

Source: **IEEE 1914 Next Generation Fronthaul Interface (NGFI) Working Group¹**

To: O-RAN, 3GPP RAN3, NGMN, TTA, SCF, MEF, ITU-T SG15/Q13, BBF, 5G-XHAUL, 5G-CROSSHAUL, IEEE P802.1CMde

From: Jinri Huang, Chair, IEEE 1914 Next Generation Fronthaul Interface Working Group
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Subject: **Commencement of IEEE P1914.3a Amendment**

Dear Colleagues,

With this liaison, I would like to notify you of the commencement of the IEEE P1914.3a project, which is an amendment to IEEE Std 1914.3TM-2018, Standard for Radio over Ethernet Encapsulations and Mappings. This project is scoped to amend the base standard with the following:

- Specifications for mapping with UDP/IPv4 and UDP/IPv6 encapsulation layers
- Specification of more parameters, control messages, and mechanisms to improve OAM functions
- Specification of a management model
- Specification of a mechanism for segmenting big messages
- Extension of CPRI structure-aware mapping to the frequency domain
- Elaboration on how the rbMap function can be used to send data with different priorities
- Clarification on the relationships between all parameters of the standard

The projected date for sponsor balloting is Dec 2019 and that for IEEE RevCom submission is Aug 2020. The Project Authorization Request for the IEEE P1914.3a project can be found in the P1914.3 section of the IEEE 1914 Working Group web-site at <http://sites.ieee.org/sagroups-1914/p1914-3/>.

We are happy to receive any questions, suggestions, or contributions to this project. Please contact me if you have any. As well, we might reach out to you if we have questions in your area of expertise.

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

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.