

Draft Minutes of Meeting

*18th meeting of the
WP.15 IWG-EV for the
Introduction of Electrified Vehicles in the ADR*

Venue: Held via MS Team call
Chairman: Kees de Putter (NL)
Secretariat: Barbara Lehner (Daimler Truck)
Date: 8 March 2024 9.00 to 11.30 hrs. CET

0. Welcome

The meeting was opened and the participants welcomed. The chair recalled that already official document ECE/TRANS/WP.15/2024/8 was forwarded addressing the open issues ion 9.2 of the November 2023 session of WP.11. This session of the IWG-EV was in particular to discuss the last open items and a number of new issues that should go in the report of the IWG-EV to WP.15 in its April 2024 session.

1. Competition guidelines and law compliance policy

Participants were reminded of the competition guidelines and law compliance policy.

This policy is consisting of not discussing any market conduct of individual companies and of not exchanging any business sensitive information. See the EU competition law details [here](#).

2. Attendance list

A full list of participants will be recorded, and the list will be added to the MoM.

3. Approval of the agenda

The agenda was approved as it stood.

4. Approval of the minutes of last meeting

The minutes of the 17th session were approved.

5. About the introduction of electrified vehicles in the ADR

5.1. Reporting from the sub-groups

5.1.1. Users' sub-group

An oral report was given from the proceedings of the Users sub-group.

5.1.2. Trucks manufacturers' sub-group

A presentation was given by the chairperson of the Truck manufacturers sub-group.

An overview was given of the achievements so far and the time line.

Concerning the still open issues it the issue of 9.2.4.4.3 (possibility for emergency service to intervene in a battery fire), 9.2.4.4.1 (party responsible for the risk evaluation of the REESS) were mentioned. Besides this a new provision on vehicle charging inlet and developments about Type II A braking (retarder) were given.

5.1.3. Hydrogen vehicles' sub-group

Dormant.

5.1.4. Trailers and bodybuilders' sub-group

No activity

5.1.5. Explosives' sub-group

It was discussed how to start with the EX vehicle sub-group. It was mentioned that there had been contact with the Explosives Working Group under the UN ECESOC, that would have this on the agenda as well. To prevent duplication it should be decided where the sub-group should be positioned. It was also said that there are only a limited number of experts on explosives and parties are invited to forward experts in this field.

6 Open points to be discussed at the WP.15

6.1 Pending issue of 9.2.4.4.2.1 – technical service

For document 2024/8 no consensus could be reached on the specification of technical service to review the risk analysis according to ISO 6469-1:2019/A1:2022 Am1. It was proposed by the truck manufacturers sub-group not to specify any technical service (R100). This was agreed.

6.2 Pending issue of INF 10 (November 2023 session WP.15) coherence between the table 9.2.1.1 and provisions of 9.2.

When the starting point of compliance with 9.2 is the table of 9.2.1.1 certain the application should be the same. To restrict the use of BEV and HFCV for the time being from EX vehicles it is necessary to move the first sentence of 9.2.4.4.1, that contains the prohibition of using

BEV electric vehicles from the EX category and the use of electrified trailers in general to 9.2.4.4 and amend the table in 9.2.1.1 accordingly. The amendment was accepted by the experts of the IWG.

6.3 transitional measures and extended period for compliance with new regulations.

It was tabled that the standard period until 1ste of April on the even year after publication of the new ADR, to comply with new legislation when existing provisions are amended is too short in case of electrification and hydrogen fuelled vehicles. No consensus could be reached at the session on the options discussed. OICA would present a date at the WP.15 session.

6.4 Electric Charging Inlet.

The truck manufacturer group proposed to include provisions for certain minimum level for the charging inlet. It proved in practice the using DC mega-charging moist could damage the connector leading to explosion of the socket. For this a new 9.2.4.4.1.3 was proposed. After discussion this was accepted by the experts of the IWG-EV.

6.5 Re-introduction of transitional measure 1.6.5.4.

The standard transitional measure was removed form ADR 2021. It was said that for ADR 2021 there had been no need to have the transitional measure. With the introduction of the new provisions it is needed again. The end date of 31 March 2026 was kept in square brackets to be adopted based on the discussion (see point 6.3 above).

7 Conclusion

A draft of the report to WP.15 will be circulated for additions and corrections before being send to the UNECE secretariat.

8 Date and place of next meeting

The next session will be planned after the April WP.15 session in time for the deadline for official documents. A poll will be send to determine the most favourable date and time.

9 Closing of the meeting

The chair thanked all the participants for their contributions.

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