

MEF

Title: Liaison on new project on Transport for 5G Mobile Networks

Date: January 2017

Location: Long Beach, California

Contacts: liasons@mef.net

Nan Chen, President MEF (nan@mef.net)

Raghu Ranganathan, TOC Co-Chair (rraghu@ciena.com)

Shahar Steiff, TOC Co-Chair (shahar@mef.net)

To: ITU-T SG15

ITU-T TSB tsbsg15@itu.int

ITU-T SG13

ITU-T TSB tsbsg13@itu.int

ITU-R WP5C

ITU-R BR sergio.buonomo@itu.int

3GPP RAN3

Juha Korhonen, Secretary juha.korhonen@etsi.org

IEEE 802.1

Glenn Parsons, chair glenn.parsons@ericsson.com

Broadband Forum

Technical Committee Chair, Michael.Fargano@CenturyLink.com

Small Cell Forum

Julius Robson julius@smallcellforum.org

Copy : Kevin Vachon, COO MEF kevin@mef.net

From: MEF Forum

At its January 2017 quarterly meeting, the MEF Forum has approved the initiation of a new project that will be an amendment to the MEF Mobile Backhaul Implementation Agreement.

All MEF specifications, are available on our website:

<https://www.mef.net/carrier-ethernet/technical-specifications>

The amendment on “Transport for 5G Mobile Networks” is a Phase 4 deliverable of the MBH project. The project will enhance mobile backhaul using Carrier Ethernet for new 5G use cases (e.g., network slicing), but will also add support for mobile fronthaul over Carrier Ethernet (e.g., in support of eCPRI). As a secondary optional scope, we will look to support all 5G transport requirements (i.e., multiple instances of mobile backhaul and/or fronthaul) over the same Carrier Ethernet network or service (e.g., with traffic separation, QoS, etc.) We are targeting letter ballot (final approval) in 2019 for this amendment.

We would welcome requirements for the transport network in support of 5G / IMT-2020.

The MEF meets next:

- April 24-27, 2017 – Frankfurt, Germany
- July 24-27, 2017 – Toronto, Canada
