R13  | OHINM,R3   |
| EGU     | *          |
| AND,R13 | M16        |
| OR,R13  | 8OBLNK+1   |
| STW,R13 | DEVX,R4    |
| LI,R14  | 0          |
| LH,R15  | BHIGRAN,R2 |
| AND,R15 | M16        |
| CI,R15  | 9999       |
| BLE     | KDBDG      |
| DW,R14  | TEN        |
| AI,R14  | X,FO,      |
| SCS,R14 | =8         |
| EGU     | *          |

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|------|-------|--------|----------|---|---------|-------------|---------------------------|--|--|
| 5580 | 02    | 0106C  | 32A0000E | A | LW,R10  | R14         |                           |  |  |
| 5581 | 02    | 0106D  | 49A01288 |   | OR,R10  | 80BLNK+1    |                           |  |  |
| 5582 | 02    | 0106E  | 6AB008DF |   | BAL,R11 | DEC         |                           |  |  |
| 5583 | 02    | 0106F  | 32B0000D | A | LW,R11  | R13         |                           |  |  |
| 5584 | 02    | 01070  | 49B01214 |   | OR,R11  | TZER0S      |                           |  |  |
| 5585 | 02    | 01071  | 25A00310 | A | SCD,R10 | 16          |                           |  |  |
| 5586 | 02    | 01072  | 35A80008 | A | STW,R10 | GRNX,R4     |                           |  |  |
| 5587 | 02    | 01073  | 35B80009 | A | STW,R11 | GRNX1,R4    |                           |  |  |
| 5588 | 02    | 01074  | 32D40000 | X | LW,R13  | BW:FORM,R2  |                           |  |  |
| 5589 | 02    | 01075  | 69301077 |   | BNEZ    | *+2         |                           |  |  |
| 5590 | 02    | 01076  | 32D01288 |   | LW,R13  | 80BLNK+1    |                           |  |  |
| 5591 | 02    | 01077  | 35D80007 | A | STW,R13 | DFMX,R4     |                           |  |  |
| 5592 | 02    | 01078  | 72F40000 | X | LB,R15  | BBICOPY,R2  |                           |  |  |
| 5593 | 02    | 01079  | 6AB008DF |   | BAL,R11 | DEC         |                           |  |  |
| 5594 | 02    | 0107A  | 35D8000A | A | STW,R13 | COPX,R4     |                           |  |  |
| 5595 | 02    | 0107B  | 52F40000 | X | LH,R15  | BH:COMID,R2 | #CPV+ .. EXTENDED DISPLAY |  |  |
| 5596 | 02    | 0107C  | 4BF01227 |   | AND,R15 | X7FFF       | #CPV+ .. EXTENDED DISPLAY |  |  |
| 5597 | 02    | 0107D  | 69301080 |   | BNEZ    | *+3         | #CPV+ .. EXTENDED DISPLAY |  |  |
| 5598 | 02    | 0107E  | 32D01288 |   | LW,R13  | 80BLNK+1    | #CPV+ .. EXTENDED DISPLAY |  |  |
| 5599 | 02    | 0107F  | 68001081 |   | B       | *+2         | #CPV+ .. EXTENDED DISPLAY |  |  |
| 5600 | 02    | 01080  | 6AB008E1 |   | BAL,R11 | HEXC        | #CPV+ .. EXTENDED DISPLAY |  |  |
| 5601 | 02    | 01081  | 35D8000C | A | STW,R13 | COMIDX,R4   | #CPV+ .. EXTENDED DISPLAY |  |  |
| 5602 | 02    | 01082  | 22300034 | A | LI,R3   | *+COMIDX**2 | #CPV+ .. EXTENDED DISPLAY |  |  |
| 5603 | 02    | 01083  | 22500000 | N | LI,R5   | BW:F0VL     |                           |  |  |
| 5604 | 02    | 01084  | 68301096 |   | BEZ     | KDBI45      |                           |  |  |
| 5605 | 02    | 01085  | 72F40000 | X | LB,R15  | BBIRID,R2   |                           |  |  |
| 5606 | 02    | 01086  | 69301096 |   | BNEZ    | KDBI45      |                           |  |  |
| 5607 | 02    | 01087  | 72540000 | X | LB,R5   | BBIDEV,R2   |                           |  |  |
| 5608 | 02    | 01088  | 21500000 | N | C1,R5   | 0CPTYP      |                           |  |  |
| 5609 | 02    | 01089  | 69301096 |   | BNE     | KDBI45      |                           |  |  |
| 5610 | 02    | 0108A  | 32F40000 | X | LW,R15  | BW:F0VL,R2  | #CPV+ .. EXTENDED DISPLAY |  |  |
| 5611 | 02    | 0108B  | 6930108D |   | BNEZ    | *+2         |                           |  |  |
| 5612 | 02    | 0108C  | 32F01288 |   | LW,R15  | 80BLNK+1    | #CPV+ .. EXTENDED DISPLAY |  |  |
| 5613 | 02    | 0108D  | 32E01288 |   | LW,R14  | 80BLNK+1    | #CPV+ .. EXTENDED DISPLAY |  |  |
| 5614 | 02    | 0108E  | 25E00310 | A | SCD,R14 | 16          | #CPV+ .. EXTENDED DISPLAY |  |  |
| 5615 | 02    | 0108F  | 35E8000D | A | STW,R14 | F0VLX,R4    | #CPV+ .. EXTENDED DISPLAY |  |  |
| 5616 | 02    | 01090  | 35F8000E | A | STW,R15 | F0VLX+1,R4  | #CPV+ .. EXTENDED DISPLAY |  |  |

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5617 02 01091 72F40000 X  
5618 02 01092 6AB008DF  
5619 02 01093 25D00210 A  
5620 02 01094 35D8000E A  
5621 02 01095 2230003C A  
5622 02 01096  
5623 02 01096 203FFFFFF A  
5624 02 01097 F5300004 A  
5625 02 01098 22500000 N  
5626 02 01099 F8000008 A  
5627 02 0109A  
5628 02 0109A 32D0121A  
5629 02 0109B 7020000F A  
5630 02 0109C 6940109E  
5631 02 0109D 20DFFF00 A  
5632 02 0109E 7020000F A  
5633 02 0109F 698010A1  
5634 02 010A0 38D00000 X  
5635 02 010A1 35D80005 A  
5636 02 010A2 72B40000 X  
5637 02 010A3 693010A9  
5638 02 010A4 32D0121C  
5639 02 010A5 31F00000 X  
5640 02 010A6 694010A8  
5641 02 010A7 32D0121D  
5642 02 010A8 35D80003 A  
5643 02 010A9  
5644 02 010A9 52F40000 X  
5645 02 010AA 6AB008DF  
5646 02 010AB 35D80006 A  
5647 02 010AC 32300002 A  
5648 02 010AD 25300002 A  
5649 02 010AE 20300000 N  
5650 02 010AF 35300071 03  
5651 02 010B0 32A000D7 03  
5652 02 010B1 22300007 A  
5653 02 010B2 22500001 A

KDBI45

KDBI

KDBI01

LB,R15 BBIJDE,R2  
BAL,R11 DEC  
SCS,R13 16  
STW,R13 JDEX,R4  
LI,R3 4+JDEX\*\*2  
EQU \$  
AI,R3 \*1  
STB,R3 \*R4  
LI,R5 LCLX  
B \*R8  
EQU \$  
LW,R13 BRDAC  
LC R15  
BCS,4 \$+2  
AI,R13 \*X'100'  
LC R15  
BCS,8 \$+2  
SW,R13 Y01  
STW,R13 BAX,R4  
LB,R11 BBIRID,R2  
BNEZ KDBI01  
LW,R13 TXTT  
CW,R15 JEBIT  
BANZ \$+2  
LW,R13 TXTL  
STW,R13 RIDX,R4  
EQU \$  
LH,R15 BHITIME,R2  
BAL,R11 DEC  
STW,R13 TIMX,R4  
LW,R3 R2  
SLS,R3 2  
AI,R3 B4W,RES  
STW,R3 BADRS  
LW,R10 RES#  
LI,R3 RESINX  
LI,R5 1

#CPV+ .. EXTENDED DISPLAY

HO1 15:40 SEP 08, '75

```

5654      02 010B3      F2FA0071 03
5655      02 010B3      21F00080 A
5656      02 010B4      21F00080 A
5657      02 010B5      684010B8
5658      02 010B6      72FA0000 X
5659      02 010B7      4BF00000 X
5660      02 010B8      6AB008DF
5661      02 010B9      B5D60004 A
5662      02 010BA      20300001 A
5663      02 010BB      20500001 A
5664      02 010BC      64A010B3
5665      02 010BD      44E00F59
5666      02 010BE      25E00003 A
5667      02 010BF      44F010B9
5668      02 010C0      25F00002 A
5669      02 010C1      30F011EF
5670      02 010C2      22A00003 A
5671      02 010C3      32D01288
5672      02 010C4      B5D60004 A
5673      02 010C5      20300001 A
5674      02 010C6      64A010C4
5675      02 010C7      B5D60004 A
5676      02 010C8      61E00000 A
5677      02 010C9      25300002 A
5678      02 010CA      52F40000 X
5679      02 010CB      25F00010 A
5680      02 010CC      22A00010 A
5681      02 010CD
5682      02 010CD      22D0004B A
5683      02 010CE      25F00001 A
5684      02 010CF      688010D1
5685      02 010D0      22D000F1 A
5686      02 010D1      F5D60004 A
5687      02 010D2      20300001 A
5688      02 010D3      64A010CD
5689      02 010D4      68001096
5690      02 010D5

```

KDBI1

ANLZ43

KDBI2

KDALBUT

```

EQU      *
LB,R15   *BADRS,R5
CI,R15   X'80'
BAZ      *+3
LB,R15   SB:RBDP,R5
AND,R15  M7
BAL,R11  DEC
STW,R13  *R4,R3
AI,R3    1
AI,R5    1
BDR,R10  KDBI1
ANLZ,R14 ANLZACCT
SLS,R14  3
ANLZ,R15 ANLZ43
SLS,R15  2
AW,R15   ACCTPTR
LI,R10   3
LW,R13   80BLNK+1
STW,R13  *R4,R3
AI,R3    1
BDR,R10  *+2
STW,R13  *R4,R3
MRS,R14  0
SLS,R3   2
LH,R15   BH:PART,R2
SLS,R15  16
LI,R10   16
EQU      *
LI,R13   '!'
SLS,R15  1
BEV      *+2
LI,R13   '!'
STB,R13  *R4,R3
AI,R3    1
BDR,R10  KDBI2
B        KDBI45
EQU      *

```

DETERMINE WHETHER THIS DISPLAY BR D



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236

5691 02 010D5 20C00000 A  
 5692 02 010D6 683010DD  
 5693 02 010D7 02200070 A  
 5694 02 010D8 0BC0008C 03  
 5695  
 5696  
 5697  
 5698  
 5699  
 5700  
 5701  
 5702  
 5703  
 5704  
 5705 02 010D9 6A800B68  
 5706 02 010DA 02200070 A  
 5707 02 010DB 0AC0008C 03  
 5708 02 010DC F800000F A  
 5709 02 010DD 010DD KDAL0U1  
 5710 02 010DD 32B0000F A  
 5711 02 010DE 32100004 A  
 5712 02 010DF 68000759  
 5713 02 010E0 010E0 SETDM  
 5714 02 010E0 02200070 A  
 5715 02 010E1 2A9014A6  
 5716 02 010E2 AB960000 A  
 5717 02 010E3 32F00003 A  
 5718 02 010E4 20F00007 A  
 5719 02 010E5 25F00002 A  
 5720 02 010E6 20FFFFFF A  
 5721 02 010E7 F5F00000 A  
 5722 02 010E8 010E8 SETDM1  
 5723 02 010E8 203FFFFFF A  
 5724 02 010E9 52520000 X  
 5725 02 010EA 4B500000 X  
 5726 02 010EB 49501288  
 5727 02 010EC B5560000 A

AI,R12 0  
 BEZ KDAL0U1  
 LCI 7  
 PSM,R12 TMPSTK

AND OUTPUT MESSAGE TO OPERATOR BR M  
 FILE AS APPROPRIATE.

\*  
 \*  
 \*0\*  
 \*0\*  
 \*0\*  
 \*0\*  
 \*0\*  
 \*0\*  
 \*0\*  
 \*  
 \*

MESSAGE: BATCH QUEUE DISPLAYS  
 MEANING: RESPONSE TO VARIOUS DISPLAY KEYS  
 ACTION: NONE - INFORMATION ONLY

BAL,R8 TEL0P1  
 LCI 7  
 PLM,R12 TMPSTK  
 B \*R15  
 EQU \*  
 LW,R11 R15  
 LW,R1 R4  
 B MOVEMES  
 EQU \*  
 LCI 7  
 LM,R9 ACCTPRT  
 STM,R9 \*R0,R3  
 LW,R15 R3  
 AI,R15 7  
 SL6,R15 2  
 AI,R15 =1  
 STB,R15 \*R0  
 EQU \*  
 AI,R3 =1  
 LH,R5 SH,RNM,R1  
 AND,R5 M16  
 OR,R5 80BLNK\*1  
 STW,R5 \*R0,R3

|      |       |          |              |         |                   |
|------|-------|----------|--------------|---------|-------------------|
| H01  | 15:40 | SEP 08,  | '75          |         |                   |
| 5728 | 02    | 010ED    | 641010E8     |         | BDR,R1 SETDM1     |
| 5729 | 02    | 010EE    | F8000007 A   |         | B *R7             |
| 5730 |       | 02 010FF |              | DISPSER | EQU *             |
| 5731 | 02    | 010EF    | 22500003 A   |         | LI,R5 SERX        |
| 5732 | 02    | 010FO    | 72460000 X   |         | LB,R4 S#B;TYP,R3  |
| 5733 | 02    | 010F1    | 52D80000 X   |         | LH,R13 SHIRNM,R4  |
| 5734 | 02    | 010F2    | 48D00000 X   |         | AND,R13 M16       |
| 5735 | 02    | 010F3    | 49D01220     |         | OR,R13 CMAB       |
| 5736 | 02    | 010F4    | 25D00208 A   |         | SCS,R13 8         |
| 5737 | 02    | 010F5    | R5DA0001 A   |         | STW,R13 *R1,R5    |
| 5738 | 02    | 010F6    | 20500001 A   |         | AI,R5 1           |
| 5739 | 02    | 010F7    | 32D60000 X   |         | LW,R13 S#WISER,R3 |
| 5740 | 02    | 010F8    | R5DA0001 A   |         | STW,R13 *R1,R5    |
| 5741 | 02    | 010F9    | 20500001 A   |         | AI,R5 1           |
| 5742 | 02    | 010FA    | 52360000 X   |         | LH,R3 S#H;LNK,R3  |
| 5743 | 02    | 010FB    | 683010FF     |         | BEZ DSR8          |
| 5744 | 02    | 010FC    | 21500015 A   |         | CI,R5 E8SER       |
| 5745 | 02    | 010FD    | 691010F0     |         | BL DISPSER+1      |
| 5746 | 02    | 010FE    | 20BFFFFE A   |         | AI,R11 *2         |
| 5747 |       | 02 010FF |              | DSR8    | EQU *             |
| 5748 | 02    | 010FF    | 25500002 A   |         | SLS,R5 2          |
| 5749 | 02    | 01100    | 205FFFFFF A  |         | AI,R5 *1          |
| 5750 | 02    | 01101    | F5500001 A   |         | STB,R5 *R1        |
| 5751 | 02    | 01102    | 22500000 N   |         | LI,R5 LCLX        |
| 5752 | 02    | 01103    | 68000759     |         | B MOVEMES         |
| 5753 |       | 02 01104 |              | KDSYMB  | EQU *             |
| 5754 | 02    | 01104    | 72500000 X   |         | LB,R5 SNDDX       |
| 5755 | 02    | 01105    | 205FFFFFFE A |         | AI,R5 *2          |
| 5756 |       | 02 01106 |              | KDSYM1  | EQU *             |
| 5757 | 02    | 01106    | 21500000 N   |         | CI,R5 MXSTRM      |
| 5758 | 02    | 01107    | 68200F7C     |         | BLE LCLCTR1       |
| 5759 | 02    | 01108    | 726A0000 X   |         | LB,R6 SNDDX,R5    |
| 5760 | 02    | 01109    | 68301125     |         | BEZ KDSYM3        |
| 5761 | 02    | 0110A    | 12EC0000 X   |         | LD,R14 DCT16,R6   |
| 5762 | 02    | 0110B    | 22300003 A   |         | LI,R3 3           |
| 5763 | 02    | 0110C    | 75E603E0 03  |         | STB,R14 SYMDM,R3  |
| 5764 | 02    | 0110D    | 35F003E1 03  |         | STW,R15 SYMDM+1   |

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5765 02 0110E 32EA0000 X  
 5766 02 0110F 69301111  
 5767 02 01110 32E01219  
 5768 02 01111 35E003E4 03  
 5769 02 01112 52FA0000 X  
 5770 02 01113 69201116  
 5771 02 01114 32D01288  
 5772 02 01115 68001117  
 5773 02 01116 6AB008E1  
 5774 02 01117 35D003E7 03  
 5775 02 01118 22400000 N  
 5776 02 01119 68301123  
 5777 02 0111A 32FA0000 X  
 5778 02 0111B 6930111D  
 5779 02 0111C 32F01219  
 5780 02 0111D 35F003EA 03  
 5781 02 0111E 72FA0000 X  
 5782 02 0111F 6AB008DF  
 5783 02 01120 22E0007E A  
 5784 02 01121 75E0000D A  
 5785 02 01122 35D003EC 03  
 5786 02 01123 KDSYM2  
 5787 02 01123 224003E0 03  
 5788  
 5789  
 5790  
 5791  
 5792  
 5793  
 5794  
 5795  
 5796  
 5797  
 5798  
 5799 02 01124 6A800B68  
 5800 02 01125 KDSYM3  
 5801 02 01125 205FFFFFF A

LW,R14 STWIFORM,R5  
 BNEZ \*+2  
 LW,R14 F0B2  
 STW,R14 SYMDM1  
 LW,R15 STH;CMDV,R5  
 BGZ \*+3  
 LW,R13 80BLNK+1  
 B \*+2  
 BAL,R11 HEXC  
 STW,R13 SYMDM2  
 LI,R4 STWIF0V  
 BEZ KDSYM2  
 LW,R15 STWIF0V,R5  
 BNEZ \*+2  
 LW,R15 F0B2  
 STW,R15 SYMDM3  
 LB,R15 STBIJDE,R5  
 BAL,R11 DEC  
 LI,R14 =1  
 STB,R14 R13  
 STW,R13 SYMDM4  
 EQU \*  
 LI,R4 SYMDM

#CPV+ .. EXTENDED DISPLAY  
 #CPV+ .. EXTENDED DISPLAY  
 #CPV+ .. EXTENDED DISPLAY  
 #CPV+ .. EXTENDED DISPLAY  
 #CPV+ .. EXTENDED DISPLAY  
 #CPV+ .. EXTENDED DISPLAY  
 #CPV+ .. EXTENDED DISPLAY  
 #CPV+ .. EXTENDED DISPLAY

KDSYM2

\*  
 \*  
 \*0\*  
 \*0\*  
 \*0\*  
 \*0\*  
 \*0\*  
 \*0\*  
 \*0\*  
 \*  
 \*

MESSAGE: SYND D FORMS= XXXX (F0VLY= XXXX JDE= XX)  
 MEANING: REPEATED FOR EACH SYMBIONT DEVICE AS RESPONSE TO THE  
 DISPLAY SYMBIONTS KEYJN  
 ACTION: NONE - INFORMATION ONLY

KDSYM3

BAL,R8 TELs0p1  
 EQU \*  
 AT,R5 =1

```

5802 02 01126 68001106
5803
5804 02 01127
5805 02 01127 21100010 A
5806 02 01128 68280001 A
5807 02 01129 52E40000 X
5808 02 0112A 68380001 A
5809 02 0112B 22F07FFF A
5810 02 0112C 32800002 A
5811 02 0112D 02200030 A
5812 02 0112E 0A00008C 03
5813 02 0112F 6A0002B6
5814 02 01130 6800113B
5815 02 01131 21100010 A
5816 02 01132 6830113B
5817 02 01133 31800002 A
5818 02 01134 6830113B
5819 02 01135 52D40000 X
5820 02 01136 45E0000D A
5821 02 01137 693002B9
5822 02 01138 02200030 A
5823 02 01139 0A00008C 03
5824 02 0113A 68080000 A
5825
5826 02 0113B
5827 02 0113B 02200030 A
5828 02 0113C 0A00008C 03
5829 02 0113D 68080001 A
5830
5831 02 0113E
5832 02 0113E 32200000 X
5833 02 0113F 72560000 X
5834 02 01140 19500000 X
5835 02 01141 6994000C A
5836 02 01142 22C00052 A
1* 02 01143 32900000 X
5838 02 01144 319A0000 X

```

```

*****#CPV*****#CPV*****#CPV*****#CPV*****
B KDSYM1
COMSE LCT EQU $
CI,R1 RUNPRI
BLE 1,R4 CHECK ONLY COMODE OUTPUT FILES
LH,R14 BHICOMID,R2 GET COMID
BEZ 1,R4 NONE
LI,R15 X17FFF1
LW,R8 R2
LCI 3
PSM,RO TMPSTK
BAL,RO FIND CHECK OTHER ENTRIES AT THIS PRIOR.
B PRNTXIT ...FOR ONE WITH SAME COMID
CI,R1 RUNPRI
BE PRNTXIT DONE LOOKING
CW,R8 R2 HAVE WE COME UP TO THIS FILE
BE PRNTXIT YEP
LH,R13 BHICOMID,R2 GET FILE'S COMID
CS,R14 R13 SAME
BNE FIND1 NOPE
LCI 3
PLM,RO TMPSTK
B 0,R4 GOT A MATCH...DON'T DISPLAY THIS...
COMID AGAIN
*
PRNTXIT EQU $
LCI 3
PLM,RO TMPSTK
B 1,R4
*****#CPV*****#CPV*****#CPV*****#CPV*****
BASESW EQU $
LW,2 SWTINIT
LB,5 SNDDX,3
CLM,5 RBLIMS
BCS,9 STORSW1,2
LI,12 L,HSP
LW,9 Y02 HASPBIT IN CORE
CW,9 RBIFLAG,5

```

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5839 02 01145 6944000D A  
 5840 02 01146 22C0001B A  
 5841 02 01147 32920000 X  
 5842 02 01148 70200009 A  
 5843 02 01149 6844000D A  
 5844 0000000C  
 5845 02 0114A 22C00030 A  
 5846 0000000D  
 5847 02 0114B 22900012 A  
 5848 02 0114C 30900002 A  
 5849 02 0114D 75C00009 A  
 5850 02 0114E 35920000 X  
 5851 02 0114F 5800000B A  
 5852 00000012  
 5853 02 01150 02200070 A  
 5854 02 01151 08500000 X  
 5855 02 01152 32200000 X  
 5856 02 01153 32A20000 X  
 5857 02 01154 3230000F A  
 5858 02 01155 72560000 X  
 5859 02 01156 7240000A A  
 5860 02 01157 30400002 A  
 5861 02 01158 68080000 A  
 5862 0000001B  
 5863 02 01159 32BA0000 X  
 5864 02 0115A 21800002 A  
 5865 02 0115B 6844002D A  
 5866 02 0115C 21E00050 A  
 5867 02 0115D 6814002D A  
 5868 02 0115E 3280000D A  
 5869 02 0115F 32940086 A  
 5870 02 01160 75E00009 A  
 5871 02 01161 61800000 A  
 5872 02 01162 22800051 A  
 5873 02 01163 3880000E A  
 5874 02 01164 09100000 X  
 5875 02 01165 32100009 A

BANZ STORSW,2  
 LI,12 LORBT  
 LW,9 SCSVDG1,1  
 LC R9  
 BCR,4 STORSW,R2  
 STORSW1 EQU \*-BASESW  
 LI,12 MCLCL  
 STORSW EQU \*-BASESW  
 LI,9 QPNT  
 AW,9 2  
 STB,12 9  
 STW,9 SCSWIT,1  
 B \*11  
 QPNT EQU \*-BASESW  
 LCI 7  
 PSM,5 TSTACK  
 LW,2 SWTINIT  
 LW,10 SCSWIT,1  
 LW,3 15  
 LR,5 SNDDX,3  
 LB,4 10  
 AW,4 2  
 B 0,4  
 LORBT EQU \*-BASESW  
 LW,11 RBIFLAG,5  
 CI,11 EMBIT  
 BAZ NQBUT,2  
 CI,14 80  
 BGE NQBUT,2  
 LW,8 13  
 LW,9 BUFBA,2  
 STB,14 9  
 MBS,8 0  
 LI,8 81  
 SW,8 14  
 PSW,1 TSTACK  
 LW,1 9

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5876 02 01166 75800001 A  
5877 02 01167 61000000 N  
5878 02 01168 08100000 X  
5879 02 01169 22E00050 A  
5880 0000002C  
5881 02 0116A 32D40086 A  
5882 0000002D  
5883 02 0116B 02200070 A  
5884 02 0116C 0A500000 X  
5885 02 0116D 68000000 X  
5886 00000030  
5887 02 0116E 02200030 A  
5888 02 0116F 0BF00000 X  
5889 02 01170 72460000 X  
5890 02 01171 09400000 X  
5891 02 01172 22B00000 N  
5892 02 01173 19500000 X  
5893 02 01174 6994003C A  
5894 02 01175 22900080 A  
5895 02 01176 21400006 A  
5896 02 01177 68340040 A  
5897 02 01178 22900050 A  
5898 02 01179 6804003F A  
5899 0000003C  
5900 02 0117A 72980000 X  
5901 02 0117B 70280000 X  
5902 02 0117C 69440040 A  
5903 0000003F  
5904 02 0117D 22B00000 N  
5905 00000040  
5906 02 0117E 32340086 A  
5907 02 0117F 22400000 A  
5908 02 01180 3220000D A  
5909 02 01181 72F40000 A  
5910 02 01182 20200001 A  
5911 02 01183 FA00000B A  
5912 02 01184 32200000 X

BUFOUT

NGOUT

H\$LCL

H\$L1

H\$L2

H\$L3

STB,8 1  
MBS,0 BA(BLANK)  
PLW,1 TSTACK  
LI,14 80  
EQU \*-BASESW  
LW,13 BUFBA,2  
EQU \*-BASESW  
LCI 7  
PLM,5 TSTACK  
B NEWQ  
EQU \*-BASESW  
LCI 3  
PSM,15 TSTACK  
LR,4 STBITYP,3  
PSW,R4 TSTACK  
LI,11 PSRCB  
CLM,5 RBLIMS  
BCS,9 H\$L1,2  
LI,9 128  
CI,4 6  
BE H\$L3,2  
LI,9 80  
B H\$L2,2  
EQU \*-BASEFSW  
LB,9 TBIMAX,4  
LC TBIFLGS,4  
BCS,4 H\$L3,2  
EQU \*-BASEFSW  
LI,11 MVREC  
EQU \*-BASESW  
LW,3 BUFBA,2  
LI,R4 0  
LW,2 13  
LB,15 0,2  
AI,2 1  
BAL,0 \*11  
LW,R2 SWTINIT

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5913 02 01185 38340086 A  
 5914 02 01186 32E00003 A  
 5915 02 01187 08400000 X  
 5916 02 01188 02200030 A  
 5917 02 01189 0AF00000 X  
 5918 02 0118A 19500000 X  
 5919 02 0118B 6994002C A  
 5920 02 0118C 21400005 A  
 5921 02 0118D 6934002C A  
 5922 02 0118E 32D40086 A  
 5923 02 0118F 6804001B A  
 5924 00000052  
 5925 02 01190 21E00000 A  
 5926 02 01191 6834002D A  
 5927 02 01192 02200090 A  
 5928 02 01193 0BC00000 X  
 5929 02 01194 52560000 X  
 5930 02 01195 4B540084 A  
 5931 02 01196 6934005A A  
 5932 02 01197 22500008 A  
 5933 02 01198 2550000E A  
 5934 02 01199 7210000C A  
 5935 02 0119A 21100003 A  
 5936 02 0119B 69340064 A  
 5937 02 0119C 3210000D A  
 5938 02 0119D 72420000 A  
 5939 02 0119E 4B440085 A  
 5940 02 0119F 75420000 A  
 5941 02 011A0 22800002 A  
 5942 02 011A1 68040068 A  
 5943 00000064  
 5944 02 011A2 22800020 A  
 5945 02 011A3 21100000 A  
 5946 02 011A4 68340068 A  
 5947 02 011A5 22800022 A  
 5948 00000068  
 5949 02 011A6 75800008 A

L#HSP

L#H2

L#H3

SW,3 BUFBA,2  
 LW,14 3  
 PLW,R4 TSTACK  
 LCI 3  
 PLM,15 TSTACK  
 CLM,5 RBLIMS  
 BCS,9 BUFOUT,2  
 CI,4 5  
 BNE BUFOUT,2  
 LW,13 BUFBA,2  
 B L#RBT,2  
 EQU #BASESW  
 CI,14 0  
 BEZ NQBUT,2  
 LCI 9  
 PSM,12 TSTACK  
 LH,5 STH:FLG,3  
 AND,R5 XC,2  
 BNEZ #+2-BASESW,R2  
 LI,5 8  
 SLS,5 14  
 LR,1 12  
 CI,1 3  
 BNE L#H2,2  
 LW,1 13  
 LB,4 0,1  
 AND,4 XF3,2  
 STB,4 0,1  
 LI,8 2  
 B L#H3,2  
 EQU #BASESW  
 LI,8 X'20'  
 CI,1 0  
 BE L#H3,2  
 LI,8 X'22'  
 EQU #BASESW  
 STB,8 8

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```

5950 02 011A7 3210000E A
5951 02 011A8 22E00087 A
5952 02 011A9 30E00002 A
5953 02 011AA 25D0027E A
5954 02 011AB 7240000D A
5955 02 011AC 2540007A A
5956 02 011AD 32F0000D A
5957 02 011AE 4BF00000 X
5958 02 011AF 22300000 A
5959      00000072
5960 02 011B0 02200050 A
5961 02 011B1 0B100000 X
5962 02 011B2 222000FF A
5963 02 011B3 6AB00000 X
5964 02 011B4 22B00000 A
5965 02 011B5 32800002 A
5966 02 011B6 02200050 A
5967 02 011B7 0A100000 X
5968 02 011B8 21B00000 A
5969 02 011B9 69340072 A
5970 02 011BA 02200090 A
5971 02 011BB 0AC00000 X
5972 02 011BC 32E00008 A
5973 02 011BD 6804002C A
5974      00000080
5975 02 011BE 22E00000 A
5976 02 011BF 46E00000 X
5977 02 011C0 08B00000 X
5978 02 011C1 68000000 X
5979      00000084
5980 02 011C2 0000000C A
5981      00000085
5982 02 011C3 000000F3 A
5983      00000086
5984 02 011C4 00000000 A
5985      00000087
5986      000000FF

```

```

LW,1 14
LI,14 BUF
AW,14 2
SCS,13 =2
LB,4 13
SLS,4 =6
LW,15 13
AND,15 M24
LI,3 0
EQU *-BASESW
LCI 5
PSM,R1 TSTACK
LI,2 BUFSZSW
BAL,11 HOCMP1
LI,R11 0
LW,8 2
LCI 5
PLM,R1 TSTACK
CI,R11 0
BNE HSL,2
LCI 9
PLM,12 TSTACK
LW,14 8
B BUFBUT,2
EQU *-BASESW
LI,R14 0
XW,14 SWTINIT
PLW,11 TSTACK
B RELCB
XC EQU *-BASESW
DATA XIC1
XF3 EQU *-BASESW
DATA XIF31
BUFBA EQU *-BASESW
DATA 0
BUF EQU *-BASESW
BUFSZSW EQU 255

```

HSL4

SWTND

XC

XF3

BUFBA

BUF

BUFSZSW

GET FCN RIGHT



5988  
 1\*  
 2\*  
 3\*  
 4\*  
 5\*  
 6\*  
 7\*  
 8\*  
 9\*  
 10\*  
 11\*  
 5989 02 011C5  
 5990 02 011C5 52B60000 X  
 5991 02 011C6 683011CA  
 5992 02 011C7 49B00000 X  
 5993 02 011C8 55B60000 X  
 5994 02 011C9 68000020  
 5995 02 011CA 22800020  
 5996 02 011CB 224013B7  
 5997 02 011CC 68000B68  
 1\*  
 2\*  
 3\*  
 4\*  
 5\*  
 6\*  
 7\*  
 8\*  
 9\*  
 10\*  
 11\* 02 011CD  
 12\* 02 011CD 22100003 A  
 13\* 02 011CE D2C20007 A  
 14\* 02 011CF 22100020 A  
 15\* 02 011D0 6A0002B6

SWTSIZ EQU \$=BASESW+1  
 \*\*\*\*\*  
 \*F\* NAME: KOSTOP  
 \*F\* PURPOSE: PROCESS RBBAT COMBUF WITH GFC=KOSTOP \*  
 \*F\* REMOVE A SYMBIONT DEVICE FROM CONCURRENT OUTPUT MODE  
 \*F\* DESCRIPTION: THE PASSED SYMBIONT INDEX IS USED TO CHECK IF  
 \*F\* THE ASSOCIATED DEVICE IS IN CONCURRENT OUTPUT MODE,  
 \*F\* IF IT IS, A FLAG IS SET WHICH WILL CAUSE THE DEVICE  
 \*F\* TO HAVE NORMAL PRIORITY SCHEDULING RESUMED WHEN  
 \*F\* THE CURRENT FILE IS DONE PRINTING. IF THE DEVICE  
 \*F\* IS NOT IN CONCURRENT MODE, A MESSAGE TO THAT EFFECT  
 \*F\* IS SENT TO THE OPERATOR.  
 \*  
 KOSTOP EQU \$  
 LW,R11 STH;CMDV,R3 COMODE ID FOR DEVICE  
 BEZ NOTGOING SYMB DEVICE NOT IN CONCURRENT MODE  
 BR,R11 LASTCHNK SET LAST CHUNK FLAG TO FREE DEV.  
 STH,R11 STH;CMDV,R3  
 B CTR1 DONE  
 NOTGOING LI,R8 CTR1  
 LI,R4 CANTSTOP  
 B TEL,OP1 COMPLAIN TO OPERATOR  
 \*F\* NAME: KFLUSH  
 \*F\* PURPOSE: TO PROCESS RBBAT COMBUF WITH GFC=KFLUSH;  
 \*F\* FLUSH COMODE OUTPUT (GET RID OF IT ENTIRELY)  
 \*F\* DESCRIPTION: THE OUTPUT PRIORITY CHAIN IS SEARCHED FOR ALL  
 \*F\* FILES HAVING THE SYSID AND DEVICE TYPE PASSED IN THE  
 \*F\* COMBUF. ALL SUCH FILES ARE MOVED TO THE DELETE CHAIN  
 \*F\* IF THE DEVICE INDICATED BY THE PASSED SYMBIONT INDEX  
 \*F\* IS ACTIVE, IT IS 'X'IED AND THE DEVICE IS THEN REMOVED  
 \*F\* FROM CONCURRENT OUTPUT MODE.  
 \*  
 KFLUSH EQU \$  
 LI,R1 3 DEV. TYPE PASSED IN R5 FROM CTR1  
 LW,R12 \*R7,R1 PICK UP SYSID FROM COMBUF  
 LI,R1 FOPRI AND START LOOKING FOR OUTPUT FILES  
 BAL,R0 FIND ...

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245

16\* 02 011D1 680011DB  
 17\* 02 011D2 21100010 A  
 18\* 02 011D3 682011DB  
 19\* 02 011D4 51C40000 X  
 20\* 02 011D5 693002B9  
 21\* 02 011D6 71540000 X  
 22\* 02 011D7 693002B9  
 23\* 02 011D8 224002B9  
 24\* 02 011D9 22E00023 A  
 25\* 02 011DA 68000555  
 26\* 02 011DB 323000ED 03  
 27\* 02 011DB 323000ED 03  
 28\* 02 011DC 72460000 X  
 29\* 02 011DD 21400001 A  
 30\* 02 011DE 693011C5  
 31\* 02 011DF 224000E7 A  
 32\* 02 011E0 75460000 X  
 33\* 02 011E1 680011C5

011DB

FLUSHX

B FLUSHX  
 CI,R1 RUNPRI  
 BLE FLUSHX  
 CH,R12 BH,SID,R2  
 BNE FIND1  
 CB,R5 BB,DEV,R2  
 BNE FIND1  
 LI,R4 FIND1  
 LI,R14 DELPRI  
 B CHNGRSET  
 EQU \*  
 LW,R3 SYMINDX  
 LB,R4 SSTAT,R3  
 CI,R4 1  
 BNE KOSTOP  
 LI,R4 'X'  
 STB,R4 SSIG,R3  
 B KOSTOP

NO MORE ANYTHING  
 ARE WE STILL IN OUTPUT FILE CHAIN  
 NOPE  
 IS THIS THE SYSID WE'RE LOOKING FOR  
 NO  
 IS THIS FILE FOR THE RIGHT DEV. TYP  
 NO  
 RETURN ADDR. FOR CHNGRSET  
 GO MOVE THE FILE WE JUST FOUND...  
 ...TO THE DELETE CHAIN.

GET THIS DEVICE'S STATUS BITS  
 IS THE BEAST ACTIVE  
 NOPE; DON'T BOTHER X-ING IT.  
 YES; BOTHER X-ING IT

AND REMOVE DEVICE FROM COMODE.

5998  
 5999  
 6000  
 6001  
 6002  
 6003  
 6004  
 6005  
 6006  
 6007  
 6008  
 6009  
 6010  
 6011  
 6012  
 6013  
 6014  
 6015  
 6016

02 011E2 08000001 A  
 02 011E3 09000001 A  
 02 011E4 0F000001 A  
 02 011E5 14000000 A  
 02 011E6 00000003 A  
 02 011E7 05010000 A  
 02 011E8 50000850 03  
 02 011E9 26000028 A  
 02 011EA 5000001B A  
 02 011EB 2800001E A  
 02 011EC 50000794 03  
 02 011ED 500007F0 03  
 02 011EE 50000AB1 03  
 02 011EF 08000002 A

\*\*\*\*\*  
 \* DATA \*  
 \*\*\*\*\*  
 \*  
 \*  
 GTPG GEN,8,24 8,1  
 FREPG GEN,8,24 9,1  
 WAIT GEN,8,24 X'F',1  
 IGTRAPS GEN,8,24 X'14',0  
 DATA 3  
 FVP GEN,8,24 5,Vp  
 RBU0BMPTR GEN,8,24 80,BA(RBU0BM2)  
 RMTBPTR GEN,8,24 38,40  
 BRSTPTR GEN,8,24 80,27  
 PBNPTR GEN,8,24 40,30  
 BCSTPTR GEN,8,24 80,BA(HDRM)  
 SNDPTR GEN,8,24 80,BA(0PM1)  
 IDCPTR GEN,8,24 80,BA(ID)+1  
 ACCTPTR GEN,8,24 8,2

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|      |    |       |          |    |          |          |                               |
|------|----|-------|----------|----|----------|----------|-------------------------------|
| 6017 | 02 | 011F0 | 78000AB0 | 03 | IDPTR    | GEN,8,24 | 120,BA(ID)                    |
| 6018 | 02 | 011F1 | 20000035 | A  | QBRPTR   | GEN,8,24 | 32,53                         |
| 6019 | 02 | 011F2 | 08000583 | 03 | SLSGSPTR | GEN,8,24 | 8,BA(SLSG+8)+3                |
| 6020 | 02 | 011F3 | 5004065B | A  | SLSGPTR  | GEN,8,24 | SLSGSZ,SLSGG0+SLSGBSZ         |
| 6021 | 02 | 011F4 | 000005C6 | 03 | RMTPUT   | DATA     | BA(RMTNUM)*2                  |
| 6022 | 02 | 011F5 | A0040000 | A  | ZERPTR   | GEN,8,24 | 160,VP**2                     |
| 6023 | 02 | 011F6 | 08000038 | A  | CRDPTR   | GEN,8,24 | 8,R14**2                      |
| 6024 | 02 | 011F7 | 005AD9C2 | A  | BANGRB   | DATA     | C' RB'                        |
| 6025 | 02 | 011F8 | 5AD9C200 | A  | YBANGRB  | DATA     | X'5AD9C200'                   |
| 6026 |    |       |          |    | BBUND    |          | 8                             |
| 6027 | 02 | 011FA | 07C1D3D3 | A  | TCAT     | TEXTC    | 'ALLBCAT'                     |
|      | 02 | 011FB | D6C3C1E3 | A  |          |          |                               |
| 6028 | 02 | 011FC | 5AD7C1E2 | A  | PASSWORD | TEXT     | 'PASSWORD'                    |
|      | 02 | 011FD | E2E6D6D9 | A  |          |          |                               |
| 6029 | 02 | 011FE |          |    | MNDL     | EQU      | 8                             |
| 6030 | 02 | 011FE | 00000000 | N  |          | DATA     | HASPI8                        |
| 6031 | 02 | 011FF | 00000000 | N  |          | DATA     | HASPCU                        |
| 6032 | 02 | 01200 | 00000000 | N  |          | DATA     | 2780I8                        |
| 6033 | 02 | 01201 | 00000000 | N  |          | DATA     | 2780CU                        |
| 6034 | 02 | 01202 | 00004A20 |    | RMTCLR   | DATA     | BA(80BLNK+1)                  |
| 6035 | 02 | 01203 | 0800057A | 03 |          | GEN,8,24 | 8,BA(SLSG)+SLSGRMT            |
| 6036 | 02 | 01204 | 00000164 | 03 | RFXPTR   | DATA     | BA(FRMNM)                     |
| 6037 | 02 | 01205 | 0400051F | 03 |          | GEN,8,24 | 4,BA(REQFXP+1)+3              |
| 6038 | 02 | 01206 | D3D6C3C1 | A  | TLCL     | TEXT     | 'LOCAL'                       |
|      | 02 | 01207 | D3404040 | A  |          |          |                               |
| 6039 | 02 | 01208 | 7AE2E8E2 | A  | SYS      | TEXT     | 'SYS'                         |
|      | 02 | 01209 | 40404040 | A  |          |          |                               |
| 6040 | 02 | 0120A | 00000560 | 03 | SLSGBPT  | DATA     | SLSGB                         |
| 6041 | 02 | 0120B | 0B040650 | A  |          | GEN,8,24 | SLSGBSZ,SLSGG0                |
| 6042 | 02 | 0120C | 000005BB | 03 | SLSGEPT  | DATA     | SLSGE                         |
| 6043 | 02 | 0120D | 060406AB | A  |          | GEN,8,24 | SLSGESZ,SLSGG0+SLSGRS7+SLSGSZ |
| 6044 | 02 | 0120E | D3C9D4C9 | A  | LIMIT1   | TEXT     | 'LIMIT1'                      |
| 6045 | 02 | 0120F | D4C9E340 | A  | LIMIT2   | TEXT     | 'LIMIT2'                      |
| 6046 | 02 | 01210 | D9C5E240 | A  | RES      | TEXT     | 'RES'                         |
| 6047 | 02 | 01211 | 5AD1D6C2 | A  | TJOB     | TEXT     | 'JOB'                         |
| 6048 | 02 | 01212 | C1D3D340 | A  | TALL     | TEXT     | 'ALL'                         |
| 6049 | 02 | 01213 | 5AC5D6C4 | A  | TEBD     | TEXT     | 'EBD'                         |

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|      |    |          |          |   |          |             |                             |
|------|----|----------|----------|---|----------|-------------|-----------------------------|
| 6050 | 02 | 01214    | F0F0F0F0 | A | TZER0S   | TEXT        | '0000'                      |
| 6051 | 02 | 01215    | R0808080 | A | X80S     | DATA        | X'180808080'                |
| 6052 | 02 | 01216    | 21000021 | A | SLASLA   | DATA        | X'21000021'                 |
| 6053 | 02 | 01217    | 4000007A | A | TMESET   | DATA        | X'4000007A'                 |
| 6054 | 02 | 01218    | 4040F140 | A | F1B2     | DATA        | X'4040F140'                 |
| 6055 | 02 | 01219    | 4040F040 | A | FOB2     | TEXT        | ' 0 '                       |
| 6056 | 02 | 0121A    | F140F140 | A | BRDAC    | DATA        | X'F140F140'                 |
| 6057 | 02 | 0121B    | 165CE200 | A | FRMMX    | DATA        | X'165CE200'                 |
| 6058 | 02 | 0121C    | 404040E3 | A | TXTT     | TEXT        | ' T '                       |
| 6059 | 02 | 0121D    | 404040D3 | A | TXTL     | TEXT        | ' L '                       |
| 6060 | 02 | 0121E    | 02C1F15C | A | BRSTW2   | DATA        | X'02C1F15C'                 |
| 6061 | 02 | 0121F    | FFEOCOA1 | A | BRSTWH   | DATA        | X'02A2B1FD' = X'02C1F15C'   |
| 6062 | 02 | 01220    | 6B400000 | A | CMAB     | DATA        | X'6B400000' COMMA,BLANK,0,0 |
| 6063 | 02 | 01221    | 00000000 | A | 3ZER0    | DATA        | 0,0,0                       |
|      | 02 | 01222    | 00000000 | A |          |             |                             |
| 6064 | 02 | 01223    | 00000000 | A |          |             |                             |
|      | 02 | 01224    | 00000012 | A | X12      | DATA        | X'12'                       |
| 6065 | 02 | 01225    | 00508A04 | A | PUNBAN   | DATA        | X'508A04'                   |
| 6066 | 02 | 01226    | 000000F0 | A | XFO      | DATA        | X'F0'                       |
| 6067 | 02 | 01227    | 00007FFF | A | X7FFF    | DATA        | X'7FFF'                     |
| 6068 | 02 | 01228    | 0000000A | A | TEN      | DATA        | 10                          |
| 6069 | 02 | 01229    | 01FF0300 | N | LTFCN    | GEN,8,8,8,8 | 1,255,3,0CDCT               |
| 6070 | 02 | 0122A    | 02FF0300 | N | RTFCN    | GEN,8,8,8,8 | 2,255,3,0CDCT               |
| 6071 | 02 | 0122B    | 00FF0300 | A | DSKFCN   | GEN,8,8,8,8 | 0,255,3,0                   |
| 6072 | 02 | 0122C    | 03FF0300 | A | XP2FCN   | GEN,8,8,8,8 | 3,255,3,0                   |
| 6073 |    |          | 00000008 |   | LGNFCN   | EQU         | 8 COMMON RP LOGGN FUNCTION  |
| 6074 | 02 | 0122D    | 00FF0F00 | N | RBTMSK   | GEN,8,8,8,8 | T0F0;D0T,255,15,0           |
| 6075 | 02 | 0122E    | 08FF0F00 | A | LGNMSK   | GEN,8,8,8,8 | LGNFCN,255,15,0             |
| 6076 | 02 | 0122F    | 01FF0300 | A | WDSKFCN  | GEN,8,8,8,8 | 1,255,3,0                   |
| 6077 | 02 | 01230    | 00FF0F00 | N | MAFCN    | GEN,8,8,8,8 | HRS;D0T,255,15,0            |
| 6078 | 02 | 01231    | 00FF0F00 | N | MNFCN    | GEN,8,8,8,8 | HAR;D0T,255,15,0            |
| 6079 | 02 | 01232    | 00FF0F00 | N | SLFCN    | GEN,8,8,8,8 | HSE;D0T,255,15,0            |
| 6080 |    | 02 01232 |          |   | SSIGS    | EQU         | S=1                         |
| 6081 | 02 | 01233    | C3D9E7D8 | A |          | TEXT        | 'CRXQ'                      |
| 6082 |    | EXT      |          |   | LASTCHNK | EQU         | X8000                       |
| 6083 |    |          |          |   | *****    |             | PRIORITYS ARE AS FOLLOWS:   |
| 6084 |    | 00000000 |          |   | OIPRI    | EQU         | X'00'                       |

PRIORITYS ARE AS FOLLOWS:  
0 PRI0 INPUT

|      |          |          |     |        |                                     |
|------|----------|----------|-----|--------|-------------------------------------|
| 6085 | 0000000F | FIPRI    | EQU | X'0F'  | F PRI0 INPUT                        |
| 6086 | 00000010 | RUNPRI   | EQU | X'10'  | RUNNING                             |
| 6087 | 00000011 | OBPRI    | EQU | X'11'  | O PRI0 OUTPUT                       |
| 6088 | 00000020 | F0PRI    | EQU | X'20'  | F PRI0 OUTPUT                       |
| 6089 | 00000021 | MFPRI    | EQU | X'21'  | MESSAGE FILES                       |
| 6090 | 00000022 | NCIPRI   | EQU | X'22'  | NON-CONTROL INPUT                   |
| 6091 | 00000023 | DELPRI   | EQU | X'23'  | TO BE DELETED                       |
| 6092 | 00000024 | FREI     | EQU | X'24'  | FREE INPUT                          |
| 6093 | 00000025 | FRE0     | EQU | X'25'  | FREE OUTPUT                         |
| 6094 |          | *****    |     |        |                                     |
| 6095 | EXT      | ORDBIT   | EQU | Y8     | FLAG BITS KEPT IN BWISDA            |
| 6096 | EXT      | ACCTBIT  | EQU | Y4     |                                     |
| 6097 | EXT      | XHOLDBIT | EQU | Y1     |                                     |
| 6098 | EXT      | MFBIT    | EQU | Y08    |                                     |
| 6099 | EXT      | DELBIT   | EQU | Y2     |                                     |
| 6100 | EXT      | H0DLBT   | EQU | Y3     |                                     |
| 6101 | EXT      | HOLDBIT  | EQU | Y1     |                                     |
| 6102 | EXT      | RRBIT    | EQU | Y04    |                                     |
| 6103 | EXT      | RRRBIT   | EQU | Y02    |                                     |
| 6104 | EXT      | JEBIT    | EQU | Y01    |                                     |
| 6105 | EXT      | SWITBIT  | EQU | Y01    |                                     |
| 6106 |          | *****    |     |        |                                     |
| 6107 | 00000006 | I0FCN    | EQU | 6      | SYMBIANT FORMAT PRINT FUNCTION CODE |
| 6108 | 00000006 | BRSTFCN  | EQU | X'86'  | SYMBIANT BURST FUNCTION CODE        |
| 6109 | 000000A0 | B0MSK    | EQU | X'1A0' | *****                               |
| 6110 | 0000000E | CEB      | EQU | X'E'   | SCANNER MASKS AND BRANCH CONDITIONS |
| 6111 | 0000000D | CEP      | EQU | X'D'   | SEE TRTBL FOR EXPLANATION           |
| 6112 | 000000F0 | C0BLMSK  | EQU | X'EO'  |                                     |
| 6113 | 00000004 | C0MA     | EQU | 4      |                                     |
| 6114 | 0000000C | C0ME     | EQU | X'C'   |                                     |
| 6115 | 000000F0 | C0MMSK   | EQU | X'CO'  |                                     |
| 6116 | 00000000 | F0CMSK   | EQU | X'80'  |                                     |
| 6117 | 00000008 | E0C      | EQU | 8      |                                     |
| 6118 | 00000001 | PAR      | EQU | 1      |                                     |
| 6119 | 00000001 | NBMSK    | EQU | X'C1'  |                                     |
| 6120 | 000000F4 | NXMSK    | EQU | X'F4'  |                                     |
| 6121 | 000000F2 | NDMSK    | EQU | X'F2'  |                                     |

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6122 000000F8  
6123 0000000F  
6124 00000090  
6125  
6126 02 01233  
6127 02 01234 000003E8 A  
6128 02 01235 00000384 A  
6129 02 01236 00000320 A  
6130 02 01237 0000028C A  
6131 02 01238 00000258 A  
6132 02 01239 000001F4 A  
6133 02 0123A 00000190 A  
6134 02 0123B 0000012C A  
6135 02 0123C 000000C8 A  
6136 02 0123D 00000096 A  
6137 02 0123E 00000064 A  
6138 02 0123F 00000032 A  
6139 02 01240 00000019 A  
6140 02 01241 0000000A A  
6141  
6142  
6143  
6144  
6145 02 01242 0B4040C3 A  
02 01243 06D5D5C5 A  
02 01244 03E3C5C4 A  
6146 FR  
6147 FR  
6148 02 01245 1B4040C6 A  
02 01246 01C9D3C5 A  
02 01247 0440E3D6 A  
02 01248 40D3D6C7 A  
02 01249 40E2E3C1 A  
02 0124A F3C9D6D5 A  
02 0124B 40D6D55A A  
6149 02 0124C 185CC2C1 A  
02 0124D 0440E6E2 A

NNMSK EQU X'F8'  
NBPM SK EQU X'DF'  
PARMSK EQU X'90'  
\*\*\*\*\*  
GRNLMS EQU \$=1  
DATA 1000  
DATA 900  
DATA 800  
DATA 700  
DATA 600  
DATA 500  
DATA 400  
DATA 300  
DATA 200  
DATA 150  
DATA 100  
DATA 50  
DATA 25  
DATA 10

\*\*\*\*\*  
\*\*\*\*\*  
\* OPERATOR MESSAGES \*  
\*\*\*\*\*

DUMES TEXTC 'CONNECTED'  
NBJ08M EQU NJMES  
ILJ08M EQU BDJM  
N0LOGM TEXTC 'FAILED TO LOG STATION ON '

BKSWM TEXTC '\*BAD WSN OR DEV ON RBSW'

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02 0124E D540D6D9 A  
 02 0124F 40C4C5E5 A  
 02 01250 40D6D540 A  
 02 01251 5AD9C2E2 A  
 6150 02 01252 F6404040 A  
 02 01253 1E5CD5D6 A  
 02 01254 F3C8C9D5 A  
 02 01255 C740E5C1 A  
 02 01256 D3C9C440 A  
 02 01257 C6D6D940 A  
 02 01258 5AD9C2E2 A  
 02 01259 F640C6D6 A  
 6151 02 0125A F4D5C440 A  
 02 0125B 1F5CD9C2 A  
 02 0125C C3D6D440 A  
 02 0125D C9D3D3C5 A  
 02 0125E C7C1D340 A  
 02 0125F C6D6D940 A  
 02 01260 F3C8C9E2 A  
 02 01261 40E2E3C1 A  
 02 01262 F3C9D6D5 A  
 6152 FR  
 6153 02 01263 0E4040C4 A  
 02 01264 C9E2C3D6 A  
 02 01265 D5D5C5C3 A  
 02 01266 F3C5C440 A  
 6154 02 01267 164040C9 A  
 02 01268 D5E2E4C6 A  
 02 01269 C6C9C3C9 A  
 02 0126A C5D5E340 A  
 02 0126B F2E3D9C5 A  
 02 0126C C1D4E240 A  
 6155 02 0126D 0B4040C5 A  
 02 0126E D9D9D6D9 A  
 02 0126F 40D4C1E7 A

BKSW1M TEXTC !\*NOTHING VALID FOR RBSW FOUND!

KCOMEM TEXTC !\*RBCOM ILLEGAL FOR THIS STATION!

OPDISCM EQU DISCM  
HUMES TEXTC ! DISCONNECTED!

NSTRMM TEXTC ! INSUFFICIENT STREAMS!

EDISM TEXTC ! ERROR MAX!

SPRID EQU 1

\*\*\*\*\*

6156 00000001

6157

6158  
6159  
6160 02 01270 45F10C40 A  
6161  
6162 02 01271 5C5C5C5C A  
02 01272 5C5C40C3 A  
02 01273 0760E540 A  
02 01274 09C5D4D6 A  
02 01275 F3C540C2 A  
02 01276 C1E3C3C8 A  
02 01277 40C1E340 A  
02 01278 F8D6E4D9 A  
02 01279 40E2C5D9 A  
02 0127A F5C9C3C5 A  
02 0127B 40406060 A  
02 0127C 4040D3D6 A  
02 0127D C7D6D540 A  
02 0127E 07D3C5C1 A  
02 0127F F2C55A40 A  
02 01280 5C5C5C5C A  
02 01281 5C5C4040 A  
  
6163  
6164 02 01282 785C5C5C A  
6165 02 01283 5C5C5C5C A  
02 01284 5C5C5C5C A  
02 01285 5C5C5C5C A  
02 01286 5C5C5C5C A  
  
6166  
6167 02 01287 82404040 A  
02 01288 40404040 A  
02 01289 40404040 A  
02 0128A 40404040 A  
02 0128B 40404040 A  
02 0128C 40404040 A  
02 0128D 40404040 A  
02 0128E 40404040 A  
02 0128F 40404040 A

\* REMOTE MESSAGES \*

\*\*\*\*\*  
SALUTE DATA X145F10C40!  
TEXT !\*\*\*\*\* CP-V REMOTE BATCH AT YOUR SERVICE! ,,  
! - LOGON PLEASE \*\*\*\*\*!

BOUND 8  
120ASTER DATA X1785C5C5C!  
TEXT !\*\*\*\*\*!

80BLNK TEXTC !  
!

! !  
!



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02 01290 40404040 A  
 02 01291 40404040 A  
 02 01292 40404040 A  
 02 01293 40404040 A  
 02 01294 40404040 A  
 02 01295 40404040 A  
 02 01296 40404040 A  
 02 01297 40404040 A  
 02 01298 40404040 A  
 02 01299 40404040 A  
 02 0129A 40404040 A  
 02 0129B 40404040 A  
 6168 02 0129C 5C5C5C5C A  
 02 0129D 5C5C5C5C A  
 02 0129E 5C5C5C5C A  
 02 0129F 5C5C5C5C A  
 02 012A0 5C5C5C5C A  
 02 012A1 5C5C4040 A  
 6169 02 012A2 2FF10C5C A  
 6170  
 6171 02 012A3 5C5C40C3 A  
 02 012A4 C1D9C440 A  
 02 012A5 D9C5C1C4 A  
 02 012A6 40D5D6E3 A  
 02 012A7 405AD9C2 A  
 02 012A8 C9C44060 A  
 02 012A9 6040C3C1 A  
 02 012AA D5D5D6E3 A  
 02 012AB 40D3D6C7 A  
 02 012AC 40E8D6E4 A  
 02 012AD 40D6D55A A  
 6172 02 012AE 30F10C5C A  
 6173  
 6174 02 012AF 5C5C40C9 A  
 02 012B0 D5E2E4C6 A  
 02 012B1 C6C9C3C9 A  
 02 012B2 C5D5E340 A

TEXT !\*\*\*\*\*!

N8TIDM DATA X12FF10C5C!  
 TEXT !\*\* CARD READ NOT RBID .. CANNOT !,  
 !LOG YOU ON !

NSTRM DATA X130F10C5C!  
 TEXT !\*\* INSUFFICIENT STREAMS .. CANNOT !,  
 !LOG YOU ON !

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02 012B3 F2E3D9C5 A  
 02 012B4 C1D4E240 A  
 02 012B5 606040C3 A  
 02 012B6 C1D5D5D6 A  
 02 012B7 F340D3D6 A  
 02 012B8 C740E8D6 A  
 02 012B9 F440D6D5 A  
 02 012BA 5A404040 A  
 6175 02 012BB 34F10C5C A

ILIDM

DATA  
TEXT

X134F10C5C!  
 !\*\* ILLEGAL WORK STATION NAME -- CANNOT !,  
 !LOG YOU ON!

6176  
 6177 02 012BC 5C5C40C9 A  
 02 012BD D3D3C5C7 A  
 02 012BE C1D340E6 A  
 02 012BF D6D9D240 A  
 02 012C0 F2E3C1E3 A  
 02 012C1 C9D6D540 A  
 02 012C2 D5C1D4C5 A  
 02 012C3 40606040 A  
 02 012C4 C3C1D5D5 A  
 02 012C5 D6E340D3 A  
 02 012C6 D6C740E8 A  
 02 012C7 D6E440D6 A  
 02 012C8 D5404040 A  
 6178 02 012C9 33F10C5C A

SAMIDM

DATA  
TEXT

X133F10C5C!  
 !\*\* WORK STATION NAME IN USE -- CANNOT !,  
 !LOG YOU ON!

6179  
 6180 02 012CA 5C5C40E6 A  
 02 012CB D6D9D240 A  
 02 012CC F2E3C1E3 A  
 02 012CD C9D6D540 A  
 02 012CE D5C1D4C5 A  
 02 012CF 40C9D540 A  
 02 012D0 F4E2C540 A  
 02 012D1 606040C3 A  
 02 012D2 C1D5D5D6 A  
 02 012D3 F340D3D6 A  
 02 012D4 C740E8D6 A  
 02 012D5 F440D6D5 A

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6181 02 012D6

MSBSE  
BDFLD

EQU  
TEXTC

\*  
\*CC FIELDS BAD: ILLEGAL(#), NONEXISTANT!,  
!(\*), OR NOT YOUR(\$) SYSID!

6182  
6183  
02 012D6 415CC3C3 A  
02 012D7 40C6C9C5 A  
02 012D8 D3C4E240 A  
02 012D9 C2C1C47A A  
02 012DA 4040C9D3 A  
02 012DB D3C5C7C1 A  
02 012DC D34D7B5D A  
02 012DD 6B40D5D6 A  
02 012DE D5C5E7C9 A  
02 012DF F2E3C1D5 A  
02 012E0 F34D5C5D A  
02 012E1 6B40D6D9 A  
02 012E2 40D5D6E3 A  
02 012E3 40E8D6E4 A  
02 012E4 D94D5B5D A  
02 012E5 40E2E8E2 A  
02 012E6 C9C44040 A

BDDEV

TEXTC

\*  
\*CC FIELDS BAD; ILLEGAL(#), UNKNOWN(\*),  
!, OR INVALID(\$) DEVNAME!

6184  
6185  
02 012E7 3B5CC3C3 A  
02 012E8 40C6C9C5 A  
02 012E9 D3C4E240 A  
02 012EA C2C1C47A A  
02 012EB 40C9D3D3 A  
02 012EC C5C7C1D3 A  
02 012ED 4D7B5D6B A  
02 012EE F4D5D2D5 A  
02 012EF D6E6D54D A  
02 012F0 5C5D6BD6 A  
02 012F1 D940C9D5 A  
02 012F2 F5C1D3C9 A  
02 012F3 C44D5B5D A  
02 012F4 40C4C5E5 A  
02 012F5 D5C1D4C5 A  
6186  
02 012F6 2A5CC2C1 A  
02 012F7 C440D9C2 A

BDSWM

TEXTC

\*  
\*BAD RBSWITCH; ILLEGAL WSN OR SWITCH TYPE;

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02 012F8 F2E6C9E3 A  
 02 012F9 C3C87A40 A  
 02 012FA 40C9D3D3 A  
 02 012FB C5C7C1D3 A  
 02 012FC 40E6E2D5 A  
 02 012FD 40D6D940 A  
 02 012FE F2E6C9E3 A  
 02 012FF C3C840E3 A  
 6187 02 01300 F8D7C540 A  
 6188 02 01301 03404040 A  
 6189 02 01302 315CC3C3 A  
 02 01303 40C5D9D9 A  
 02 01304 D6D97A40 A  
 02 01305 40C2C1C4 A  
 02 01306 40D6D7E3 A  
 02 01307 C9D6D54D A  
 02 01308 5B5D6B40 A  
 02 01309 F2E8D5E3 A  
 02 0130A C1E74D7B A  
 02 0130B 5D6B40D6 A  
 02 0130C D940E5C1 A  
 02 0130D D3E4C54D A  
 6190 02 0130E 5C5D4040 A  
 02 0130F 145CC9D3 A  
 02 01310 D3C5C7C1 A  
 02 01311 D340D1D6 A  
 02 01312 C240C3D6 A  
 02 01313 D4D4C1D5 A  
 02 01314 C4404040 A  
 6191 02 01315 545C5AD3 A  
 6192 02 01316 C9D4C9E3 A  
 02 01317 40C5D9D9 A  
 02 01318 D6D97A40 A  
 02 01319 F2E8D5E3 A  
 02 0131A C1E74D7B A

T0FM TEXTC  
BSZFLD TEXTC

! \*CC ERROR: BAD OPTION(#), SYNTAX(#), OR !, !  
! VALUE(\*)!

BDJM TEXTC

! \*ILLEGAL JOB COMMAND!

BDRESM TEXTC

! \* LIMIT ERROR: SYNTAX(#), OPTION(#), OR !, !  
! VALUE(\*) BAD; OR VALUE TOO BIG FOR SYSTEM(&)!

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|      |    |       |          |   |         |       |                                     |
|------|----|-------|----------|---|---------|-------|-------------------------------------|
|      | 02 | 0131B | 5D6B40D6 | A |         |       |                                     |
|      | 02 | 0131C | D7E3C9D6 | A |         |       |                                     |
|      | 02 | 0131D | D54D5B5D | A |         |       |                                     |
|      | 02 | 0131E | 6B40D6D9 | A |         |       |                                     |
|      | 02 | 0131F | 40E5C1D3 | A |         |       |                                     |
|      | 02 | 01320 | F4C54D5C | A |         |       |                                     |
|      | 02 | 01321 | 5D40C2C1 | A |         |       |                                     |
|      | 02 | 01322 | C45E40D6 | A |         |       |                                     |
|      | 02 | 01323 | D940E5C1 | A |         |       |                                     |
|      | 02 | 01324 | D3E4C540 | A |         |       |                                     |
|      | 02 | 01325 | F3D6D640 | A |         |       |                                     |
|      | 02 | 01326 | C2C9C740 | A |         |       |                                     |
|      | 02 | 01327 | C6D6D940 | A |         |       |                                     |
|      | 02 | 01328 | F2E8E2E3 | A |         |       |                                     |
|      | 02 | 01329 | C5D44D50 | A |         |       |                                     |
| 6193 | 02 | 0132A | 5D404040 | A | NO SERM | TEXTC | ! *OUT OF SERIAL NUMBER SPACE!      |
|      | 02 | 0132B | 1B5CD6E4 | A |         |       |                                     |
|      | 02 | 0132C | F340D6C6 | A |         |       |                                     |
|      | 02 | 0132D | 40E2C5D9 | A |         |       |                                     |
|      | 02 | 0132E | C9C1D340 | A |         |       |                                     |
|      | 02 | 0132F | D5E4D4C2 | A |         |       |                                     |
|      | 02 | 01330 | C5D940E2 | A |         |       |                                     |
| 6194 | 02 | 01331 | D7C1C3C5 | A | NO SLM  | TEXTC | ! *OUT OF MFILE SLOTS - MFILE LOST! |
|      | 02 | 01332 | 205CD6E4 | A |         |       |                                     |
|      | 02 | 01333 | F340D6C6 | A |         |       |                                     |
|      | 02 | 01334 | 40D4C6C9 | A |         |       |                                     |
|      | 02 | 01335 | D3C540E2 | A |         |       |                                     |
|      | 02 | 01336 | D3D6E3E2 | A |         |       |                                     |
|      | 02 | 01337 | 406040D4 | A |         |       |                                     |
|      | 02 | 01338 | C6C9D3C5 | A |         |       |                                     |
|      | 02 | 01339 | 40D3D6E2 | A |         |       |                                     |
| 6195 | 02 | 0133A | F3404040 | A | ACCP TM | TEXTC | ! *JOB ACCEPTED!                    |
|      | 02 | 0133B | D05CD1D6 | A |         |       |                                     |
|      | 02 | 0133C | C240C1C3 | A |         |       |                                     |
|      | 02 | 0133D | C3C5D7E3 | A |         |       |                                     |
|      | 02 | 0133E | C5C44040 | A |         |       |                                     |
| 6196 | 02 | 0133F | D05CD1D6 | A | ABORTM  | TEXTC | ! *JOB ABORTED!                     |

|      |    |       |          |   |       |       |   |
|------|----|-------|----------|---|-------|-------|---|
|      | 02 | 01340 | C240C1C2 | A |       |       |   |
|      | 02 | 01341 | D6D9E3C5 | A |       |       |   |
|      | 02 | 01342 | C4404040 | A |       |       |   |
| 6197 | 02 | 01343 | 7AE3C5D9 | A | J0BMT | TEXT  | !; TERMINAL JOB !                           |
|      | 02 | 01344 | D4C9D5C1 | A |       |       |   |
|      | 02 | 01345 | D340D1D6 | A |       |       |   |
|      | 02 | 01346 | C2404040 | A |       |       |   |
| 6198 | 02 | 01347 | 7AD7D9D6 | A | J0BMP | TEXT  | !; PROCESSOR JOB !                          |
|      | 02 | 01348 | C3C5E2E2 | A |       |       |   |
|      | 02 | 01349 | D6D940D1 | A |       |       |   |
|      | 02 | 0134A | D6C24040 | A |       |       |   |
| 6199 | 02 | 0134B | C9D5D7E4 | A | INPTM | TEXT  | ! INPUT !                                   |
|      | 02 | 0134C | F3404040 | A |       |       |   |
| 6200 | 02 | 0134D | 215CC1C2 | A | NRMES | TEXTC | ! * ABOVE JOB NEEDS PARTITION CHANGE !      |
|      | 02 | 0134E | D6E5C540 | A |       |       |   |
|      | 02 | 0134F | D1D6C240 | A |       |       |   |
|      | 02 | 01350 | D5C5C5C4 | A |       |       |   |
|      | 02 | 01351 | F240D7C1 | A |       |       |   |
|      | 02 | 01352 | D9E3C9E3 | A |       |       |   |
|      | 02 | 01353 | C9D6D540 | A |       |       |   |
|      | 02 | 01354 | C3C8C1D5 | A |       |       |   |
|      | 02 | 01355 | C7C54040 | A |       |       |   |
| 6201 | 02 | 01356 | 1A404040 | A | ASTER | TEXTC | ! ***** !                                   |
|      | 02 | 01357 | 40404040 | A |       |       |   |
|      | 02 | 01358 | 405C5C5C | A |       |       |   |
|      | 02 | 01359 | 5C5C5C5C | A |       |       |   |
|      | 02 | 0135A | 5C5C5C5C | A |       |       |   |
|      | 02 | 0135B | 5C5C5C5C | A |       |       |   |
|      | 02 | 0135C | 5C5C5C40 | A |       |       |   |
| 6202 | 02 | 0135D | 255CD5D6 | A | N0SYS | TEXTC | ! * NO ; SYS AUTHORIZATION .. JOB DELETED ! |
|      | 02 | 0135E | 407AE2E8 | A |       |       |   |
|      | 02 | 0135F | F240C1E4 | A |       |       |   |
|      | 02 | 01360 | F3C8D6D9 | A |       |       |   |
|      | 02 | 01361 | C9E9C1E3 | A |       |       |   |
|      | 02 | 01362 | C9D6D540 | A |       |       |   |
|      | 02 | 01363 | 606040D1 | A |       |       |   |
|      | 02 | 01364 | D6C240C4 | A |       |       |   |

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6203 02 01365 C5D3C5E3 A  
 02 01366 C5C44040 A  
 02 01367 215CC3C1 A  
 02 01368 D9C4E240 A  
 02 01369 C6D6D3D3 A  
 02 0136A D6E6C9D5 A  
 02 0136B C740C6C9 A  
 02 0136C D561D9C2 A  
 02 0136D C9C440C9 A  
 02 0136E C7D5D6D9 A  
 02 0136F C5C44040 A

IGMES TEXTC ,\*CARDS FOLLOWING FIN/RBID IGNORED,

6204 02 01370 425CD7E4 A  
 6205 02 01371 D5C3C8C5 A  
 02 01372 C440D6E4 A  
 02 01373 F3D7E4E3 A  
 02 01374 40D9C5C1 A  
 02 01375 C4E84060 A  
 02 01376 6040D7D9 A  
 02 01377 C5E2E240 A  
 02 01378 7DE2C9C7 A  
 02 01379 D5C1D340 A  
 02 0137A D9C5D4D6 A  
 02 0137B F3C57D40 A  
 02 0137C F6C8C5D5 A  
 02 0137D 40D9C5C1 A  
 02 0137E C4E840E3 A  
 02 0137F D640D7E4 A

PUNMES TEXTC ,\*PUNCHED OUTPUT READY == PRESS ,,SIGNAL ,, ,  
'REMOTE'' WHEN READY TO PUNCH'

6206 02 01380 D5C3C840 A  
 02 01381 2B5CC1C2 A  
 02 01382 D6E5C540 A  
 02 01383 C3C340E4 A  
 02 01384 D5D9C5C3 A  
 02 01385 D6C7D5C9 A  
 02 01386 F9C5C440 A  
 02 01387 D6D940C9 A  
 02 01388 D3D3C5C7 A

UNKN TEXTC ,\*ABOVE CC UNRECOGNIZED OR ILLEGAL = SKIPPED,

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|      |    |       |          |   |         |       |   |
|------|----|-------|----------|---|---------|-------|---|
|      | 02 | 01389 | C1D34060 | A |         |       |   |
|      | 02 | 0138A | 40E2D2C9 | A |         |       |   |
|      | 02 | 0138B | D7D7C5C4 | A |         |       |   |
| 6207 | 02 | 0138C | 2B5CD7D9 | A | BADPRI  | TEXTC | ,*PRIORITY OF JOB > STATION MAX . SET TO MAX; |
|      | 02 | 0138D | C9D6D9C9 | A |         |       |   |
|      | 02 | 0138E | F3E840D6 | A |         |       |   |
|      | 02 | 0138F | C640D1D6 | A |         |       |   |
|      | 02 | 01390 | C2406E40 | A |         |       |   |
|      | 02 | 01391 | F2E3C1E3 | A |         |       |   |
|      | 02 | 01392 | C9D6D540 | A |         |       |   |
|      | 02 | 01393 | D4C1E740 | A |         |       |   |
|      | 02 | 01394 | 6040E2C5 | A |         |       |   |
|      | 02 | 01395 | F340E3D6 | A |         |       |   |
| 6208 | 02 | 01396 | 40D4C1E7 | A | NJMES   | TEXTC | ,*MISSING JOB COMMAND . JOB IGNORED;          |
|      | 02 | 01397 | 225CD4C9 | A |         |       |   |
|      | 02 | 01398 | F2E2C9D5 | A |         |       |   |
|      | 02 | 01399 | C740D1D6 | A |         |       |   |
|      | 02 | 0139A | C240C3D6 | A |         |       |   |
|      | 02 | 0139B | D4D4C1D5 | A |         |       |   |
|      | 02 | 0139C | C4406040 | A |         |       |   |
|      | 02 | 0139D | D1D6C240 | A |         |       |   |
|      | 02 | 0139E | C9C7D5D6 | A |         |       |   |
|      | 02 | 0139F | D9C5C440 | A |         |       |   |
| 6209 | 02 | 013A0 | 155CC9D3 | A | BKFM    | TEXTC | ,*ILLEGAL FORMS CHANGE;                       |
|      | 02 | 013A1 | D3C5C7C1 | A |         |       |   |
|      | 02 | 013A2 | D340C6D6 | A |         |       |   |
|      | 02 | 013A3 | D9D4E240 | A |         |       |   |
|      | 02 | 013A4 | C3C8C1D5 | A |         |       |   |
|      | 02 | 013A5 | C7C54040 | A |         |       |   |
| 6210 | 02 | 013A6 | 1F404040 | A | STATMES | TEXTC | , ***** STATUS *****;                         |
|      | 02 | 013A7 | 40405C5C | A |         |       |   |
|      | 02 | 013A8 | 5C5C5C5C | A |         |       |   |
|      | 02 | 013A9 | 5C5C4040 | A |         |       |   |
|      | 02 | 013AA | F2E3C1E3 | A |         |       |   |
|      | 02 | 013AB | F4E24040 | A |         |       |   |
|      | 02 | 013AC | 5C5C5C5C | A |         |       |   |
|      | 02 | 013AD | 5C5C5C5C | A |         |       |   |



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6211 02 013AE 235C5C5C A  
 02 013AF 40E2E3C1 A  
 02 013B0 F3E4E27A A  
 02 013B1 4040D5D6 A  
 02 013B2 40C6C9D3 A  
 02 013B3 C5E240C9 A  
 02 013B4 D540E2E8 A  
 02 013B5 F2E3C5D4 A  
 02 013B6 405C5C5C A  
 6212 02 013B7 255CC4C5 A  
 02 013B8 F5C9C3C5 A  
 02 013B9 40D5D6E3 A  
 02 013BA 40C9D540 A  
 02 013BB C3D6D5C3 A  
 02 013BC F4D9D9C5 A  
 02 013BD D5E340D6 A  
 02 013BE F4E3D7E4 A  
 02 013BF F340D4D6 A  
 02 013C0 C4C54040 A

NOSTAT TEXTC !\*\*\* STATUS! NO FILES IN SYSTEM \*\*\*!

CANTSTOP TEXTC !\*DEVICE NOT IN CONCURRENT OUTPUT MODE!

6213  
 6214  
 6215  
 6216  
 6217  
 6218 02 013C0  
 6219 02 013C2 5AD9C2D4 A  
 F2C70000  
 6220 02 013C4 5AD9C2C4 A  
 C9E20000  
 6221 02 013C6 5AD9C2E2 A  
 C9E90000  
 6222 02 013C8 5AD9C2C3 A  
 D6D50000  
 6223 02 013CA 5AD9C2D9 A  
 C5D70000  
 6224 02 013CC 5AD9C2C1 A  
 C2D60000

\*\*\*\*\*  
 CCRB COM,48,16 AF(1),0  
 VEC COM,8 AF(1),VEGBSE  
 BOUND 8  
 \*\*\*DANGER! THE ORDER OF THE FIRST SEVEN COMMANDS IS CRITICAL  
 RBCC EQU \*2  
 CCRB ' RBMSG'  
 CCRB ' RBDIS'  
 CCRB ' RBSIZ'  
 CCRB ' RBCON'  
 CCRB ' RBREP'  
 CCRB ' RBABO'

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|      |          |            |        |      |                  |
|------|----------|------------|--------|------|------------------|
| 6225 | 02 013CE | 5AD9C2E2 A |        | CCRB | RBSAV            |
|      |          | C1E50000   |        |      |                  |
| 6226 | 02 013D0 | 5AD9C2E2 A |        | CCRB | RBSTA            |
|      |          | F3C10000   |        |      |                  |
| 6227 | 02 013D2 | 5AD9C2E2 A |        | CCRB | RBSUS            |
|      |          | F4E20000   |        |      |                  |
| 6228 | 02 013D4 | 5AD9C2C3 A |        | CCRB | RBCTL            |
|      |          | F3D30000   |        |      |                  |
| 6229 | 02 013D6 | 5AD9C2D7 A |        | CCRB | RBPRI            |
|      |          | D9C90000   |        |      |                  |
| 6230 | 02 013D8 | 5AD9C2D3 A |        | CCRB | RBL0C            |
|      |          | D6C30000   |        |      |                  |
| 6231 | 02 013DA | 5AD9C2C1 A |        | CCRB | RBALI            |
|      |          | D3C90000   |        |      |                  |
| 6232 | 02 013DC | 5AD9C2C9 A |        | CCRB | RBINF            |
|      |          | D5C60000   |        |      |                  |
| 6233 | 02 013DE | 5AD9C2C4 A |        | CCRB | RBDEV            |
|      |          | C5E50000   |        |      |                  |
| 6234 | 02 013E0 | 5AD9C2E7 A |        | CCRB | RBXXX            |
|      |          | F7E70000   |        |      |                  |
| 6235 |          | 00000011   | FIAC0M | EQU  | DA(*)=DA(RBCC)   |
| 6236 | 02 013E2 | 5AD9C2E4 A |        | CCRB | RBUNL            |
|      |          | D5D30000   |        |      |                  |
| 6237 | 02 013E4 | 5AD9C2C6 A |        | CCRB | RBF0R            |
|      |          | D6D90000   |        |      |                  |
| 6238 | 02 013E6 | 5AD9C2C8 A |        | CCRB | RBH0L            |
|      |          | D6D30000   |        |      |                  |
| 6239 | 02 013E8 | 5AD9C2D9 A |        | CCRB | RBRET            |
|      |          | C5E30000   |        |      |                  |
| 6240 | 02 013EA | 5AD9C2C4 A |        | CCRB | RBDEL            |
|      |          | C5D30000   |        |      |                  |
| 6241 | 02 013EC | 5AD9C2E2 A |        | CCRB | RBSWI            |
|      |          | F6C90000   |        |      |                  |
| 6242 |          | 00000016   | #RBCCS | EQU  | DA(*)=DA(RBCC)=1 |
| 6243 |          | 00000017   | J0BC0M | EQU  | #RBCCS*1         |
| 6244 |          | 00000018   | RESC0M | EQU  | J0BC0M*1         |
| 6245 |          | 00000019   | SWC0M1 | EQU  | RESC0M*1         |

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6246 02 013EE 5AD9C2C9 A  
 P4400000  
 6247 02 013F0 615CE2C9 A  
 02 013F1 C7D5D6D5 A  
 6248 02 013F2 00004CEE  
 6249 02 013F3 0400046E 03  
 6250 02 013F4 00004DOC  
 6251 02 013F5 0E000472 03  
 6252 02 013F6 00004D1C  
 6253 02 013F7 0F000472 03  
 6254 02 013F8 00004D2C  
 6255 02 013F9 0600046E 03  
 6256 02 013FA 00000034 A  
 6257 02 013FB 0400046E 03  
 6258 02 00444  
 6259 02 013FC  
 6260 02 013FC 00 A  
 6261 02 013FC 1 4E A  
 6262 02 013FC 2 68 A  
 6263 02 013FC 3 FA A  
 6264 02 013FD 00 A  
 6265 02 013FD 1 00 A  
 6266 02 013FD 2 00 A  
 6267 02 013FD 3 00 A  
 6268 02 013FE 99 A  
 6269 02 013FE 1 4D A  
 6270 02 013FE 2 56 A  
 6271 02 013FE 3 82 A  
 6272 02 013FF 10 A  
 6273 02 013FF 1 1F A  
 6274 02 013FF 2 09 A  
 6275 02 013FF 3 83 A  
 6276 02 01400 B1 A  
 6277 02 01400 1 18 A  
 6278 02 01400 2 30 A  
 6279 02 01400 3 70 A

TRBID CCRB 1 RBID 1  
 TSGON TEXT 1/\*SIGNON  
 JBMS EQU \$  
 DATA BA(ACCRTM)+2  
 GEN,8,24 4,BA(OPBUF)+2  
 DATA BA(JOBMT)  
 GEN,8,24 14,BA(OPBUF+1)+2  
 DATA BA(JOBMP)  
 GEN,8,24 15,BA(OPBUF+1)+2  
 INPPTR DATA BA(INPTM)  
 GEN,8,24 6,BA(OPBUF)+2  
 SIDPTR DATA R13++2  
 GEN,8,24 4,BA(OPBUF)+2  
 VECBSE SET RBCCBSE  
 RBCCVEC EQU \$  
 VEC RBCCBSE  
 VEC RBMSG  
 VEC RBDISC  
 VEC RBSZ  
 VEC RBSSS  
 VEC RBSSS  
 VEC RBSSS  
 VEC RBSSS  
 VEC RBSSS  
 VEC RBSTAT  
 VEC RBSUSP  
 VEC RBCTL  
 VEC RBPRI0  
 VEC RBL0CK  
 VEC RBALGN  
 VEC RBINFB  
 VEC RBDEV  
 VEC RBXXX  
 VEC RBUNLOCK  
 VEC RBFORM  
 VEC RBHOLD

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|      |    |          |             |    |
|------|----|----------|-------------|----|
| 6281 | 02 | 01401    | 7C          | A  |
| 6282 | 02 | 01401    | 1 DA        | A  |
| 6283 | 02 | 01401    | 2 80        | A  |
| 6284 |    |          |             |    |
| 6285 |    |          |             |    |
| 6286 |    | 02 01402 |             |    |
| 6287 | 02 | 01402    | 00000306    | 03 |
| 6288 | 02 | 01403    | 00000313    | 03 |
| 6289 | 02 | 01404    | 000002D6    | 03 |
| 6290 | 02 | 01405    | FFFFFFFFCDD | N  |
| 6291 | 02 | 01406    | 000002DB    | 03 |
| 6292 | 02 | 01407    | 000002E8    | 03 |
| 6293 | 02 | 01408    | 000002CB    | 03 |
| 6294 | 02 | 01409    | FFFFFFFFD08 | N  |
| 6295 |    | 02 012D6 |             |    |
| 6296 |    | 02 0140A |             |    |
| 6297 | 02 | 0140A    | AB          | A  |
| 6298 | 02 | 0140A    | 1 AB        | A  |
| 6299 | 02 | 0140A    | 2 AB        | A  |
| 6300 | 02 | 0140A    | 3 2C        | A  |
| 6301 | 02 | 0140B    | 11          | A  |
| 6302 | 02 | 0140B    | 1 11        | A  |
| 6303 | 02 | 0140B    | 2 11        | A  |
| 6304 | 02 | 0140B    | 3 11        | A  |
| 6305 | 02 | 0140C    | 00          | A  |
| 6306 | 02 | 0140C    | 1 11        | A  |
| 6307 | 02 | 0140C    | 2 11        | A  |
| 6308 | 02 | 0140C    | 3 11        | A  |
| 6309 | 02 | 0140D    | 11          | A  |
| 6310 | 02 | 0140D    | 1 11        | A  |
| 6311 | 02 | 0140D    | 2 AB        | A  |
| 6312 | 02 | 0140D    | 3 AB        | A  |
| 6313 | 02 | 0140E    | AB          | A  |
| 6314 | 02 | 0140E    | 1 11        | A  |
| 6315 | 02 | 0140E    | 2 00        | A  |
| 6316 | 02 | 0140E    | 3 00        | A  |
| 6317 | 02 | 0140F    | 00          | A  |

|        |             |
|--------|-------------|
| VEC    | RBRET       |
| VEC    | RBDEL       |
| VEC    | RBSWT       |
| BOUND  | 4           |
| *****  |             |
| MSVEC  | EQU \$      |
|        | DATA SMPR   |
|        | DATA SMPU   |
|        | DATA SMRIN  |
|        | DATA =SMIN  |
|        | DATA SMHPR  |
|        | DATA SMHPU  |
|        | DATA SMRINH |
|        | DATA =SMHIN |
| VECBSE | SET MSBSE   |
| MKME\$ | EQU \$      |
|        | VEC UNKN    |
|        | VEC UNKN    |
|        | VEC UNKN    |
|        | VEC BSZFLD  |
|        | VEC BDDEV   |
|        | VEC BDDEV   |
|        | VEC BDDEV   |
|        | VEC BDDEV   |
|        | VEC BDDEV   |
|        | VEC BDDEV   |
|        | VEC BDDEV   |
|        | VEC BDDEV   |
|        | VEC BDDEV   |
|        | VEC BDDEV   |
|        | VEC UNKN    |
|        | VEC UNKN    |
|        | VEC UNKN    |
|        | VEC UNKN    |
|        | VEC BDDEV   |
|        | VEC BDDEV   |
|        | VEC BDDEV   |
|        | VEC BDDEV   |

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6318 02 0140F 1 00 A
6319 02 0140F 2 00 A
6320 02 0140F 3 39 A
6321 02 01410 3F A
6322 02 01410 1 20 A
6323
6324
6325      02 00742
6326      02 01411
6327 02 01411 00 A
6328 02 01411 1 08 A
6329 02 01411 2 01 A
6330 02 01411 3 00 A
6331 02 01412 00 A
6332 02 01412 1 00 A
6333 02 01412 2 00 A
6334 02 01412 3 12 A
6335
6336
6337      02 01413
6338 02 01413 00000004 A
6339 02 01414 03D74040 A
6340 02 01415 03D74040 A
6341 02 01416 05D6C5D4 A
6342 02 01417 05D44040 A
6343      00000004
6344      02 01417
6345 02 01418 FFFFF39C N
6346 02 01419 FFFFF397 N
6347 02 0141A 00000C72
6348 02 0141B 00000C6E
6349
6350      02 0141C
6351 02 0141C 15000000 N
6352 02 0141D 80000000 A
6353 02 0141E 00000002 A
6354      02 0141F

```

```

VEC      BDFLD
VEC      BDFLD
VEC      BDJH
VEC      BDRESM
VEC      BDSWM
BOUND    *
*****
VECBSE   SET      XP2BSE
XP2VEC   EQU      $
VEC      XP2BSE
VEC      RRFM
VEC      RGFH
VEC      XP2BSE
VEC      XP2BSE
VEC      XP2BSE
VEC      XP2BSE
VEC      RREC
BOUND    *
*****
SIZOPS   EQU      $
DATA     #SIZOPS
TEXT     ,CP,
TEXT     ,LP,
TEXT     ,NBEM,
TEXT     ,EM,
#SIZOPS  EQU      $=SIZOPS+1
SIZPTR   EQU      $=1
DATA     =CP
DATA     =LP
DATA     ,NBEM,
DATA     ,EM,
*****
CLSXX    EQU      $
GEN,8,24 X'151,M,XX
DATA     X'80000000'
DATA     2
RDXX     EQU      $

```

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6355 02 0141F 10000000 N  
6356 02 01420 F8000010 A  
6357 02 01421 000008CE  
6358 02 01422 000008CE  
6359 02 01423 00000252 03  
6360 02 01424 00000168 A  
6361 02 01425 0000024E 03  
6362 02 01426 01426  
6363 02 01426 14000000 N  
6364 02 01427 C7400209 A  
6365 02 01428 000008CE  
6366 02 01429 000008CE  
6367 02 0142A 00000002 A  
6368 02 0142B 00000002 A  
6369 02 0142C 00000001 A  
6370 02 0142D 00000002 A  
6371 02 0142E 01000202 A  
6372 02 0142F 067AD9C2 A  
02 01430 D3D6C740 A  
6373 02 01431 02000202 A  
6374 02 01432 7AE2E8E2 A  
02 01433 40404040 A  
6375 02 01434 03010202 A  
6376 02 01435 DF803F A  
6377 02 01436 AFC0BF9F A  
6378 02 01437 01437  
6379 02 01437 10000000 N  
6380 02 01438 F8000010 A  
6381 02 01439 000008CE  
6382 02 0143A 000008CE  
6383 02 0143B 00000079 03  
6384 02 0143C 00000800 A  
6385 02 0143D 0000143E  
6386 02 0143E 03616161 A  
1\* 02 0143F 14000000 N  
2\* 02 01440 C7480009 A  
3\* 02 01441 000001D1

0PNXX

RSXX

RSXXK  
0PNXX0

GEN,8,24 X'10',MIXX  
DATA X'F8000010'  
DATA PIDEA  
DATA PIDEA  
DATA REC  
DATA RECSZ  
DATA FLD  
EGU \*  
GEN,8,24 X'14',MIXX  
DATA X'C7400209'  
DATA PIDEA  
DATA PIDEA  
DATA 2  
DATA 2  
DATA 1  
DATA 2  
DATA X'01000202'  
TEXTC 'RBL0G'  
DATA X'02000202'  
TEXT 'SYS '  
DATA X'03010202'  
DATA X'DFEF803F'  
DATA X'AFC0BF9F'  
EGU \*  
GEN,8,24 X'10',MIXX  
DATA X'F8000010'  
DATA PIDEA  
DATA PIDEA  
PZE \*KSWFLG  
DATA 2048  
DATA RSXXK  
TEXTC '///'  
GEN,8,24 X'14',MIXX  
DATA X'C7480009'  
DATA DMPER

BITS,ACCT IS HERE,FILE ASN  
ERR

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|     |    |       |            |          |                 |                                    |
|-----|----|-------|------------|----------|-----------------|------------------------------------|
| 4*  | 02 | 01442 | 000001D1   | DATA     | DMPER           | ABN                                |
| 5*  | 02 | 01443 | 00000002 A | DATA     | 2               | KEYED                              |
| 6*  | 02 | 01444 | 00000002 A | DATA     | 2               | DIRECT                             |
| 7*  | 02 | 01445 | 00000002 A | DATA     | 2               | OUT                                |
| 8*  | 02 | 01446 | 00000002 A | DATA     | 2               | SAVE                               |
| 9*  | 02 | 01447 | 00000007 A | DATA     | 7               | KEYM                               |
| 10* | 02 | 01448 | 01000202 A | DATA     | X'01000202'     | FILE NAME                          |
| 11* | 02 | 01449 | 077AD9C2 A | TEXTC    | 'RBBRV'         |                                    |
|     | 02 | 0144A | 02D9E5D9 A |          |                 |                                    |
| 12* | 02 | 0144B | 02000202 A | DATA     | X'02000202'     | ACCOUNT                            |
| 13* | 02 | 0144C | 7AE2E8E2 A | TEXT     | 'ISYS'          |                                    |
|     | 02 | 0144D | 40404040 A |          |                 |                                    |
| 14* | 02 | 0144E | 03010002 A | DATA     | X'03010002',0,0 | CLEAR MIXX PASSWORD                |
|     | 02 | 0144F | 00000000 A |          |                 |                                    |
|     | 02 | 01450 | 00000000 A |          |                 |                                    |
| 15* | 02 | 01451 | 14000000 N | OPNXXI0  | GEN,8,24        | X'14',MIXX                         |
| 16* | 02 | 01452 | 07400009 A | DATA     | X'07400009'     | BITS, ACCT IS HERE, FILE ASN       |
| 17* | 02 | 01453 | 000001D1   | DATA     | DMPER           | ERR                                |
| 18* | 02 | 01454 | 000001CD   | DATA     | DMPABN          | ABN HANDLER FOR 03.00              |
| 19* | 02 | 01455 | 00000002 A | DATA     | 2               | KEYED                              |
| 20* | 02 | 01456 | 00000002 A | DATA     | 2               | DIRECT                             |
| 21* | 02 | 01457 | 00000004 A | DATA     | 4               | INOUT                              |
| 22* | 02 | 01458 | 00000002 A | DATA     | 2               | SAVE                               |
| 23* | 02 | 01459 | 01000202 A | DATA     | X'01000202'     | FILE NAME                          |
| 24* | 02 | 0145A | 077AD9C2 A | TEXTC    | 'RBBRV'         |                                    |
|     | 02 | 0145B | 02D9E5D9 A |          |                 |                                    |
| 25* | 02 | 0145C | 02010202 A | DATA     | X'02010202'     | ACCOUNT                            |
| 26* | 02 | 0145D | 7AE2E8E2 A | TEXT     | 'ISYS'          |                                    |
|     | 02 | 0145E | 40404040 A |          |                 |                                    |
| 27* | 02 | 0145F | 06000000 N | SETXXDCB | GEN,8,24        | 6,MIXX                             |
| 28* | 02 | 01460 | 00000000 A | DATA     | X'00000000'     | M:SETDCB                           |
| 29* | 02 | 01461 | 000001D1   | DATA     | DMPER           | ERR                                |
| 30* | 02 | 01462 | 000001D1   | DATA     | DMPER           | ABN                                |
| 31* | 02 | 01463 | 15000000 N | CLSXX0   | GEN,8,24        | X'15',MIXX                         |
| 32* | 02 | 01464 | 80000000 A | DATA     | X'80000000'     | M:CLOSE MIXX,(SAVE)                |
| 33* | 02 | 01465 | 00000002 A | DATA     | 2               | SAVE                               |
| 34* | 02 | 01466 | 07D9C2C2 A | WRXXKY   | TEXTC           | 'RBBATSO'                          |
|     |    |       |            |          |                 | RBBAT S.D. (0 TO NOT CONFUSE RCVR) |

35\* 02 01467 C1E3E2F0 A  
 36\* 02 01468 11000000 N  
 37\* 02 01469 F8000040 A  
 38\* 02 0146A 000001D1  
 39\* 02 0146B 000001D1  
 40\* 02 0146C 00000000 03  
 41\* 02 0146D 00000000 N  
 42\* 02 0146E 00001466  
 43\*

WRXXSD GEN,8,24 X1111,M,XX M,WRITE M,XX, ETC  
 DATA XIF,000040' OWNKEY  
 DATA DMPER ERR  
 DATA DMPER ABN  
 DATA SDAA STATIC DATA BASE  
 REF SDSIZE  
 DATA SDSIZE BYTE COUNT  
 DATA WRXXKY KEY FB THE RECORD

\*\*\*\*\*

6387  
 6388 02 0146F  
 6389 02 0146F 00000010 A  
 6390 02 01470 F3C9D4C5 A  
 6391 02 01471 D6D9C4C5 A  
 6392 02 01472 D5D6D9C4 A  
 6393 02 01473 C1C3C3D6 A  
 6394 02 01474 D4D6E4D5 A  
 6395 02 01475 D3D64040 A  
 6396 02 01476 D7D64040 A  
 6397 02 01477 C4D64040 A  
 6398 02 01478 F4D64040 A  
 6399 02 01479 F2C3D9C1 A  
 6400 02 0147A D7E2E3D6 A  
 6401 02 0147B F3E2E3D6 A  
 6402 02 0147C F3C4C9E2 A  
 6403 02 0147D D7C4C9E2 A  
 6404 02 0147E F3C94040 A  
 6405 02 0147F D9C5D9E4 A  
 6406 00000010  
 6407 02 0147F  
 6408 02 01480 FFFFF36B N  
 6409 02 01481 00000C8E  
 6410 02 01482 000008A9  
 6411 02 01483 00000C91  
 6412 02 01484 00000C97  
 6413 02 01485

RESOPTS EQU \$  
 DATA #RESOPTS  
 TEXT !TIME!  
 TEXT !ORDE!  
 TEXT !NORD!  
 TEXT !ACCO!  
 TEXT !MOUN!  
 TEXT !LB!  
 TEXT !PB!  
 TEXT !DB!  
 TEXT !UB!  
 TEXT !SCRA!  
 TEXT !PST0!  
 TEXT !TST0!  
 TEXT !TDIS!  
 TEXT !PDIS!  
 TEXT !TI!  
 TEXT !RERU!  
 #RESOPTS EQU \$-RESOPTS-1  
 RESPTR EQU \$-1  
 DATA #TIMEL  
 DATA BRDR  
 DATA NBRDR  
 DATA ACCNT  
 DATA MBUNT  
 D01 9



```

6414 02 01485 00000000 A
      02 01486 00000000 A
      02 01487 00000000 A
      02 01488 00000000 A
      02 01489 00000000 A
      02 0148A 00000000 A
      02 0148B 00000000 A
      02 0148C 00000000 A
      02 0148D 00000000 A
6415 02 0148E FFFFFFF36B N
6416 02 0148F 00000C93
    
```

DATA 0

DATA \*TIME[  
DATA RERUN

\*\*\*\*\*

\*REMOTE BATCH FLAGS (RBIFLAG)

|      |          |         |     |          |                             |
|------|----------|---------|-----|----------|-----------------------------|
| 6418 |          |         |     |          |                             |
| 6419 | EXT      |         |     |          |                             |
| 6420 | 00008000 | BPBIT   | EQU | Y8       | BLOCK PROTECT TOGGLE        |
| 6421 | 00000002 | DUPBIT  | EQU | X'8000'  | FULL DUPLEX                 |
| 6422 | 00000004 | EMBIT   | EQU | 2        | *1 => NOEM                  |
| 6423 | 00000001 | FINBIT  | EQU | 4        | FIN ENCOUNTERED             |
| 6424 | 00000008 | FRBIT   | EQU | 1        | FIRST READ                  |
| 6425 | EXT      | LIPBIT  | EQU | 8        | LOGON IN PROGRESS           |
| 6426 | 00000010 | MORBIT  | EQU | Y2       | CONTINUED JOB STREAM        |
| 6427 | EXT      | SSSBIT  | EQU | X'10'    | SUSPEND AND SWITCH SYMBIANT |
| 6428 | 00000020 | HUBIT   | EQU | Y1       | HUNG UP                     |
| 6429 | 00000040 | FIABIT  | EQU | X'20'    | FILES ALTERED               |
| 6430 | 00000080 | QADBIT  | EQU | X'40'    |                             |
| 6431 | EXT      | XP2BIT  | EQU | X'80'    |                             |
| 6432 | 00000100 | PUNBIT  | EQU | Y08      | OK TO PUNCH                 |
| 6433 | 00000200 | CTRBIT  | EQU | X'100'   | GHOST BLOCKS RBSS           |
| 6434 | 00000400 | ACTBIT  | EQU | X'200'   | ACTIVE                      |
| 6435 | EXT      | CLKBIT  | EQU | X'400'   |                             |
| 6436 | 00000800 | IGBIT   | EQU | Y4       | CARDS WERE IGNORED          |
| 6437 | 00001000 | HALBIT  | EQU | X'800'   | HOLDALL                     |
| 6438 | 00002000 | SYSBIT  | EQU | X'1000'  | CAN USE ,SYS                |
| 6439 | 00004000 | L0FBIT  | EQU | X'2000'  | LAGGED OFF                  |
| 6440 | 00010000 | DISCBIT | EQU | X'4000'  | DISCONNECT ON READ          |
| 6441 | 00020000 | RBXBIT  | EQU | X'10000' | DISCONNECT NOW              |
| 6442 | 00040000 | 0FFBIT  | EQU | X'20000' | RBSS IGNORE THIS GUY        |
|      |          | EDISBIT | EQU | X'40000' | DISCED FOR ERRORS           |

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|      |    |       |          |          |      |             |
|------|----|-------|----------|----------|------|-------------|
| 6443 |    | EXT   |          | ALBIT    | EQU  | Y008        |
| 6444 |    | EXT   |          | DCBIT    | EQU  | Y04         |
| 6445 |    | EXT   |          | DIALBIT  | EQU  | Y0008       |
| 6446 |    | EXT   |          | IBMBIT   | EQU  | Y001        |
| 6447 |    |       | 02 01490 | TBYS     | EQU  | *           |
| 6448 | 02 | 01490 | 02000000 | HASPBIT  | DATA | X'02000000' |
| 6449 | 02 | 01491 | 00200000 | 2780BIT  | DATA | X'00200000' |
| 6450 |    |       | 0000001E | IRS      | EQU  | X'1E'       |
| 6451 | 02 | 01492 | 00100000 | 3780BIT  | DATA | X'00100000' |
| 6452 |    | EXT   |          | SLVBIT   | EQU  | Y01         |
| 6453 |    | EXT   |          | XP1BIT   | EQU  | Y004        |
| 6454 | 02 | 01493 | 01000080 | SLVXP2BT | DATA | X'01000080' |
| 6455 | 02 | 01494 | 04800000 | AL#DCBIT | DATA | X'04800000' |
| 6456 | 02 | 01495 | 02000010 | HA#SSSBT | DATA | X'02000010' |
| 6457 | 02 | 01496 | FF7FFFF7 | NA#LGBT  | DATA | X'FF7FFFF7' |
| 6458 | 02 | 01497 | 04800200 | IDUBTS   | DATA | X'04800200' |
| 6459 | 02 | 01498 | 06288040 | SGBITS   | DATA | X'06288040' |
| 6460 | 02 | 01499 | 02200000 | BSCBTS   | DATA | X'02200000' |
| 6461 | 02 | 0149A | FFFFFFEF | NCTRBIT  | DATA | *1#CTRBIT   |
| 6462 | 02 | 0149B | FC878455 | MSKH     | DATA | X'FC878455' |
| 6463 | 02 | 0149C | 03787BAA | MSKG     | DATA | X'03787BAA' |

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\* HASP CONTEXT PAGE DESCRIPTION

|      |  |          |  |       |     |    |
|------|--|----------|--|-------|-----|----|
| 6464 |  |          |  | HPB   | EQU | 1  |
| 6465 |  |          |  | HBB   | EQU | 2  |
| 6466 |  | 00000001 |  | HRB   | EQU | 3  |
| 6467 |  | 00000002 |  | HWB   | EQU | 4  |
| 6468 |  | 00000003 |  | CPB   | EQU | 5  |
| 6469 |  | 00000004 |  | CBB   | EQU | 6  |
| 6470 |  | 00000005 |  | CRB   | EQU | 7  |
| 6471 |  | 00000006 |  | CWB   | EQU | 8  |
| 6472 |  | 00000007 |  | * .   |     |    |
| 6473 |  | 00000008 |  | * .   |     |    |
| 6474 |  |          |  | * .   |     |    |
| 6475 |  | 0000000D |  | BCRCB | EQU | 13 |
| 6476 |  |          |  | * .   |     |    |
| 6477 |  | 00000015 |  | CFC   | EQU | 21 |
| 6478 |  |          |  | * .   |     |    |
| 6479 |  |          |  | * .   |     |    |

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|      |          |          |   |                             |         |   |
|------|----------|----------|---|-----------------------------|---------|---|
| 6480 |          | 0000001F |   | C0NTCK                      | EQU     | 31  |
| 6481 |          |          |   | *                           |         |   |
| 6482 |          | 00000024 |   | T TYP                       | EQU     | 36  |
| 6483 |          | 00000025 |   | R TRY                       | EQU     | 37  |
| 6484 |          |          |   | *                           |         |   |
| 6485 |          | 00000026 |   | S P B                       | EQU     | 38  |
| 6486 |          | 00000049 |   | B U F 1                     | EQU     | 73  |
| 6487 |          | 000000B7 |   | B U F 2                     | EQU     | 183   |
| 6488 |          | 00000125 |   | B U F 3                     | EQU     | 293   |
| 6489 |          | 00000193 |   | B U F 4                     | EQU     | 403   |
| 6490 |          | 0000006E |   | B U F S Z                   | EQU     | 110   |
| 6491 |          | 0000001E |   | 37 B U F D I F              | EQU     | 30  |
| 6492 |          |          |   | * O T H E R H A S P I N F O |         |   |
| 6493 |          | 00000010 |   | D L E                       | EQU     | X'10'   |
| 6494 |          | 00000002 |   | A R F C N                   | EQU     | 2   |
| 6495 |          | 00000200 |   | B K S B I T                 | EQU     | X'200'  |
| 6496 | 02 0149D | FFFFFFDF | A | N B K S B I T               | D A T A | *1=BKSBIT                                     |
| 6497 |          | 00000001 |   | I N B I T                   | EQU     | 1   |
| 6498 |          | 00000002 |   | B C B I T                   | EQU     | 2   |
| 6499 |          | 00000008 |   | S R C B 2 B T               | EQU     | 8   |
| 6500 |          | 00000010 |   | L O C B I T                 | EQU     | X'10'   |
| 6501 |          | 00004000 |   | A L G B I T                 | EQU     | X'4000'                                       |
| 6502 |          | 00000020 |   | F L K B I T                 | EQU     | X'20'   |
| 6503 | 02 0149E | 00000010 | A | X L O C B T                 | D A T A | L O C B I T                                   |
| 6504 | 02 0149F | 00004000 | A | X A L G B T                 | D A T A | A L G B I T                                   |
| 6505 | 02 014A0 | FFFFFFEF | A | N L O C B T                 | D A T A | *1=L O C B I T                                |
| 6506 | 02 014A1 | FFFFBFFF | A | N A L G B T                 | D A T A | *1=A L G B I T                                |
| 6507 |          | 00000400 |   | S T P B I T                 | EQU     | X'400'  |
| 6508 | 02 014A2 | 00000400 | A | X S T P B I T               | D A T A | S T P B I T                                   |
| 6509 | 02 014A3 | FFFFFBFF | A | N S T P B T                 | D A T A | *1=S T P B I T                                |
| 6510 | 02 014A4 | FFFFBBFF | A | N S T A L B T               | D A T A | *1=S T P B I T . A L G B I T                  |
| 6511 |          | 00000040 |   | F M S B I T                 | EQU     | X'40'   |
| 6512 | 02 014A5 | 00000020 | A | X F L K B I T               | D A T A | F L K B I T                                   |
| 6513 |          | 00000800 |   | W F Q B I T                 | EQU     | X'800'  |
| 6514 |          | 00008000 |   | X S E T B I T               | EQU     | X'8000'                                       |
| 6515 |          |          |   | *****                       |         |   |
| 6516 | 02 014A6 | 4040C1C3 | A | A C C T P R T               | T E X T | ' A C C O U N T 16 * P A R T I T I O N S * 1' |

```

02 014A7 C3D6E4D5 A
02 014A8 F34040F1 A
02 014A9 F6405CD7 A
02 014AA C1D9E3C9 A
02 014AB F3C9D6D5 A
6517 02 014AC F25C40F1 A
02 014AD 135CD5D6 A
02 014AE F3C8C9D5 A
02 014AF C740E3D6 A
02 014B0 40C4C9E2 A
02 014B1 D7D3C1E8 A
6518 02 014B2 FF A
6519 02 014B2 1 C0F A
6520 02 014B2 2 C0F A
6521 02 014B2 3 C0F A
6522 02 014B3 1 C0F A
02 014B3 2 C0F A
02 014B3 3 C0F A
6523 02 014B4 1 C0F A
6524 02 014B4 2 C0F A
6525 02 014B4 3 C0F A
02 014B5 1 C0F A
6526 02 014B5 2 C0F A
6527 02 014B5 3 C0F A
6528 02 014B6 1 C0F A
02 014B6 2 C0F A
02 014B6 3 C0F A
02 014B7 C0F A

```

N0DIS TEXTC ,\*NOTHING TO DISPLAY,

```

*****
TRTBL EQU $ THE SCANNER WORKS AS FOLLOWS:
DATA,1 X'FF'
DB1 7
DATA,1 X'F' TRT SCANS DOWN THE BYTE STRING STARTING WITH THE CURRENT BYTE POSITION IN REGISTER R0. EACH BYTE IS USED AS AN INDEX INTO THE TRANSLATION BYTE TABLE THUS OBTAINED. THE TRANSLATION BYTE IS AND'ED WITH THE MASK PASSED TO TRT. IF THE AND IS ZERO THE SCAN CONTINUES. NOT THE AND'ED MASK IS PUT INTO THE REGISTER R0.

```



|      |    |       |    |   |
|------|----|-------|----|---|
|      | 02 | 014C0 | 1  | A |
|      | 02 | 014C0 | 2  | A |
|      | 02 | 014C0 | 3  | A |
|      | 02 | 014C1 |    | A |
|      | 02 | 014C1 | 1  | A |
|      | 02 | 014C1 | 2  | A |
|      | 02 | 014C1 | 3  | A |
| 6532 | 02 | 014C2 | 20 | A |
| 6533 | 02 | 014C2 | 1  | A |
| 6534 | 02 | 014C2 | 1  | A |
|      | 02 | 014C2 | 2  | A |
|      | 02 | 014C2 | 3  | A |
|      | 02 | 014C3 |    | A |
|      | 02 | 014C3 | 1  | A |
|      | 02 | 014C3 | 2  | A |
|      | 02 | 014C3 | 3  | A |
|      | 02 | 014C4 |    | A |
|      | 02 | 014C4 | 1  | A |
|      | 02 | 014C4 | 2  | A |
| 6535 | 02 | 014C4 | 3  | A |
| 6536 | 02 | 014C5 |    | A |
| 6537 | 02 | 014C5 | 1  | A |
| 6538 | 02 | 014C5 | 2  | A |
| 6539 | 02 | 014C5 | 2  | A |
|      | 02 | 014C5 | 3  | A |
|      | 02 | 014C6 |    | A |
|      | 02 | 014C6 | 1  | A |
|      | 02 | 014C6 | 2  | A |
|      | 02 | 014C6 | 3  | A |
|      | 02 | 014C7 |    | A |
|      | 02 | 014C7 | 1  | A |
|      | 02 | 014C7 | 2  | A |
|      | 02 | 014C7 | 3  | A |
|      | 02 | 014C8 |    | A |
|      | 02 | 014C8 | 1  | A |
|      | 02 | 014C8 | 2  | A |
| 6540 | 02 | 014C8 | 3  | A |

DATA,1 X'20'  
 DB1 10  
 DATA,1 X'F'

THE CONDITION CODES.  
 ;  
 ;

DATA,1 X'FF'  
 DATA,1 X'F'  
 DATA,1 X'3A'  
 DB1 13  
 DATA,1 X'F'

;  
 ; TRTBL IS CONSTRUCTED AS FOLLOWS:  
 ;  
 ; FOR EACH CHARACTER X'00' TO X'FF' T  
 ; TRANSLATION BYTE IS CHOSEN BY THE

DB1 2

FOLLOWING CHARACTERISTICS.

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|      |    |       |   |    |   |
|------|----|-------|---|----|---|
| 6541 | 02 | 014C8 | 3 | 07 | A |
|      | 02 | 014C9 |   | 07 | A |
| 6542 | 02 | 014C9 | 1 | 0C | A |
| 6543 | 02 | 014C9 | 2 | FF | A |
| 6544 | 02 | 014C9 | 3 | FF | A |
| 6545 | 02 | 014CA |   | 07 | A |
| 6546 | 02 | 014CA | 1 |    | A |
| 6547 | 02 | 014CA | 1 | 0F | A |
|      | 02 | 014CA | 2 | 0F | A |
|      | 02 | 014CA | 3 | 0F | A |
|      | 02 | 014CB |   | 0F | A |
|      | 02 | 014CB | 1 | 0F | A |
|      | 02 | 014CB | 2 | 0F | A |
|      | 02 | 014CB | 3 | 0F | A |
|      | 02 | 014CC |   | 0F | A |
|      | 02 | 014CC | 1 | 0F | A |
|      | 02 | 014CC | 2 | 0F | A |
| 6548 | 02 | 014CC | 3 | 40 | A |
| 6549 | 02 | 014CD |   | 07 | A |
| 6550 | 02 | 014CD | 1 | 07 | A |
| 6551 | 02 | 014CD | 2 |    | A |
| 6552 | 02 | 014CD | 2 |    | A |
|      | 02 | 014CD | 3 |    | A |
|      | 02 | 014CE |   |    | A |
|      | 02 | 014CE | 1 |    | A |
|      | 02 | 014CE | 2 |    | A |
|      | 02 | 014CE | 3 |    | A |
|      | 02 | 014CF |   |    | A |
|      | 02 | 014CF | 1 |    | A |
|      | 02 | 014CF | 2 |    | A |
|      | 02 | 014CF | 3 |    | A |
|      | 02 | 014D0 |   |    | A |
|      | 02 | 014D0 | 1 |    | A |
| 6553 | 02 | 014D0 | 2 |    | A |
| 6554 | 02 | 014D0 | 2 | 07 | A |
|      | 02 | 014D0 | 3 | 07 | A |
|      | 02 | 014D1 |   | 07 | A |

|        |       |
|--------|-------|
| DATA,1 | 7     |
| DATA,1 | X'3C' |
| DATA,1 | X'FF' |
| DATA,1 | X'F'  |
| DATA,1 | 7     |
| DB1    | 10    |
| DATA,1 | X'F'  |
| DATA,1 | X'40' |
| DATA,1 | 7     |
| DATA,1 | 7     |
| DB1    | 12    |
| DATA,1 | X'F'  |
| DB1    | 3     |
| DATA,1 | 7     |

:

X'01' = NOT A DELIMITER  
X'02' = NOT LEGAL DECIMAL  
X'04' = NOT LEGAL HEX  
X'08' = NOT A LEGAL NAME CHARACTER  
X'10' = THIS IS A PARENTHESIS  
X'20' = THIS IS A BLANK

X'40' = THIS IS A COMMA  
X'80' = THIS IS END OF CARD  
!

THE TRANSLATION IS THE IOR, OF THE  
APPROPRIATE CHARACTERISTICS OF THE

BYTE. (, AND ), ARE SPECIAL CASES  
LIKE BLANKS UNLESS SPECIFICALLY LOGI

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|      |    |       |   |    |   |
|------|----|-------|---|----|---|
| 6555 | 02 | 014D1 | 1 | 0F | A |
| 6556 | 02 | 014D1 | 2 | 40 | A |
| 6557 | 02 | 014D1 | 3 |    |   |
| 6558 | 02 | 014D1 | 3 | 0F | A |
|      | 02 | 014D2 |   | 0F | A |
| 6559 | 02 | 014D2 | 1 |    |   |
| 6560 | 02 | 014D2 | 1 | 07 | A |
|      | 02 | 014D2 | 2 | 07 | A |
|      | 02 | 014D2 | 3 | 07 | A |
|      | 02 | 014D3 |   | 07 | A |
|      | 02 | 014D3 | 1 | 07 | A |
|      | 02 | 014D3 | 2 | 07 | A |
|      | 02 | 014D3 | 3 | 07 | A |
|      | 02 | 014D4 |   | 07 | A |
|      | 02 | 014D4 | 1 | 07 | A |
| 6561 | 02 | 014D4 | 2 |    |   |
| 6562 | 02 | 014D4 | 2 | 0F | A |
|      | 02 | 014D4 | 3 | 0F | A |
|      | 02 | 014D5 |   | 0F | A |
|      | 02 | 014D5 | 1 | 0F | A |
|      | 02 | 014D5 | 2 | 0F | A |
|      | 02 | 014D5 | 3 | 0F | A |
|      | 02 | 014D6 |   | 0F | A |
| 6563 | 02 | 014D6 | 1 |    |   |
| 6564 | 02 | 014D6 | 1 | 07 | A |
|      | 02 | 014D6 | 2 | 07 | A |
|      | 02 | 014D6 | 3 | 07 | A |
|      | 02 | 014D7 |   | 07 | A |
|      | 02 | 014D7 | 1 | 07 | A |
|      | 02 | 014D7 | 2 | 07 | A |
|      | 02 | 014D7 | 3 | 07 | A |
|      | 02 | 014D8 |   | 07 | A |
|      | 02 | 014D8 | 1 | 07 | A |
| 6565 | 02 | 014D8 | 2 |    |   |
| 6566 | 02 | 014D8 | 2 | 0F | A |
|      | 02 | 014D8 | 3 | 0F | A |
|      | 02 | 014D9 |   | 0F | A |

|        |       |
|--------|-------|
| DATA,1 | X'F'  |
| DATA,1 | X'40' |
| DB1    | 2     |
| DATA,1 | X'F'  |
| DB1    | 9     |
| DATA,1 | 7     |
| DB1    | 7     |
| DATA,1 | X'F'  |
| DB1    | 9     |
| DATA,1 | 7     |
| DB1    | 8     |
| DATA,1 | X'F'  |

```

:
:
:
THE MASKS ARE AS FOLLOWS;
:
X'40' = STOP ON BLANK OR EBC ONLY (I
:
X'CO' = STOP ON ', ' OR EBC ONLY (CO
X'80' = STOP ON EBC ONLY (EBCMSK)
:
X'90' = STOP ON PAREN OR EBC ONLY (I
X'C1' = STOP ON NON-BLANK (NBMSK)
:
X'DF' = STOP ON NON-BLANK INCL. PARI
X'F2' = STOP ON NON-DEC (NDMSK)

```



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|      |    |       |   |   |
|------|----|-------|---|---|
|      | 02 | 014D9 | 1 | A |
|      | 02 | 014D9 | 2 | A |
|      | 02 | 014D9 | 3 | A |
|      | 02 | 014DA |   | A |
|      | 02 | 014DA | 1 | A |
| 6567 | 02 | 014DA | 2 |   |
| 6568 | 02 | 014DA | 2 | A |
|      | 02 | 014DA | 3 | A |
|      | 02 | 014DB |   | A |
|      | 02 | 014DB | 1 | A |
|      | 02 | 014DB | 2 | A |
|      | 02 | 014DB | 3 | A |
|      | 02 | 014DC |   | A |
|      | 02 | 014DC | 1 | A |
| 6569 | 02 | 014DC | 2 |   |
| 6570 | 02 | 014DC | 2 | A |
|      | 02 | 014DC | 3 | A |
|      | 02 | 014DD |   | A |
|      | 02 | 014DD | 1 | A |
|      | 02 | 014DD | 2 | A |
|      | 02 | 014DD | 3 | A |
|      | 02 | 014DE |   | A |
|      | 02 | 014DE | 1 | A |
|      | 02 | 014DE | 2 | A |
|      | 02 | 014DE | 3 | A |
|      | 02 | 014DF |   | A |
|      | 02 | 014DF | 1 | A |
|      | 02 | 014DF | 2 | A |
|      | 02 | 014DF | 3 | A |
|      | 02 | 014E0 |   | A |
|      | 02 | 014E0 | 1 | A |
|      | 02 | 014E0 | 2 | A |
|      | 02 | 014E0 | 3 | A |
|      | 02 | 014E1 |   | A |
|      | 02 | 014E1 | 1 | A |
|      | 02 | 014E1 | 2 | A |
|      | 02 | 014E1 | 3 | A |

DB1 8  
DATA,1 7

X'F4' • STOP ON NON-HEX (NXMSK)  
X'F8' • STOP ON NON-NAME (NNMSK)

DB1 23  
DATA,1 X'F'

X'E0' • STOP ON ANY DELIMITER (C0BLI)  
!

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|      |    |       |   |    |   |
|------|----|-------|---|----|---|
|      | 02 | 014E2 |   | 0F | A |
| 6571 | 02 | 014E2 | 1 |    |   |
| 6572 | 02 | 014E2 | 1 | 03 | A |
|      | 02 | 014E2 | 2 | 03 | A |
|      | 02 | 014E2 | 3 | 03 | A |
|      | 02 | 014E3 |   | 03 | A |
|      | 02 | 014E3 | 1 | 03 | A |
|      | 02 | 014E3 | 2 | 03 | A |
| 6573 | 02 | 014E3 | 3 |    |   |
| 6574 | 02 | 014E3 | 3 | 07 | A |
|      | 02 | 014E4 |   | 07 | A |
|      | 02 | 014E4 | 1 | 07 | A |
| 6575 | 02 | 014E4 | 2 |    |   |
| 6576 | 02 | 014E4 | 2 | 0F | A |
|      | 02 | 014E4 | 3 | 0F | A |
|      | 02 | 014E5 |   | 0F | A |
|      | 02 | 014E5 | 1 | 0F | A |
|      | 02 | 014E5 | 2 | 0F | A |
|      | 02 | 014E5 | 3 | 0F | A |
|      | 02 | 014E6 |   | 0F | A |
| 6577 | 02 | 014E6 | 1 |    |   |
| 6578 | 02 | 014E6 | 1 | 07 | A |
|      | 02 | 014E6 | 2 | 07 | A |
|      | 02 | 014E6 | 3 | 07 | A |
|      | 02 | 014E7 |   | 07 | A |
|      | 02 | 014E7 | 1 | 07 | A |
|      | 02 | 014E7 | 2 | 07 | A |
|      | 02 | 014E7 | 3 | 07 | A |
|      | 02 | 014E8 |   | 07 | A |
|      | 02 | 014E8 | 1 | 07 | A |
| 6579 | 02 | 014E8 | 2 |    |   |
| 6580 | 02 | 014E8 | 2 | 0F | A |
|      | 02 | 014E8 | 3 | 0F | A |
|      | 02 | 014E9 |   | 0F | A |
|      | 02 | 014E9 | 1 | 0F | A |
|      | 02 | 014E9 | 2 | 0F | A |
|      | 02 | 014E9 | 3 | 0F | A |

DB1 6  
DATA,1 3

! IS CONSIDERED TO BE !  
0,1,1, 11, AND X108! ARE EBC

DB1 3  
DATA,1 7

ALL SCANS STOP ON EBC.  
!

DB1 7  
DATA,1 X1F!

!  
!

DB1 9  
DATA,1 7

THE CONDITION CODES AFTER TRT ARE  
AS FOLLOWS;

DB1 8  
DATA,1 X1F!

!  
X18! = EBC WAS HIT (EBC)

|      |    |       |   |   |
|------|----|-------|---|---|
|      | 02 | 014EA |   | A |
|      | 02 | 014EA | 1 | A |
| 6581 | 02 | 014EA | 2 |   |
| 6582 | 02 | 014EA | 2 | A |
|      | 02 | 014EA | 3 | A |
|      | 02 | 014EB |   | A |
|      | 02 | 014EB | 1 | A |
|      | 02 | 014EB | 2 | A |
|      | 02 | 014EB | 3 | A |
|      | 02 | 014EC |   | A |
| 6583 | 02 | 014EC | 1 | A |
|      | 02 | 014EC | 2 |   |
| 6584 | 02 | 014EC | 2 | A |
|      | 02 | 014EC | 3 | A |
|      | 02 | 014ED |   | A |
|      | 02 | 014ED | 1 | A |
|      | 02 | 014ED | 2 | A |
|      | 02 | 014ED | 3 | A |
| 6585 | 02 | 014EE |   |   |
| 6586 | 02 | 014EE |   | A |
|      | 02 | 014EE | 1 | A |
|      | 02 | 014EE | 2 | A |
|      | 02 | 014EE | 3 | A |
|      | 02 | 014EF |   | A |
|      | 02 | 014EF | 1 | A |
|      | 02 | 014EF | 2 | A |
|      | 02 | 014EF | 3 | A |
|      | 02 | 014FO |   | A |
|      | 02 | 014FO | 1 | A |
| 6587 | 02 | 014FO | 2 |   |
| 6588 | 02 | 014FO | 2 | A |
|      | 02 | 014FO | 3 | A |
|      | 02 | 014F1 |   | A |
|      | 02 | 014F1 | 1 | A |
|      | 02 | 014F1 | 2 | A |
|      | 02 | 014F1 | 3 | A |
| 6589 |    |       |   |   |

DB1 8  
DATA,1 7

X'4' = COMMA WAS HIT (COMA)  
X'2' = BLANK WAS HIT

DB1 6  
DATA,1 X'F'

X'1' = PAREN WAS HIT (PAR)  
X'C' = COMMA OR EOC (COME)

DB1 10  
DATA,1 1

X'D' = COMMA, EOC OR PAREN (CEP)  
X'E' = COMMA, EOC OR BLANK (CEB)

DB1 6  
DATA,1 X'F'

;  
;

\*\*\*\*\*

|      |    |          | CRCTBL     | EQU  | \$          |
|------|----|----------|------------|------|-------------|
| 6590 |    | 02 014F2 | 0000C0C1 A | DATA | X'0000C0C1' |
| 6591 | 02 | 014F2    | 0000C0C1 A | DATA | X'0000C0C1' |
| 6592 | 02 | 014F3    | C1810140 A | DATA | X'C1810140' |
| 6593 | 02 | 014F4    | C30103C0 A | DATA | X'C30103C0' |
| 6594 | 02 | 014F5    | 0280C241 A | DATA | X'0280C241' |
| 6595 | 02 | 014F6    | C60106C0 A | DATA | X'C60106C0' |
| 6596 | 02 | 014F7    | 0780C741 A | DATA | X'0780C741' |
| 6597 | 02 | 014F8    | 0500C5C1 A | DATA | X'0500C5C1' |
| 6598 | 02 | 014F9    | C4810440 A | DATA | X'C4810440' |
| 6599 | 02 | 014FA    | CC010CC0 A | DATA | X'CC010CC0' |
| 6600 | 02 | 014FB    | 0D80CD41 A | DATA | X'0D80CD41' |
| 6601 | 02 | 014FC    | 0F00CFC1 A | DATA | X'0F00CFC1' |
| 6602 | 02 | 014FD    | CE810E40 A | DATA | X'CE810E40' |
| 6603 | 02 | 014FE    | 0A00CAC1 A | DATA | X'0A00CAC1' |
| 6604 | 02 | 014FF    | CB810B40 A | DATA | X'CB810B40' |
| 6605 | 02 | 01500    | C90109C0 A | DATA | X'C90109C0' |
| 6606 | 02 | 01501    | 0880C841 A | DATA | X'0880C841' |
| 6607 | 02 | 01502    | D80118C0 A | DATA | X'D80118C0' |
| 6608 | 02 | 01503    | 1980D941 A | DATA | X'1980D941' |
| 6609 | 02 | 01504    | 1B00DBC1 A | DATA | X'1B00DBC1' |
| 6610 | 02 | 01505    | DA811A40 A | DATA | X'DA811A40' |
| 6611 | 02 | 01506    | 1E00DEC1 A | DATA | X'1E00DEC1' |
| 6612 | 02 | 01507    | DF811F40 A | DATA | X'DF811F40' |
| 6613 | 02 | 01508    | DD011DC0 A | DATA | X'DD011DC0' |
| 6614 | 02 | 01509    | 1C80DC41 A | DATA | X'1C80DC41' |
| 6615 | 02 | 0150A    | 1400D4C1 A | DATA | X'1400D4C1' |
| 6616 | 02 | 0150B    | D5811540 A | DATA | X'D5811540' |
| 6617 | 02 | 0150C    | D70117C0 A | DATA | X'D70117C0' |
| 6618 | 02 | 0150D    | 1680D641 A | DATA | X'1680D641' |
| 6619 | 02 | 0150E    | D20112C0 A | DATA | X'D20112C0' |
| 6620 | 02 | 0150F    | 1380D341 A | DATA | X'1380D341' |
| 6621 | 02 | 01510    | 1100D1C1 A | DATA | X'1100D1C1' |
| 6622 | 02 | 01511    | D0811040 A | DATA | X'D0811040' |
| 6623 | 02 | 01512    | F00130C0 A | DATA | X'F00130C0' |
| 6624 | 02 | 01513    | 3180F141 A | DATA | X'3180F141' |
| 6625 | 02 | 01514    | 3300F3C1 A | DATA | X'3300F3C1' |
| 6626 | 02 | 01515    | F2813240 A | DATA | X'F2813240' |

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|      |    |       |          |   |      |            |
|------|----|-------|----------|---|------|------------|
| 6627 | 02 | 01516 | 3600F6C1 | A | DATA | X13600F6C1 |
| 6628 | 02 | 01517 | F7813740 | A | DATA | X1F7813740 |
| 6629 | 02 | 01518 | F50135C0 | A | DATA | X1F50135C0 |
| 6630 | 02 | 01519 | 3480F441 | A | DATA | X13480F441 |
| 6631 | 02 | 0151A | 3C00FCC1 | A | DATA | X13C00FCC1 |
| 6632 | 02 | 0151B | FD813D40 | A | DATA | X1FD813D40 |
| 6633 | 02 | 0151C | FF013FC0 | A | DATA | X1FF013FC0 |
| 6634 | 02 | 0151D | 3E80FE41 | A | DATA | X13E80FE41 |
| 6635 | 02 | 0151E | FA013AC0 | A | DATA | X1FA013AC0 |
| 6636 | 02 | 0151F | 3B80FB41 | A | DATA | X13B80FB41 |
| 6637 | 02 | 01520 | 3900F9C1 | A | DATA | X13900F9C1 |
| 6638 | 02 | 01521 | F8813840 | A | DATA | X1F8813840 |
| 6639 | 02 | 01522 | 2800E8C1 | A | DATA | X12800E8C1 |
| 6640 | 02 | 01523 | F9812940 | A | DATA | X1E9812940 |
| 6641 | 02 | 01524 | FB012BC0 | A | DATA | X1EB012BC0 |
| 6642 | 02 | 01525 | 2A80EA41 | A | DATA | X12A80EA41 |
| 6643 | 02 | 01526 | FE012EC0 | A | DATA | X1EE012EC0 |
| 6644 | 02 | 01527 | 2F80EF41 | A | DATA | X12F80EF41 |
| 6645 | 02 | 01528 | 2D00EDC1 | A | DATA | X12D00EDC1 |
| 6646 | 02 | 01529 | FC812C40 | A | DATA | X1EC812C40 |
| 6647 | 02 | 0152A | F40124C0 | A | DATA | X1E40124C0 |
| 6648 | 02 | 0152B | 2580E541 | A | DATA | X12580E541 |
| 6649 | 02 | 0152C | 2700E7C1 | A | DATA | X12700E7C1 |
| 6650 | 02 | 0152D | F6812640 | A | DATA | X1E6812640 |
| 6651 | 02 | 0152E | 2200E2C1 | A | DATA | X12200E2C1 |
| 6652 | 02 | 0152F | F3812340 | A | DATA | X1E3812340 |
| 6653 | 02 | 01530 | F10121C0 | A | DATA | X1E10121C0 |
| 6654 | 02 | 01531 | 2080E041 | A | DATA | X12080E041 |
| 6655 | 02 | 01532 | A00160C0 | A | DATA | X1A00160C0 |
| 6656 | 02 | 01533 | 6180A141 | A | DATA | X16180A141 |
| 6657 | 02 | 01534 | 6300A3C1 | A | DATA | X16300A3C1 |
| 6658 | 02 | 01535 | A2816240 | A | DATA | X1A2816240 |
| 6659 | 02 | 01536 | 6600A6C1 | A | DATA | X16600A6C1 |
| 6660 | 02 | 01537 | A7816740 | A | DATA | X1A7816740 |
| 6661 | 02 | 01538 | A50165C0 | A | DATA | X1A50165C0 |
| 6662 | 02 | 01539 | 6480A441 | A | DATA | X16480A441 |
| 6663 | 02 | 0153A | 6C00ACC1 | A | DATA | X16C00ACC1 |

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|      |    |       |            |      |             |
|------|----|-------|------------|------|-------------|
| 6664 | 02 | 0153B | A0816D40 A | DATA | X'AD816D40' |
| 6665 | 02 | 0153C | AF016FC0 A | DATA | X'AF016FC0' |
| 6666 | 02 | 0153D | 6E80AE41 A | DATA | X'6E80AE41' |
| 6667 | 02 | 0153E | AA016AC0 A | DATA | X'AA016AC0' |
| 6668 | 02 | 0153F | 6B80AB41 A | DATA | X'6B80AB41' |
| 6669 | 02 | 01540 | 6900A9C1 A | DATA | X'6900A9C1' |
| 6670 | 02 | 01541 | A8816840 A | DATA | X'A8816840' |
| 6671 | 02 | 01542 | 7800B8C1 A | DATA | X'7800B8C1' |
| 6672 | 02 | 01543 | B9817940 A | DATA | X'B9817940' |
| 6673 | 02 | 01544 | BB017BC0 A | DATA | X'BB017BC0' |
| 6674 | 02 | 01545 | 7A80BA41 A | DATA | X'7A80BA41' |
| 6675 | 02 | 01546 | BE017EC0 A | DATA | X'BE017EC0' |
| 6676 | 02 | 01547 | 7F80BF41 A | DATA | X'7F80BF41' |
| 6677 | 02 | 01548 | 7D00BDC1 A | DATA | X'7D00BDC1' |
| 6678 | 02 | 01549 | BC817C40 A | DATA | X'BC817C40' |
| 6679 | 02 | 0154A | B40174C0 A | DATA | X'B40174C0' |
| 6680 | 02 | 0154B | 7580B541 A | DATA | X'7580B541' |
| 6681 | 02 | 0154C | 7700B7C1 A | DATA | X'7700B7C1' |
| 6682 | 02 | 0154D | B6817640 A | DATA | X'B6817640' |
| 6683 | 02 | 0154E | 7200B2C1 A | DATA | X'7200B2C1' |
| 6684 | 02 | 0154F | B3817340 A | DATA | X'B3817340' |
| 6685 | 02 | 01550 | B10171C0 A | DATA | X'B10171C0' |
| 6686 | 02 | 01551 | 7080B041 A | DATA | X'7080B041' |
| 6687 | 02 | 01552 | 500090C1 A | DATA | X'500090C1' |
| 6688 | 02 | 01553 | 91815140 A | DATA | X'91815140' |
| 6689 | 02 | 01554 | 930153C0 A | DATA | X'930153C0' |
| 6690 | 02 | 01555 | 52809241 A | DATA | X'52809241' |
| 6691 | 02 | 01556 | 960156C0 A | DATA | X'960156C0' |
| 6692 | 02 | 01557 | 57809741 A | DATA | X'57809741' |
| 6693 | 02 | 01558 | 550095C1 A | DATA | X'550095C1' |
| 6694 | 02 | 01559 | 94815440 A | DATA | X'94815440' |
| 6695 | 02 | 0155A | 9C015CC0 A | DATA | X'9C015CC0' |
| 6696 | 02 | 0155B | 5D809D41 A | DATA | X'5D809D41' |
| 6697 | 02 | 0155C | 5F009FC1 A | DATA | X'5F009FC1' |
| 6698 | 02 | 0155D | 9E815E40 A | DATA | X'9E815E40' |
| 6699 | 02 | 0155E | 5A009AC1 A | DATA | X'5A009AC1' |
| 6700 | 02 | 0155F | 9B815B40 A | DATA | X'9B815B40' |

6701 02 01560 990159C0 A  
 6702 02 01561 8809841 A  
 6703 02 01562 80148C0 A  
 6704 02 01563 49808941 A  
 6705 02 01564 4B008BC1 A  
 6706 02 01565 8A814A40 A  
 6707 02 01566 4E008EC1 A  
 6708 02 01567 8F814F40 A  
 6709 02 01568 8D014DC0 A  
 6710 02 01569 4C808C41 A  
 6711 02 0156A 440084C1 A  
 6712 02 0156B 85814540 A  
 6713 02 0156C 870147C0 A  
 6714 02 0156D 46808641 A  
 6715 02 0156E 820142C0 A  
 6716 02 0156F 43808341 A  
 6717 02 01570 410081C1 A  
 6718 02 01571 80814040 A

DATA X'990159C0'  
 DATA X'8809841'  
 DATA X'80148C0'  
 DATA X'49808941'  
 DATA X'4B008BC1'  
 DATA X'8A814A40'  
 DATA X'4E008EC1'  
 DATA X'8F814F40'  
 DATA X'8D014DC0'  
 DATA X'4C808C41'  
 DATA X'440084C1'  
 DATA X'85814540'  
 DATA X'870147C0'  
 DATA X'46808641'  
 DATA X'820142C0'  
 DATA X'43808341'  
 DATA X'410081C1'  
 DATA X'80814040'

6719  
 6720 02 01572  
 6721 0000008E  
 6722 00000001  
 6723 02 01572  
 6724  
 6725 \*S\*  
 6726  
 6727  
 6728 03 00000  
 6729 03 00000 00000000 N  
 6730 03 00001 00000000 N  
 6731 03 00002 00000000 A  
 6732  
 6733  
 6734 03 00003 00000000 N  
 6735 03 00004 00000000 N  
 6736 03 00005 00000000 N  
 6737 03 00006 00000000 N

\*\*\*\*\*  
 RBBP EQU \*  
 PTSZ SET ((ABSVAL(RBBP)+X'1FF')&(X'1FE00'))=ABSVAL(RBBP)  
 DB PTSZ=64  
 RES PTSZ=14  
 ELSE  
 RES 512  
 FIN

\*\*\*\*\*!  
 CSECT 0 BEGINNING OF STATIC DATA  
 SDAA DATA BWISDA=\$ DISPLACEMENT TO BW:SDA FOR RECOVERY  
 SDAS DATA INFIL+OUTFIL SIZE OF BW:SDA FOR RECOVERY  
 SVCBF DATA 0 CURRENT COMBUF (USED BY RECOVERY)  
 ALZ COM=32 AF(1)=SDAA  
 \* RELATIVE ADDRESSES FOR ANLZ TO DUMP RBBAT TABLES  
 DATA INFIL  
 DATA OUTFIL  
 ALZ BB;COPY  
 ALZ BB;DEV

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|      |    |          |          |   |
|------|----|----------|----------|---|
| 6738 | 03 | 00007    | 00000000 | N |
| 6739 | 03 | 00008    | 00000000 | N |
| 6740 | 03 | 00009    | 00000000 | N |
| 6741 | 03 | 0000A    | 00000024 | A |
| 6742 | 03 | 0000B    | 00000000 | N |
| 6743 | 03 | 0000C    | 00000000 | N |
| 6744 | 03 | 0000D    | 00000000 | N |
| 6745 | 03 | 0000E    | 00000000 | N |
| 6746 | 03 | 0000F    | 00000000 | N |
| 6747 | 03 | 00010    | 00000037 | A |
| 6748 | 03 | 00011    | 00000000 | N |
| 6749 | 03 | 00012    | 00000000 | N |
| 6750 | 03 | 00013    | 00000000 | N |
| 6751 | 03 | 00014    | 00000000 | N |
| 6752 | 03 | 00015    | 00000000 | N |
| 6753 | 03 | 00016    | 00000000 | N |
| 6754 | 03 | 00017    | 00000000 | N |
| 6755 | 03 | 00018    | 00000000 | N |
| 6756 | 03 | 00019    | 00000000 | N |
| 6757 | 03 | 0001A    | 00000000 | N |
| 6758 | 03 | 0001B    | 00000000 | N |
| 6759 | 03 | 0001C    | 00000000 | N |
| 6760 | 03 | 0001D    | 00000000 | N |
| 6761 | 03 | 0001E    | 00000000 | N |
| 6762 | 03 | 0001F    | 00000000 | N |
| 6763 | 03 | 00020    | 00000000 | N |
| 6764 | 03 | 00021    | 00000000 | N |
| 6765 | 03 | 00022    | 00000000 | N |
| 6766 | 03 | 00023    | 8A814A40 | A |
| 6767 |    |          |          |   |
| 6768 |    | 03 00024 |          |   |
| 6769 | 03 | 00024    |          |   |
| 6770 | 03 | 00024    | 0000     | A |
|      | 03 | 00024    | 2 0000   | A |
|      | 03 | 00025    | 0000     | A |
|      | 03 | 00025    | 2 0000   | A |
|      | 03 | 00026    | 0000     | A |

|     |          |
|-----|----------|
| ALZ | BB:PI    |
| ALZ | BB:RID   |
| ALZ | BD:ACCT  |
| ALZ | BH:HPRI  |
| ALZ | BH:LINK  |
| ALZ | BH:PART  |
| ALZ | BH:SID   |
| ALZ | BH:SLNK  |
| ALZ | BH:TIME  |
| ALZ | BH:TPRI  |
| ALZ | BH:XLNK  |
| ALZ | BW:FORM  |
| ALZ | BW:SDA   |
| ALZ | BW:WRES  |
| ALZ | BB:JDE   |
| ALZ | BW:FOVL  |
| ALZ | BH:GRAN  |
| ALZ | RB:MFAD  |
| ALZ | RB:SPMF  |
| ALZ | RBH:MXF  |
| ALZ | RBB:DSM  |
| ALZ | RBB:MXP  |
| ALZ | RBB:SMD  |
| ALZ | STW:FORM |
| ALZ | STB:DPD  |
| ALZ | STB:JDE  |
| ALZ | STH:NM   |
| ALZ | STW:FBV  |

RCVLBC DATA X18A814A40! FOR RCVR TO TEST GOOD DATA

\*\*\*\*\*

BH:HPRI EQU \$ PRIORITY CHAIN HEADS

DB1 X'24'

DATA,2 0



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|      |       |       |       |   |
|------|-------|-------|-------|---|
| 03   | 00026 | 2     | 0000  | A |
| 03   | 00027 |       | 0000  | A |
| 03   | 00027 | 2     | 0000  | A |
| 03   | 00028 |       | 0000  | A |
| 03   | 00028 | 2     | 0000  | A |
| 03   | 00029 |       | 0000  | A |
| 03   | 00029 | 2     | 0000  | A |
| 03   | 0002A |       | 0000  | A |
| 03   | 0002A | 2     | 0000  | A |
| 03   | 0002B |       | 0000  | A |
| 03   | 0002B | 2     | 0000  | A |
| 03   | 0002C |       | 0000  | A |
| 03   | 0002C | 2     | 0000  | A |
| 03   | 0002D |       | 0000  | A |
| 03   | 0002D | 2     | 0000  | A |
| 03   | 0002E |       | 0000  | A |
| 03   | 0002E | 2     | 0000  | A |
| 03   | 0002F |       | 0000  | A |
| 03   | 0002F | 2     | 0000  | A |
| 03   | 00030 |       | 0000  | A |
| 03   | 00030 | 2     | 0000  | A |
| 03   | 00031 |       | 0000  | A |
| 03   | 00031 | 2     | 0000  | A |
| 03   | 00032 |       | 0000  | A |
| 03   | 00032 | 2     | 0000  | A |
| 03   | 00033 |       | 0000  | A |
| 03   | 00033 | 2     | 0000  | A |
| 03   | 00034 |       | 0000  | A |
| 03   | 00034 | 2     | 0000  | A |
| 03   | 00035 |       | 0000  | A |
| 03   | 00035 | 2     | 0000  | A |
| 6771 | 03    | 00036 | 0001  | A |
| 6772 | 03    | 00036 | 0001  | N |
| 6773 |       |       |       |   |
| 6774 |       | 03    | 00037 |   |
| 6775 | 03    | 00037 |       |   |
| 6776 | 03    | 00037 | 0000  | A |

|         |         |                        |
|---------|---------|------------------------|
| DATA,2  | 1       | INPUT FREE HEAD        |
| DATA,2  | INFIL+1 | OUTPUT FREE HEAD       |
| *****   |         |                        |
| BHITPRI | EDU     | * PRIORITY CHAIN TAILS |
|         | DB1     | X'24'                  |
| DATA,2  | 0       |                        |

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|      |       |       |      |   |
|------|-------|-------|------|---|
| 03   | 00037 | 2     | 0000 | A |
| 03   | 00038 |       | 0000 | A |
| 03   | 00038 | 2     | 0000 | A |
| 03   | 00039 |       | 0000 | A |
| 03   | 00039 | 2     | 0000 | A |
| 03   | 0003A |       | 0000 | A |
| 03   | 0003A | 2     | 0000 | A |
| 03   | 0003B |       | 0000 | A |
| 03   | 0003B | 2     | 0000 | A |
| 03   | 0003C |       | 0000 | A |
| 03   | 0003C | 2     | 0000 | A |
| 03   | 0003D |       | 0000 | A |
| 03   | 0003D | 2     | 0000 | A |
| 03   | 0003E |       | 0000 | A |
| 03   | 0003E | 2     | 0000 | A |
| 03   | 0003F |       | 0000 | A |
| 03   | 0003F | 2     | 0000 | A |
| 03   | 00040 |       | 0000 | A |
| 03   | 00040 | 2     | 0000 | A |
| 03   | 00041 |       | 0000 | A |
| 03   | 00041 | 2     | 0000 | A |
| 03   | 00042 |       | 0000 | A |
| 03   | 00042 | 2     | 0000 | A |
| 03   | 00043 |       | 0000 | A |
| 03   | 00043 | 2     | 0000 | A |
| 03   | 00044 |       | 0000 | A |
| 03   | 00044 | 2     | 0000 | A |
| 03   | 00045 |       | 0000 | A |
| 03   | 00045 | 2     | 0000 | A |
| 03   | 00046 |       | 0000 | A |
| 03   | 00046 | 2     | 0000 | A |
| 03   | 00047 |       | 0000 | A |
| 03   | 00047 | 2     | 0000 | A |
| 03   | 00048 |       | 0000 | A |
| 03   | 00048 | 2     | 0000 | A |
| 6777 | 03    | 00049 | 0000 | N |
| 6778 | 03    | 00049 | 0000 | N |

DATA,2    INFIL  
DATA,2    INFIL+OUTFIL

INPUT FREE TAIL  
OUTPUT FREE TAIL

6779  
6780 03 0004A 00000000 A  
6781 03 0004B 00000000 A  
6782 03 0004C 00000000 A  
6783 03 0004D 00000000 A  
6784 03 0004E 00000000 A  
6785 03 0004F 00000000 A  
6786 03 00050 00000000 A  
6787 03 00051 00000000 A  
6788 03 00052 00000000 A  
6789 03 00053 00000000 A  
6790 03 00054 00000000 A  
6791 03 00055 00000000 A  
6792 03 00056 00000000 A  
6793 03 00057 00000000 A  
6794 03 00058 00000000 A  
6795 03 00059 00000000 A  
6796 03 0005A 00000000 A  
6797 03 0005B 00000000 A  
6798 03 0005C 00000000 A  
6799 03 0005D 00000000 A  
6800 03 0005E 00000000 A  
6801 03 0005F  
6802 03 00060  
6803 03 00061  
6804 03 00062  
6805 03 0006A  
6806 03 0006E  
6807 03 00071  
6808 03 00072 00000000 A  
6809 03 00073 00010000 N  
6810 03 00074 00000000 A  
6811 03 00075 00000000 A  
6812 03 00076 00000000 A  
6813 03 00077 00000000 A  
6814 03 00078 00000000 A  
6815 03 00079 00000000 A

\*\*\*\*\*

ABORT DATA 0  
ADDX DATA 0  
ALLX DATA 0  
ARS DATA 0  
ARSE DATA 0  
ARSO DATA 0  
BCP DATA 0  
CBM DATA 0  
CONT DATA 0 CONTINUATION FLAG  
CCMVD DATA 0  
CURSID DATA 0  
CVT DATA 0  
FFLG DATA 0  
FINFLG DATA 0  
FRMCK DATA 0  
FRNMN DATA 0  
FLAGS DATA 0  
FLINK DATA 0  
FLKXX DATA 0  
FRSTPG DATA 0  
KOMP DATA 0  
PRCOPX RES 1  
XS RES 1  
IJTYPE RES 1  
BSLICRES RES 8  
B8ICRES RES 4  
BI:ASPN RES 3  
BADRS RES 1  
RESX DATA 0  
RSID GEN, 16, 16 SMUTS+1, 0  
TYP SW DATA 0  
SWTYP DATA 0  
SWITFLG DATA 0  
SWRID DATA 0  
KSW# DATA 0  
KSWFLG DATA 0

ABORT JOB FLAG  
ENTRY INDEX FOR AIF, AIFJE  
ALL WAS SPECIFIED ON A COMMAND  
BYTE COUNT OF CC (PROBABLY ALWAYS 8)  
REC LENGTH TO EOC  
REC LENGTH - USEFUL INFO  
BEGINING ADDR OF CC  
COMMAND BEING PROCESSED  
  
CC IN MESSAGE FILE FLAG  
  
CONVERSION BASE  
FILE FOUND FLAG FOR FINDSID  
LAST JOB OF BLOCK FLAG  
COUNTER FOR FORMS MESSAGE  
NAME OF HIGEST PRIO FORMS  
SAVED RBIFLAG  
DISC SECTOR FLINK  
  
BASE OF DYNAMIC DATA

6816  
6817 03 0007A  
6818 03 0007A  
6819 03 0007A 00000000 A  
03 0007B 00000000 A  
03 0007C 00000000 A  
03 0007D 00000000 A  
03 0007E 00000000 A  
03 0007F 00000000 A  
03 00080 00000000 A  
03 00081 00000000 A  
03 00082 00000000 A  
03 00083 00000000 A  
03 00084 00000000 A  
03 00085 00000000 A  
03 00086 00000000 A  
03 00087 00000000 A  
03 00088 00000000 A  
03 00089 00000000 A  
03 0008A 00000000 A  
03 0008B 00000000 A  
6820 00000048  
6821 03 0008C 0000008E  
6822 03 0008D 0037 A  
03 0008D 2 0000 A  
6823 03 0008E  
6824 03 000C6 00000000 N  
6825 03 000C7 00000000 A  
6826 03 000C8 00000000 A  
6827 03 000C9 00000000 A  
6828 03 000CA 00000000 A  
6829 03 000CB 00000000 A  
6830 03 000CC 00000000 A  
6831 03 000CD 00000000 A  
6832 03 000CE 00000020 A  
6833 03 000CF 00000000 A  
6834 03 000D0 00000000 A

INVRN BOUND 8  
EQU \$  
D01 18  
DATA 0

INVRNSz EQU 72  
TMPSTK DATA \$+2  
DATA,2 55,0

RES 56  
MFFS DATA MFS  
MRKD DATA 0  
MSFLG DATA 0  
NXTFCN DATA 0  
NYID DATA 0  
OCCC DATA 0  
OPTLST DATA 0  
OPTBL DATA 0  
PGCNT DATA 32  
PGMAP DATA 0  
PREV DATA 0

! ENVIRONMENT READ IN BY REVR

! TEMP STACK

! COUNTER OF SPECIAL MESSAGE FILE SLO  
CC HAS BEEN FLAGGED AS IN ERROR  
HEADING FLAG FOR DISPLAY  
SAVED SYMBIONT FUNCTION CODE FROM D  
NOT YOUR ID FLAG FOR FINDSID  
INPUT FROM OC FLAG  
OPTION LIST POINTER FOR PROCOP  
ROUTINE LIST POINTER FOR PROCOP  
PAGE COUNTER FOR DYN. BUFFERING  
PAGE MAP FOR DYN. BUFFERING  
ENTX USED BY CHNGRSET

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|      |    |          |          |   |         |      |           |
|------|----|----------|----------|---|---------|------|-----------|
| 6835 | 03 | 000D1    | 00000000 | A | PRIB    | DATA | 0         |
| 6836 | 03 | 000D2    | 00000000 | A | RCVRSV  | DATA | 0         |
| 6837 | 03 | 000D3    | 00000000 | A | RCVRFLG | DATA | 0         |
| 6838 | 03 | 000D4    | 00000000 | A | RCVRPTR | DATA | 0         |
| 6839 | 03 | 000D5    | 00000000 | A | RCVRBUF | DATA | 0         |
| 6840 | 03 | 000D6    | 00000000 | A | RCVUN   | DATA | 0         |
| 6841 | 03 | 000D7    | 00000000 | A | RES#    | DATA | 0         |
| 6842 | 03 | 000D8    | 00000000 | A | SECT    | DATA | 0         |
| 6843 | 03 | 000D9    | 00000000 | A | STATX   | DATA | 0         |
| 6844 | 03 | 000DA    | 0000008C | A | STAK    | DATA | TMPSTK    |
| 6845 | 03 | 000DB    | 00000000 | A | SV10    | DATA | 0         |
| 6846 | 03 | 000DC    | 00000001 | A | SVZ     | DATA | 1         |
| 6847 |    | 03 000DD |          |   | SVREGS  | EQU  | \$        |
| 6848 | 03 | 000DD    |          |   |         | DB1  | 11        |
| 6849 | 03 | 000DD    | 00000000 | A |         | DATA | 0         |
|      | 03 | 000DE    | 00000000 | A |         |      |           |
|      | 03 | 000DF    | 00000000 | A |         |      |           |
|      | 03 | 000E0    | 00000000 | A |         |      |           |
|      | 03 | 000E1    | 00000000 | A |         |      |           |
|      | 03 | 000E2    | 00000000 | A |         |      |           |
|      | 03 | 000E3    | 00000000 | A |         |      |           |
|      | 03 | 000E4    | 00000000 | A |         |      |           |
|      | 03 | 000E5    | 00000000 | A |         |      |           |
|      | 03 | 000E6    | 00000000 | A |         |      |           |
|      | 03 | 000E7    | 00000000 | A |         |      |           |
| 6850 | 03 | 000E8    | 00000000 | A | SVREG11 | DATA | 0,0,0,0,0 |
|      | 03 | 000E9    | 00000000 | A |         |      |           |
|      | 03 | 000EA    | 00000000 | A |         |      |           |
|      | 03 | 000EB    | 00000000 | A |         |      |           |
|      | 03 | 000EC    | 00000000 | A |         |      |           |
| 6851 | 03 | 000ED    | 00000000 | A | SYMINDx | DATA | 0         |
| 6852 | 03 | 000EE    | 00000000 | A | CCTMP   | DATA | 0         |
| 6853 |    | 03 000EO |          |   | ZERO    | EQU  | BA(SDAA)  |
| 6854 | 03 | 000EF    | 00000000 | A | WMFA    | DATA | 0         |
| 6855 |    | 000100EO |          |   | VP      | EQU  | X'10000'  |
| 6856 | 03 | 000F0    | 00000000 | A | SAD     | DATA | 0         |
| 6857 | 03 | 000F1    | 00010000 | A |         | DATA | VP        |

PRIB OF JOB BEING ADDED  
RBBATR SAVED FLAGS AND COMBUF ADDR  
RBBATR RECOVERY IN PROGRESS FLAG  
RBBATR PLACE TO RETURN  
POINTER TO RBBATR DYN. BUFFER  
CUN OF LST CRASH

ADDR OF CURENT DISC BUFFER  
FLAG FOR STATUS HEADINGS  
POINTER TO TEMPSTK (SHOULD BE REMOVED)  
GENERAL TEMP SAVE CELL  
FLAG FOR ENVIRONMENT SAVED  
ENVIRONMENT SAVE AREA

H01 15140 SEP 08, 175  
 6858 03 000F2 00000000 A  
 6859 03 000F3 00000000 A  
 6860 03 000F4 13406040 A  
 03 000F5 F7E7E7E7 A  
 03 000F6 F7E7E7E7 A  
 03 000F7 40405CD4 A  
 03 000F8 F2C75C40 A  
 6861 03 000F9  
 6862 00000013  
 6863 03 00117 0F406040 A  
 03 00118 F7E7E7E7 A  
 03 00119 F7E7E7E7 A  
 03 0011A 405C5C40 A  
 6864 03 0011B 045C4040 A  
 03 0011C 40404040 A  
 6865 03 0011D  
 6866 00000010  
 6867 03 00130 17406040 A  
 03 00131 F7E7E7E7 A  
 03 00132 F7E7E7E7 A  
 03 00133 406040D3 A  
 03 00134 D6C7C7C5 A  
 03 00135 C440D6D5 A  
 6868 03 00136 1FC3C1D5 A  
 03 00137 D5D6E340 A  
 03 00138 C1C3C3C5 A  
 03 00139 F2E2407A A  
 03 0013A D9C2D3D6 A  
 03 0013B C740C3D6 A  
 03 0013C C4C57E40 A  
 03 0013D F7E7E7E7 A  
 6869 03 0013E 1F5CC2C1 A  
 03 0013F F3C3C840 A  
 03 00140 D8E4C5E4 A  
 03 00141 C540D3D6 A  
 03 00142 F2E35A40 A  
 03 00143 6040C3D6 A

STARTCBM DATA 0  
 CHAINHD DATA 0  
 RBMS TEXTC ! = XXXXXXXX \*MSG\* ,  
 RBMS1 RFS 30  
 RBMSZ EQU 19  
 RB@PBUF TEXTC ! = XXXXXXXX \*\* !  
 @PBUF TEXTC ! \* ! ;  
 RB@PSZ RES 19  
 @NMES EQU 16  
 TEXTC ! = XXXXXXXX = LOGGED ON;  
 ABNM TEXTC ! CANNOT ACCESS ;RBL@G CODE= XXXX;  
 ZAPM TEXTC ! \*BATCH QUEUE LOST = CODE= XXXX;

|      |    |       |          |   |        |       |  |
|------|----|-------|----------|---|--------|-------|--|
|      | 03 | 00144 | C4C57E40 | A |        |       |  |
|      | 03 | 00145 | F7E7E7E7 | A |        |       |  |
| 6870 |    | 03    | 00145    |   | ZAPM1  | EQU   | ZAPM*7                                     |
| 6871 | 03 | 00146 | 0B80C800 | A | REQFXP | DATA  | X'0B80C800',X'0100FFFF',X'FFFFFF00'        |
|      | 03 | 00147 | 0100FFFF | A |        |       |  |
|      | 03 | 00148 | FFFFFF00 | A |        |       |  |
| 6872 | 03 | 00149 | 0780C400 | A | GFXP   | DATA  | X'0780C400',X'0200FF00'                    |
|      | 03 | 0014A | 0200FF00 | A |        |       |  |
| 6873 |    |       |          |   | INAM   | TEXTC | ! *SYSID=XXXX DEVICE=XX NAME=0000 INPUT!,! |
| 6874 | 03 | 0014B | 335CE2E8 | A |        |       | ! FILE ACCEPTED!                           |
|      | 03 | 0014C | E2C9C47E | A |        |       |  |
|      | 03 | 0014D | F7E7E7E7 | A |        |       |  |
|      | 03 | 0014E | 40C4C5E5 | A |        |       |  |
|      | 03 | 0014F | C9C3C57E | A |        |       |  |
|      | 03 | 00150 | F7E740D5 | A |        |       |  |
|      | 03 | 00151 | C1D4C57E | A |        |       |  |
|      | 03 | 00152 | F0F0F0F0 | A |        |       |  |
|      | 03 | 00153 | 40C9D5D7 | A |        |       |  |
|      | 03 | 00154 | F4E340C6 | A |        |       |  |
|      | 03 | 00155 | C9D3C540 | A |        |       |  |
|      | 03 | 00156 | C1C3C3C5 | A |        |       |  |
|      | 03 | 00157 | D7E3C5C4 | A |        |       |  |
| 6875 |    | 03    | 00152    |   | INAM3  | EQU   | INAM*7                                     |
| 6876 |    | 03    | 0014D    |   | INAM1  | EQU   | INAM*2                                     |
| 6877 |    | 03    | 00150    |   | INAM2  | EQU   | INAM*5                                     |
| 6878 | 03 | 00158 | 32323232 | A | SLSG   | DATA  | X'32323232!                                |
| 6879 | 03 | 00159 | 100290BF | A |        | DATA  | X'100290BF!                                |
| 6880 | 03 | 0015A | FFF0C161 | A |        | DATA  | X'FFF0C161!                                |
| 6881 | 03 | 0015B | 5CE2C9C7 | A |        | TEXT  | ! *SIGNBN                                  |
|      | 03 | 0015C | D5D6D540 | A |        |       | REMBTENN XXXXXXXX !                        |
|      | 03 | 0015D | 40404040 | A |        |       |  |
|      | 03 | 0015E | 4040D9C5 | A |        |       |  |
|      | 03 | 0015F | D4D6E3C5 | A |        |       |  |
|      | 03 | 00160 | D5D540E7 | A |        |       |  |
|      | 03 | 00161 | F7E7E7E7 | A |        |       |  |
|      | 03 | 00162 | F7E7E740 | A |        |       |  |
| 6882 | 03 | 00163 | 40404040 | A |        | TEXT  | ! !  |

|      |    |          |          |   |         |             |                              |
|------|----|----------|----------|---|---------|-------------|------------------------------|
|      | 03 | 00164    | 40404040 | A |         |             |                              |
|      | 03 | 00165    | 40404040 | A |         |             |                              |
|      | 03 | 00166    | 40404040 | A |         |             |                              |
|      | 03 | 00167    | 40404040 | A |         |             |                              |
| 6883 | 03 | 00168    | 40404040 | A | TEXT    |             |                              |
|      | 03 | 00169    | 40404040 | A |         |             |                              |
|      | 03 | 0016A    | 40404040 | A |         |             |                              |
|      | 03 | 0016B    | 40404040 | A |         |             |                              |
|      | 03 | 0016C    | 40404040 | A |         |             |                              |
|      | 03 | 0016D    | 40404040 | A |         |             |                              |
| 6884 | 03 | 0016E    | 40404000 | A | DATA    | X'40404000' |                              |
| 6885 | 03 | 0016F    | 10260000 | A | DATA    | X'10260000' |                              |
| 6886 | 03 | 00170    | FFFFFFFF | A | DATA    | =1          |                              |
| 6887 |    | 0000001A |          |   | SLSGRMT | EQU         | 26                           |
| 6888 |    | 00000050 |          |   | SLSGSZ  | EQU         | 80                           |
| 6889 |    | 0000000B |          |   | SLSGBSZ | EQU         | 11                           |
| 6890 |    | 00000006 |          |   | SLSGESZ | EQU         | 6                            |
| 6891 |    | 000000A1 |          |   | SLSGWSZ | EQU         | SLSGBSZ+SLSGSZ+SLSGESZ       |
| 6892 |    | 00000008 |          |   | SLSGCSZ | EQU         | SLSGWSZ+9                    |
| 6893 |    | 03 00178 |          |   | SLSGB   | EQU         | BA(SLSG)                     |
| 6894 |    | 03 0017A |          |   | SLSGM   | EQU         | SLSGB+SLSGBSZ                |
| 6895 |    | 03 0017E |          |   | SLSGE   | EQU         | SLSGM+SLSGSZ                 |
| 6896 |    | 00040680 |          |   | SLSGGB  | EQU         | (VP+BUF4+1)**2               |
| 6897 | 03 | 00171    | 4040D9C5 | A | RMTNUM  | TEXT        | ! REMOTEN!                   |
|      | 03 | 00172    | D4D6E3C5 | A |         |             |                              |
|      | 03 | 00173    | D5D54040 | A |         |             |                              |
| 6898 | 03 | 00174    | 185CE2E8 | A | NONEX   | TEXTC       | ! *SYSID,XXXX DOESNT EXIST!  |
|      | 03 | 00175    | F2C9C47E | A |         |             |                              |
|      | 03 | 00176    | F7E7E7E7 | A |         |             |                              |
|      | 03 | 00177    | 40C4D6C5 | A |         |             |                              |
|      | 03 | 00178    | F2D5E340 | A |         |             |                              |
|      | 03 | 00179    | C5E7C9E2 | A |         |             |                              |
|      | 03 | 0017A    | F3404040 | A |         |             |                              |
| 6899 | 03 | 0017B    | 195CE2E8 | A | RRM     | TEXTC       | ! *SYSID,XXXX WILL BE RERUN! |
|      | 03 | 0017C    | F2C9C47E | A |         |             |                              |
|      | 03 | 0017D    | F7E7E7E7 | A |         |             |                              |
|      | 03 | 0017E    | 40E6C9D3 | A |         |             |                              |



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|      |    |          |          |   |        |       |  |
|------|----|----------|----------|---|--------|-------|--|
|      | 03 | 0017F    | D340C2C5 | A |        |       |  |
|      | 03 | 00180    | 40D9C5D9 | A |        |       |  |
|      | 03 | 00181    | F4D54040 | A |        |       |  |
| 6900 | 03 | 00182    | 2B5CE2E8 | A | NRRM   | TEXTC | !*SYSID,XXXX ACCT = AAAAAAA CANNOT BE RERUN! |
|      | 03 | 00183    | F2C9C47E | A |        |       |  |
|      | 03 | 00184    | F7E7E7E7 | A |        |       |  |
|      | 03 | 00185    | 40C1C3C3 | A |        |       |  |
|      | 03 | 00186    | F3407E40 | A |        |       |  |
|      | 03 | 00187    | C1C1C1C1 | A |        |       |  |
|      | 03 | 00188    | C1C1C1C1 | A |        |       |  |
|      | 03 | 00189    | 40C3C1D5 | A |        |       |  |
|      | 03 | 0018A    | D5D6E340 | A |        |       |  |
|      | 03 | 0018B    | C2C540D9 | A |        |       |  |
|      | 03 | 0018C    | C5D9E4D5 | A |        |       |  |
| 6901 |    | 03       | 00187    |   | NRRM1  | EQU   | NRRM*5                                       |
| 6902 |    |          |          |   |        | BOUND | 8  |
| 6903 |    | 03       | 0018E    |   | DDVMXS | EQU   | \$   |
| 6904 | 03 | 0018E    | C1C3E3C9 | A |        | TEXT  | 'ACTIVE'                                     |
|      | 03 | 0018F    | F5C54040 | A |        |       |  |
| 6905 | 03 | 00190    | F2E4E2D7 | A |        | TEXT  | 'SUSPENDED'                                  |
|      | 03 | 00191    | 7DC5C440 | A |        |       |  |
| 6906 | 03 | 00192    | D3D6C3D2 | A |        | TEXT  | 'LOCKED'                                     |
|      | 03 | 00193    | C5C44040 | A |        |       |  |
| 6907 | 03 | 00194    | C9D5C1C3 | A |        | TEXT  | 'INACTIVE'                                   |
|      | 03 | 00195    | F3C9E5C5 | A |        |       |  |
| 6908 | 03 | 00196    | F5CC4C5  | A | DDVM   | TEXTC | !*DEV = XX YYYYYYYY FORMS= FFFF!             |
|      | 03 | 00197    | F5407E40 | A |        |       |  |
|      | 03 | 00198    | F7E74040 | A |        |       |  |
|      | 03 | 00199    | F8E8E8E8 | A |        |       |  |
|      | 03 | 0019A    | F8E8E8E8 | A |        |       |  |
|      | 03 | 0019B    | 40C6D6D9 | A |        |       |  |
|      | 03 | 0019C    | D4E27E40 | A |        |       |  |
|      | 03 | 0019D    | C6C6C6C6 | A |        |       |  |
| 6909 |    | 03       | 00198    |   | DDVM1  | EQU   | DDVM*2                                       |
| 6910 |    | 03       | 00199    |   | DDVM2  | EQU   | DDVM*3                                       |
| 6911 |    | 03       | 0019D    |   | DDVM3  | EQU   | DDVM*7                                       |
| 6912 |    | 00000013 |          |   | DDVMSZ | EQU   | 19   |

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6913 0000001F

DDVMSZF EQU DDVMSZ\*12

\*\*\*\*\*  
\*RBINF8 MESSAGES  
\*\*\*\*\*  
\*

6914  
6915  
6916  
6917  
6918 03 0019E 175CE3C9 A  
03 0019F D4C5407E A  
03 001A0 40C8C87A A  
03 001A1 D4D44040 A  
03 001A2 D4D461C4 A  
03 001A3 C461E8E8 A

ITMM TEXTC !\*TIME \* HH:MM MM/DD/YY!

6919 03 001A1  
6920 03 001A4 175CE4E2 A  
03 001A5 C5D9E240 A  
03 001A6 C9D540E2 A  
03 001A7 F8E2E3C5 A  
03 001A8 D4407E40 A  
03 001A9 F7E7E7E7 A

ITMM1 EQU ITMM\*3  
ICUM TEXTC !\*USERS IN SYSTEM \* XXXX!

6921 03 001A9  
6922 03 001AA 0B5CC5E3 A  
03 001AB D4C6407E A  
03 001AC D5D5D5D5 A

ICUM1 EQU ICUM\*5  
IETM TEXTC !\*ETMF \*NNNN!

6923 03 001AC  
6924 03 001AD 1B5CC2C1 A  
03 001AE F3C3C840 A  
03 001AF D1D6C2E2 A  
03 001B0 7A40D9E4 A  
03 001B1 D5D5C9D5 A  
03 001B2 C7407E40 A  
03 001B3 F7E7E7E7 A

IETM1 EQU IETM\*2  
IBRM TEXTC !\*BATCH JOBS: RUNNING \* XXXX!

6925 03 001B3  
6926 03 001B4 1B5C4040 A  
03 001B5 40404040 A  
03 001B6 40404040 A  
03 001B7 4040E6C1 A  
03 001B8 C9E3C9D5 A  
03 001B9 C7407E40 A

IBRM1 EQU IBRM\*6  
IBWM TEXTC !\* WAITING \* XXXX!

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|      |          |            |         |       |   |
|------|----------|------------|---------|-------|---|
| 6927 | 03 001BA | F7E7E7E7 A | IBWM1   | EQU   | IBWM*6                                  |
| 6928 | 03 001BA |            |         | BOUND | 8                                       |
| 6929 | 03 001BC | 16E7E7E7 A | FRMM    | TEXTC | !XXXXXXXX SETUP REQUIRED!               |
|      | 03 001BD | F7E7E7E7 A |         |       |   |
|      | 03 001BE | 40E2C5E3 A |         |       |   |
|      | 03 001BF | F4D740D9 A |         |       |   |
|      | 03 001C0 | C5D8E4C9 A |         |       |   |
|      | 03 001C1 | D9C5C440 A |         |       |   |
| 6930 | 03 001C2 | 155CE2C5 A | RFRMM   | TEXTC | ! *SETUP NEEDED DEV* XX!                |
|      | 03 001C3 | F3E4D740 A |         |       |   |
|      | 03 001C4 | D5C5C5C4 A |         |       |   |
|      | 03 001C5 | C5C440C4 A |         |       |   |
|      | 03 001C6 | C5E57E40 A |         |       |   |
|      | 03 001C7 | F7E74040 A |         |       |   |
| 6931 | 03 001C7 |            | RFRMM1  | EQU   | RFRMM*5                                 |
| 6932 | 03 001C8 | 1A406040 A | RRECM   | TEXTC | ! *XXXXXXXX - RECOVERING !              |
|      | 03 001C9 | F7E7E7E7 A |         |       |   |
|      | 03 001CA | F7E7E7E7 A |         |       |   |
|      | 03 001CB | 406040D9 A |         |       |   |
|      | 03 001CC | C5C3D6E5 A |         |       |   |
|      | 03 001CD | C5D9C9D5 A |         |       |   |
|      | 03 001CE | C75A5A40 A |         |       |   |
| 6933 | 03 001CF | D9C5D4D6 A | RMTBAN  | TEXT  | !REMOTE OUTPUT WSN *XXXXXXXX DEVICE=XX! |
|      | 03 001D0 | F3C540D6 A |         |       |   |
|      | 03 001D1 | F4E3D7E4 A |         |       |   |
|      | 03 001D2 | F340E6E2 A |         |       |   |
|      | 03 001D3 | D5407E40 A |         |       |   |
|      | 03 001D4 | F7E7E7E7 A |         |       |   |
|      | 03 001D5 | F7E7E7E7 A |         |       |   |
|      | 03 001D6 | 40C4C5E5 A |         |       |   |
|      | 03 001D7 | C9C3C57E A |         |       |   |
|      | 03 001D8 | F7E74040 A |         |       |   |
| 6934 | 03 001D8 |            | RMTBAN1 | EQU   | RMTBAN*9                                |
| 6935 | 03 001D4 |            | RMTBAN2 | EQU   | RMTBAN*5                                |
| 6936 | 03 0013D |            | ABNM1   | EQU   | ABNM*7                                  |
| 6937 |          |            |         | BOUND | 8                                       |

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6938  
6939  
6940  
6941

|    |       |          |   |
|----|-------|----------|---|
| 03 | 001DA | 7B40405C | A |
| 03 | 001DB | 5C5C5C5C | A |
| 03 | 001DC | F7E7E7E7 | A |
| 03 | 001DD | F7E7E7E7 | A |
| 03 | 001DE | 40D9C2C9 | A |
| 03 | 001DF | C4407E40 | A |
| 03 | 001E0 | F7E7E7E7 | A |
| 03 | 001E1 | 40606040 | A |
| 03 | 001E2 | F7E7E7E7 | A |
| 03 | 001E3 | F7E7E7E7 | A |
| 03 | 001E4 | 405C5C40 | A |
| 03 | 001E5 | 5CC3D760 | A |
| 03 | 001E6 | F540D9C5 | A |
| 03 | 001E7 | D4D6E3C5 | A |
| 03 | 001E8 | 40D7D9D6 | A |
| 03 | 001E9 | C3C5E2E2 | A |
| 03 | 001EA | C9D5C75C | A |
| 03 | 001EB | 40404040 | A |
| 03 | 001EC | 40404040 | A |
| 03 | 001ED | 40404040 | A |
| 03 | 001EE | 40404040 | A |
| 03 | 001EF | 40404040 | A |
| 03 | 001F0 | 40404040 | A |
| 03 | 001F1 | 40404040 | A |
| 03 | 001F2 | 40404040 | A |
| 03 | 001F3 | 40404040 | A |
| 03 | 001F4 | 40404040 | A |
| 03 | 001F5 | 40404040 | A |
| 03 | 001F6 | 40404040 | A |
| 03 | 001F7 | 40404040 | A |
| 03 | 001F8 | 40404040 | A |

HDR TEXTC , \*\*\*\*\*XXXXXXXX RBID = XXXX - , , ,  
'XXXXXXXX \*\* \*CP\_V REMOTE PROCESSING\* ' , ,

6942  
6943  
6944

03 001F9 5B5C5C5C A

0PMES TEXTC ,\*\*\*MSG\*\*\* , , ,  
!  
!

! , ,  
!

```

03 001FA 04E2C75C A
03 001FB 5C5C4040 A
03 001FC 40404040 A
03 001FD 40404040 A
03 001FE 40404040 A
03 001FF 40404040 A
03 00200 40404040 A
03 00201 40404040 A
03 00202 40404040 A
03 00203 40404040 A
03 00204 40404040 A
03 00205 40404040 A
03 00206 40404040 A
03 00207 40404040 A
03 00208 40404040 A
03 00209 40404040 A
03 0020A 40404040 A
03 0020B 40404040 A
03 0020C 40404040 A
03 0020D 40404040 A
03 0020E 40404040 A
03 0020F 40404040 A

```

```

6945      03 001FC
6946      0000000B
6947      03 001nC
6948      03 001F0
6949      03 001F2
6950      03 001F5
6951 03 00210 5F5CE2E8 A
6952 03 00211 F2C9C47E A
      03 00212 F7E7E7E7 A
      03 00213 405C5C40 A
6953 03 00214
6954      03 00212
6955      03 00214
6956      0000000F
6957

```

```

0PM1 EQU 0PMES+3
0PMSZ EQU 11
HDR1 EQU HDR+2
HDR2 EQU HDR+6
HDR3 EQU HDR+8
HDRM EQU HDR+11
RBJ0BM DATA X'5F5CE2E8'
      TEXT 'SID=XXXX ** '

RBJ0BM1 RES 20
RBJ0BM2 EQU RBJ0BM+2
RBJ0BM3 EQU RBJ0BM+4
RBJ0BMSZ EQU X'F'
BOUND 8

```

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6958 03 00228 335C5C5C A  
 03 00229 5C5C4040 A  
 03 0022A F7E7E7E7 A  
 03 0022B F7E7E7E7 A  
 03 0022C 40D3D6C7 A  
 03 0022D C7C5C440 A  
 03 0022E D6D5E3D6 A  
 03 0022F 40C4E2C3 A  
 03 00230 F7E7E7E7 A  
 03 00231 F7E7E7E7 A  
 03 00232 40C1E240 A  
 03 00233 D9C2C9C4 A  
 03 00234 F7E7E7E7 A

Y0UR0N TEXTC

!\*\*\*\*\* XXXXXXXX LOGGED ENT0 DSCXXXXXXXX AS R0IDXXXX!

6959 03 00230  
 6960 03 00234  
 6961 03 0023A  
 6962 03 00235 18406040 A  
 03 00236 F7E7E7E7 A  
 03 00237 F7E7E7E7 A  
 03 00238 406040D3 A  
 03 00239 D6C7C7C5 A  
 03 0023A C440D6C6 A  
 03 0023B C6404040 A

Y0UR0N1 EQU  
 Y0UR0N2 EQU  
 Y0UR0N3 EQU  
 DISCM TEXTC

Y0UR0N+8  
 Y0UR0N+12  
 Y0UR0N+2  
 ! \* XXXXXXXX - LOGGED OFF!

6963 03 00236  
 6964 03 0023C  
 6965 03 0023C 225C407B A  
 03 0023D F7E740D9 A  
 03 0023E C5D8E4C5 A  
 03 0023F F2E3C5C4 A  
 03 00240 40C5E7C3 A  
 03 00241 C5C5C4E2 A  
 03 00242 40E2E8E2 A  
 03 00243 F3C5D440 A  
 03 00244 D4C1E740 A

DISCM1 EQU  
 TXRLE EQU  
 TEXTC

DISCM+1  
 \*  
 ! \* #XX REQUESTED EXCEEDS SYSTEM MAX!

6966 03 00245 1E5C4040 A  
 03 00246 F7E7E7E7 A  
 03 00247 40D9C5D7 A

TXNRSN TEXTC

! \* XXXX REPEATED SERIAL NUMBER!

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|    |       |          |   |
|----|-------|----------|---|
| 03 | 00248 | P5C1E3C5 | A |
| 03 | 00249 | P440E2C5 | A |
| 03 | 0024A | D9C9C1D3 | A |
| 03 | 0024B | 40D5E4D4 | A |
| 03 | 0024C | P2C5D940 | A |

|      |    |       |            |
|------|----|-------|------------|
| 6967 |    |       |            |
| 6968 | 03 | 0024E | 40404040 A |
|      | 03 | 0024F | 40404040 A |
|      | 03 | 00250 | 40404040 A |
|      | 03 | 00251 | 40404040 A |

|     |       |   |
|-----|-------|---|
| FLD | BOUND | 8 |
|     | TEXT  | 1 |

|      |    |          |
|------|----|----------|
| 6969 |    |          |
| 6970 |    |          |
| 6971 |    | 00000148 |
| 6972 | 03 | 00252    |
| 6973 |    | 00000000 |
| 6974 |    | 00000001 |
| 6975 |    | 00000002 |
| 6976 |    | 00000004 |
| 6977 |    | 00000005 |
| 6978 |    | 00000006 |
| 6979 |    | 00000008 |
| 6980 |    | 00000009 |
| 6981 |    | 0000000A |
| 6982 |    | 0000000B |
| 6983 |    | 0000000C |
| 6984 |    | 00000014 |
| 6985 |    | 00000018 |
| 6986 |    | 00000020 |
| 6987 |    | 00000028 |
| 6988 |    | 00000030 |
| 6989 |    | 00000034 |
| 6990 |    | 00000038 |
| 6991 |    | 0000003C |
| 6992 |    | 00000040 |
| 6993 |    | 00000042 |
| 6994 |    | 00000043 |
| 6995 |    |          |

```
*****
RECSZ    EQU    360
REC       RES    RECSZ/4
RID       EQU    0
FLG       EQU    1
KEY       EQU    2
MXPRI     EQU    4
BUFX      EQU    5
SGEN      EQU    6
RMT#      EQU    8
OCIN      EQU    9
#STRM     EQU    10
SMD       EQU    11
NMTBL     EQU    12
RCBTBL    EQU    20
F1TBL     EQU    24
F2TBL     EQU    32
SUSTBL    EQU    40
MXTBL     EQU    48
MNTBL     EQU    52
PRIVTBL   EQU    56
DPDTBL    EQU    60
GJOB      EQU    64
RTY       EQU    66
LGN       EQU    67
*****
```

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6996 03 002AC

6997 03 002AC

6998

6999

7000

7001

7002 00000005

7003 00000002

7004

7005

03 002CB 295CE2E8 A

03 002CC F2C9C47E A

03 002CD F7E7E7E7 A

03 002CE 40D9E4D5 A

03 002CF D5C9D5C7 A

03 002D0 406040D6 A

03 002D1 F4E3D7E4 A

03 002D2 E340E6C9 A

03 002D3 D3D340C2 A

03 002D4 C540C8C5 A

03 002D5 D3C44040 A

7006

03 002D6 135CE2E8 A

03 002D7 F2C9C47E A

03 002D8 F7E7E7E7 A

03 002D9 40D9E4D5 A

03 002DA D5C9D5C7 A

7007

03 002DB 305CE2E8 A

03 002DC F2C9C47E A

03 002DD F7E7E7E7 A

03 002DE 40C4C5E5 A

03 002DF 7E40E7E7 A

03 002E0 407BC7D9 A

03 002E1 C1D5407E A

03 002E2 F7E7E7E7 A

03 002E3 40C3D6D7 A

03 002E4 C9C5E27E A

03 002E5 F7E7E7E7 A

03 002E6 40C8C5D3 A

ID EQU \$  
RES 31

\*\*\*\*\*  
\*\*\*\*\*

\* STATUS MESSAGES \*

\*\*\*\*\*

NTR EQU 5

SYSD EQU 2

SMRINH TEXTC !\*SYSID\*XXXX RUNNING - OUTPUT WILL !, !  
! BE HELD!

SMRIN TEXTC !\*SYSID\*XXXX RUNNING!

SMWPR TEXTC !\*SYSID\*XXXX DEV# XX #GRAN #XXXX COPIES#XXXX HELD!



7008 03 002E7 C4404040 A  
 7009 00000007  
 7010 0000000A  
 7011 0000000D  
 7012 00000009  
 7013 03 002E8 3C5CE2E8 A

SGRNX EQU 7  
 SCPX EQU 10  
 FRMX EQU 13  
 SDVX EQU 9  
 SMHPU TEXTC

'\*SYSID=XXXX DEV= XX #GRAN =XXXX COPIES=XXXX',  
 'FORMS= XXXX HELD'

03 002E9 F2C9C47E A  
 03 002EA F7E7E7E7 A  
 03 002EB 40C4C5E5 A  
 03 002EC 7E40E7E7 A  
 03 002ED 407BC7D9 A  
 03 002EE C1D5407E A  
 03 002EF F7E7E7E7 A  
 03 002F0 40C3D6D7 A  
 03 002F1 C9C5E27E A  
 03 002F2 F7E7E7E7 A  
 03 002F3 40C6D6D9 A  
 03 002F4 D4E27E40 A  
 03 002F5 F7E7E7E7 A  
 03 002F6 40C8C5D3 A  
 03 002F7 C4404040 A

7014 03 002F8 345CE2E8 A  
 7015 03 002F9 F2C9C47E A  
 03 002FA F7E7E7E7 A  
 03 002FB 40E6C1C9 A  
 03 002FC F3C9D5C7 A  
 03 002FD F7E7E7E7 A  
 03 002FE 40E3D640 A  
 03 002FF D9E4D540 A  
 03 00300 6040D6E4 A  
 03 00301 F3D7E4E3 A  
 03 00302 40E6C9D3 A  
 03 00303 D340C2C5 A  
 03 00304 40C8C5D3 A  
 03 00305 C4404040 A

SMHIN TEXTC

'\*SYSID=XXXX WAITINGXXXX TO RUN . 1,1  
 !OUTPUT WILL BE HELD'

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301

7016 03 00306 335C E2E8 A  
 03 00307 F2C9C47E A  
 03 00308 F7E7E7E7 A  
 03 00309 40C4C5E5 A  
 03 0030A 7E40E7E7 A  
 03 0030B 407BC7D9 A  
 03 0030C C1D5407E A  
 03 0030D F7E7E7E7 A  
 03 0030E 40C3D6D7 A  
 03 0030F C9C5E27E A  
 03 00310 F7E7E7E7 A  
 03 00311 40E6C1C9 A  
 03 00312 F3C9D5C7 A

SMPR TEXTC

!\*SYSID=XXXX DEV= XX #GRAN =XXXX COPIES=XXXX WAITING!

7017 03 00313 3F5C E2E8 A  
 7018 03 00314 F2C9C47E A  
 03 00315 F7E7E7E7 A  
 03 00316 40C4C5E5 A  
 03 00317 7E40E7E7 A  
 03 00318 407BC7D9 A  
 03 00319 C1D5407E A  
 03 0031A F7E7E7E7 A  
 03 0031B 40C3D6D7 A  
 03 0031C C9C5E27E A  
 03 0031D F7E7E7E7 A  
 03 0031E 40C6D6D9 A  
 03 0031F D4E27E40 A  
 03 00320 F7E7E7E7 A  
 03 00321 40E6C1C9 A

SMPU TEXTC

!\*SYSID=XXXX DEV= XX #GRAN =XXXX COPIES=XXXX!,  
! FORMS= XXXX WAITING!

7019 03 00322 F3C9D5C7 A  
 03 00323 1E8CE2E8 A  
 03 00324 F2C9C47E A  
 03 00325 F7E7E7E7 A  
 03 00326 40E6C1C9 A  
 03 00327 F3C9D5C7 A  
 03 00328 F7E7E7E7 A  
 03 00329 40E3D640 A

SMPN TEXTC

!\*SYSID=XXXX WAITINGXXXX TO RUN!

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7020 03 0032A D9E4D540 A  
 03 0032B D7C1D9E3 A  
 03 0032C C9C1D340 A  
 03 0032D C6C9D3C5 A  
 03 0032E 40E2E8E2 A  
 03 0032F C9C4407E A  
 03 00330 F7E7E7E7 A  
 03 00331 40C8C87A A  
 03 00332 D4D44040 A  
 03 00333 D4D461C4 A  
 03 00334 C461E8E8 A

PBNM TEXT 'PARTIAL FILE SYSID =XXXX HH:MM MM/DD/YY'

7021 03 00330

PBNM1 EQU PBNM+5

7022 03 00332

PBNM2 EQU PBNM+7

7023 03 00335 2E5CE2E8 A

COM8DMSG TEXTC '!SYSID=XXXX IN CONCURRENT OUTPUT MODE ON YYNDD'

03 00336 F2C9C47E A

03 00337 F7E7E7E7 A

03 00338 40C9D540 A

03 00339 C3D6D5C3 A

03 0033A F4D9D9C5 A

03 0033B D5E340D6 A

03 0033C F4E3D7E4 A

03 0033D F340D4D6 A

03 0033E C4C540D6 A

03 0033F D540E8E8 A

03 00340 D5C4C440 A

7024 03 00337

COM8DM1 EQU COM8DMSG+2

7025 03 0033F

COM8DM2 EQU COM8DMSG+10

7026 03 00340

COM8DM3 EQU COM8DMSG+11

7027 03 00341 C440C940 A

DISP TEXT 'DISPLA Y HH:MM MM/DD/YY'

03 00342 F240D740 A

03 00343 D340C140 A

03 00344 F8404040 A

03 00345 40C8C87A A

03 00346 D4D44040 A

03 00347 D4D461C4 A

03 00348 C461E8E8 A

7028 03 00345

DISPB1 EQU DISP+4

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7029 03 00346  
7030 03 00347  
7031  
7032

DISPB2 EQU  
DISPB3 EQU  
DISMESR TEXTC

DISP\*5  
DISP\*6  
!\*PRI0 SYSID RBID H DEVICE FORMS #GRANS COPIES ' , ,  
! COMID FOVL JDE! #CPV\* = EXTENDED DISPLAY

03 00349 3D5CD7D9 A  
03 0034A C9D640E2 A  
03 0034B F8E2C9C4 A  
03 0034C 40D9C2C9 A  
03 0034D C440C840 A  
03 0034E C4C5E5C9 A  
03 0034F C3C540C6 A  
03 00350 D6D9D4E2 A  
03 00351 407BC7D9 A  
03 00352 C1D5E240 A  
03 00353 C3D6D7C9 A  
03 00354 C5E24040 A  
03 00355 C3D6D4C9 A  
03 00356 C440C6D6 A  
03 00357 F5D340D1 A  
03 00358 C4C54040 A

1\* 0000034  
7034 03 00359 1B5CD7D9 A  
03 0035A C9D640E2 A  
03 0035B F8E2C9C4 A  
03 0035C 40D6D9C9 A  
03 0035D C740C840 A  
03 0035E D640C140 A  
03 0035F F3C9D4C5 A

NO0MSZ EQU  
DISMESIR TEXTC

X134!  
!\*PRI0 SYSID ORIG H 0 A TIME!

7035 03 00360  
7036 03 00376 1B5CD7D9 A  
03 00377 C9D640E2 A  
03 00378 F8E2C9C4 A  
03 00379 40D6D9C9 A  
03 0037A C740C840 A  
03 0037B D640C140 A  
03 0037C F3C9D4C5 A

RES  
DISMESIN TEXTC

22  
!\*PRI0 SYSID ORIG H 0 A TIME!

7037 03 0037D  
7038

RES  
DOM TEXTC

11  
! !

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|      |    |       |          |   |
|------|----|-------|----------|---|
| 7039 |    |       |          |   |
| 7040 | 03 | 00388 | 2B404040 | A |
|      | 03 | 00389 | 40404040 | A |
|      | 03 | 0038A | 40404040 | A |
|      | 03 | 0038B | 40404040 | A |
|      | 03 | 0038C | 40404040 | A |
|      | 03 | 0038D | 40404040 | A |
|      | 03 | 0038E | 40404040 | A |
|      | 03 | 0038F | 40404040 | A |
|      | 03 | 00390 | 40404040 | A |
|      | 03 | 00391 | 40404040 | A |
|      | 03 | 00392 | 40404040 | A |
|      | 03 | 00393 | 40404040 | A |
|      | 03 | 00394 | 40404040 | A |
|      | 03 | 00395 | 40404040 | A |
|      | 03 | 00396 | 40404040 | A |

CPV+ == DISPLAY

|      |    |       |          |   |
|------|----|-------|----------|---|
| 7041 |    |       |          |   |
| 7042 |    |       |          |   |
| 7043 |    |       |          |   |
| 7044 | 03 | 00397 | 78404040 | A |
|      | 03 | 00398 | 40404040 | A |
|      | 03 | 00399 | 40404040 | A |
|      | 03 | 0039A | 40404040 | A |
|      | 03 | 0039B | 40404040 | A |
|      | 03 | 0039C | 40404040 | A |
|      | 03 | 0039D | 40404040 | A |
|      | 03 | 0039E | 40404040 | A |
|      | 03 | 0039F | 40404040 | A |
|      | 03 | 003A0 | 40404040 | A |
|      | 03 | 003A1 | 40404040 | A |
|      | 03 | 003A2 | 40404040 | A |
|      | 03 | 003A3 | 40404040 | A |
|      | 03 | 003A4 | 40404040 | A |
|      | 03 | 003A5 | 40404040 | A |
|      | 03 | 003A6 | 40404040 | A |
|      | 03 | 003A7 | 40404040 | A |
|      | 03 | 003A8 | 40404040 | A |

DIM TEXTC

! !  
! !  
! !  
!

|      |    |       |          |   |        |       |    |  |
|------|----|-------|----------|---|--------|-------|----|--|
|      | 03 | 003A9 | 40404040 | A |        |       |    |  |
|      | 03 | 003AA | 40404040 | A |        |       |    |  |
|      | 03 | 003AB | 40404040 | A |        |       |    |  |
|      | 03 | 003AC | 40404040 | A |        |       |    |  |
|      | 03 | 003AD | 40404040 | A |        |       |    |  |
|      | 03 | 003AE | 40404040 | A |        |       |    |  |
|      | 03 | 003AF | 40404040 | A |        |       |    |  |
|      | 03 | 003B0 | 40404040 | A |        |       |    |  |
|      | 03 | 003B1 | 40404040 | A |        |       |    |  |
|      | 03 | 003B2 | 40404040 | A |        |       |    |  |
|      | 03 | 003B3 | 40404040 | A |        |       |    |  |
|      | 03 | 003B4 | 40404040 | A |        |       |    |  |
| 7045 | 03 | 003B5 | 40404040 | A |        |       |    |  |
|      | 03 | 003B6 | 085CE2C8 | A | SERDS  | TEXTC | 1  | *SHARED:1  |
|      | 03 | 003B7 | F1D9C5C4 | A |        |       |    |  |
|      | 03 | 003B8 | 7A404040 | A |        |       |    |  |
| 7046 | 03 | 003B9 |          | A |        |       |    |  |
| 7047 | 03 | 003CB | 085CC5E7 | A | SERDX  | RFS   | 18 |  |
|      | 03 | 003CC | C3D3E4E2 | A |        | TEXTC | 1  | *EXCLUSIVE:1                                       |
|      | 03 | 003CD | C9E5C57A | A |        |       |    |  |
| 7048 | 03 | 003CE |          | A |        |       |    |  |
| 7049 | 03 | 003E0 | 335CE2E8 | A | SYMDM  | RFS   | 18 |  |
|      | 03 | 003E1 | F8D5C4C4 | A |        | TEXTC | 1  | *SYNDD FORMS= XXXX COMID= XXXX F0VLY= XXXX JDE= XX |
|      | 03 | 003E2 | 40C6D6D9 | A |        |       |    |  |
|      | 03 | 003E3 | D4E27E40 | A |        |       |    |  |
|      | 03 | 003E4 | F7E7E7E7 | A |        |       |    |  |
|      | 03 | 003E5 | 40C3D6D4 | A |        |       |    |  |
|      | 03 | 003E6 | C9C47E40 | A |        |       |    |  |
|      | 03 | 003E7 | F7E7E7E7 | A |        |       |    |  |
|      | 03 | 003E8 | 40C6D6E5 | A |        |       |    |  |
|      | 03 | 003E9 | D3E87E40 | A |        |       |    |  |
|      | 03 | 003EA | F7E7E7E7 | A |        |       |    |  |
|      | 03 | 003EB | 40D1C4C5 | A |        |       |    |  |
|      | 03 | 003EC | 7E40E7E7 | A |        |       |    |  |
| 7050 | 03 | 003F4 |          |   | SYMDM1 | EQU   |    | SYMDM+4  |
| 7051 | 03 | 003F7 |          |   | SYMDM2 | EQU   |    | SYMDM+7  |
| 7052 | 03 | 003FA |          |   | SYMDM3 | EQU   |    | SYMDM+10   |

#CPV+ == EXTENDED DISPLAY

HO1 15140 SEP 08, 175  
 7053 03 003FC  
 7054 0000001F  
 7055 00000002  
 7056 00000003  
 7057 00000004  
 7058 00000005  
 7059 00000005  
 7060 00000006  
 7061 00000007  
 7062 00000007  
 7063 00000008  
 7064 00000009  
 7065 0000000A  
 7066 0000000C  
 7067 0000000D  
 7068 0000000E  
 7069 00000003  
 7070 00000015  
 7071  
 7072 02 00000

SYMDM4 EQU SYMDM+12  
 SM DMNZ EQU 31  
 SYSDX EQU 2  
 RIDX EQU 3  
 HLDX EQU 4  
 DEVX EQU 5  
 BAX EQU 5  
 TIMX EQU 6  
 RESINX EQU 7  
 DFMX EQU 7  
 GRNX EQU 8  
 GRNX1 EQU 9  
 COPX EQU 10  
 COMIDX EQU 12  
 FOVLX EQU 13  
 JDEX EQU 14  
 SERX EQU 3  
 EOSER EQU 21

#CPV+ == EXTENDED DISPLAY  
 #CpV+ == EXTENDED DISPLAY

#CPV+ == EXTENDED DISPLAY  
 #CPV+ == EXTENDED DISPLAY

\*\*\*\*\*  
 END INITRBG

CONTROL SECTION SUMMARY: 01 00000 PT 0 02 015F2 PT 1 03 003ED PT 0

A#L1/02 00088  
ABORTM/02 0133F  
ACCPM/02 0133R  
ACTBIT/00000200  
ADDIT2/02 003AF  
ADDIT4/02 00395  
AIFJE/02 00091  
AIFNC1/02 000D2  
AIF2/02 000AD  
ALL/02 00838  
ALL1/02 00837  
ABF/02 00338  
ABFNPG/02 002EA  
ABFP3/02 00331  
ABFSET/02 002BF  
ABF1/02 00342  
ABF5/02 0035E  
ARSO/03 0004F  
BADOP/02 00579  
BADRID3/02 00B45  
BADSID2/02 007F8  
BADSYN/02 00CEA  
BANNER/02 00C46  
BDDEV/02 012E7  
BDSWM/02 012F6  
BKSWM/02 0124C  
BRSTFCN/00000086  
BSZFLD/02 01302  
BUFSZ/0000006E  
BUF2/000000B7  
CBB/00000006  
CEP/0000000D  
CHKCNT/02 00597  
CHKSTAT/02 0050C  
CHNG2/02 001DF  
CKSERX/02 00CEA

ABNM/03 00136  
ABRS#/02 009D1  
ACCTBIT/EXT  
ADDIT/02 00389  
ADDIT2H/02 00385  
ADDJOB/02 001EE  
AIFNC/02 000BC  
AIFOUT/02 009C0  
ALDCBIT/02 01494  
ALLOUT/02 00846  
ALL2/02 00839  
ABFADD/02 00372  
ABFP/02 00314  
ABFRR/02 00367  
ABFSWS/02 002DA  
ABF2/02 00344  
ARFCN/00000002  
ASTER/02 01356  
BADPRI/02 0138C  
BADSID/02 007E6  
BADSID3/02 007E9  
BADVAL/02 0058F  
BASESW/02 0113E  
BDFLD/02 012D6  
BKFM/02 013A0  
BKSW1M/02 01253  
BRSTPTR/02 011EA  
BUF/00000087  
BUFSZSW/000000FF  
BUF3/00000125  
CCMVD/03 00053  
CFC/00000015  
CHKHLD/02 004DA  
CHNG/02 001D9  
CHNG3/02 001DD  
CKSR2/02 00CF7

ABNM1/03 0013D  
ABS#1/02 009D7  
ACCTPRT/02 014A6  
ADDIT1/02 003B0  
ADDIT3/02 003A7  
ADDX/03 0004B  
AIFNCRB/02 000FD  
AIFX/02 00099  
ALBIT/EXT  
ALLRET/02 008B1  
ANLZACCT/02 00F59  
ABFL/02 0033C  
ABFP1/02 0031F  
ABFRR1/02 0036F  
ABFS2/02 00304  
ABF3/02 00347  
ARS/03 0004D  
AUTO\*LBG/02 00083  
BADRID2/02 00B3F  
BADSIDP/02 004FA  
BADSID4/02 007EC  
BADXIT/02 00983  
BCP/03 00050  
BDJM/02 0130F  
BKSBIT/00000200  
BEMSK/000000A0  
BRSTWH/02 0121F  
BUFBA/00000086  
BUFX/00000005  
BUF4/00000193  
CCTMP/03 000EE  
CHAINHD/03 000F3  
CHKREL/02 004E4  
CHNGRSET/02 00555  
CKG8/02 0083F  
CLEARMF/02 00DA6

ABORT/03 0004A  
ACCNT/02 00C91  
ACCTPTR/02 011EF  
ADDIT1H/02 003B8  
ADDIT3H/02 00382  
AIF/02 00096  
AIFNCRB1/02 0010E  
AIF1/02 000A6  
ALGBIT/00004000  
ALLX/03 0004C  
ANLZ43/02 010B9  
ABFNB/02 00341  
ABFP2/02 00328  
ABFRR2/02 00371  
ABFS3/02 0030E  
ABF4/02 00357  
ARSE/03 0004E  
BADCRD/02 00404  
BADRID2A/02 00B42  
BADSID1/02 007EF  
BADSW/02 006AC  
BANGRB/02 011F7  
BCSTPTR/02 011EC  
BDRESM/02 01315  
BKSW/02 00F4F  
BPBIT/EXT  
BRSTW2/02 0121E  
BUFOUT/0000002C  
BUF1/00000049  
CANTSTSP/02 013B7  
CEB/0000000E  
CHKALL/02 007DD  
CHKRS/02 00C74  
CHNG1/02 001E5  
CKJB/02 000B6  
CLKBIT/00000400



CLSSYM/02 00DDA  
 CMDVCHK/02 00BB4  
 COME/0000000C  
 COMMSK/000000Cn  
 COMBDM3/03 00340  
 COMSELECT/02 01127  
 COPX/0000000A  
 CRCH/02 00B23  
 CTRBIT/0000010n  
 CVT/03 00055  
 CVTYPL/02 006An  
 DDVM/03 00196  
 DDVM1/03 00198  
 DEL/02 00540  
 DEL3/02 00547  
 DFMX/00000007  
 DISCBIT/000040n0  
 DISMESIR/03 00359  
 DISPB2/03 00346  
 DMPABN/02 001Cn  
 DMPRSDS/02 001c7  
 DBRES/02 00971  
 DSKFCN/02 0122B  
 DUMRES/02 00C7F  
 EDISM/02 0126D  
 ENDCHK/02 00CD6  
 EBSE/00000015  
 FIASET/02 006CF  
 FIA3/02 006EE  
 FINWRT/02 0070F  
 FLKBIT/0000002n  
 FEPRI/00000020  
 FBUND/02 00CB0  
 FB4/02 006FC  
 FRBIT/00000001  
 FRMM/03 0018C  
 FRSTPG/03 0005n

CLSXX/02 0141C  
 CBLMSK/000000E0  
 COMEDIT/02 0097E  
 COMBDM3/03 00335  
 COMRET/02 008A9  
 CNT/03 00052  
 CP/02 00C64  
 CRCH1/02 00B2C  
 CTR3/02 0006D  
 CVTEX/02 007D3  
 CWB/00000008  
 DDVMSZ/00000013  
 DDVM2/03 00199  
 DELBIT/EXT  
 DEL5/02 00551  
 DH1/02 008E4  
 DISCM/03 00235  
 DISMES0/03 00349  
 DISPB3/03 00347  
 DMPER/02 001D1  
 DBJBB/02 00C18  
 DBSSS/02 006C8  
 DSR0/02 010FF  
 DUPBIT/00008000  
 EDIT/02 0097F  
 ENDC1/02 00C8C  
 FFLG/03 00056  
 FIASET1/02 006D3  
 FINBIT/00000004  
 FLD/03 0024E  
 FLUSHX/02 011DB  
 FORCE/02 00771  
 FBVLX/0000000D  
 FB5/02 006FF  
 FRECK/02 00F3F  
 FRMMX/02 0121B  
 FSI02/02 00825

CLSXX0/02 01463  
 COM/03 00051  
 COMIDBK/02 00219  
 COMBDM1/03 00337  
 COMRET1/02 008A8  
 CNTCK/0000001F  
 CPB/00000005  
 CRCTBL/02 014F2  
 CTR6/02 00035  
 CVTSD/02 007CF  
 DBRPTR/02 011F1  
 DDVMSZF/0000001F  
 DDVM3/03 0019D  
 DEL1/02 00543  
 DEVX/00000005  
 DIALBIT/EXT  
 DISCM1/03 00236  
 DISP/03 00341  
 DISPSE/02 010EF  
 DMPRSD/02 001C4  
 DBM/03 00388  
 DBSTAT/02 00506  
 DUMES/02 01242  
 EB4P1/02 0047A  
 EM/02 00C6E  
 E0C/00000008  
 FIABIT/00000020  
 FIA1/02 006D6  
 FINDSID/02 00818  
 FLG/00000001  
 FMSBIT/00000040  
 FORMS/02 00F91  
 FB0/02 006BA  
 FB6/02 00706  
 FREPG/02 011E3  
 FRMM/03 00059  
 FSI03/02 00829

CMAB/02 01220  
 CBMA/00000004  
 CBMIDX/0000000C  
 CBMBDM2/03 0033F  
 CBMRET2/02 008AC  
 CBNTBL/02 00037  
 CRB/00000007  
 CRDPTR/02 011F6  
 CURSID/03 00054  
 CVTYP/02 00694  
 DCBIT/EXT  
 DDVMSX/03 0018E  
 DECZ/02 002BD  
 DEL2/02 00545  
 DFLTPRI/02 0097A  
 DIM/03 00397  
 DISMESIN/03 00376  
 DISPB1/03 00345  
 DLE/00000010  
 DMPRSDC/02 001C9  
 DBBP/02 0057D  
 DPDTBL/0000003C  
 DUMRCK/02 00C8B  
 EDISBIT/00040000  
 EMBIT/00000002  
 EBCMSK/00000080  
 FIA0M/00000011  
 FIA2/02 006E8  
 FINBIT/02 00707  
 FLINK/03 0005B  
 FBW1/02 006B2  
 FORM1/02 00F99  
 FB2/02 006F0  
 FB7/02 0070E  
 FRMCK/03 00058  
 FRMX/0000000D  
 FSI04/02 0082E

FSID6/02 0082F  
 F0B2/02 01219  
 F2TBL/00000020  
 GEBC/02 005A3  
 GETSER/02 00CB9  
 GIFNC/02 00165  
 GINCD1/02 00185  
 GINCSP12/02 0019E  
 GINC1/02 00168  
 GFFG8/02 00258  
 GFFRFM/02 002AR  
 GFF4/02 00202  
 GRBPG/02 00A83  
 GRNX1/00000009  
 GTDVNM/02 0060n  
 GTPG/02 011E2  
 G3/02 00D06  
 H#L2/0000003F  
 H#STRY/02 00AF5  
 H#S4/02 00AE5  
 HBB/00000002  
 HDR1/03 001DC  
 HLDX/00000004  
 H#LDBIT/EXT  
 HSCP2/02 007C5  
 HUMES/02 01263  
 HU3/02 00DFA  
 IBRM/03 001AD  
 ICUM/03 001A4  
 IDPTR/02 011F0  
 IGBIT/EXT  
 ILID/02 00B31  
 INAM1/03 0014D  
 INC11B/02 0060F  
 IBFCN/00000006  
 JBAB1/02 009B9  
 JEFND/02 00F72

FSID7/02 00835  
 F1/02 00D18  
 GDA/02 0009C  
 GEBCR/02 00433  
 GFCSTRT/02 0004E  
 GINCC/02 00178  
 GINCG1/02 001B2  
 GINCSP0/02 0018C  
 GJ08/00000040  
 GFFGBT/02 00220  
 GFF1/02 00285  
 GFF5/02 00292  
 GRBPGR/02 00A80  
 GRPG1/02 00ABC  
 GTDVNM1/02 00601  
 GTT1/02 00DD0  
 G4/02 00D0A  
 H#L3/00000040  
 H#STRY1/02 00ACE  
 H#SSSBT/02 01495  
 HCHK/02 00661  
 HDR2/03 001E0  
 HLD1/02 004D7  
 HPB/00000001  
 HSPCMP/02 007A9  
 HU1/02 00DB9  
 HU4/02 00E09  
 IBRM1/03 001B3  
 ICUM1/03 001A9  
 IDUBTS/02 01497  
 IGMES/02 01367  
 ILIDM/02 0128B  
 INAM2/03 00150  
 INITRBG/02 00000  
 IRS/0000001E  
 JBMS/02 013F2  
 JESTAT/02 00F65

FVP/02 011E7  
 F1B2/02 01218  
 GDEL/02 0029C  
 GEBCX/02 0043F  
 GFXP/03 00149  
 GINCD/02 00FA7  
 GINCG8/02 00177  
 GINCSP1/02 001A0  
 GGF/02 001F1  
 GFFGBTIT/02 0022A  
 GGF2/02 0026B  
 GGF6/02 00290  
 GRNLMS/02 01233  
 GS1/02 00CBA  
 GTDVX/02 0089E  
 G1/02 00D00  
 H#LCL/00000030  
 H#L4/00000072  
 H#STRY2/02 00AF4  
 HALBIT/00000800  
 HDR/03 001DA  
 HDR3/03 001E2  
 HNDL/02 011FE  
 HRB/00000003  
 HU#5/02 00E19  
 HU2/02 00DC2  
 HWB/00000004  
 IBWM/03 001B4  
 ID/03 002AC  
 IETM/03 001AA  
 IGTAPS/02 011E5  
 ILJ0BM/02 0130F  
 INAM3/03 00152  
 INPPT/02 013FB  
 ITMM/03 0019E  
 JDEX/0000000E  
 JES1/02 00F6E

FXSYM/02 00DD8  
 F1TBL/00000018  
 GDNN0/02 00605  
 GETFLD/02 00848  
 GGRAN/02 00D91  
 GINCD0/02 0017D  
 GINCSP11/02 00198  
 GINCWMF/02 00D83  
 G0FF/02 0021B  
 GFFGSW/02 00253  
 G0F3/02 00273  
 G0TAIL/02 00DC8  
 GRNX/00000008  
 GTDBT/02 0073A  
 GTDVXX/02 008A1  
 G2/02 00D05  
 H#L1/0000003C  
 H#STCXT/02 00AB5  
 H#S3/02 00A20  
 HASPBIT/02 01490  
 HDRM/03 001E5  
 HLD/02 004D6  
 H#DLBT/EXT  
 HSCP1/02 007B4  
 HUBIT/EXT  
 HU25/02 00DE4  
 IBMBIT/EXT  
 IBWM1/03 001BA  
 IDCPTR/02 011EE  
 IETM1/03 001AC  
 IJTYPE/03 00061  
 INAM/03 0014B  
 INBIT/00000001  
 INPTM/02 0134B  
 ITMM1/03 001A1  
 JEDEL/02 00F51  
 JEX/02 00F5D

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JEX1/02 00F5C  
 JBBMP/02 01347  
 KBH1/02 00E25  
 KCOMERR/02 00EA7  
 KDALB1/02 00FF6  
 KDAL1/02 01001  
 KDAL35/02 0100C  
 KDBI2/02 010CD  
 KDBI45/02 01096  
 KDISP/02 00FA9  
 KDNR1/02 00FC3  
 KDR/02 00FC0  
 KDST1/02 00013  
 KDSYM2/02 01129  
 KFFRM/02 00E8A  
 KF1/02 00ECF  
 KF4/02 00EBA  
 KNF2/02 00F47  
 KOSTOP/02 011C5  
 KSEND/02 00E4E  
 KSWG0/02 00F05  
 KSWR1/02 00F27  
 L\$HSP/00000052  
 LASTCHNK/EXT  
 LGNMSK/02 0122F  
 L\$CBIT/00000010  
 LRRD/02 00B10  
 LRR3/02 009FD  
 LTYFCN/02 01229  
 MFBIT/EXT  
 MFPRI/00000021  
 MNTBL/00000034  
 M\$VECC/02 0079F  
 M\$VE2/02 00793  
 MSBSE/02 012D6  
 MSG1/02 005AC  
 MSVEC/02 01402

JBBABRT/02 009B5  
 JBBMT/02 01343  
 KBH2/02 00E38  
 KCOMMM/02 00E75  
 KDALBUT/02 010D5  
 KDAL2/02 01010  
 KDBI/02 0109A  
 KDBI3/02 0105F  
 KDBI5/02 01042  
 KDISP/02 00F9F  
 KDSDG/02 0106C  
 KDSEYM/02 0000D  
 KDSY/02 00FB1  
 KDSYM3/02 01125  
 KFLUSH/02 011CD  
 KF2/02 00ED3  
 KMES/02 00E3F  
 KNF2A/02 00FC1  
 KPRI0/02 00E96  
 KSW#/03 00078  
 KSWG01/02 00F07  
 KSWR2/02 00F1C  
 L\$H2/00000064  
 LCLCTR1/02 00F7C  
 LIMIT1/02 0120E  
 L\$CK/02 00476  
 LRR1/02 00AFC  
 LRR4/02 009FC  
 MAFCN/02 01230  
 MFCK1/02 00764  
 MKER1/02 00805  
 MNT1/02 00C98  
 M\$VE1/02 0075E  
 M\$VE3/02 00796  
 MSFLG/03 000C8  
 MSG11/02 005B8  
 MVCC1/02 007A6

JBBCBM/00000017  
 KBCST/02 00E1D  
 KCOM/02 00E5E  
 KCOMX/02 00E6D  
 KDALBU1/02 010DD  
 KDAL25/02 01021  
 KDBI01/02 010A9  
 KDBI35/02 0105D  
 KDBLDMES/02 01036  
 KDM01/02 00FD7  
 KDBPMES/02 00FC7  
 KDSPDN/02 01023  
 KDSYMB/02 01104  
 KEY/00000002  
 KFND/02 00EB0  
 KF3/02 00EBF  
 KNF/02 00F44  
 KNF3/02 00F48  
 KSBR/02 00F4D  
 KSWDN/02 00F38  
 KSWIT/02 00ED5  
 KSW1/02 00F35  
 L\$H3/00000068  
 LGN/00000043  
 LIMIT2/02 0120F  
 L\$FBIT/00002000  
 LRR10/02 00AFA  
 LRR5/02 00A06  
 MARKERR/02 007F1  
 MFCK2/02 0076C  
 MKMES/02 0140A  
 M\$RBIT/EXT  
 M\$VE15/02 00776  
 M\$VFLD/02 0084D  
 MSG/02 0059E  
 MSKG/02 0149C  
 MVSET/02 00783

JBBDN/02 0094B  
 KBHD/02 00E3B  
 KCOMEM/02 0125B  
 KDAL/02 00FDB  
 KDAL01/02 00FFB  
 KDAL3/02 01005  
 KDBI1/02 010B3  
 KDBI4/02 01061  
 KDEL/02 00EAF  
 KDNR/02 00FAC  
 KDBUP/02 00FB9  
 KDSPDN1/02 01031  
 KDSYM1/02 01106  
 KFBD/02 00F8E  
 KFBRM/02 00F7E  
 KF3B/02 00ECA  
 KNF1/02 00F46  
 KOMP/03 0005E  
 KSBR1/02 00F4E  
 KSWFLG/03 00079  
 KSWR/02 00F13  
 KSW2/02 00EE2  
 L\$RBT/00000018  
 LGNFCN/00000008  
 LIPBIT/00000008  
 LP/02 00C69  
 LRR2/02 00A12  
 LRR9/02 00A26  
 MBSCALL/02 00F78  
 MFFS/03 000C6  
 MNFCN/02 01231  
 M\$UNT/02 00C97  
 M\$VE17/02 00781  
 MRKD/03 000C7  
 MSG01/02 005A6  
 MSKH/02 0149B  
 MVSET1/02 00791

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MXPRI/00000004  
NBKSBIT/02 0149D  
NDMSK/000000F2  
NMTBL/0000000C  
NB\$STRM1/02 00R4A  
NBEM/02 00C72  
NBEX/03 00174  
NB\$SERM/02 0132R  
NB\$YS/02 0135D  
NBOUT/0000002D  
NBSTRM/02 01267  
NBXMSK/000000F4  
NBXTN1/02 00419  
NBID/03 000CA  
NBCCC/03 000CB  
NBFFBIT/00020000  
NBPDISCM/03 00235  
NBPNXX/02 01426  
NBPTLST/03 000CC  
NBBDN/02 00C8F  
NB\$PASSWRD/02 011FC  
NBPNPTR/02 011EB  
NBPGOK/02 00A8F  
NBPIDUNK/02 008D4  
NBPDN1/02 009B3  
NBPJ3/02 00915  
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NBPRIVTBL/00000038  
NBPRCD3/02 0086D  
NBPRCOPX/03 0005F  
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MBNEWBAN/02 0012B  
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MBNBSTRM/02 012AE  
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MB\$NEMES/02 00E56  
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MB\$PJDN2/02 009A0  
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MB\$PRTCK/02 009C9  
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MBNB\$TID/02 00B2F  
MBNB\$TALBT/02 014A4  
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MBNBXTON/02 00418  
MB\$AX/00000005  
MB\$CM1/02 00453  
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MB\$PMMSZ/0000000B  
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MB\$RDBIT/EXT  
MB\$PAR/00000001  
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MB\$PRIB1/02 00E9F  
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MB\$PTSZ/0000008E  
MB\$QNT/00000012  
MB\$RB\$CC1/02 003D5  
MB\$RBLRR/02 009DE

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MB\$PJDN/02 0098B  
MB\$PJ1/02 00909  
MB\$PNB2/02 008EA  
MB\$PRDCA1/02 0089B  
MB\$PRDC4/02 00893  
MB\$PRIN/02 00941  
MB\$PRIB2/02 00EAC  
MB\$PRCD2/02 00867  
MB\$PRCOP/02 00564  
MB\$PRDCDA/02 00876  
MB\$PUNBAN/02 01225  
MB\$RALIGN/02 00487  
MB\$RB\$CC2/02 003D6  
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RB#BCM/02 00448  
 RBCCBSE/02 00464  
 RBCC2/02 003E6  
 RBDEV/02 00517  
 RBDISC/02 004CF  
 RBFND/02 00381  
 RBGA2/02 003F7  
 RBINF0/02 0053D  
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 RBSSS/02 00464  
 RBSWT/02 00514  
 RBUNLCK/02 0047C  
 RCVLBC/03 00023  
 RECSZ/00000168  
 REGFXP/03 00146  
 RESCHK/02 00C84  
 RESINX/00000007  
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 RFRMM1/03 001C7  
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 RMTCLR/02 01202  
 RREC/02 00754  
 RSTP/02 00296  
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 R10/0000000A  
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 R4/00000004  
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 SIZPTR/02 01417  
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 RBFND1/02 00383  
 RBGA3/02 003F9  
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 RDDSK/02 00BF4  
 REL/02 004E2  
 RERUN/02 00C93  
 RESCOM/00000018  
 RESLIM/02 0095A  
 RFRM/02 00498  
 RFRMX/02 004AC  
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 RMTBAN1/03 001D8  
 RMTNUM/03 00171  
 RREC/03 001C8  
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 RTYFCN/02 0122A  
 R11/0000000B  
 R15/0000000F  
 R5/00000005  
 R9/00000009  
 SAMIDM/02 012C9  
 SEB4p1/02 00479  
 SERX/00000003  
 SETXXDCB/02 0145F  
 SGRNX/00000007  
 SKIP/02 00592

RBBSpCL/02 001B6  
 RBCCVEC/02 013FC  
 RBCTL/02 004BA  
 RBDEV15/02 0052D  
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 RBFORM/02 00494  
 RBHOLD/02 004D4  
 RBJOBMPTR/02 011E8  
 RBLCK/02 00474  
 RBMS1/03 000F9  
 RBPH0/02 004E6  
 RBSUSP/02 004B1  
 RBSZ/02 0055E  
 RBXXX/02 00515  
 RDXX/02 0141F  
 RELMF/02 00D99  
 RES/02 01210  
 RESET/02 00416  
 RESPTS/02 0146F  
 RFRMB/02 004AD  
 RFRM1/02 004A4  
 RIDX/00000003  
 RMTBAN2/03 001D4  
 RMTPUT/02 011F4  
 RRFM/02 0074A  
 RSXXK/02 0143E  
 R0/00000000  
 R12/0000000C  
 R2/00000002  
 R6/00000006  
 SAD/03 000F0  
 SCPX/0000000A  
 SECT/03 000D8  
 SETSTRM/02 00A2F  
 SET7/02 003D1  
 SIDPTR/02 013FA  
 SKIPSER/02 00CB5

RBCC/02 013C0  
 RBCC1/02 003D8  
 RBDEL/02 0053E  
 RBDEV2/02 0052F  
 RBDU1/02 0007F  
 RBGA1/02 003F0  
 RBINF/02 00611  
 RBJOBMSZ/0000000F  
 RBMS/03 000F4  
 RBNUCK/02 003FF  
 RBRET/02 004E0  
 RBSWITCH/02 0062C  
 RBTMSK/02 0122D  
 RCBTBL/00000014  
 REC/03 0025E  
 REMARK/02 0080C  
 RES#/03 000D7  
 RESFOUND/02 00C81  
 RESPTR/02 0147F  
 RFRMM/03 001C2  
 RFXPTR/02 01204  
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 RMTBPTR/02 011E9  
 RNFM/02 004AA  
 RSL1/02 00960  
 RTRY/00000025  
 R1/00000001  
 R13/0000000D  
 R3/00000003  
 R7/00000007  
 SALUTE/02 01270  
 SDAS/03 00001  
 SERDS/03 003B6  
 SETDM/02 010E0  
 SGBITS/02 01498  
 SIZPS/02 01413  
 SLASLA/02 01216

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15:40 SEP 08, '75  
SLFCN/02 01232  
SLSGBSZ/0000000B  
SLSGESZ/00000006  
SLSGRMT/0000001A  
SLVBIT/EXT  
SMDMNZ/0000001F  
SMIN/03 00323  
SMRINH/03 002CB  
SPCGFCST/02 001BC  
SSS/02 00469  
STAK/03 000DA  
STATX/03 000D9  
STORSWI/0000000C  
STRM2/02 00A5C  
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SLSG/03 00158  
SLSGCSZ/00000058  
SLSGGB/00040650  
SLSGSPTR/02 011F2  
SLVXP2BT/02 01493  
SMHIN/03 002F8  
SMPR/03 00306  
SNDPTR/02 011ED  
SPRID/00000001  
SSSBIT/00000010  
STARTCBM/03 000F2  
STAT1/02 00501  
STPBIT/00000400  
STRM3/02 00A7A  
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SLSGB/03 00158  
SLSGE/03 0016E  
SLSGM/03 0015A  
SLSGSZ/00000050  
SMD/0000000B  
SMHPR/03 002DB  
SMPU/03 00313  
SPB/00000026  
SRCB2BT/00000008  
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STOR8/02 00686  
STRM1/02 00A54  
STRTSYM/02 00B93  
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SLSGBPT/02 0120A  
SLSGEPT/02 0120C  
SLSGPTR/02 011F3  
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SMDCK/02 007C8  
SMHPU/03 002EB  
SMRIN/03 002D6  
SPCER/02 001C2  
SSIGS/02 01232  
SSO1/02 00A37  
STATMES/02 013A6  
STORSW/0000000D  
STRM15/02 00A63  
STSM1/02 00B9B  
/

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