

Transmitted by the expert from GTB

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# GTB Mirror Working Group SAE

Status Update

Presented to GRE-72 – October 2014

# Introduction

## Dialogue between SAE Lighting Systems Group and NHTSA

Scope: “A forum for dialogue between NHTSA and the SAE Lighting Committee for discussion of vehicle lighting topics of mutual interest”

### SAE *Regulatory Cooperation Task Force*

Established – April 2012

Chairman: Mike Larsen

Vice-Chairman: Stephan Berlitz

### GTB established *Mirror Group working with SAE*

Established – May 2012

Chairman: Stephan Berlitz

Vice-Chairman: Gary King

## Cooperation of global vehicle lighting experts

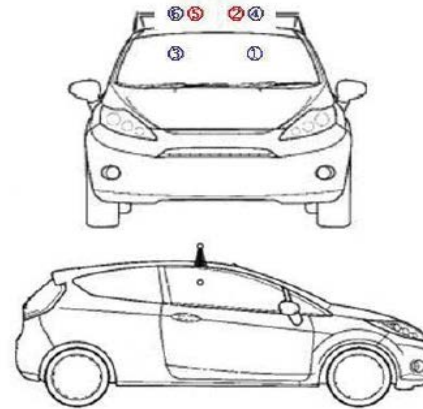
# SAE Regulatory Cooperation Task Force Activities

- 2 April 2013: SAE Lighting Systems Group meeting with NHTSA:
  - Executive Overview
  - In-depth Technical Exchange
  - Reviewed Recent Trends in Lighting Technology
    - ❑ *Focus on headlighting*
  
- ADB test vehicles for NHTSA – support activities
  - Generated list of ADB equipped vehicles and systems (Aug 2013)
  - Contact OEMs for lease vehicles to be delivered in US (Sep 2013)
  - Delivery of vehicles to NHTSA Vehicle Research and Test Center at VRTC, East Liberty, Ohio (Oct/Nov 2013)

# Main task: Support NHTSA in evaluation of ADB

## – NHTSA Project Scope

- Phase 1: test vehicles per ECE R48 and collect illuminance information at various points for an exposed vehicle using an instrumented 2<sup>nd</sup> vehicle (Oct-Dec 2013)
- Phase 2: Investigate quantitative approach to ADB assessment
- Phase 3: Try out the modified test procedure and evaluate objective data (Spring 2014)



(Picture from: NHTSA Presentation at SAE Government Industry Meeting)

# SAE Standards & US Regulations

## The National Technology Transfer and Advancement Act of 1995 (NTTAA)

NTTAA, Section 12(d):

*Federal agencies “shall use technical standards that are developed or adopted by voluntary consensus standards bodies, using such technical standards as a means to carry out policy objectives or activities,” except when an agency determines that such use “is inconsistent with applicable law or otherwise impractical.”*

## White House Office of Management and Budget (OMB)

OMB created revised Circular A-119 in response to the enactment of the NTTAA

- **Circular A-119, *"Federal Participation in the Development and Use of Voluntary Consensus Standards and in Conformity Assessment Activities"***
- Circular A-119 can be found at [http://www.whitehouse.gov/omb/circulars\\_a119/](http://www.whitehouse.gov/omb/circulars_a119/)
  - February 19, 1998 version (63 Fed. Reg. 8546)
  - Currently under revision

# Next Steps

- Support NHTSA/VRTC
- Collaborate with SAE on draft SAE J3069 standard

*Thank you for your attention*

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