

Title: Liaison response to NGMN
From: IEEE 802.1
For: Information
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To: NGMN
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Dear Colleagues,

Thank you for your liaison letter dated 19th October 2017 announcing the establishment of the NGMN 5G RAN functional split Work-Programme, Requirements and Architecture. The IEEE 802.1 Working Group welcomes your invitation for cooperation on this work area.

A brief summary of the ongoing work in IEEE 802.1 in the area of 5G transport has been shared in the Liaison letter dated July 13, 2017: <http://www.ieee802.org/1/files/public/docs2017/liaison-response-ITU-T-SG15-LS54-0717-v01.pdf>.

Our ongoing IEEE P802.1CM Time-Sensitive Networking for Fronthaul project in the IEEE 802.1 Time-Sensitive Networking (TSN) Task Group is relevant to your work in fronthaul. We would like to share with you its scope and status.

The P802.1CM objective is to specify bridged transport networks over IEEE Std 802.3 Ethernet for the transport of fronthaul traffic, including user data, and control & management (C&M) data. The work includes the fronthaul interfaces where the split of the radio base station is according to the Common Public Radio Interface (CPRI 7.0) specification, and the intra-PHY splits are specified by the eCPRI V1.0 fronthaul interface specification. P802.1CM has completed its first Working Group ballot on draft 1.0. We can share a draft specification of P802.1CM if you are interested. IEEE 802.1 may address future new splits, e.g., in an amendment to 802.1CM.

The next IEEE 802.1 face to face meeting is from January 22nd to 26th, 2018 in Geneva, Switzerland.

The web page of the project is <http://www.ieee802.org/1/pages/802.1cm.html>.

Best regards,
Glenn Parsons
Chair, IEEE 802.1 WG