

# Interface to MAC and impact on MPCP

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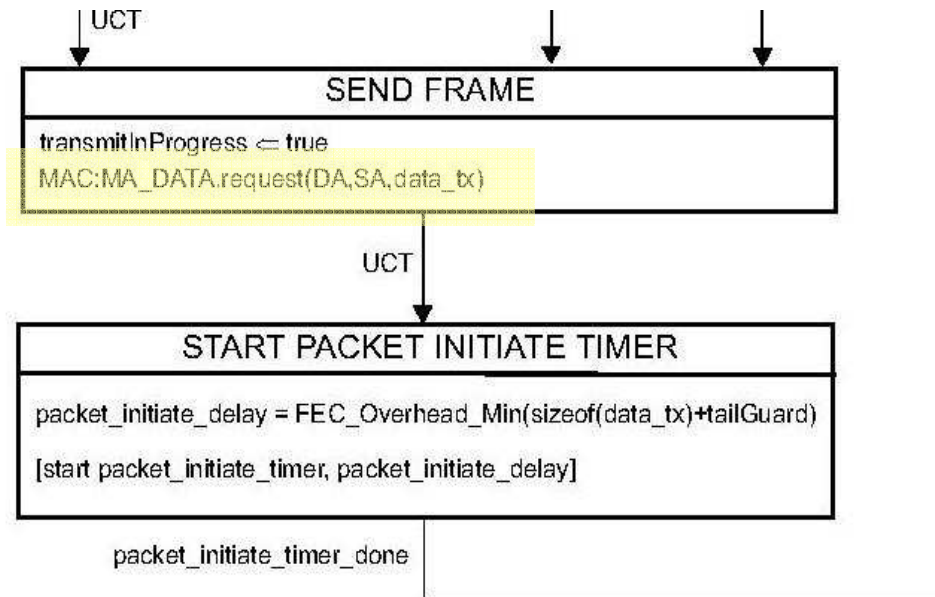
PMC-Sierra

802.3av Denver – July 2008

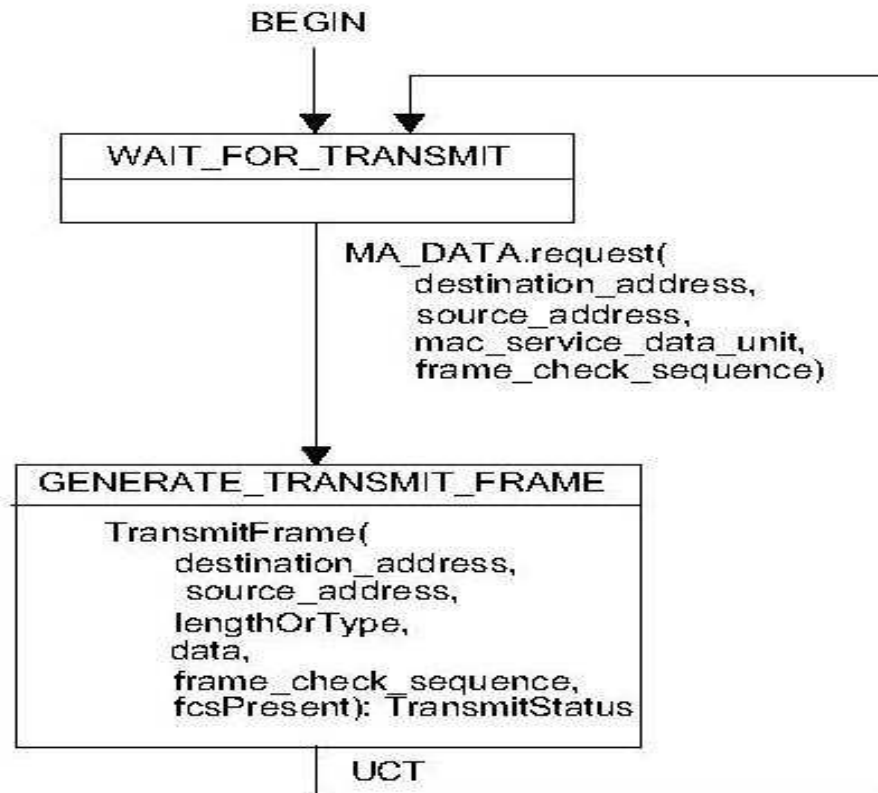
## Background

1. The Task Force has decided to defer the FEC overhead functions, Carrier Sense, and related issues til the September meeting
2. These slides present some new considerations on these issues
3. The Task Force can consider whether these considerations affect the technical completeness of the draft as we approach WG ballot

# MPCP Data Transmission



# State diagram from Clause 4 (802.3av D2.2)



## Impact on MPCP

1. MA\_DATA.Request() has no duration
  - "round\_up((length+tailGuard) / 2)" must be added to the value of packet\_initiate\_timer
2. There is no carrier sense feedback to the MPCP state diagrams
3. MAC behaviour is incorrect if a second Request is started before the first Request is complete
  - FEC\_Overhead() must back off the exactly correct amount (or possibly more)