

FFFFFFFFFFFFFFFF	111	111	XXX	XXX
FFFFFFFFFFFFFFFF	111	111	XXX	XXX
FFFFFFFFFFFFFFFF	111	111	XXX	XXX
FFF	111111	111111	XXX	XXX
FFF	111111	111111	XXX	XXX
FFF	111111	111111	XXX	XXX
FFF	111	111	XXX	XXX
FFF	111	111	XXX	XXX
FFF	111	111	XXX	XXX
FFFFFFFF FFF	111	111	XXX	XXX
FFFFFFFFFFFFF	111	111	XXX	XXX
FFFFFFFFFFFFF	111	111	XXX	XXX
FFF	111	111	XXX	XXX
FFF	111	111	XXX	XXX
FFF	111	111	XXX	XXX
FFF	111	111	XXX	XXX
FFF	111	111	XXX	XXX
FFF	111	111	XXX	XXX
FFF	111	111	XXX	XXX
FFF	111	111	XXX	XXX
FFF	1111111111	1111111111	XXX	XXX
FFF	1111111111	1111111111	XXX	XXX
FFF	1111111111	1111111111	XXX	XXX

-\$25

Symt

IOCS

IO_C

IO_C

IO_C

IO_F

IO_S

KICL

KILL

KILL

LB_E

LB_C

LB_F

LB_H

LB_L

LOCAL

LOCK

LOCK

LOCK

LOCK

LOC.

LOC.

L_CC

L_CC

L_DA

L_DA

MAIN

MAKE

MAKE

MAKE

MAKE

MAKE

MAKE

MAKE

MAP

MAP.

MAP.

MAR

MAR

MAR

MAR

MAR

```

LL          000000      CCCCCCCC  KK      KK  DDDDDDDD  BBBB88888
LL          000000      CCCCCCCC  KK      KK  DDDDDDDD  BBBB88888
LL          00      00  CC          KK      KK  DD      DD  BB      BB
LL          00      00  CC          KK      KK  DD      DD  BB      BB
LL          00      00  CC          KK      KK  DD      DD  BB      BB
LL          00      00  CC          KK      KK  DD      DD  BB      BB
LL          00      00  CC          KK      KK  DD      DD  BB      BB
LL          00      00  CC          KKKKKK  DD      DD  BBBB88888
LL          00      00  CC          KKKKKK  DD      DD  BBBB88888
LL          00      00  CC          KK      KK  DD      DD  BB      BB
LL          00      00  CC          KK      KK  DD      DD  BB      BB
LL          00      00  CC          KK      KK  DD      DD  BB      BB
LL          00      00  CC          KK      KK  DD      DD  BB      BB
LLLLLLLLLLL 000000      CCCCCCCC  KK      KK  DDDDDDDD  BBBB88888
LLLLLLLLLLL 000000      CCCCCCCC  KK      KK  DDDDDDDD  BBBB88888

```

```

LL          IIIIIII  SSSSSSSSS
LL          IIIIIII  SSSSSSSSS
LL          II      SS
LL          II      SS
LL          II      SS
LL          II      SS
LL          II      SSSSSSS
LL          II      SSSSSSS
LL          II      SS
LL          II      SS
LL          II      SS
LL          II      SS
LLLLLLLLLLL IIIIIII  SSSSSSSSS
LLLLLLLLLLL IIIIIII  SSSSSSSSS

```

```

0000 1      .TITLE  LOCKDB - LOCK AND UNLOCK I/O DATA BASE
0000 2      .IDENT  'V04-000'
0000 3
0000 4
0000 5 :*****
0000 6 :*
0000 7 :*  COPYRIGHT (c) 1978, 1980, 1982, 1984 BY
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0000 24 :*
0000 25 :*
0000 26 :*****
0000 27
0000 28 :++
0000 29
0000 30 : FACILITY:  F11ACP STRUCTURE LEVEL 1
0000 31
0000 32 : ABSTRACT:
0000 33
0000 34 :     THESE ROUTINES LOCK AND UNLOCK THE I/O DATA BASE MUTEX.
0000 35 :     NEEDLESS TO SAY, THEY MUST BE CALLED IN KERNEL MODE.
0000 36
0000 37 : ENVIRONMENT:
0000 38
0000 39 :     STARLET OPERATING SYSTEM, INCLUDING PRIVILEGED SYSTEM SERVICES
0000 40 :     AND INTERNAL EXEC ROUTINE.
0000 41
0000 42 : --
0000 43
0000 44 : AUTHOR:  ANDREW C. GOLDSTEIN, CREATION DATE:  29-APR-1977  15:31
0000 45
0000 46 : MODIFIED BY:
0000 47
0000 48 :     A0100  ACG00001      Andrew C. Goldstein,  10-Oct-1978  20:04
0000 49 :     Previous revision history moved to F11A.REV
0000 50 : **
0000 51
0000 52
0000 53 : $PRDEF          ; DEFINE PROCESOR REGISTER NUMBERS

```

```

0000 55 :++
0000 56 :
0000 57 : FUNCTIONAL DESCRIPTION:
0000 58 :
0000 59 :     THIS ROUTINE LOCKS THE I/O DATA BASE MUTEX.
0000 60 :
0000 61 : CALLING SEQUENCE:
0000 62 :     CALL LOCK_IODB ( )
0000 63 :
0000 64 : INPUT PARAMETERS:
0000 65 :     NONE
0000 66 :
0000 67 : IMPLICIT INPUTS:
0000 68 :     NONE
0000 69 :
0000 70 : OUTPUT PARAMETERS:
0000 71 :     NONE
0000 72 :
0000 73 : IMPLICIT OUTPUTS:
0000 74 :     NONE
0000 75 :
0000 76 : ROUTINE VALUE:
0000 77 :     NONE
0000 78 :
0000 79 : SIDE EFFECTS:
0000 80 :     I/O DATA BASE MUTEX LOCKED
0000 81 :
0000 82 :--
0000 83 :
00000000 84 :     .PSECT $LOCKEDC1$,NOWRT
0000 85 :
0000 86 LOCK_IODB::
50 00000000'9F 003C 0000 87 :     .WORD ^M<R2,R3,R4,R5> ; SAVE REGISTERS
54 00000000'9F DE 0002 88 :     MOVAL @#IOC$GL_MUTEX,R0 ; GET I/O DATA BASE MUTEX
00000000'9F D0 0009 89 :     MOVL @#SCH$GL_CURPCB,R4 ; GET OWN PCB ADDRESS
00000000'9F 16 0010 90 :     JSB @#SCH$LOCKW ; AND LOCK IT
04 0016 91 :     RET

```

.....

0171 AH-BT13A-SE
VAX/VMS V4.0

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