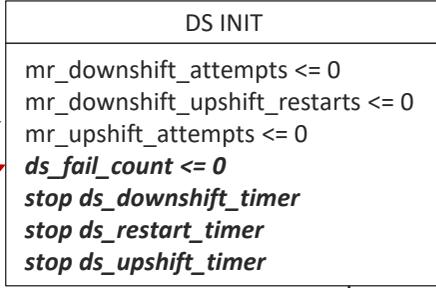
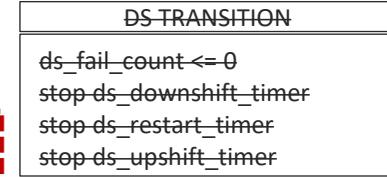


Last update:  
1/29/2026 6:52 PM

*!mr\_autoneg\_enable +  
!mr\_downshift\_enabled*



*mr\_autoneg\_enable = TRUE +  
mr\_downshift\_enabled = TRUE*



Additions: ***bold italic***  
Deletions: ~~strikethrough~~  
Commentary: ***bold italic***

Figure 98-7 in "ABILITY DETECT",  
link is down, no link codewords  
with good CRC, so no-one is on  
the far end

At least one of autoneg or downshift are  
disabled

Both autoneg and downshift are  
enabled

*mr\_autoneg\_enable \*  
mr\_downshift\_enabled*

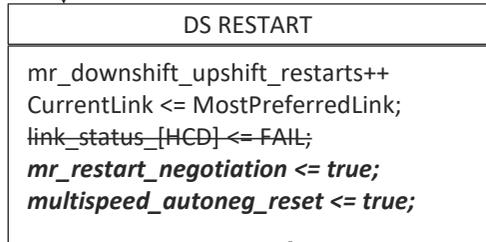
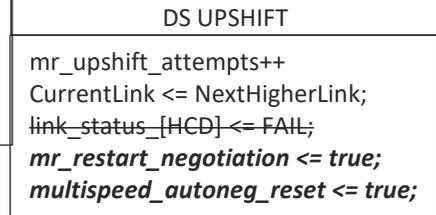
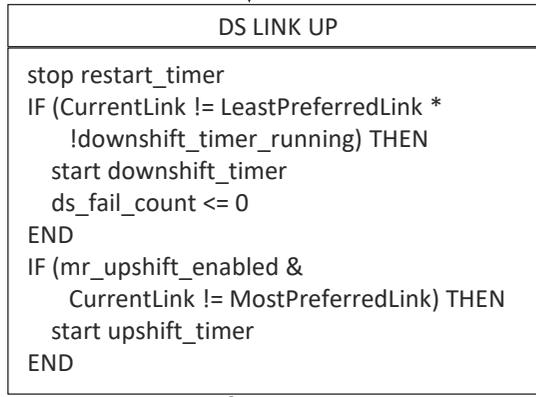
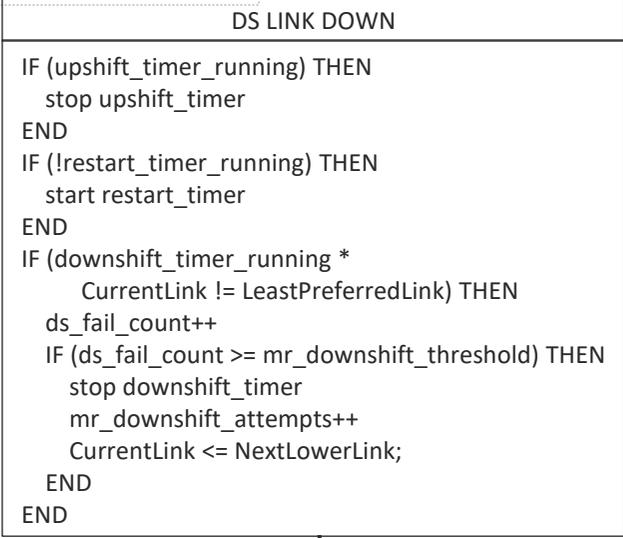


transmit disable true transition

link status ok transition

upshift timer done transition

restart timer done transition \*  
ability\_match=false



Restart Figure 98-7  
(Arbitration state  
diagram ) and Figure 98-  
11(AN speed selection)

***DS IDLE***

***DS IDLE***

***DS IDLE***