



# 1904.2 Coverage Gap Analysis

# Straightforward topics



1. ~~Replace "UMT" with a more accurate term~~
2. ~~Add section 6.5 on OAM loopback~~
3. ~~Add section 5.2.3 on UMTPDU format with OMCI subtype~~
4. ~~Add section 7.3 Support of OMCI to describe OMCI protocol-specific behavior~~
5. ~~Add all PICS~~
6. ~~Add section 7.4 on L2 encapsulation behavior~~
  1. ~~Glen~~
7. ~~Add 7.5 on L3 encapsulation or leave L3 encapsulation~~
  1. ~~Glen~~
8. ~~Consistent reference to CTE (singular or plural)~~
  1. ~~Kevin~~
9. ~~Consistent reference to CTE rule types~~
  1. ~~Kevin~~

TF decided that there was no meaningful content that could be added to clarify more than is already in the draft.

1. ~~Decide what examples (use cases) to present in annex 7A. There can be dozens or hundreds of different configurations. We should only show 4-6, IMO.~~
  - ~~Currently, we only show "OAM over UMT use case, UMT-unaware end points"~~
  
2. ~~Sections **6.2 Receive path specification** and **6.3 Transmit path specification**~~
  - ~~Existing text is bad. It just shows some disconnected examples of individual ingress/egress entrance/exit rules. These rules in isolation don't help. A much better way is to show matching entrance and exit rules combined per specific use case (as is done in 7A.1).~~
  - ~~How to specify Rx and Tx path through UMT sublayer?~~
  - ~~Alternative Question: what is missing in Rx and Tx path spec?~~

- ~~□ OAM over UMT use case, UMT-aware end points - GK~~
- ~~□ OAM over UMT use case, UMT-aware end point + UMT-unaware end point - GK~~
- ~~□ OMCI example (1 or more cases) - PK~~
- ~~□ Combined OLT and ONU (ONU is UMT-unaware) use case - KN, PK~~
  - ~~- OAM+OMCI - Done, needs fixes~~
- ~~□ Glen to contribute use case of managing EPON with mix of UMT-aware and UMT-unaware ONUs~~
  - ~~- Kevin to create first draft with single-MAC manager and Glen to add delta for multiple-MAC manager~~
- ~~□ L2 encap example - (OAM Loopback is the example)~~

# Potential material for 6.2 and 6.3

## ~~Semantics of primitives~~

- ~~- OMCI~~
- ~~- VLC PDU~~
- ~~- Reference to MA\_DATA in 802.3~~

1. ~~Define all attributes in 1904.2~~
  1. ~~Glen to provide proposed list of attributes~~
2. ~~Add a statement that existing extOAM PDU or NetConf/SNMP can be used to read/write those attributes (Kevin)~~

~~Needs additional discussion.~~

# VLC Management (Clause 8)

- ~~VLC Management is missing explanation of when a given response type is to be issued (when to send a failure vs success vs no action, etc)~~
  - ~~– Example: What determines a “failure” and what is expected to occur in the VLC client, and sublayer in the station and the NMS when a failure occurs~~
  
- ~~VLC Management is missing any description of the interaction between VLC Client and VLC Sublayer.~~

- ~~Need Object ID for CTE labels~~
  
- ~~Use of field codes (constants) should be replaced with field names (variables) throughout the draft~~
  
- ~~Misc editorials~~
  - ~~– Abstract, Keywords, other front matter, notation for PICS in 3.5~~
  
- ~~Need to fix broken cross references~~



- ~~Discussion and contribution on VLC protocol optionality~~
- ~~Discuss scalability of managing multiple ONUs from a single manager~~



**Thank You**