

```

EEEEEEEEEE XX XX AAAAAA MM MM PPPPPPPP LL EEEEEEEEE SSSSSSSS
EEEEEEEEEE XX XX AAAAAA MM MM PPPPPPPP LL EEEEEEEEE SSSSSSSS
EEEEEEEEEE XX XX AAAAAA MM MM PPPPPPPP LL EEEEEEEEE SSSSSSSS
EE XX XX AA AA MMMM MMMM PP PP LL EE SS
EE XX XX AA AA MMMM MMMM PP PP LL EE SS
EE XX XX AA AA MMMM MMMM PP PP LL EE SS
EE XX XX AA AA MM MM MM PP PP LL EE SS
EE XX XX AA AA MM MM MM PP PP LL EE SS
EEEEEEEE XX XX AA AA MM MM PPPPPPPP LL EEEEEEEEE SSSSSSS
EEEEEEEE XX XX AA AA MM MM PPPPPPPP LL EEEEEEEEE SSSSSSS
EEEEEEEE XX XX AA AA MM MM PPPPPPPP LL EEEEEEEEE SSSSSSS
EE XX XX AAAAAAAAAA MM MM PP LL EE SS
EE XX XX AAAAAAAAAA MM MM PP LL EE SS
EE XX XX AAAAAAAAAA MM MM PP LL EE SS
EE XX XX AA AA MM MM PP LL EE SS
EE XX XX AA AA MM MM PP LL EE SS
EE XX XX AA AA MM MM PP LL EE SS
EEEEEEEEEE XX XX AA AA MM MM PP LLLLLLLLLL EEEEEEEEE SSSSSSSS
EEEEEEEEEE XX XX AA AA MM MM PP LLLLLLLLLL EEEEEEEEE SSSSSSSS
EEEEEEEEEE XX XX AA AA MM MM PP LLLLLLLLLL EEEEEEEEE SSSSSSSS

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XX      XX      AAAAAA      LL      IIIIII      NN      NN      KK      KK
XX      XX      AAAAAA      LL      IIIIII      NN      NN      KK      KK
XX      XX      AA      AA      LL      II      NN      NN      KK      KK
XX      XX      AA      AA      LL      II      NN      NN      KK      KK
  XX  XX      AA      AA      LL      II      NNNN     NN      KK      KK
  XX  XX      AA      AA      LL      II      NNNN     NN      KK      KK
    XX XX      AA      AA      LL      II      NN  NN   NN      KKKKKK
    XX XX      AA      AA      LL      II      NN  NN   NN      KKKKKK
  XX  XX      AAAAAAAAAA      LL      II      NN      NNNN     KK      KK
  XX  XX      AAAAAAAAAA      LL      II      NN      NNNN     KK      KK
XX      XX      AA      AA      LL      II      NN      NN      KK      KK
XX      XX      AA      AA      LL      II      NN      NN      KK      KK
XX      XX      AA      AA      LLLLLLLLLL      IIIIII      NN      NN      KK      KK
XX      XX      AA      AA      LLLLLLLLLL      IIIIII      NN      NN      KK      KK

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```

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 XALINK  
.IDENT /V04-000/

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PROGRAM TO CHANGE DR11W DRIVER FOR LINK MODE

SYSTEM MACRO CALLS - DEFINE XADRIVER CHARACTERISTICS BITS

\$XADef

; LOCAL SYMBOLS

.PSECT XADATA, LONG

```

CHANA: .LONG 0 ; CELL TO STORE CHANNEL NUMBER
IOSB: .BLKQ 1 ; IOSB FOR QIO
CHAR BUF: .LONG 80, INFO ; DEVICE CHARACTERISTICS BUFFER DESCR
LENGTH: .LONG 0 ; AND LENGTH
INFO: .LONG 0 ; CHARACTERISTICS BUFFER
CHAR: .LONG 0
DEVDEPEND: .LONG 0
          .BLKL 20

```

.PSECT XACODE, NOWRT

.ENTRY XALINK, ^M<R2, R3, R4, R5>

20\$: MOVL @4(AP), W^CHANA ; GET CHANNEL NUMBER

\$GETCHN\_S CHAN=W^CHANA, - ; GET CHANNEL INFORMATION



```
PRIBUF=W^CHAR_BUF,-  
PRILEN=W^LENGTH
```

```
40$: BLBS    R0,40$  
    RET  
  
    BISL    #XASM LINK,W^DEVDEPEND ; SET LINK MODE STATUS BIT  
    $QIO_S  CHAN=W^CHANA,-          ; WRITE CHARACTERISTICS  
           FUNC=#IOS_SETCHAR,-  
           EFN=#10,-  
           IOSB=W^IOSB,-  
           P1=W^CHAR  
  
50$: BLBS    R0,50$  
    RET  
  
    MOVZWL  W^IOSB,R0  
    RET  
    .END
```



