IEEE P802.11  
Wireless LANs

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| Minutes 2025-07-28 AUTO TIG Meeting, Madrid | | | | |
| Date: 2025-07-28 | | | | |
| Author(s): | | | | |
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Abstract

This document contains the meeting minutes from the IEEE 802.11 Automotive Topic Interest Group (AUTO TIG) meeting in Atlanta, USA July 28, 2025.

Abbreviations:

Q: Question

A: Answer

C: Comment

Revision history:

R0: initial version

Automotive Topic Interest Group (AUTO TIG)   
Chair: Jim Lansford (FaraFir Consulting)

Vice Chair: Azin Neishaboori (General Motors), Jing Ma (Toyota)

Tuncer Baykas (Self) volunteered to be secretary.

**Meeting Agenda:**

The meeting agenda for AUTO 2025 July meeting is here: <https://mentor.ieee.org/802.11/dcn/25/11-25-1054-00-auto-agenda-for-automotive-tig-2025-july.pptx>

**Meeting Minutes:**

1. Chair called the meeting to order at 14:30 local time and reviewed slides 1 through 11 of the agenda document.
2. Approval of the agenda
   1. Chair reviewed the draft agenda, no further edits were requested.
   2. **Motion: Approve the AUTO TIG agenda in document 11-25-1054r0.**
   3. **Result: Unanimous Consent**
3. Approval of the May 2025 AUTO TIG meeting minutes in. <https://mentor.ieee.org/802.11/dcn/25/11-25-0943-02-auto-auto-tig-meeting-minutes-2025-may.docx>
   1. **Motion: Approve the AUTO TIG 2025 May minutes in document 11-24-943r2**
   2. **Result: Unanimous Consent**
4. Presentation by Ruben Castelhano (University of Aveiro), <https://mentor.ieee.org/802.11/dcn/25/11-25-1322-00-auto-sd4addr-bridging-in-vehicle-ethernet-and-v2x-via-sdn-based-address-translation.pptx>
   1. Q: Can it be used outside OCB?
   2. A: It will probably work.
   3. Q: Does the system have any fallback mode?
   4. A: The system won’t know what the packets are for so it discards them.
   5. Q: How are other systems allow internet access?
   6. A: They use tunnels.
5. Presentation by Jing Ma (Toyota) <https://mentor.ieee.org/802.11/dcn/25/11-25-1295-01-auto-proposed-technical-report-text-on-regional-hd-map-downloads-and-sensor-data-sharing-use-cases.doc>
   1. Q: Ho do you envision the data plane?
   2. A: The latency is very important. Maybe higher layers can handle it.
   3. .C: It is a great document.
6. One AUTO TIG meeting is planned for the September 2025 Plenary session. The Chair will send out a call for submissions for the final report..
7. Timeline review
   1. Our current target was to complete the AUTO TIG report by July 2025. It is extended until January 2026.
      1. C: More feedback would be welcomed.
8. Any other business: None.
9. Meeting adjourned at.15:45
10. Attendance: 60 attendees in the room, 140 attendees on Webex.

**References:**

Agenda: https://mentor.ieee.org/802.11/dcn/25/11-25-0213-00-auto-agenda-for-automotive-tig-2025-march.pptx

2025 January meeting minutes: https://mentor.ieee.org/802.11/dcn/25/11-25-0159-00-auto-january-2025-kobe-auto-tig-meeting-minutes.docx

Presentations:

“IEEE 802.11ai and IEEE 802.11bc for Automotive Use”, Hitoshi Morioka (SRC Software) <https://mentor.ieee.org/802.11/dcn/25/11-25-0226-00-auto-ieee-802-11ai-and-ieee-802-11bc-for-automotive-use.pptx>

“Hybrid MLD for Automotive”, Federico Lovison (Cisco) <https://mentor.ieee.org/802.11/dcn/25/11-25-0308-00-auto-hybrid-mld-for-automotive.pptx>

“Automotive-TIG-Thoughts on PHY improvements”, Azin Neishaboori (General Motors) <https://mentor.ieee.org/802.11/dcn/25/11-25-0293-00-auto-automotive-tig-thoughts-on-phy-improvements.potx>

“Proposed IEEE802.11 Automotive TIG Technical Report Text on Regional HD Map Updates use case,” Jing Ma (Toyota) <https://mentor.ieee.org/802.11/dcn/25/11-25-0323-00-auto-proposed-ieee802-11-automotive-tig-technical-report-text-on-regional-hd-map-updates-use-case.doc>