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| Minutes, Nendica Meeting, 6 March 2016 |
| **Date: 2018-03-19** |
| **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 (Nendica) meeting in Rosemont, IL, March 6, 2018.

Chair: Glenn Parsons, Roger Marks

Recording secretary: Walter Pienciak

## Call to order

Glenn Parsons began speaking at 19:34 local time.

He announced that Roger Marks has volunteered to lead the activity, and that he is happy to announce that Roger will lead the Nendica group going forward. Roger took over the mike at that point, as incoming chair, to run the meeting.

## Minutes

Walter Pienciak took notes.

## Introduction

Roger noted that he will use the term Nendica (Network Enhancements for the Next Decade Industry Connection Activity) for the group.

He noted that Glenn has done a great job leading the group and getting it to this point.

Roger commented that he has some proposals about how the group can be a bit more formal and progress the work.

## Activity guidelines

Roger presented an introductory slide set:

<https://mentor.ieee.org/802.1/dcn/18/1-18-0015-00-ICne-nendica-meeting-overview-and-agenda-2018-03-06.pptx>

including meeting guidelines (slide 2) and participation (slide 3).

## Agenda approval

Roger presented the proposed agenda (slide 4).

Roger pointed out that the agenda proposed to first address process issues, and he noted the meeting may run past 21:30.

He asked for comments on the agenda. Yin Yue mentioned that he would present document 0012 on behalf of Jianglong Wang, who could not attend. The agenda was then approved as proposed, without objection.

##

## Background review and current activity

Roger led a review of Nendica, per slides 5-7. He noted that the ICA could be extended beyond the current March 2019 expiration and that the group should be thinking about such an extension by the end of the year if it looks to be moving in that direction.

## Report Progression Process

Roger then presented his Proposed Nendica Report Progression Process:

<https://mentor.ieee.org/802.1/dcn/18/1-18-0016-00-ICne-proposed-nendica-report-progression-process.pptx>

This proposed to formalize the development of the NEND ICA report as a set of deliverables on specific topics. It suggested that work be organized as a set of semi-autonomous Work Items leading to Nendica Reports. The intentions are to steer the activity toward the production of high-quality documentation of significance, and to stimulate the engagement of interested parties in both the Work Item and Nendica as a whole.

The proposal included numerous procedural details for initiating Work Items and approved Nendica Reports. It indicated that new Work Items could be initiated by Nendica vote at a face-to-face meeting. It proposed that the two ongoing efforts (Flexible Factory IoT and Lossless Network for Data Centers) be recognized as approved Work Items.

Roger made the point that the IEEE copyright statement on the recently supplied template means that IEEE approval must be sought before public circulation of copyrighted report drafts by the group. Marks indicated that he will consult with IEEE staff.

Marks asked for discussion. No objections were raised regarding the proposals. Nader Zein asked about the template for documents already in process. Roger said the existing template can be continued, perhaps with some header modification to include the Nendica document number.

**Request for Nendica IEEE-SA advisor**

Roger presented a contribution regarding a Nendica IEEE-SA Advisor:

<https://mentor.ieee.org/802.1/dcn/18/1-18-0017-00-ICne-request-for-nendica-ieee-advisor.pptx>

Roger pointed out some relevant details from the group’s ICAID (authorization documents) approved by the IEEE-SASB on 23 March 2017, and also quoted from from the ICCom Operations Manual.

Roger presented a proposed request to have Walter Pienciak be appointed as the Nendica IEEE-SA Advisor.

Nader Zein made a motion “To authorize the Nendica Chair to request cognizant IEEE staff to appoint Walter Pienciak as the Nendica IEEE-SA Advisor”; Paul Congdon seconded. Roger offered the opportunity for discussion; no one spoke up. The vote was taken: (Y/N/A) 29/0/0.

Glenn clarified he needs to make the request because he is named in the ICAID as the contact.

## Proposed Nendica meeting schedule

Roger presented the proposed Nendica meeting schedule.

<https://mentor.ieee.org/802.1/dcn/18/1-18-0018-00-ICne-proposed-nendica-meeting-schedule.ppt>

with the following schedule:

Face to face:

* Week of 7 May in Warsaw, co-located with IEEE 802 wireless interim
* Week of 21 May in Pittsburgh, co-located with IEEE 802.1 and 802.3
* Week of 8 July in San Diego, co-located with IEEE 802 Plenary
* Tuesdays preferred

Teleconference:

* Next teleconference will be 11April, at 8:00AM US/Eastern time.
* Others to be determined

Additional work item teleconferences may be added with a 10-day notice to the Nendica e-mail reflector.

Joseph Levy raised the question of remote/web participation. Roger indicated he thought it might be possible, given the nature of the group. Subsequent discussion exposed no potential issues other than local logistics.

Marks indicated that he would coordinate with the organizers of the May interims sessions and attempt to secure suitable facilities.

## Work Item Contributions

Nader Zein presented the current draft of the “Flexible Factory IoT” Work Item: <https://mentor.ieee.org/802.1/dcn/18/1-18-0002-04-ICne-draft-report-wired-wireless-flexible-factory-iot.pdf>

* He spoke about recent and anticipated additions to the report.
* He pointed out the notation of using text boxes for editor’s notes/comments and clarified that they are not part of the report.

Roger noted that, in the interests of time, further discussion on the presentation should be taken up with Nader outside the meeting.

Paul Congdon presented “Lossless Networks for Data Center Report Update.”

<https://mentor.ieee.org/802.1/dcn/18/1-18-0019-00-ICne-lossless-networks-for-data-center-report-update.pdf>

* Latest draft of that report is <https://mentor.ieee.org/802.1/dcn/18/1-18-0007-02-ICne-draft-report-lossless-data-center-networks.pdf>
* Presentation included a list of the work’s contributors/supporters.

Roger suggested that discussion on the presentation should be taken up with Paul outside the meeting.

## Technical Contributions

Li Jie presented “Standard and Industry Progress of Lossless Network in China.”

<https://mentor.ieee.org/802.1/dcn/18/1-18-0014-00-ICne-standard-and-industry-progress-of-lossless-network-in-china.pdf>

Guo Liang presented “Application Scene of Lossless Network.”

<https://mentor.ieee.org/802.1/dcn/18/1-18-0013-01-ICne-application-scene-of-lossless-network.pdf>

* Some discussion ensued regarding the Storage Traffic slide and the “packet size” data presented there.

Yin Yue presented “China Telecom’s Demand & Practice in the Lossless DC Network.”

<https://mentor.ieee.org/802.1/dcn/18/1-18-0012-00-ICne-china-telecom-s-demand-practice-in-the-lossless-dc-network.pdf>

## AOB

A new attendee asked where these presentations could be found. Roger described the process of finding the Nendica documents on mentor.ieee.org at <https://mentor.ieee.org/802.1/documents?is_group=ICne>.

He then made some brief closing comments about moving the two existing reports forward, and encouraged discussion regarding new or existing topics or approaches.

The chair closed the meeting at 21:21.

## Attendance

43 individuals, logged in or referenced as attending per minutes.

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| **Name** | **Affiliation** |
| Anago, Richard | Ministry of Development of Digital Economy and Post, Burkina Faso |
| Belliardi, Rudy | Schneider Electric; IEC TC 65 |
| Canchi, Radhakrishna | Kyocera International Inc. |
| Chen, Feng | Siemens AG |
| Congdon, Paul | Tallac Networks; Huawei |
| Das, Subir | Applied Communication Sciences |
| Emmelmann, Marc | Self |
| Fan, Xiaojing | Fujitsu Research & Development Center |
| Fang, Yonggang | ZTE TX Inc |
| Godfrey, Tim | Electric Power Research Institute, Inc. (EPRI) |
| Guo, Liang | CAICT\* |
| Hasegawa, Akio | Advanced Telecommunications Research Institute International (ATR) |
| Jeong, SangKwon | JoyFun Inc. |
| Kabra, Lokesh | Synopsys, Inc. |
| Karl, Michael | Marvell Semiconductor, Inc. |
| Kitazawa, Shoichi | Muroran IT |
| Lee, Hyeong Ho | Netvision Telecom Inc. |
| Levy, Joseph | InterDigital, Inc. |
| Li, Jie | CAICT\* |
| Marks, Roger | Huawei |
| Matabishi, Lloyd | Zambia Information and Communications Technology Authority (ZICTA) |
| McMillan, Larry | Western Digital Corporation |
| Oh, Minseok | Kyonggi University |
| Ohori, Fumiko | National Institute of Information and Communications Technology (NICT) |
| Ohsawa, Tomoki | NICT |
| Parsons, Glenn | Ericsson AB |
| Pienciak, Walter | IEEE |
| Qiu, Wei | Huawei Technologies Co., Ltd |
| Sakata, Ren | TOSHIBA Corporation |
| Sato, Atsushi | Yokogawa Electric Corporation |
| Shen, Li | Huawei Technologies Co., Ltd |
| Sun, Liyang | HUAWEI |
| Sun, Wenhao | Huawei Technologies Co., Ltd |
| Takazoe, Tomoki | Panasonic Corporation |
| Thaler, Patricia | Broadcom Limited |
| Umutoni, Yvonne | Rwanda Utilities Regulatory Authority |
| Wang, Hao | Fujitsu Research & Development Center |
| Wang, Xinyuan | Huawei Technologies Co. Ltd |
| Yamaura, Takahiro | Toshiba |
| Yin, Yue | Huawei Technologies Co., Ltd |
| Yano, Kazuto | Advanced Telecommunications Research Institute International (ATR) |
| Zein, Nader | NEC Corporation |
| Zhang, Yun | Huawei Technologies Co. Ltd |

\*Affiliation inferred rather then declared.