Technical Coherence sub ad hoc 22JUN2021 notes, by Paul Nikolich [revision: Roger Marks]

The sub ad hoc chair, Roger Marks, calls the electronic meeting to order at 16:30 ET.

Participants: Roger Marks, Glenn Parsons, Paul Nikolich, Tuncer Baykas, Stuart Kerry, Ben Rolfe, Dorothy Stanley, Robert Stacey, Jessy Rouyer, Joseph Levy,

Roger presents Technical Coherence Background and draft agenda in 802-ec-21-0132-00-00EC.

Draft Agenda

* Seek volunteer to record meeting notes
* Review Background (see following slide)
* Review Minutes
  + *Technical Coherence sub ad hoc 03JUN2021 notes*
    - [*https://mentor.ieee.org/802-ec/dcn/21/ec-21-0120-00-00EC.docx*](https://mentor.ieee.org/802-ec/dcn/21/ec-21-0120-00-00EC.docx)
  + *It was agreed a concrete step in that direction will be to begin drafting a PAR for the IEEE Std 802 revision project. Roger will hold another sub ad hoc meeting the week of 21 June 2021, details pending result of a doodle poll. The focus of the meeting will be to outline the aforementioned PAR for EC consideration at the July 2021 plenary session, along with a recommendation of where to place a study group to complete preparation of revision project draft PAR: in the 802.1 WG? An 802 LMSC study group? Other?*
* Contributions
  + [*https://mentor.ieee.org/802-ec/dcn/21/ec-21-0131-00-00EC.pptx*](https://mentor.ieee.org/802-ec/dcn/21/ec-21-0131-00-00EC.pptx)
  + *others*
* Action items
* Next meeting?

No objections to the draft agenda. Nikolich volunteered to take notes.

Roger presents Views on Revision of IEEE Std 802: 802-ec-21-0131-00-00EC.

The slide deck reviews the background of IEEE Std 802, “IEEE Standard for Local and Metropolitan Area Networks: Overview and Architecture”. It goes on to ask several questions: “What is the IEEE 802 Family?”, “What is the IEEE 802 Architecture?”, “What exactly is the common LLC?”, “How does 802 specify the 802 Data Link Layer Service?”, “What are IEEE 802 general requirements? and attempts to explain the 802 Data Link Service”, and “What else is in the 802 Architecture?”.

Roger recommends there are many improvements that should be incorporated into a revision of IEEE Std 802 to provide a more complete, accurate and robust description of the 802 architecture/family. He identifies topics to consider in a revision and shares the key elements of a possible draft revision PAR.

Finally, Roger makes the following 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.

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.

Action Item: Roger Marks to plan another sub ad hoc meeting, prior to the 20 July 2021 802 restructuring ad hoc meeting, with the goals of discussing and refining the proposal.

Having reached the end of the agenda, the meeting adjourned a few minutes past 17:30 ET.