

Transmitted by Chair of the
AECS IWG

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Agenda item 16

Progress report of GRSG informal group on Accident Emergency Call System (AECS)

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Background

June 2013 Geneva. 160th WP.29

WP.29 approved the request of the Russian Federation to establish a new GRSG informal group on Automatic Emergency Call Systems (AECS) (WP.29 report ECE/TRANS/WP.29/1104)

Terms of Reference (IWG AECS):

6. The target completion date for the work of the informal group shall be the 109th session of GRSG in October 2015, Vehicles of categories N2, N3, M2, and M3 may be covered in a later stage.

AECS IWG' meeting schedule

The last meeting of AECS (10th) took place in Brussels (Belgium)
22 – 24 September, 2015

The next meetings will take place:

- 11th meeting - in Seoul (South Korea), 24 - 26 November, 2015
- 12th meeting – in Moscow (Russia), 9 -11 February, 2016
- 13th meeting – in Paris (France), 12 -14 April, 2016

The Scope of the Draft UN Regulation on accident emergency call systems

1.1. This Regulation applies to:

- (a) Part I: the approval of Accident Emergency Call Devices which are intended to be fitted to vehicles of categories M1 and N1;
- (b) Part II: the approval of vehicles of categories M1 and N1 with regard to the installation of an Accident Emergency Call Device which has been approved to Part I of this regulation.
- (c) Part III: the approval of vehicles of categories M1 and N1 with regard to their Accident Emergency Call System or with regard to the installation of an Accident Emergency Call Device which has not been separately approved according to Part I of this Regulation.

The Scope of the Draft UN Regulation on accident emergency call systems

1.2. It does not apply to:

- (a) Communication module functionality and communication antenna functionality, unless otherwise prescribed in this Regulation;
- (b) The data additional to MSD to be conveyed to PSAP, the format of the data, the mechanism and logic of data transmission, data exchange protocol, operation modes and conditions of transitions between such modes, performance of the test call and test data transfer, response to protocol commands received from infrastructure and network registration logic;
- (c) Privacy, data protection and personal data processing.

The Scope of the Draft UN Regulation on accident emergency call systems

1.3. Vehicles

- in the scope of neither Regulation No. 94 nor Regulation No. 95 and not fitted with an automatic triggering system,
- of category N1 in the scope of Regulation No.95 and not equipped with side airbag, or
- of category M1 in the scope of Regulation No.94 and not equipped with frontal airbag

shall be excluded from the scope of this regulation.

1.4. GNSS positioning may be approved at the request of the applicant.

However, if the applicant opts to request approval of AECD/AECS without the GNSS positioning as described in this regulation, national requirements of the Contracting Parties apply.

1.5. Vehicles of the following categories shall be excluded from the scope of this regulation:

- Armoured vehicles
- M1 vehicles with a total permissible mass above 3.5t.

The status of the Draft UN Regulation after the 10th meeting:

Part Of the UN Regulation	Status after the 10 th AECS meeting
The scope of the UN Regulation	Agreed
Part I (Accident emergency call device – AECD)	
EMC	Agreed
Position determination	Agreed (waiting for the final confirmation)
Information and warning signal	Agreed Under discussion
Power supply	Under discussion
Resistance to impact	Under discussion
Part II (Vehicle with regard to AECD installation)	
Position determination	Agreed (waiting for the final confirmation)
AECD control requirements	Agreed
Information and warning signal	See part I
Functionality (emission of emergency call, HMI functionality and MSD)	Under discussion
Hands-free audio performance	Under discussion
Power supply	Under discussion
Part III (vehicle with regard to AECS or equipped with AECD which has not been separately approved according to Part I)	Under discussion

Other items, awaiting decision:

from IG AECS:

Checking of AECS manual triggering

- Pre-crash only;
- Pre-crash and post-crash

from GRSG:

-The possibility of voluntarily switch off the AECS

- Mandate the possibility of switch-off the button;
- Permit the possibility of switch-off the button;
- Don't mention such possibility in the Draft UN Regulation

- Extension of the mandate for work IG until October 2016**

Thank you for your attention!