


```

RRRRRRRR      EEEEEEEEEEE  MM      MM      MM      MM      AAAAAA      CCCCCCCC      RRRRRRRR      000000      SSSSSSSS
RRRRRRRR      EEEEEEEEEEE  MM      MM      MM      MM      AAAAAA      CCCCCCCC      RRRRRRRR      000000      SSSSSSSS
RR      RR      EE          MMMM  MMMM  MMMM  MMMM  AA      AA      CC          RRRRRRRR      RR      00      00      SS
RR      RR      EE          MMMM  MMMM  MMMM  MMMM  AA      AA      CC          RRRRRRRR      RR      00      00      SS
RR      RR      EE          MM      MM      MM      MM      AA      AA      CC          RRRRRRRR      RR      00      00      SS
RR      RR      EE          MM      MM      MM      MM      AA      AA      CC          RRRRRRRR      RR      00      00      SS
RRRRRRRR      EEEEEEEEEEE  MM      MM      MM      MM      AA      AA      CC          RRRRRRRR      JO      00      SSSSSS
RRRRRRRR      EEEEEEEEEEE  MM      MM      MM      MM      AA      AA      CC          RRRRRRRR      RR      00      00      SSSSSS
RR      RR      EE          MM      MM      MM      MM      AAAAAAAAAA  CC          RR      RR      00      00      SS
RR      RR      EE          MM      MM      MM      MM      AAAAAAAAAA  CC          RR      RR      00      00      SS
RR      RR      EE          MM      MM      MM      MM      AA      AA      CC          RR      RR      00      00      SS
RR      RR      EE          MM      MM      MM      MM      AA      AA      CC          RR      RR      00      00      SS
RR      RR      EEEEEEEEEEE  MM      MM      MM      MM      AA      AA      CCCCCCCC  RR      RR      000000  SSSSSSSS
RR      RR      EEEEEEEEEEE  MM      MM      MM      MM      AA      AA      CCCCCCCC  RR      RR      000000  SSSSSSSS

```

```

MM      MM      AAAAAA      RRRRRRRR
MM      MM      AAAAAA      RRRRRRRR
MMMM  MMMM  AA      AA      RR      RR
MMMM  MMMM  AA      AA      RR      RR
MM      MM      AA      AA      RR      RR
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

```

Version 'V04-000'

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Modified by:

V03-003 JLV0273 Jake VanNoy 15-JUN-1983
 Mods to RTTUCBEXT to allow real RTT UCB to be defined
 in \$TTYUCBDEF.

V03-002 JLVC250 Jake VanNoy 29-APR-1983
 Include logical terminal UCB into remote terminal UCB.

V03-001 JLV0217 Jake VanNoy 7-Jan-1983
 Add to \$RTTUCBEXT to allow LTERM work to continue.

V02-006 SPF0049 Steve Forgey 31-December-1981
 Add UCB\$W_RTT_LINK field to RT UCB.

V02-005 DJD2004 Darrell Duffy 9-December-1981
 Update for outofband support.

V02-004 PHL0022 Peter H. Lipman 1-November-1981
 Error in V02-003, missing continuation line
 indication in \$RTTUCBEXT.

V02-003 DJD2003 Darrell Duffy 30-October-1981
 Update for new fixes.

V02-002 DJD2002 Darrell Duffy 20-August-1981
 Second longword of devdepend to the ucb for
 first round of terminal upgrade changes

: VO2-001 DJD2001 Darrell Duffy 5-Mar-1981
: RTTD RIVER calls netdriver directly for io
:

```

.MACRO $REMDEF
REMSC_MAXLINKS = 16 ; Max no. of virtual devices
REMSC_MAXDEVS = 10 ; Max no. of device/object pairs
REMSC_MAXUNITS = 16 ; Max no. of device units per controller

REMSC_CURVRS = 1 ; Current version of protocol
REMSC_CURECO = 1 ; Current eco level of protocol
;
; Terminal protocol states
;
REMSC_ST_CONFIG = 1 ; Awaiting CONFIGURE message
REMSC_ST_ATTRIB = 2 ; Awaiting ATTRIBUTES message
;
; Work types for queue entries
;
REMSC_MBX_READ = 1 ; Do a mailbox read
REMSC_LNK_READ = 2 ; Do a Link read
.MACRO $REMDEF
.ENDM $REMDEF
.ENDM $REMDEF

.MACRO $RTTUCBEXT $GBL ; Extension to ucb for rtt driver
$TTYDEFS ; define terminal UCB and symbols

UCBSL_RTT_DEVDEPEND2 = - ; Second longword of device dependent
UCBSL_DEVDEPN2 ; bits
UCBSL_RTT_CTRLC = UCBSL_TL_CTRLC ; CTRL/C Ast List
UCBSL_RTT_CTRLY = UCBSL_TL_CTRLY ; CTRL/Y ast List
UCBSL_RTT_BANDXCL = UCBSL_TL_BANDQUE ; Outofband list for include
UCBSL_RTT_BANDXMSK = UCBSL_TL_OUTBAND ; Summary mask for include
UCBSK_RTT_LEN = UCBSK_RTT_LENGTH ; temp ***

.ENDM

.MACRO $DISPATCH, INDX, VECTOR, TYPE=W, NMODE=S^N, ?MN, ?MX, ?S, ?SS, ?ZZ
SS:
.MACRO $DSP1, $DSP1_1
.IRP $DSP1_2, $DSP1_1
$DSP2 $DSP1_2
.ENDR
.ENDM
.MACRO $DSP2, $DSP2_1, $DSP2_2
.=<$DSP2_1-MN>*2 + 5
.WORD $DSP2_2-S
.ENDM
.MACRO $BND1, $BND1_1, $BND1_2, $BND1_3
$BND2 $BND1_1, $BND1_2
.ENDM
.MACRO $BND2, $BND2_1, $BND2_2
.IIF $BND2_1, $BND2_2-. , .=$BND2_2
.ENDM
.MACRO $BND $BND_1, $BND_2

```

```
      .IRP      $BND_3,<$BND_2>
      $BND1    $BND_1,$BND_3
      .ENDR
      .ENDM
      .=0
ZZ:
      $BND     GT,<VECTOR>
MX:
      $BND     LT,<VECTOR>
MN:
      .=SS
CASE 'TYPE'   INDX,#<MN-ZZ>,NMODE'<MX-MN>
S:
      .REPT    MX-MN+1
      .WORD    <MX-MN>*2 + 2
      .ENDR
      .=S
      $DSP1    <<VECTOR>>
      .=<MX-MN>*2 + S + 2
.ENDM
```

0312 AH-BT13A-SE
VAX/VMS V4.0

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