

**Report of the 3rd Meeting of the
Electric Vehicles and the Environment Informal Working Group (EVE IWG)**

Location: Conference call with Webex
Date: 6:00AM to 8:00AM (EST, Ottawa, Canada) Nov.27 2012
Chair: Michael Olechiw (United States)

1. Welcome, Introductions, Agenda (Agenda item 1)

Michael Olechiw, Chair of the informal working group, welcomed and led introductions.

There were approximately 25 participants, representing contracting parties, vehicle manufacturers and industry organizations from around the world.

The Agenda for the meeting (EVE-03-01e) was reviewed and no changes were made.

2. Review of EVE IWG #2 Meeting Report (Agenda item 2)

The Chair reviewed document EVE-02-24e covering Agenda item 2.

The Secretary confirmed that all acronyms in the Terms of Reference (ToRs) were defined as requested under item 3 in the report.

The Chair noted in discussion of item 4, Presentations by Chairs of Related IWG, that details of the test cycles (including EVs) in development by the Worldwide harmonized Light vehicles Test Procedure (WLTP) working group are still unknown, and that this should be investigated further.

It was confirmed by the Chair and the Secretary that the EVE IWG does not have the mandate to create a global technical regulation (gtr), but can move to recommend one if appropriate.

No comments or questions related to the meeting report were raised. The European Union (EU) representative did raise the point that he was willing to present information on EV standardization at EVE #4 meeting which was noted and will be added to the EVE #4 Agenda.

Action: The Secretary will add an EV standardization presentation by the EU representative to the EVE #4 Agenda.

3. Reference Guide Outline and Questionnaire (Agenda item 3)

The Chair reviewed document EVE-03-02e, Proposal of "vehicle attribute approach" to Reference Guide and the Secretary reviewed document EVE-03-03e, Review of Preliminary Reference Guide Outline, and document EVE-03-04e, Review of Proposed Reference Guide Questionnaire.

It was noted in the discussion of the attribute to ensure communication with other WP.29 working groups (i.e. WLTP) so they know what the EVE IWG is doing. The Secretary confirmed that information for the Guide would be collected from contracting parties and WP.29 working groups.

The point was raised that text in section 5.1, Next steps, should be adjusted to read “potential GTR development” rather than “future GTR development”. A comment was made that the Guide should be shared with other WP.29 working groups who may find it useful.

A number of points were raised concerning the Questionnaire:

- It was clarified by the Secretary that the Guide would not be a “living document”, as the document will not be continuously updated in the future.
- The focus of the Outline and Questionnaire should be adjusted to include not only contracting parties and WP.29 working groups, but also the vehicle industry and other stakeholders.
- Terminology concerning national and regional jurisdictions should be adjusted in the Questionnaire to be generic to ensure all jurisdictional requirements are included in the Guide.
- An adjustment to the Questionnaire should be made to allow for explanation of why requirements exist (intention); this would be to elucidate the scope of the measure, regional differences, policy objectives, etc.
- Question 2 should be expanded from “national and international standards” to include industry and/or voluntary standards.

Overall, EVE members did not express any concerns with the EVE-03-02e, EVE-03-03e and EVE-03-04e documents, thereby agreeing to move forward with the proposed approach.

Action: The Secretary will adjust the Outline (EVE-03-03e) and Questionnaire (EVE-03-04e) according to the comments raised for discussion at the EVE #4 meeting.

4. Next Steps (Agenda item 4)

The Chair opened the discussion to include all three documents, the vehicle attribute approach, Guide Outline, and Guide Questionnaire (EVE-03-2e, 3e, 4e). It was emphasized that it was important to have agreement on the approach and structure of the Guide going forward into the next EVE IWG meeting (#4). It was clarified by the Chair that the Guide and Questionnaire will include all attributes listed on the vehicle attribute approach slide (EVE-03-2e), including those outside of the ‘vehicle’ category.

A roadmap for the development of the Reference Guide was discussed:

- Comments and input on the Reference Guide approach and structure (three documents, EVE-03-2e, 3e, 4e) from EVE members are to be received by the EVE Secretary by December 31, 2012.
- During the EVE #4 meeting at the Working Party on Pollution and Energy (GRPE) meeting in January 2013 we will confirm the approach to the Reference Guide and present this to the GRPE.
 - At this meeting we will initiate the process of collecting information to populate the Guide and establish a more detailed roadmap for work until 2014.
- A target was set to discuss progress of the Reference Guide at the EVE #5 meeting in April 2013.
- The final version of the Reference Guide will be submitted in June 2014 to the GRPE and November 2014 to the WP.29.

The Chair stated that the questionnaire would therefore be the primary tool to gather information to populate the Reference Guide and further suggested that the EVE Leadership Group could

follow-up with individual Contracting Parties and Stakeholders to complete information should this be required. Bill Coleman recommended the group contact Daniela Leveratto to collect The International Organization of Motor Vehicle Manufacturers (OICA) information for the Guide.

The Chair proposed and the Secretary agreed that a roadmap for EVE IWG work going forward should be prepared..

With respect to submitting the EVE ToRs and a progress report to the GRPE (requested by the WP.29), the Secretary gave an overview of their discussion with the GRPE secretariat. The documents will be submitted informally to the GRPE, but information is still needed on the exact document requirements and submission details. EVE members were advised that this issue will appear on future EVE meeting agendas.

Action: Bill Coleman and the Chair will contact Daniela Leveratto to inform OICA of EVE IWG activities.

The Secretary will develop a roadmap for EVE IWG work going forward to be presented at the next meeting (EVE #4).

The Secretary will prepare required documents for submission of the EVE ToRs and progress report to the GRPE for further submission to the WP.29.

EVE members are to send comments to the EVE Secretariat on documents EVE-03-02e, 03e and 04e by December 31, 2012.

5. Proposed Agenda for EVE IWG #4 meeting (Agenda item 5)

The Chair reviewed document EVE-03-05e covering Agenda item 5, Proposed Agenda for EVE IWG #4 meeting.

The Agenda #4 is to be adjusted as follows:

- Items to be added:
 - Presentation on EV standardization by the EU representative (Bernardo Martinez).
 - Presentation on EV performance by Werner Tober (TBD).
 - Discussion of EVE IWG roadmap (Secretary).
 - Reports from chairpersons on progress of other related WP.29 working groups:
 - Electric Vehicle Safety (EVS) – Kazuyuki Narusawa, Japan
 - WLTP – Per Ohlund, Sweden

It was noted by the Chair that reports from chairpersons of other relevant WP.29 working groups should be sought out for EVE #4 meeting.

The exact time and place of EVE #4 meeting will be communicated to EVE members by the leadership committee once it has been set.

The co-chair of the EVE IWG, Chen Chunmei, indicated that she will not be able to attend the meeting and inquired about remote attendance via conference call. The Chair noted he will look into remote attendance options and communicate them to the EVE members.

The 5th EVE meeting is scheduled for April 11th and 12th in Tokyo, Japan, which coincides with the EVS working group meeting.

The Chair and Secretary agreed to circulate an action item list and meeting report as soon as possible.

Action: The Secretary will adjust the EVE-03-05e document in preparation for the EVE #4 meeting.

The Secretary will contact chairpersons of other relevant WP.29 working groups to see if there is interest in presenting at the EVE #4 meeting.

The Secretary will communicate the time and place of the EVE #4 meeting once known.

The Chair will look into remote attendance options for the EVE #4 meeting and communicate them to the EVE members.

The Secretary will circulate an action item list and meeting report as soon as possible.

The Chair closed the meeting and thanked participants for attending.