The meeting started 3/14/2023 at 1:30pm EDT.

Attendees:

Tim Godfrey (The TG chairman) – EPRI

Menashe Shahar – Ondas Networks

Harry Bims – Bims laboratory

Vishal Kalkundrikar – Ondas Networks

Kuramochi Takashi –

Juha Juntunen – Meteorcomm

James Gilb - (GA-ASI)

The TG chair asked if anyone would like to be the secretary for the meeting. Juha agreed to take the meeting minutes.

The TG chair presented the agenda. There were no objections to the agenda, and it was approved with unanimous consent. The TG chair made a query about IP and patents related to the standard development. New or existing patents were not identified or announced by the participants.

Six new contributions were identified to be discussed during the meetings.

* DCN:118-0
* DCN:643-2
* DCN:643-3
* DCN:158-0
* DCN:159-0
* DCN:163-0

The first discussed contribution was Vishal’s comments about the v0.4 draft specification document (DCN: 118-0).

* Many or most of the comments are editorial in nature. It was discussed that Vishal should get Frame Maker (with help from James) to make minor changes to the document directly.
* The details of the document subject to the comments were shown to the participants and there was an agreement to make all the proposed changes.

The next contribution was DCN: 163-0 (Menashe’s responses to Direct-Peer-to-Peer comments from Juha)

* Lengthy discussions took place between all on-site participants over the various comments.
* RTS/CTS mechanism improvements were one major topic. What has been learned from 802.11 developments could be
* Need for discovery functions and required support from the MAC/PHY layers was another lengthy topic.
* It was agreed to continue discussing and addressing the comments in the next meeting the following day (3/15/2023).

The TG chair called the meeting adjourned 3/14/2023 at 3:25pm EDT.

The meeting started 3/15/2023 at 1:30pm EDT.

Attendees:

Tim Godfrey (The TG chairman) – EPRI

Menashe Shahar – Ondas Networks

Harry Bims – Bims laboratory

Vishal Kalkundrikar – Ondas Networks

Juha Juntunen – Meteorcomm

Clark Palmer - Meteorcomm

James Gilb - GA-ASI

Thomas Almholth – Texas Instruments

Ravi Ichapurapu - Amazon

The TG chair asked if anyone would like to be the secretary for the meeting. Juha agreed to take the meeting minutes.

The TG chair presented the agenda. There were no objections to the agenda, and it was approved with unanimous consent.

The discussion continued about the contributions identified during the previous meeting.

First, the rest of the comments from the contribution DCN: 163-0 (Menashe’s responses to Direct-Peer-to-Peer comments from Juha), which were not yet discussed, were gone through. Most of the remaining comments are addressed by an updated version of the Direct-Peer-to-Peer description.

After this, Harry showed the v0.9 draft specification he had been preparing based on the submitted comments (DCN: 118-0). In addition to the comments:

* Various definitions and terminology in Definitions section were amended.
* Abbreviations and acronyms were checked against the base standard.
* Figures were reviewed and some needed minor changes were identified.

The next contribution was DCN: 158-0 (Cyber Security Changes).

* The contribution includes proposed instructions how to update the security related sections in the specification.
* These instructions shall be incorporated as the next step to the specification draft where the changes will be later reviewed.

The next contribution was DCN: 159-0 (SEM12.5kHzMaskJ).

* The contribution shows the latest progress on a RF filter solution but the work is still ongoing and the result is not yet final.
* The results show there is a filtering result that passes 12.5 kHz FCC mask J but does not provide adequate SNR for 256QAM.

The TG chair called the meeting adjourned 3/15/2023 at 3:30pm EDT.

The meeting started 3/16/2023 at 10:30am EDT.

Attendees:

Tim Godfrey (The TG chairman) – EPRI

Menashe Shahar – Ondas Networks

Vishal Kalkundrikar – Ondas Networks

Juha Juntunen – Meteorcomm

Clark Palmer - Meteorcomm

The meeting discussed (somewhat informally) the updated Direct Peer-to-Peer contribution (DCN:643-5).

* Most of the conversation was about the DPP AIP Mode 2 (TDD), whose definition, dependencies, and applicability were discussed.
* It was decided this operating mode could be taken out from the proposed standard description but it requires some further discussion with the railroad industry representatives for their opinion.

The TG chair called the meeting adjourned 3/16/2023 at 12:15pm EDT.

The meeting started 3/16/2023 at 1:33pm EDT.

Attendees:

Tim Godfrey (The TG chairman) – EPRI

Menashe Shahar – Ondas Networks

Harry Bims – Bims laboratory

Vishal Kalkundrikar – Ondas Networks

Juha Juntunen – Meteorcomm

Clark Palmer - Meteorcomm

Discussions and decisions:

* Harry to produce a next specification draft version (v0.8) which includes all other contributions than DPP AIP Mode 2 (TDD).
* Cyber Security contribution needs more specific instructions on how the specification text needs to be changed. Yael from Ondas shall help with that.
* With regards to RF Tx filtering, Menashe will develop a follow-up that will hopefully improve the obtained EVM.
* Vishal has Frame Maker now and can help with the editorial changes especially with regards to the various figures.
* The plan is to discuss v0.8 in a teleconference 4/6. Any comments/review shall be the basis for v0.9, which is distributed for WG comment collection.
* The Interim meeting in May shall review the comments from the WG comment collection.

The TG chair called the meeting adjourned 3/16/2023 at 3:15pm EDT.