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| Minutes of the 10 January 2018 NEND teleconference | | | |
| **Date: 2018-01-15** | | | |
| **Author(s):** | | | |
| **Name** | **Affiliation** | **Phone** | **email** |
| Walter Pienciak | IEEE |  | w.pienciak@ieee.org |

## Abstract

Minutes of the IEEE 802 Network Evolution for the Next Decade Industry Connections teleconference on January 10, 2018.

Chair: Glenn Parsons

Recording secretary: Walter Pienciak

## Call to order

Meeting was called to order by chair at 08:00 AM US/Eastern Standard Time.

The meeting was guided by the chair’s slide set, available on mentor at <https://mentor.ieee.org/802.1/dcn/18/1-18-0001-00-ICne-january-2018-agenda.pdf>

## Minutes

Walter Pienciak volunteered to take notes.

## Attendance

Participation was recorded through the join.me list of call participants.

Unidentified call participants were asked to identify themselves via e-mail to Glenn Parsons or Walter Pienciak.

* No e-mails were received, though approximately 10 unidentified participants were on the call for some or all of it.

Affiliations, when unstated on the join.me attendance list, were picked up from previous attendances.

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| --- | --- |
| **Name** | **Affiliation** |
| Congdon, Paul | Tallac Networks; Huawei |
| Ellegaard, Lars | Microsemi |
| [Essler, Florian](mailto:yfang@ztetx.com) | Beckhoff |
| [Gafni, Barak](mailto:janos.farkas@ericsson.com) | Mellanox |
| [Hopf, Daniel](mailto:mark.gravel@hpe.com) | Continental |
| Itaya, Satoko | NICT |
| Kojima, Fumihide | NICT |
| Koto, Hajime | NICT |
| Marks, Roger | EthAirNet |
| Maruhashi, Kenichi | NEC |
| McBeath, Tom | Forthgem |
| Ohsawa, Tomoki | NICT |
| Ohue, Hiroshi | Panasonic |
| [Parsons, Glenn](mailto:mark.gravel@hpe.com) | Ericsson |
| [Pienciak, Walter](mailto:shaddock@stanfordalumni.org) | IEEE |
| Qui, Wayne | Huawei |
| Sambasivan, Sam | AT&T |
| [Sugiyama, Keizo](mailto:mrhantel@ra.rockwell.com) | ATR |
| [Wang, Hao](mailto:ahase@atr.jp) | Fujitsu |
| [Yu, Yolanda](mailto:hiertz@ieee.org) | Huawei |
| Zein, Nader | NEC |

## Introduction

Glenn Parsons provided a brief introduction to join.me.

## IEEE WG Guidelines

The chair presented the mandatory IEEE SA guideline slides.

## Agenda approval

Glenn introduced his agenda proposal, which was approved without requests for addition or change.

* https://mentor.ieee.org/802.1/dcn/18/1-18-0001-00-ICne-january-2018-agenda.pdf

## Background review

Glenn led a background review of NEND and its goals.

* Review of NEND operating practices.
* Deliverables for Industry Connections (IC) activities vary by activity.
* Summary of 802.3 IC structure and role in 802.3 activity.
* No template exists or is required for IC documents or output.

## Contributions

Nader Zein presented "Flexible Factory IoT"

* <https://mentor.ieee.org/802.1/dcn/18/1-18-0002-01-ICne-draft-report-wired-wireless-flexible-factory-iot.doc>
* A discussion followed on potential additions to the report.

Paul Congdon presented "Review of the Lossless Network for Data Centers"

* <https://mentor.ieee.org/802.1/dcn/18/1-18-0003-00-ICne-review-of-the-lossless-network-for-data-centers.pdf>
* Paul asked the general question: What is needed to create a NEND contribution from this base?

Glenn commented:

* + Need list of individual supporters rather than entities.
  + Perhaps break out separate reports for possible future technologies.
  + Closer/more tie-in to existing in-scope IEEE 802 technologies.
* Suggestion to consider silicon photonics in data centers.

## Actions/Next steps:

Glenn reviewed schedule for future meetings:

* 802 plenaries
  + Tuesday evening
* Conference calls
  + Wednesdays, 8am US/Eastern Standard Time (5AM PT, 10PM in Japan)
  + Feb 14th
    - Will be cancelled if there are no agenda requests.

Glenn reviewed potential areas for consideration:

* Greater connections with customers of IEEE 802 technologies
* Requirements of various operators
* IOT (including Smart grid IOT)
* Factory automation
* Future wireless networks
* Learning possibilities
* High performance communications
* Cable industry requirements and evolution
* Mobile and constrained devices
* Data Center networking
* Tactile networks
* New user domains

A request was made for any unidentified/unnamed attendees to e-mail either Glenn or Walter (no e-mails were received).

## AOB

No other topics were brought up.

Meeting was adjourned by chair at 10:00 AM US/Eastern Standard Time.