Source: **IEEE 1914 Next Generation Fronthaul Interface (NGFI) Working Group**[1]

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Subject: **Formation of IEEE 1914 Next Generation Fronthaul Interface Working Group**

            Approved at IEEE 1914 Working Group virtual meeting, June, 1, 2016.

Dear Colleagues,

IEEE 1914 Next Generation Fronthaul Interface (NGFI) Working Group was formed recently to develop IEEE 1914.1 Standard for Packet-based Fronthaul Transport Networks. The scope of this project includes

1. Transport network architecture for the transport of mobile fronthaul traffic (e.g., Ethernet-based), including user data, management and control plane traffic.
2. Requirements and definitions for the fronthaul networks, including data rates, timing and synchronization, quality of service etc.

Additionally the project will analyze functional partitioning schemes between Remote Radio Units (RRUs) and Base-Band Units (BBUs) that improve fronthaul link efficiency and interoperability on the transport level, and that facilitate the realization of cooperative radio functions, such as massive

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[1] This document solely represents the views of the IEEE 1914 Working Group, and does not necessarily represent a position of the IEEE, the IEEE Standards Association, or IEEE Communications Society.

Multiple-Input-Multiple-Output (massive MIMO), Coordinated Multi-Point (CoMP) transmission and reception.

IEEE 1914 Working Group is aware that the fronthaul-related study is covered and ongoing under your organization. We would appreciate if you could inform us of your current progress, working scope, and the timeline of the related studies.

We look forward to seeking close collaboration with you in the future.

More information about the IEEE 1914 WG, including the approved PAR for IEEE P1914.1 project, is available at http://grouper.ieee.org/groups/1914/ .

Truly yours,

Jinri Huang, Chair, IEEE 1914 Next Generation Fronthaul Interface Working Group

Information on upcoming IEEE 1914 NGFI meetings will be posted at http://grouper.ieee.org/groups/1914/meeting-information.html.