

## 89<sup>th</sup> GRE - Taskforce on Autonomous Vehicle Signalling Requirements (TF AVSR)

26 October 2023

**Mercedes-Benz** is offering a demonstration of a **test vehicle equipped with integrated Automated Driving System (ADS) Marker Lamps** for L3-ADS or higher, following the basic concepts from both

- SAE Recommended Practice J3134 published 2019 for front ADS Marker Lamps and
- China - Draft of the GB Standard for Light-Signalling Devices including optional front, side and rear ADS Marker Lamps

Congruent basic concepts and requirements will allow a worldwide uniform hardware implementation, signal appearance and herewith an intuitive signal understanding. The acceptance of automated vehicles can be enhanced.



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### Specifications

- The ADS Marker Lamps are fitted **optionally** and **activated automatically** with the ADS (L3 or higher)
- The harmonized and newly defined same signal light color **blue-green** is used
- The side and rear ADS Marker Lamps of the test vehicle are **reciprocally incorporated with the turn direction indicators.**
- The reciprocal incorporation of ADS Marker Lamps with other appropriate light signalling devices and using their optical elements facilitates the **visibility of the ADS Marker Lamp signal all around the vehicle.**



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## ADS Marker Lamp Vehicle Demonstration

Location: Parking Area in front Door A11

