**IEEE 802.15**

**Wireless Specialty Networks (WSN)**

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| Project | IEEE P802.15 Working Group for Wireless Specialty Networks (WSN) | |
| Title | **July 2025 Madrid Meeting Minutes of the TG16me** | |
| Date Submitted | [30 July 2025] | |
| Source | [Vishal Kalkundrikar]  [Ondas Networks] | Email: [vishal.k@lekhawireless.com] |
| Re: | [] | |
| Abstract | [IEEE 802.15.16me TG Minutes] | |
| Purpose | [Minutes of TG 16me Sessions] | |
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# Monday, 28th July 2025

Meeting Started at 5pm Local time, Madrid Spain.

# Attendees:

Tim Godfrey (The TG chairman) - EPRI

Menashe Shahar - Ondas Networks

Harry Bims - Bims laboratory

Juha Juntunen - Meteorcom

Bivesh Paudyal – MXV, AAR

Craig Rodine - Sandia National Laboratories

Vishal Kalkundrikar - Ondas Networks

Vishal agreed to take the meeting minutes.

The TG chair presented the agenda. There were no objections to the agenda, which was approved unanimously.

The TG chair made a query about IP and essential patents related to standard development. New or existing patents were not identified or announced by the participants.

TG chair reminded attendees to mark the attendance for the session.

TG Chair requested Bivesh to provide publicly available announcement of the adoption of 802.16t by AAR.

TG discussed the two contributions below:

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| 28-Jul-2025 ET | 2025 | 342 | 0 | TG16me (LIC-NB) Revision to 2017 | Synchronization Sequence Length and Repetitions | Vishal Kalkundrikar (Ondas) | 28-Jul-2025 09:21:31 ET | [Download](https://mentor.ieee.org/802.15/dcn/25/15-25-0342-00-16me-synchronization-sequence-length-and-repetitions.pptx), [Revise](https://mentor.ieee.org/802.15/revise-document?t=9917800040%7F0) |
| 28-Jul-2025 ET | 2025 | 338 | 0 | TG16me (LIC-NB) Revision to 2017 | Proposed Modification and Additions to 802.16t | Menashe Shahar (Ondas) | 28-Jul-2025 08:34:28 ET | [Download](https://mentor.ieee.org/802.15/dcn/25/15-25-0338-00-16me-proposed-modification-and-additions-to-802-16t.pptx), [Revise](https://mentor.ieee.org/802.15/revise-document?t=9917000040%7F0) |

On contribution 342, Harry suggested adding tolerance in terms of frequency estimation error and timing estimation error where the performance is not much degraded.

Meeting adjourned at 7pm Local time.

# Tuesday, 29th July 2025

Meeting Started at 2.30pm Local time, Madrid Spain.

# Attendees:

Tim Godfrey (The TG chairman) - EPRI

Menashe Shahar - Ondas Networks

Harry Bims - Bims laboratory

Juha Juntunen - Meteorcom

Bivesh Paudyal – MXV, AAR

Tero Kivinen – Wi-Sun alliance

Vishal Kalkundrikar - Ondas Networks

The TG chair presented the agenda. There were no objections to the agenda, which was approved unanimously.

The TG chair made a query about IP and essential patents related to standard development. New or existing patents were not identified or announced by the participants.

TG chair reminded attendees to mark the attendance for the session.

TG discussed on the contribution below:

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| 29-Jul-2025 ET | 2025 | 367 | 1 | TG16me (LIC-NB) Revision to 2017 | WaveformSelectionForLowPowerMode | Menashe Shahar, Vishal Kalkundrikar (Ondas) | 29-Jul-2025 08:27:50 ET | [Download](https://mentor.ieee.org/802.15/dcn/25/15-25-0367-01-16me-waveformselectionforlowpowermode.pptx) |

Harry suggested checking for the usage of GMSK in GSM for pulse shaping and explore the 4 FSK used in ReFlex pager protocol.

Vishal agreed to check on the 4 FSK from the spectral efficiency and Mask D requirement.

Meeting adjourned at 4.30 pm Local time.

# Wednesday, 30th July 2025

Meeting Started at 2.30pm Local time, Madrid Spain.

# Attendees:

Tim Godfrey (The TG chairman) - EPRI

Menashe Shahar - Ondas Networks

Harry Bims - Bims laboratory

Juha Juntunen - Meteorcom

Craig Rodine - Sandia National Laboratories

Vishal Kalkundrikar - Ondas Networks

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TG chair reminded attendees to mark the attendance for the session.

TG discussed on the contribution below:

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| 30-Jul-2025 ET | 2025 | 367 | 4 | TG16me (LIC-NB) Revision to 2017 | WaveformSelectionForLowPowerMode | Menashe Shahar, Vishal Kalkundrikar (Ondas) | 30-Jul-2025 08:30:45 ET | [Download](https://mentor.ieee.org/802.15/dcn/25/15-25-0367-04-16me-waveformselectionforlowpowermode.pptx) |

Meeting adjourned at 4 pm Local time.

# Thursday, 31st July 2025

Meeting Started at 2.30pm Local time, Madrid Spain.

# Attendees:

Tim Godfrey (The TG chairman) - EPRI

Menashe Shahar - Ondas Networks

Harry Bims - Bims laboratory

Juha Juntunen - Meteorcom

Tero Kivinen – Wi-Sun alliance

Vishal Kalkundrikar - Ondas Networks

The TG chair presented the agenda. There were no objections to the agenda, which was approved unanimously.

The TG chair made a query about IP and essential patents related to standard development. New or existing patents were not identified or announced by the participants.

TG chair reminded attendees to mark the attendance for the session.

TG discussed on the contribution below:

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| 31-Jul-2025 ET | 2025 | 367 | 5 | TG16me (LIC-NB) Revision to 2017 | WaveformSelectionForLowPowerMode | Menashe Shahar, Vishal Kalkundrikar (Ondas) | 31-Jul-2025 08:00:06 ET | [Download](https://mentor.ieee.org/802.15/dcn/25/15-25-0367-05-16me-waveformselectionforlowpowermode.pptx) |

Juha found few corrections to be made on the above contribution, Vishal agreed to correct and post as 6th revision on mentor.

TG discussed the plan for the upcoming Hawaii session.

Meeting adjourned at 4 pm Local time.