```
DDDDDDDDDDD          CCCCCCCCCCC   LLL
DDDDDDDDDDD          CCCCCCCCCCC   LLL
DDDDDDDDDDD          CCCCCCCCCCC   LLL
DDD        DDD    CCC              LLL
DDD        DDD    CCC              LLL
DDD        DDD    CCC              LLL
DDD        DDD    CCC              LLL
DDD        DDD    CCC              LLL
DDD        DDD    CCC              LLL
DDD        DDD    CCC              LLL
DDD        DDD    CCC              LLL
DDD        DDD    CCC              LLL
DDD        DDD    CCC              LLL
DDD        DDD    CCC              LLL
DDD        DDD    CCC              LLL
DDD        DDD    CCC              LLL
DDD        DDD    CCC              LLL
DDDDDDDDDDD          CCCCCCCCCCC   LLLLLLLLLLLLLLL
DDDDDDDDDDD          CCCCCCCCCCC   LLLLLLLLLLLLLLL
DDDDDDDDDDD          CCCCCCCCCCC   LLLLLLLLLLLLLLL
```

```
CCCCCCCC  LL           IIIIII   MM      MM   AAAAAA    CCCCCCCC
CCCCCCCC  LL           IIIIII   MM      MM   AAAAAA    CCCCCCCC
CC        LL             II     MMMM  MMMM  AA    AA  CC
CC        LL             II     MMMM  MMMM  AA    AA  CC
CC        LL             II     MM MM MM MM AA    AA  CC
CC        LL             II     MM MM MM MM AA    AA  CC
CC        LL             II     MM    MM    AA    AA  CC
CC        LL             II     MM    MM    AAAAAAAAAA CC
CC        LL             II     MM    MM    AAAAAAAAAA CC
CC        LL             II     MM    MM    AA    AA  CC
CC        LL             II     MM    MM    AA    AA  CC
CCCCCCCC  LLLLLLLLLL   IIIIII   MM    MM    AA    AA  CCCCCCCC
CCCCCCCC  LLLLLLLLLL   IIIIII   MM    MM    AA    AA  CCCCCCCC
```

```
MM      MM   AAAAAA    RRRRRRRR
MM      MM   AAAAAA    RRRRRRRR
MMMM  MMMM  AA    AA  RR      RR
MMMM  MMMM  AA    AA  RR      RR
MM MM MM MM AA    AA  RR      RR
MM MM MM MM AA    AA  RR      RR
MM    MM    AA    AA  RRRRRRRR
MM    MM    AA    AA  RRRRRRRR
MM    MM    AAAAAAAAAA RR  RR
MM    MM    AAAAAAAAAA RR  RR
MM    MM    AA    AA  RR    RR
MM    MM    AA    AA  RR    RR
MM    MM    AA    AA  RR      RR
MM    MM    AA    AA  RR      RR
```

;
;***********************************************************
;
;
;                         D C L L I B
;
;
;***********************************************************
;
; MODIFIED BY:
;
;       V03-003 PCG0003         Peter George         03-Jan-1984
;               Use a JSB in DISABLE.
;
;       V03-002 PCG0002         Peter George         15-Jun-1983
;               Modify STATUS and LODSTAT.
;
;       V03-001 PCG0001         Peter George         17-Feb-1983
;               Remove DEFCMD.
;
;---


; MACRO TO LOAD AN ERROR STATUS INTO R0
;
        .MACRO  LODSTAT VAL,PLC=R0
        MOVL    #CLI$_'VAL',R0
        .ENDM   LODSTAT


; ERROR MESSAGE GENERATION

```
        .MACRO  ERRMSG ERROR
                .IF NB  ERROR
                LODSTAT ERROR
                .ENDC
                BSBW    DCL$ERRORMSG
        .ENDM   ERRMSG


; SET COMPLETION STATUS VALUE


        .MACRO  STATUS ERROR,PLC
                LODSTAT ERROR,PLC
        .ENDM   STATUS


; SPECIAL MACROS USED BY RESULT PARSE ROUTINES


        .MACRO  SETSTAT VAL
        .IF IDN <VAL><SUCCESS>
        MOVL    #1,R0
        .IFF
        .IF IDN <VAL><FAIL>
        CLRL    R0
        .IFF
        MOVZWL  #CLI$_'VAL&^XFFFF,R0
        .ENDC
        .ENDC
        .ENDM   SETSTAT


; DISABLE CONTROL Y/C AST'S


        .MACRO  DISABLE
                JSB     DCL$DISABLE
        .ENDM   DISABLE


; ENABLE CONTROL Y/C AST'S


        .MACRO  ENABLE
                JSB     @(SP)+
        .ENDM   ENABLE


; SPECIAL MACROS USED BY RESULT PARSE ROUTINES

        .MACRO  SETINTR VAL,PLC=R0
        MOVL    #<<CLI$_'VAL>!1@31>,PLC
        .ENDM
```

```
; MACRO TO SET OR CLEAR A BIT BY BIT NUMBER

;CALL:
;         SETBIT  BITNUM,FLAGWORD
; OR:
;         CLRBIT  BITNUM,FLAGWORD
;
; WHERE:
;         BITNUM IS ANY VALID SOURCE OPERAND SECIFYING THE BIT
;                 OFFSET FROM THE FLAG BASE TO SET/CLEAR
;
;         FLAGWORD IS ANY VALID DESTINATION OPERAND
;
          .MACRO  SETBIT  VAL,FLAG
          .NTYPE  _$$     VAL
          .IF EQ  < $$ _-^XOEF>
          .IF NDF VAL
          BBSS    S^#VAL,FLAG,..+1
          .IFF
          .IF LT  <VAL-8>
          BISB    #<1@VAL>,FLAG
          .IFF
          BBSS    #VAL,FLAG,..+1
          .ENDC
          .ENDC
          .IFF
          BBSS    VAL,FLAG,..+1
          .ENDC
          .ENDM   SETBIT

          .MACRO  CLRBIT  VAL,FLAG
          .NTYPE  _$$     VAL
          .IF EQ  < $$ _-^XOEF>
          .IF NDF VAL
          BBCC    S^#VAL,FLAG,..+1
          .IFF
          .IF LT  <VAL-8>
          BICB    #<1@VAL>,FLAG
          .IFF
          BBCC    #VAL,FLAG,..+1
          .ENDC
          .ENDC
          .IFF
          BBCC    VAL,FLAG,..+1
          .ENDC
          .ENDM   CLRBIT
```

INTDEF
SDL

COMMAND
LIS

DESCRVAL
LIS

CONVERT
LIS

CLIMAC
MAR

CLIMSG
LIS

CONNECT
LIS

DCLPARSE
LIS

CHARMANIP
LIS

EXAMDEP
LIS

EXIT
LIS

INTIMAGES
MAR

DCXSTART
LIS

CLIGBL
LIS

DISALLOW
LIS

CLINT
LIS

CANCEL
LIS