

| SEQ | PG | LIN | LABEL | OP | OPERANDS | SFX | CT | LOCN | INSTRUCTION | TYPE | CARD | A-ADDR | B-ADDR |
|-----|-----|-----|--------|----------|--|-----|----|--------|-------------|-------|------|--------|--------|
| 101 | | | JOB | | FORTRAN COMPILER -- ARITH PHASE THREE -- PHASE 35 | | | | | | | | |
| 102 | | | CTL | | 6611 | | | | | | | | |
| 103 | | | * | | | | | | | | | | |
| 104 | | | * | | INITIALIZATION FOR ARITH PHASE FOUR TAKES PLACE. | | | | | | | | |
| 105 | | | * | | | | | | | | | | |
| 106 | | | * | | STUFF IN THE RESIDENT AREA | | | | | | | | |
| 107 | | | * | | | | | | | | | | |
| 108 | | | | EXT00 | SNAPSH, LOADNX, CDOVLY | | | | | MACRO | | | |
| 109 | | | SNAPSH | EQU | 333 | | | 0333 | | GEN | | | |
| 110 | | | PHASLD | EQU | 381 | | | 0381 | | GEN | | | |
| 111 | | | SNAPEX | EQU | 564 | | | 0564 | | GEN | | | |
| 112 | | | LOADNX | EQU | 700 | | | 0700 | | GEN | | | |
| 113 | | | CDOVLY | EQU | 700 | | | 0700 | | GEN | | | |
| 114 | | | TPREAD | EQU | 704 | | | 0704 | | GEN | | | |
| 115 | | | TPERR | EQU | 728 | | | 0728 | | GEN | | | |
| 116 | | | * | | | | | | | | | | |
| 117 | | | 110 | DCW | @ARITH TRI@ | | | 9 0110 | | | | 1 | |
| 118 | | | * | | | | | | | | | | |
| 119 | | | | EXT03 | BEGIN, TOP OF PHASE 3 | | | | | MACRO | | | |
| 120 | | | BEGIN3 | EQU | 838 | | | 0838 | | GEN | | | |
| 121 | | | TOP3 | EQU | 2600 | | | 2600 | | GEN | | | |
| 122 | | | * | | | | | | | | | | |
| 123 | | | PHAS35 | LDPH | ARITH TRI,LOADAD,BEGN35,,,35 | | | | | MACRO | | | |
| | | | * | PHAZ | LDPH [PHASID],LOADAD,ENTAD[,SKIPFG,SKIP],[NUMBER][,HALT] | | | | | GEN | | | |
| | | | * | XFR | PHASZ PROHIBITED IN A MACRO | | | | | GEN | | | |
| | | | * | | | | | | | GEN | | | |
| | | | * | LOAD | A BLOCK | | | | | GEN | | | |
| | | | * | | | | | | | GEN | | | |
| 124 | | |)6J003 | EQU | 110 | | | 0110 | | GEN | | | |
| 125 | | |)6K003 | EQU | 700 | | | 0700 | | GEN | | | |
| 126 | | |)6L003 | EQU | 704 | | | 0704 | | GEN | | | |
| 127 | | |)6M003 | EQU | 728 | | | 0728 | | GEN | | | |
| | | | * | | | | | | | GEN | | | |
| 128 | | | | ORG | 201 | | | | 0201 | | | | |
| 129 | | | PHAS35 | EQU | *&1 | | | 0201 | | GEN | | | |
| 130 | | | LCA |)9J003,) | 6J003 | | | 7 0201 | L 252 110 | GEN | 2 | 252 | 110 |
| 131 | | | BCE |)6K003,) | 6K003,1 | | | 8 0208 | B 700 700 1 | GEN | 2 | 700 | 700 |
| 132 | | | BCE |)6K003,) | 6L003&4,0 | | | 8 0216 | B 700 708 0 | GEN | 2 | 700 | 708 |
| 133 | | | RTW | 1,LOADAD | | | | 8 0224 | L %U1 838 R | GEN | 2 | %U1 | 838 |
| 134 | | | BER |)6M003 | | | | 5 0232 | B 728 L | GEN | 2 | 728 | |
| 135 | | | CS | BEGN35,) | 9R003 | | | 7 0237 | / 838 256 | GEN | 3 | 838 | 256 |
| 136 | | |)9J003 | DCW | @ARITH TRI@ | | | 9 0252 | | GEN | 3 | | |
| 137 | | | DC | #1 | | | | 1 0253 | | GEN | 3 | | |
| 138 | | | DC | @35@ | PHASE NUMBER | | | 2 0255 | | GEN | 3 | | |
| 139 | | |)9R003 | DCW | @}@ | | | 1 0256 | | GEN | 3 | | |
| 140 | | | | XFR | PHAS35 | | | | B 201 | | 4 | 201 | |
| 141 | | | * | | | | | | | | | | |
| 142 | | | | ORG | BEGIN3 | | | | 0838 | | | | |
| 143 | | | LOADAD | EQU | *&1 | | | 0838 | | | | | |
| 144 | 838 | | BEGN35 | BSS | SNAPSH,C | | | 5 0838 | B 333 C | | 5 | 333 | |

| SEQ | PG | LIN | LABEL | OP | OPERANDS | SFX | CT | LOCN | INSTRUCTION | TYPE | CARD | A-ADDR | B-ADDR |
|-----|----|-----|--------|------|---|-----|----|---------|-------------|-------|------|--------|--------|
| 145 | | 857 | | B | LOADNX | | | 4 0843 | B 700 | | 5 | 700 | |
| 146 | | 910 | | DC | #50 CS ROUTINE CLEARS DOWN TO X00 | | | 50 0896 | | | 7 | | |
| 147 | | 960 | | DC | #50 SO MAKE SURE THERE'S ENOUGH. | | | 50 0946 | | | 9 | | |
| 148 | 1 | 010 | | DC | #50 | | | 50 0996 | | | 11 | | |
| 149 | 1 | 060 | | DC | #50 | | | 50 1046 | | | 13 | | |
| 150 | 1 | 068 | GMWM | DCW | @}@ | | | 1 1047 | | GMARK | 13 | | |
| 151 | | | | XFR | BEGN35 | | | | B 838 | | 14 | 838 | |
| 152 | | | CLRME | CLRA | BEGN35,GMWM | | | | | MACRO | | | |
| | | | * | CLRA | CLRBOT,CLRTOP[,ORG,GMWMAD] | | | | | GEN | | | |
| | | | * | | | | | | | GEN | | | |
| | | | * | | CLEAR CORE AFTER A PHASE USING THE CLRTOP ADDRESS | | | | | GEN | | | |
| | | | * | | | | | | | GEN | | | |
| 153 | | | | ORG | 201 | | | | 0201 | | | | |
| | | | * | | | | | | | GEN | | | |
| | | | * | | CLEAR DOWN TO CLRBOT & X00 THE EASY WAY | | | | | GEN | | | |
| | | | * | | | | | | | GEN | | | |
| 154 | | | CLRME | EQU | *&1 | | | | 0201 | | | | |
| 155 | | |)0J004 | CS | GMWM CLEAR FROM CLRTOP | | | 4 0201 | / 47 | GEN | 15 | 1047 | |
| 156 | | | | SBR |)0J004&3 | | | 4 0205 | H 204 | GEN | 15 | 204 | |
| 157 | | | | SBR |)0L004&6 | | | 4 0209 | H 250 | GEN | 15 | 250 | |
| 158 | | | | C |)0J004&3,)0M004 DOWN TO CLRBOT & X00? | | | 7 0213 | C 204 261 | GEN | 15 | 204 | 261 |
| 159 | | | | BU |)0J004 | | | 5 0220 | B 201 / | GEN | 15 | 201 | |
| | | | * | | | | | | | GEN | | | |
| | | | * | | NOW CLEAR DOWN TO CLRBOT THE HARD WAY | | | | | GEN | | | |
| | | | * | | | | | | | GEN | | | |
| 160 | | |)0K004 | C |)0L004&6,)0N004 | | | 7 0225 | C 250 264 | GEN | 15 | 250 | 264 |
| 161 | | | | BU |)0L004 | | | 5 0232 | B 244 / | GEN | 15 | 244 | |
| 162 | | | | CS | LOADNX,)0Q004 LOAD THE NEXT BLOCK AT 1 | | | 7 0237 | / 700 271 | GEN | 16 | 700 | 271 |
| 163 | | |)0L004 | LCA |)0P004,0-0 CLEAR WITH BLANK AND WORD MARK | | | 7 0244 | L 265 000 | GEN | 16 | 265 | 000 |
| 164 | | | | SBR |)0L004&6 | | | 4 0251 | H 250 | GEN | 16 | 250 | |
| 165 | | | | B |)0K004 | | | 4 0255 | B 225 | GEN | 16 | 225 | |
| 166 | | |)0M004 | DSA |)0R004 CLRBOT & X00 - 1 | | | 3 0261 | 899 | GEN | 16 | 899 | |
| 167 | | |)0N004 | DSA | BEGN35 CLRBOT | | | 3 0264 | 838 | GEN | 16 | 838 | |
| 168 | | |)0P004 | DCW | #1 | | | 1 0265 | | GEN | 16 | | |
| 169 | | | | DC | @CLRA @ IDENTIFY IN A DECK, TAPE, OR DUMP | | | 5 0270 | | GEN | 16 | | |
| 170 | | |)0Q004 | DCW | @}@ | | | 1 0271 | | GEN | 17 | | |
| 171 | | | | ORG | BEGN35&X00 | | | | 0900 | | | | |
| 172 | | |)0R004 | EQU | * CLRBOT & X00 - 1 | | | | 0899 | GEN | | | |
| 173 | | | | XFR | CLRME | | | | B 201 | | 18 | 201 | |

| SYMBOL | ADDRESS | SYMBOL | ADDRESS | SYMBOL | ADDRESS | SYMBOL | ADDRESS | SYMBOL | ADDRESS | SYMBOL | ADDRESS |
|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|
|)0J004 | 0201: 0 |)0K004 | 0225: 0 |)0L004 | 0244: 0 |)0M004 | 0261: 0 |)0N004 | 0264: 0 |)0P004 | 0265: 0 |
|)0Q004 | 0271: 0 |)0R004 | 0899: 0 |)6J003 | 0110: 0 |)6K003 | 0700: 0 |)6L003 | 0704: 0 |)6M003 | 0728: 0 |
|)9J003 | 0252: 0 |)9R003 | 0256: 0 | BEGIN3 | 0838: 0 | BEGN35 | 0838: 0 | CDOVLY | 0700: 0 | CLRME | 0201: 0 |
| GMWM | 1047: 0 | LOADAD | 0838: 0 | LOADNX | 0700: 0 | PHAS35 | 0201: 0 | PHASLD | 0381: 0 | SNAPEX | 0564: 0 |
| SNAPSH | 0333: 0 | TOP3 | 2600: 0 | TPERR | 0728: 0 | TPREAD | 0704: 0 | | | | |

UNREFERENCED SYMBOLS

CDOVLY PHASLD SNAPEX TOP3 TPERR TPREAD