



```

NN      NN      EEEEEEEEEE  TTTTTTTTTT  DDDDDDDD  RRRRRRRR  VV      VV  MM      MM      AAAAAA  CCCCCCCC
NN      NN      EEEEEEEEEE  TTTTTTTTTT  DDDDDDDD  RRRRRRRR  VV      VV  MM      MM      AAAAAA  CCCCCCCC
NN      NN      EE           TT           DD      DD  RR      RR  VV      VV  MMMM  MMMM  AA      AA  CC
NN      NN      EE           TT           DD      DD  RR      RR  VV      VV  MMMM  MMMM  AA      AA  CC
NNNN    NN      EE           TT           DD      DD  RR      RR  VV      VV  MM  MM  MM  AA      AA  CC
NNNN    NN      EE           TT           DD      DD  RR      RR  VV      VV  MM  MM  MM  AA      AA  CC
NN      NN      EEEEEEEEEE  TT           DD      DD  RRRRRRRR  VV      VV  MM      MM  AA      AA  CC
NN      NN      EEEEEEEEEE  TT           DD      DD  RRRRRRRR  VV      VV  MM      MM  AA      AA  CC
NN      NN      EE           TT           DD      DD  RR      RR  VV      VV  MM      MM  AAAAAAAAAA  CC
NN      NN      EE           TT           DD      DD  RR      RR  VV      VV  MM      MM  AAAAAAAAAA  CC
NN      NN      EE           TT           DD      DD  RR      RR  VV      VV  MM      MM  AA      AA  CC
NN      NN      EE           TT           DD      DD  RR      RR  VV      VV  MM      MM  AA      AA  CC
NN      NN      EEEEEEEEEE  TT           DDDDDDDD  RR      RR  VV      VV  MM      MM  AA      AA  CCCCCCCC
NN      NN      EEEEEEEEEE  TT           DDDDDDDD  RR      RR  VV      VV  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  AA      AA  RR      RR
MM  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

```

.TITLE NETDRVMAC - NETDRIVER macro definitions  
.IDENT 'V04-000'

```

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MODIFIED BY:

- V03-002 TMH0002            Tim Halvorsen    03-Jan-1983  
                          Modify so that macro can be included in NETDEF.STB
- V03-001 RNG0001            Rod N. Gamache    29-Nov-1982  
                          Add new CXB definitions for received adj.

```

.MACRO $CXBEXTDEF,$GBL          ; Define CXB extensions

NSPSC_MAX_DELAY = 20           :&
NSPSC_MAX_R_CXB = 7            :&
NSPSC_MAX_XPW  = 7             :& Maximum transmit-packet-window

$DEFINI CXBEXT,$GBL

:
:
: The following fields are used when a NSP is formatting a message to be
: sent to routing layer for transmission
:
:
:   . = CXBSC_HEADER           ; Start at Beginning of message
:                               ; area
$VFIELD CXB,0,<-               ; CXBSB_CODE bits
:                               ; Set if queued to datalink
:                               ; Set if ACK is outstanding
:                               ;
$DEF CXBST_X_XPORT .BLKB TR3SC_HSZ_DATA ; Transport data msg header
$DEF CXBSB_X_NSPTYP .BLKB 1             ; NSP message type
$DEF CXBSW_X_NSPPREM .BLKW 1           ; NSP remote link address
$DEF CXBSW_X_NSPLC .BLKW 1            ; NSP local link address
$DEF CXBSW_X_NSPACK .BLKW 1           ; NSP ACK field
$DEF CXBSW_X_NSSEQ .BLKW 1            ; NSP sequence number
$DEF CXBST_X_DATA .BLKW 1             ; Area for user data

:
:
: The following fields are used when a received message is passed to NSP by
: the routing layer.
:
:
:   . = CXBST_DLL              ; Start at Datalink impure area
$DEF CXBSL_R_RCB .BLKL 1              ; Pointer to the NET RCB
$DEF CXBSL_R_MSG .BLKL 1              ; Pointer to first NSP byte in message
$DEF CXBSW_R_BCNT .BLKW 1             ; Length of message w/o route header
$DEF CXBSW_R_PATH .BLKW 1            ; Path number over which message was
:                               ; received
$DEF CXBSW_R_DSTNOD .BLKW 1          ; Local node address in high byte
$DEF CXBSW_R_SRCNOD .BLKW 1          ; Source node address in low byte
$DEF CXBSB_R_FLG .BLKB 1             ; LBS if datalink layer needs CXB back
:                               ; due to receiver buffering problems
$DEF CXBSB_R_AREA .BLKB 1            ; Area portion of node address
:                               ; (overlays NSPTYP)
$DEF CXBSB_R_NSPTYP .BLKB 1          ; NSP message type
$DEF CXBSW_R_ADJ .BLKW 1             ; Received adjacency index
:                               ; (overlays NSPSEQ)
$DEF CXBSW_R_NSSEQ .BLKW 1           ; NSP message sequence number
:

```

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```
      CXBSC_R_LENGTH = .           ; Make the end of the definition
$DEFEND CXBEXT,$GBL,DEF

ASSUME CXBSC_DLL GE CXBSC_R_LENGTH-CXBST_DLL ; Make sure we had enough room

.ENDM $CXBEXTDEF
```

