To: CPRI cooperation

From: Glenn Parsons, Chair, IEEE 802.1

Date: November 2014

Colleagues,

IEEE 802.1 TSN (Time Sensitive Networking) Task Group is progressing a new generation of protocols to support orders of magnitude more reliable time-sensitive networking, with better time synchronization, dramatically improved deterministic delays, and scalability to larger network configurations.

We would like to draw your attention to several presentations that have been made to IEEE 802.1 TSN this year on CPRI:

July 2014 - CPRI “FrontHaul” requirements

<http://www.ieee802.org/1/files/public/docs2014/new-ashwood-tsn-cpri-fronthaul-0714-v03.pdf>

September 2014 - Mobile networks: Transport Impacts

<http://www.ieee802.org/1/files/public/docs2014/new-irvine-mobile-networks-fronthaul-0914.pdf>

November 2014 - CPRI “FrontHaul” requirements - simulations

<http://www.ieee802.org/1/files/public/docs2014/new-ashwood-tsn-cpri-fronthaul-1101-v01.pdf>

We believe that the TSN improvements would result in improving Ethernet networks such that they could meet the latency requirements of transporting CPRI. However, to confirm this we would benefit from your radio expertise to help us fully understand the CPRI constraints.

We look forward to working with you.