Dear colleagues,

As a follow up to the IEEE 802.1 liaison (TD234/3) that supported the approach that Recommendation ITU-T G.8023 has taken in referencing IEEE Std 802.3 functionality without attempting to re-describe it in functional modelling, Q10/15 has progressed updates of Recommendations ITU-T G.8021 and G.8012 with a similar approach (referencing IEEE 802 and MEF standards) towards consent in mid-2021.

We recall IEEE 802.1 suggestions in regard to a revision of Recommendation ITU-T G.8021, notably:

- “Regarding clause 6 of G.8021, we would prefer that the defects etc., existing in both 802.1Q and G.8013 are defined by reference in G.8021 rather than re-specified.”
- “Regarding clause 8 of G.8021, we recommend that you replace specification language with references to 802.1Q clauses as G.8023 did for 802.3.”
- “Regarding clause 9, we recommend incorporating G.8021.1 into G.8021 and referencing corresponding 802.1Q functionality to the maximum extent possible.”

This liaison provides an update on recommendations on Ethernet.
1. G.8021

The draft revised Recommendation ITU-T G.8021 in attachment contains updated clauses 6, 8, and 9 that reference corresponding IEEE Std 802.1Q functionality. We believe that the appropriate references are in place to IEEE Std 802.1Q functionality.

For example, in clause 9:

9.3.3.1

VID Mux process
VLAN tag process

9.3.3.2

Frame type filter process
VLAN tag process
VID Demux process
P selector process
DE selector process

We would appreciate your review and confirmation of references to the appropriate IEEE Std 802.1Q subclauses.

2. G.8021.1

Recommendation ITU-T G.8021.1 will be superseded. Clauses 6 and 7 describe Ethernet Services and UNI/NNI. This content is being merged in Recommendation ITU-T G.8012 referencing Recommendation ITU-T G.8011. Clause 8 uses the atomic functions defined in Recommendation ITU-T G.8021 to describe the combinations that align with the set of IEEE Std 802.1Q bridge types. The PB and PEB examples are being merged into Recommendation ITU-T G.8021 (in a new Annex planned to be referenced at the beginning of clause 9).

We would appreciate your review of the merge in attached Recommendations ITU-T G.8012 and G.8021.

3. G.8012

The draft revised Recommendation ITU-T G.8012 focuses on the UNI and NNI aspects for Ethernet MAC (ETH) and PHY (ETY) into other transport technologies.

4. G.8012.1

Recommendation ITU-T G.8012.1 will be superseded. All relevant content is merged into draft revised Recommendation ITU-T G.8012.
We would appreciate your review of the merge in attached Recommendation ITU-T G.8012.

Please note that these documents are work in progress and should not be shared outside of your organization.

ITU-T SG15 would like to express its appreciation for the continued useful exchange of information on Ethernet standards and looks forward to further interaction between our organizations.


*Attachments:* *TD687/3 and TD682/3.*