IEEE 802 Technical Coherence sub ad hoc

meeting notes of 2021-07-09, 11:00-12:00 ET

notes by Roger Marks

The sub ad hoc chair, Roger Marks, called the electronic meeting to order at 11:00 ET.

Participants: Benjamin Rolfe, Jon Rosdahl, Joseph Levy, Tuncer Baykas, Geoff Thompson, Hiroki Nakano, Glenn Parsons, Jay Holcomb, Jessy Rouyer, Michael Cowan, Paul Nikolich, Roger Marks

Marks agreed to record minutes.

Marks reviewed the minutes ([802-ec-21-0142-01-00EC](https://mentor.ieee.org/802-ec/dcn/21/ec-21-0142-01-00EC-technical-coherence-sub-ad-hoc-22jun2021-notes.docx)) of the prior Technical Coherence sub ad hoc meeting, of 2101-06-22, noting that they recorded that “After some discussion, there was unanimous consensus among those present that the proposal is a solid basis on which to continue preparation of revision PAR for IEEE Std. 802,” referring to this proposal:

* A project to revise IEEE Std 802 should be initiated.
* The project should be charged with ambitious but documented goals.
* The goals should be specified in a consensus report to accompany the PAR.
* The report and PAR could be generated by a focused pre-PAR activity, conducted in, for example, a Study Group or an Industry Connections Activity such as Nendica.

No comments were raised regarding the minutes.

Marks noted that, the prior day, Nendica had reviewed the situation regarding the IEEE Std 802 revision in conjunction with a proposal, in development since March, to initiate a new Study Item on “Evolving IEEE 802 Architecture Requirements” ([802.1-21-0014-012-ICne](https://mentor.ieee.org/802.1/dcn/21/1-21-0014-02-ICne-potential-nendica-study-item-evolving-ieee-802-architecture-requirements.pdf)).  The participants there had agreed that 802 would “benefit from a Nendica Study Item on Evolving IEEE 802 Architectural Requirements, leading to a formal Nendica Report or an informal report". Nendica participants had noted that a critical issue would be to attract participation by the right individuals; it had been noted that Nendica maintains no membership roster and everyone can participate equally. It was suggested at the Nendica meeting to make clear that the architectural issues are not academic but that they address a real market need; for example, people designing a communication network for a factory are asking for features that work independent of the PHY or MAC, since the factory includes a mix. Marks noted that a Nendica Study Item might help to provide consensus background information and recommendations that could be useful to informing a future decision about a Study Group.

There was discussion about the venue for developing the revision and also the precursor activity. Concern was expressed that it will be challenging to attain participants with the right skill sets and expertise. Some participants indicated that Nendica is a good venue for precursor work and that Working Group leaders should assign an individual to lead engagement with the activity and report to the WG, encourage other WG participants to join as well.

It was suggested that some WGs are not well aware of Nendica. Marks noted that he had offered updates the WGs and that he had scheduled during during the current 802 Plenary Session, with 802.1, 802.3, 802.15, and 802.19.

Action Item: Roger Marks to prepare the minutes and report to the 20 July 2021 IEEE 802 Restructuring ad hoc meeting.

The meeting adjourned at 11:49 ET.