Title:	Liaison response to ITU-T SG15 LS-54
From:	IEEE 802.1
For:	Action
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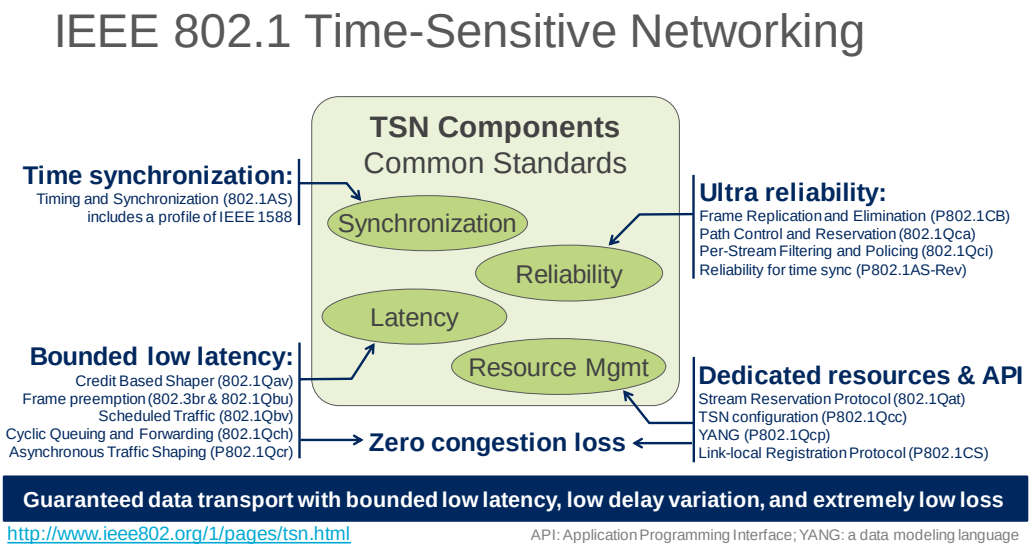
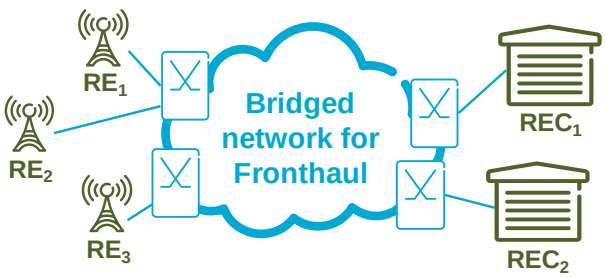
To:	ITU-T Study Group 15, tsbsg15@itu.int Malcolm Betts, malcolm.betts@zte.com.cn Glenn Parsons, glenn.parsons@ericsson.com
For:	Information
Cc:	ITU-T SG13 WP1, JCA-IMT2020, CPRI Cooperation, NGMN, MEF, BBF, IETF
Date:	July 13, 2017

Dear Colleagues,

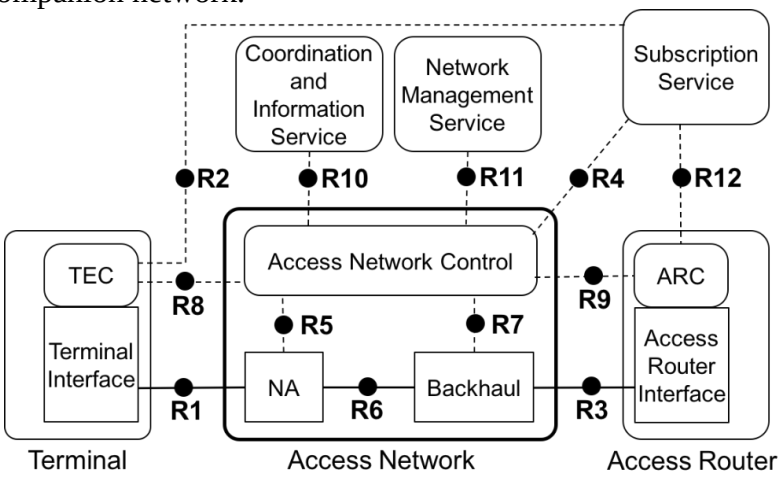
Thank you for your liaison letter ITU-T SG15 LS 54 on transport for 5G. We would like to inform you that multiple IEEE 802.1 standards and ongoing projects are relevant for 5G transport. Most of these standards are being developed in the Time-Sensitive Networking (TSN) Task Group, e.g., IEEE 802.1Qbv Enhancements for Scheduled Traffic, IEEE 802.1Qci Per-Stream Filtering and Policing, IEEE 802.1Qch Cyclic Queueing and Forwarding, and IEEE 802.1CB Frame Replication and Elimination.



As a collaborative effort with CPRI Cooperation, the ongoing P802.1CM TSN for Fronthaul project specifies TSN Profiles in order to enable IEEE 802.3 Ethernet-based transport for fronthaul interfaces. The P802.1CM project is currently working on the support for CPRI and eCPRI; further functional decompositions and fronthaul architectures may be addressed in the future.



Additionally, the P802.1CF Network Reference Model and Functional Description of IEEE 802 Access Network project is working on an integrated description of an IEEE 802 technology-based solution for a 5G companion network.



We suggest that you incorporate reference to applicable IEEE 802.1 standards and technologies in your report on 5G transport.

Respectfully submitted,
Glenn Parsons
Chair, IEEE 802.1 WG