

[Modify figure 92-16 thus:]

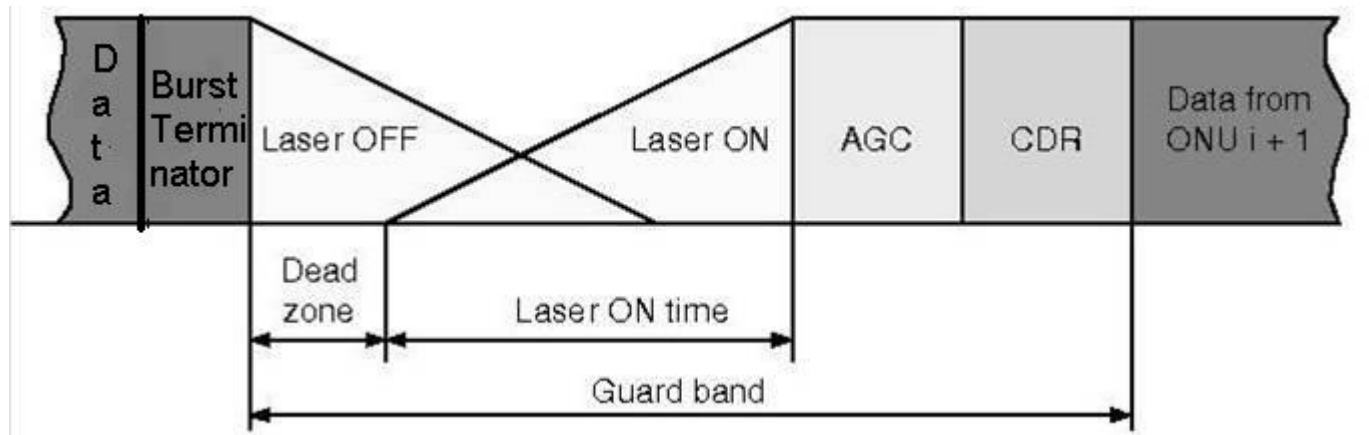


Figure 92-16 – ONU burst transmission termination

[Modify figure 92-19 thus:]

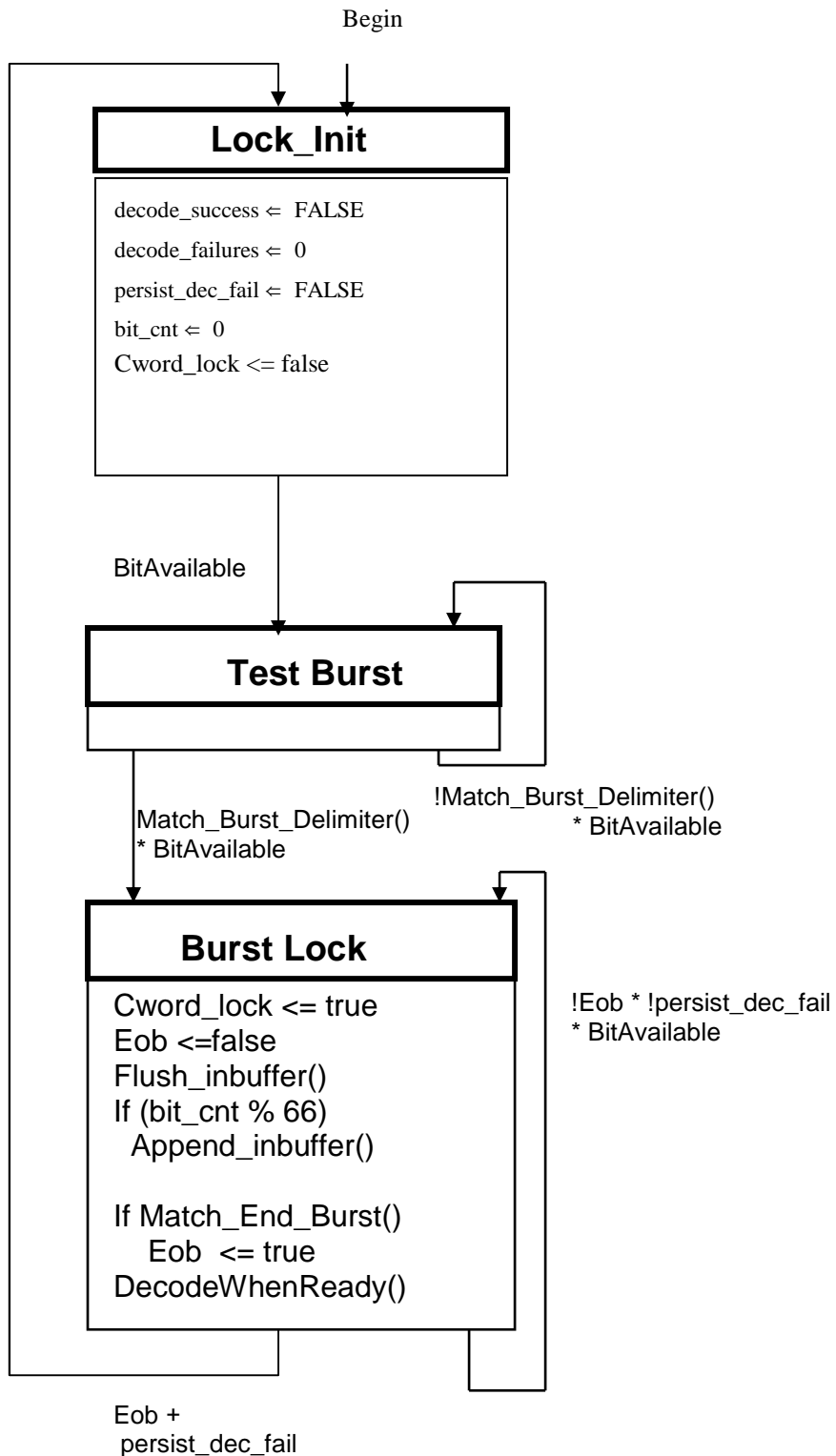


Figure 92-19– OLT Synchronizer state diagram

[Make the following changes to 92.2.3.1.1:]

- Delete *EOB_valid* and *BD_Valid* variables
- Add:

BitAvailable:

Flag that returns true when there exists an unprocessed bit from the PMA

[Add the following functions to 92.2.3.1.3:]

MatchBurstDelimiter():

Returns true when and only when the Hamming Distance between the start-of-burst delimiter and the last 66bits received is 12 or less

Match_End_Burst():

Returns true if and only if precisely 132 bits has been accumulated in the input buffer - and the Hamming Distance between the End-of-Burst Delimiter pattern and the accumulated 132 bits is 14 or less.

[Delete the following text from page 109, lines 19-22:]

“Note that while the burst terminator is part of the ONU burst transmission, the laser-off commences at the beginning of the burst terminator. This is possible because transmitting all zeroes and turning the laser off are equivalent to the same thing: emit no light”

[Add the following constant to 92.2.2.5.1]

EndOfBurst_Delimiter

TYPE: 66-bit unsigned

A 66-bit value used to identify the end of the upstream burst transmissino

Value: 0x 5 55 55 55 55 55 55 55 55

[Make the following modifications to Figure 92-18:]

- Change the contents of the *Transmit_burst_terminator* state
- Move the *Transmit_burst_terminator* state above the *Off* state
- The relevant section of Figure 92-18 will appear thus:

