

Title: Liaison response to ITU-T SG15 LS-332
From: IEEE 802.1
For: Information
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Thank you for your liaison COM 15 – LS 332. We are grateful for the update on the work Q13/15 is doing and we appreciate your interest in IEEE P802.1CM.

Synchronization is a key aspect being considered by P802.1CM; however, P802.1CM is not planning to develop either its own synchronization techniques or its own IEEE 1588 profiles, but is rather looking at existing solutions and, in particular, existing IEEE 1588 profiles (or profiles under development) that could meet the fronthaul requirements. Therefore, the P802.1CM project looks with interest at the work that Q13/15 is doing and may consider it as input to P802.1CM as it progresses.

We have noted your questions. In particular, the applicable timing and synchronization requirements are currently under study in collaboration with the CPRI Cooperation. Similarly, the architectures that need to be addressed (e.g., number of hops between the Radio Equipment Controller site and the Radio Equipment) are also under investigation. We will provide you with updates when details are available. Note further that the current focus of P802.1CM is the functional split specified by CPRI 7.0; nonetheless, P802.1CM is authorized to work on future new splits and fronthaul architectures.

We look forward to further cooperation between our organizations.