

```

PPPPPPPPPPPP      AAAAAAAAAA      SSSSSSSSSSSS      RRRRRRRRRRRR      TTTTTTTTTTTTTTTT      LLL
PPPPPPPPPPPP      AAAAAAAAAA      SSSSSSSSSSSS      RRRRRRRRRRRR      TTTTTTTTTTTTTTTT      LLL
PPPPPPPPPPPP      AAAAAAAAAA      SSSSSSSSSSSS      RRRRRRRRRRRR      TTTTTTTTTTTTTTTT      LLL
PPP                PPP  AAA          AAA  SSS                RRR                RRR                TTT                LLL
PPP                PPP  AAA          AAA  SSS                RRR                RRR                TTT                LLL
PPP                PPP  AAA          AAA  SSS                RRR                RRR                TTT                LLL
PPP                PPP  AAA          AAA  SSS                RRR                RRR                TTT                LLL
PPP                PPP  AAA          AAA  SSS                RRR                RRR                TTT                LLL
PPP                PPP  AAA          AAA  SSS                RRR                RRR                TTT                LLL
PPPPPPPPPPPP      AAA          AAA          SSSSSSSSSS      RRRRRRRRRRRR      TTT                LLL
PPPPPPPPPPPP      AAA          AAA          SSSSSSSSSS      RRRRRRRRRRRR      TTT                LLL
PPPPPPPPPPPP      AAA          AAA          SSSSSSSSSS      RRRRRRRRRRRR      TTT                LLL
PPP                AAAAAAAAAAAAAAAAAA      SSS                RRR                RRR                TTT                LLL
PPP                AAAAAAAAAAAAAAAAAA      SSS                RRR                RRR                TTT                LLL
PPP                AAAAAAAAAAAAAAAAAA      SSS                RRR                RRR                TTT                LLL
PPP                AAA          AAA          SSS                RRR                RRR                TTT                LLL
PPP                AAA          AAA          SSS                RRR                RRR                TTT                LLL
PPP                AAA          AAA          SSS                RRR                RRR                TTT                LLL
PPP                AAA          AAA          SSSSSSSSSS      RRR                RRR                TTT                LLLLLLLLLLLLLLLLLL
PPP                AAA          AAA          SSSSSSSSSS      RRR                RRR                TTT                LLLLLLLLLLLLLLLLLL
PPP                AAA          AAA          SSSSSSSSSS      RRR                RRR                TTT                LLLLLLLLLLLLLLLLLL

```

```

PPPPPPPP      AAAAAA      SSSSSSSS      MM      MM      AAAAAA      CCCCCCCC      RRRRRRRR      000000      SSSSSSSS
PPPPPPPP      AAAAAA      SSSSSSSS      MM      MM      AAAAAA      CCCCCCCC      RRRRRRRR      000000      SSSSSSSS
PP      PP      AA      AA      SS      MMMM      MMMM      AA      AA      CC      RRRRRRRR      RR      00      00      SS
PP      PP      AA      AA      SS      MMMM      MMMM      AA      AA      CC      RRRRRRRR      RR      00      00      SS
PP      PP      AA      AA      SS      MM      MM      AA      AA      CC      RRRRRRRR      RR      00      00      SS
PP      PP      AA      AA      SS      MM      MM      AA      AA      CC      RRRRRRRR      RR      00      00      SS
PPPPPPPP      AA      AA      SSSSSS      MM      MM      AA      AA      CC      RRRRRRRR      RR      00      00      SS
PPPPPPPP      AA      AA      SSSSSS      MM      MM      AA      AA      CC      RRRRRRRR      RR      00      00      SS
PP      AAAAAAAAAA      SS      MM      MM      AAAAAAAAAA      CC      RRRRRRRR      RR      00      00      SS
PP      AAAAAAAAAA      SS      MM      MM      AAAAAAAAAA      CC      RRRRRRRR      RR      00      00      SS
PP      AA      AA      SS      MM      MM      AA      AA      CC      RRRRRRRR      RR      RR      00      00      SS
PP      AA      AA      SS      MM      MM      AA      AA      CC      RRRRRRRR      RR      RR      00      00      SS
PP      AA      AA      SSSSSSSS      MM      MM      AA      AA      CCCCCCCC      RR      RR      000000      SSSSSSSS
PP      AA      AA      SSSSSSSS      MM      MM      AA      AA      CCCCCCCC      RR      RR      000000      SSSSSSSS

```

```

RRRRRRRR      EEEEEEEEE      QQQQQQ
RRRRRRRR      EEEEEEEEE      QQQQQQ
RR      RR      EE      QQ      QQ
RR      RR      EE      QQ      QQ
RR      RR      EE      QQ      QQ
RR      RR      EE      QQ      QQ
RRRRRRRR      EEEEEEEEE      QQ      QQ
RRRRRRRR      EEEEEEEEE      QQ      QQ
RR      RR      EE      QQ      QQ      QQ
RR      RR      EE      QQ      QQ      QQ
RR      RR      EE      QQ      QQ      QQ
RR      RR      EE      QQ      QQ
RR      RR      EEEEEEEEE      QQQQ      QQ
RR      RR      EEEEEEEEE      QQQQ      QQ

```

PAS
LIT
MAC
! E

! Macros for Pascal Run-Time Library
 ! File: PASMACROS.REQ, Edit: SBL1003

```
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```

! Author: Steven B. Lionel, 1-April-1981

! 1-001 - Original. SBL 1-April-1981
 ! 1-002 - Change \$PASSRMS_OP so that it doesn't loop on RMS\$_ACT unless the
 ! file is on a disk device. SBL 29-July-1982
 ! 1-003 - Make that a disk or tape device. SBL 29-July-1982
 ! --

!+ Macro to signal a Pascal bugcheck.
 !-

```
MACRO
  $PASSBUGCHECK (bugname) =
    BEGIN
      PASS$BUGCHECK (bugname);
      RETURN 0;
    END %;
```

!+ Macro to signal an I/O error. The source code specifies the first
 ! message as a PASS\$xxx symbol. This macro changes it to a PASSK_xxx
 ! symbol to result in shorter code. If it is desired to change back,
 ! only this macro need be modified.
 !-

```
MACRO
  !+
  ! Internal macro MOD_SIG_NAME takes as its argument a sequence
```



```
! of characters which is the exploded PASS_xxx signal name and returns
! the equivalent name PASSK_xxx. It is only used by $PASSIO_ERROR.
```

```
MOD_SIG_NAME (cP,cA,cS,c$,c) =
  %NAME ('PASSK_',%REMAINING) %,
```

```
$PASSIO_ERROR (signame) =
  BEGIN
    PASS$SIGNAL (PFV [PFV$R_PFV], MOD_SIG_NAME(%EXPLODE(signame))
      %IF %NULL(%REMAINING)
      %THEN
      %ELSE
      ,%REMAINING
      %FI
    );
  RETURN 0;
  END %;
```

```
!+
! Macro to do an RMS operation with retry for RMS$_ACT if a disk or tape device.
```

```
MACRO
  $PASSRMS_OP (rms_op) =
    BEGIN
      LOCAL
        $$$STATUS;
      DO $$$STATUS = (rms_op) UNTIL (.$$$STATUS OR (.$$$STATUS NEQ RMS$_ACT)
        OR NOT .FCB [FCB$V_FOD]);
      .$$$STATUS
    END %;
```

```
!+
! Structure definitions used to declare the FAB and NAM as being offset from
! FCB. To use, make the following declarations:
```

```
BIND
  FAB = FCB: REF $PASSFAB_FCB_STRUCT,
  NAM = FCB: REF $PASSNAM_FCB_STRUCT;
```

```
STRUCTURE
  $PASSFAB_FCB_STRUCT [O, P, S, E] =
    [FAB$C_BLN]
    ($PASSFAB_FCB_STRUCT+RAB$C_BLN+O)<P,S,E>,
  $PASSNAM_FCB_STRUCT [O, P, S, E] =
    [NAM$C_BLN]
    ($PASSNAM_FCB_STRUCT+RAB$C_BLN+FAB$C_BLN+O)<P,S,E>;
```

```
: End of file PASMACROS.REQ
```


0293 AH-BT13A-SE
VAX/VMS V4.0

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PASRT1 LIS	PASMACROS REQ	PASPROLOG REQ
PASFCB SDL	PASPEDEF REQ	PASABSL LIS
PASRT2 LIS	PASBUGCOD REQ	PASCARD2 LIS
PASRT3 LIS	PASRT1 MAP	PASCLOSE2 LIS
PASRT4 LIS	PASEXTERN REQ	PASKDB REQ
PASRT5 LIS	PASLIB REQ	PASPFU REQ
PASRT6 LIS	PASBIN LIS	PASCONVER LIS
PASRT7 LIS	PASLOCK2 LIS	
PASRT8 LIS		
PASRT9 LIS		
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