

OLT-specifiable Sync Pattern and Burst Delimiter

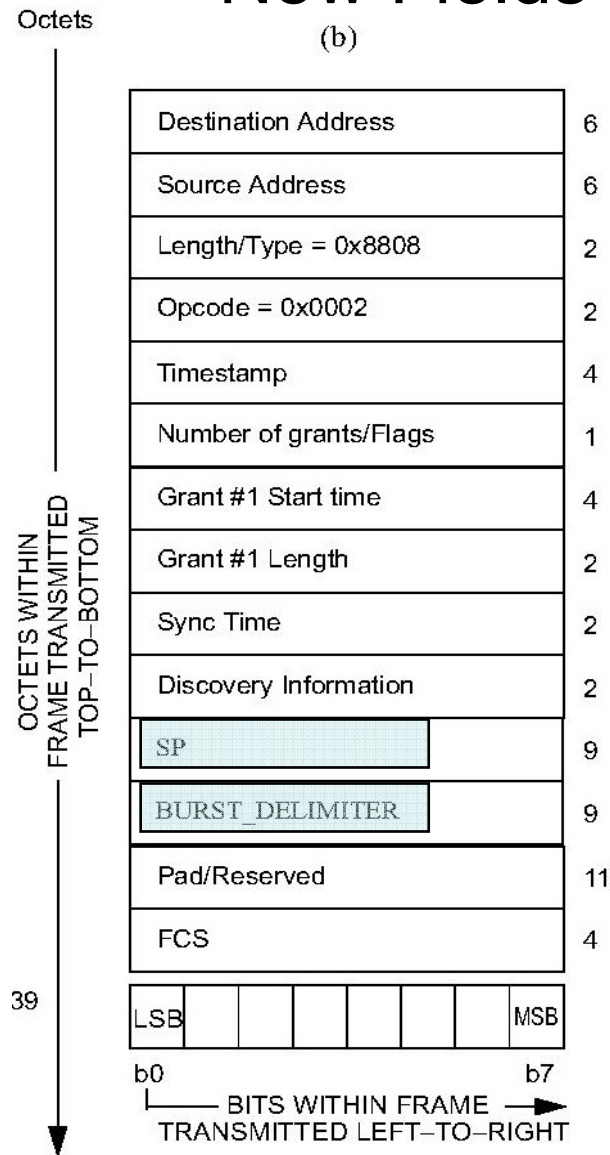
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802.3av Seoul meeting
Sept 2008

Overview of Proposal

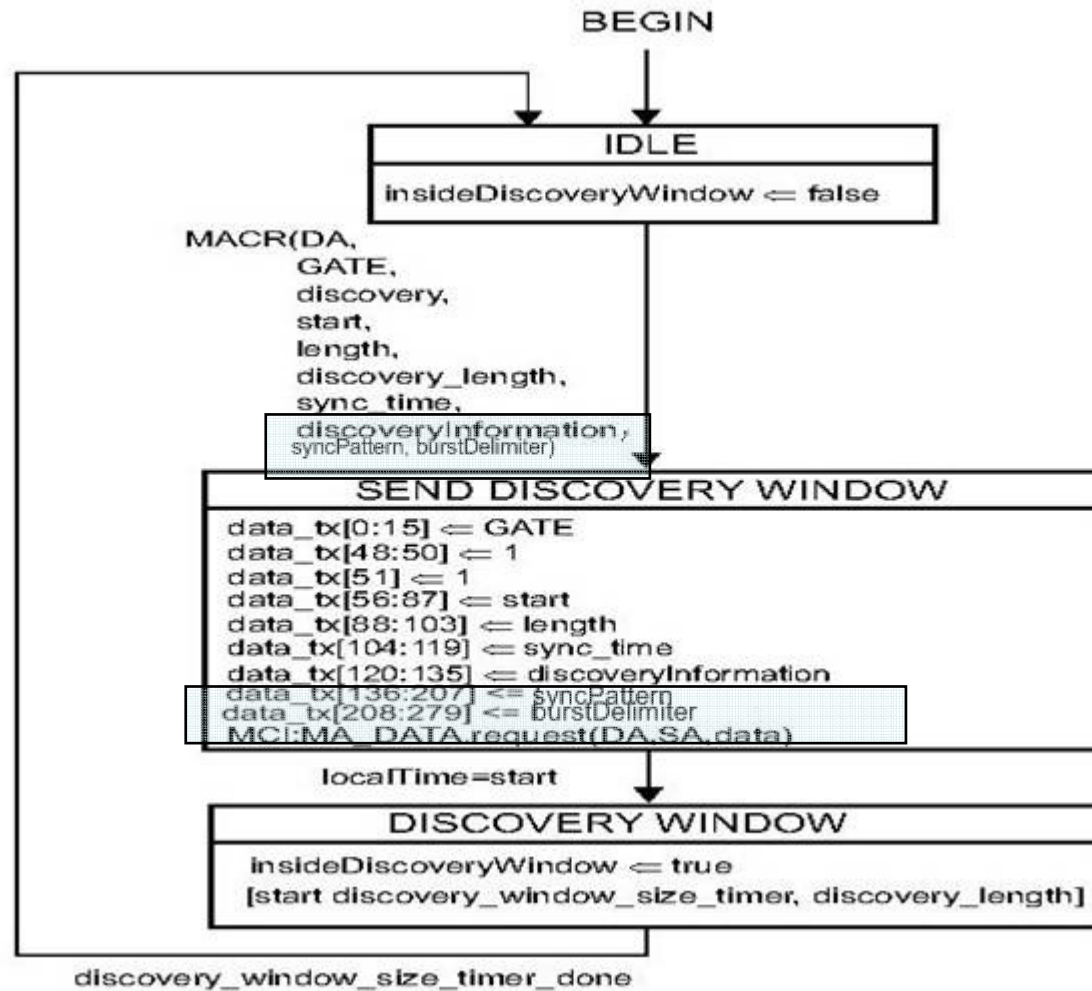
1. Modify Discovery GATE to enable the OLT to specify a 66-bit *Burst Sync Pattern* and 66-bit *Burst Delimiter* suited to its upstream receiver
2. MPCP receives the Sync Pattern and Burst Delimiter from the Discovery GATE and passes it to MAC Control Client for use by lower layer
3. The constants **SP** and **BURST_DELIMITER** in clause 76 will become variables (syncPattern and burstDelimiter).
4. The current constant values of **SP** and **BURST_DELIMITER** are used as default values
5. Cl 45 registers manage these patterns in the OLT

New Fields in Discovery GATE (77-31)



The OLT specifies the Sync Pattern and Burst Delimiter to be used by all ONUs transmitting in the discovery window at 10 Gb/s

Discovery Processing OLT Window Setup State diagram (Fig 77-18)



Gate Processing ONU Programming State diagram (Fig 77-28)

