

Promoting IEEE 1914

Richard Tse, Microsemi

Dec 5-7, 2017

Suzhou, China



Compliance with IEEE Standards Policies and Procedures

Subclause 5.2.1 of the *IEEE-SA Standards Board Bylaws* states, "While participating in IEEE standards development activities, all participants...shall act in accordance with all applicable laws (nation-based and international), the IEEE Code of Ethics, and with IEEE Standards policies and procedures."

The contributor acknowledges and accepts that this contribution is subject to

- The IEEE Standards copyright policy as stated in the *IEEE-SA Standards Board Bylaws*, section 7, <http://standards.ieee.org/develop/policies/bylaws/sect6-7.html#7>, and the *IEEE-SA Standards Board Operations Manual*, section 6.1, <http://standards.ieee.org/develop/policies/opman/sect6.html>
- The IEEE Standards patent policy as stated in the *IEEE-SA Standards Board Bylaws*, section 6, <http://standards.ieee.org/guides/bylaws/sect6-7.html#6>, and the *IEEE-SA Standards Board Operations Manual*, section 6.3, <http://standards.ieee.org/develop/policies/opman/sect6.html>

IEEE 1914
Next Generation Fronthaul Interface
Jinri Huang, huangjinri@chinamobile.com

Promoting IEEE 1914

Date: 2017-12-7

Author(s):

Name	Affiliation	Phone [optional]	Email [optional]
Richard Tse	Microsemi		Richard.Tse@Microsemi.com

Promotion of 1914

- We must promote P1914.1 and P1914.3 to ensure the industry adopts them for use
- Some ways this can this be done:
 - Send liaisons and drafts to other SDOs
 - Create Wikipedia pages
 - Give presentations at conferences and at other SDOs
 - Post passing of sponsor ballot on electronic industry news (e.g. Light Reading, RCR Wireless News)
 - What others?

Ideas for IEEE 1914.3 Wikipedia page

- Show current status of the standard's development
- Show frame format
- Show 1914.3's common header
- List subType values
- Describe how seqNum and timeStamp are used
- Briefly describe the mapping modes and their relationship to 3GPP's functional splits
 - Structure Agnostic (tunneling and line-code aware)
 - Structure Aware
 - Native Time Domain
 - Native Frequency Domain
- Show RoE data rates relative to example CPRIs

Ideas for IEEE 1914.1 Wikipedia page

- List the major topics that will be specified by the standard, without much detail
 - Reference architectures
 - Transport Classes
 - Latency Requirements
 - Network Slicing
 - Support for legacy deployments
 - Synchronization
 - OAM
 - Etc..
- Show the current status of the standard

Motion #1

- Create Wikipedia page for IEEE 1914.3.
- Mover:
- Seconder:
- Yes: _____ No: _____ Abstain: _____