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Inland Transport Committee
World Forum for Harmonization of Vehicle Regulations

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Proposal to develop a new UN Regulation on e-call systems

Proposal for a draft UN Regulation on emergency call devices

Submitted by the Russian Federation*

The text reproduced below was prepared by the experts of the Russian Federation in accordance with the decision of the World Forum for Harmonization of Vehicle Regulations (WP.29) at its 159th session (ECE/TRANS/WP.29/1101, paragraph 82). This text is submitted to WP.29 for consideration.

Note: This informal document is a translation into English of document ECE/TRANS/WP.29/2013/67, which has been provided by the representatives of the Russian Federation.

* In accordance with the programme of work of the Inland Transport Committee for 2010–2014 (ECE/TRANS/208/, para. 106 and ECE/TRANS/2010/8, programme activity 02.4), the World Forum will develop, harmonize and update Regulations in order to enhance the performance of vehicles. The present document is submitted in conformity with that mandate

Regulation No. XXX

Uniform provisions concerning the approval of emergency call devices and motor vehicles with regard to the installation of these devices

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1. Scope

This Regulation applies:

- a) To emergency call devices for vehicles of categories M and N ^{1/};
- b) To the installation of emergency call devices on vehicles of categories M and N ^{1/}.

I. Emergency call devices

2. Definitions

For the purpose of this Regulation:

- 2.1. An "emergency call device" means a device which determines the coordinates, speed and direction of a vehicle movement by using the signals of at least two existing global navigational satellite systems, and provides for transmission of an emergency message if a road or other accident occurs and bilateral voice communication with emergency services via the mobile phone communication networks;
- 2.2. The "main component of the emergency call device" means the module providing for fulfillment by the emergency call device of the functions listed in the paragraph 2.1. above. The main components of the emergency call device are:
 - a) navigation receiver;
 - b) global navigation satellite system signal reception antenna;
 - c) communication module;
 - d) antenna of the communication module;
 - e) tone modem;
 - f) user interface module;
 - g) control module;
 - h) backup power supply (optional).
- 2.3. "Road accident" means any event that occurs while a vehicle moves on a road or otherwise involves a vehicle, at which people were killed or injured, vehicles, buildings or goods were damaged or other property damage occurred;
- 2.4. "Navigation receiver" means a component of an emergency call device designed to determine the current position, movement parameters (speed and direction) of a vehicle and time basing on the signals of global navigation satellite systems;

^{1/} As defined in the Consolidated Resolution on the Construction of Vehicles (R.E.3.), document ECE/TRANS/WP.29/78/Rev.2, para. 2.

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- 2.5. "Communication module" means a component of an emergency call device, intended to transmit information about the accident via mobile phone networks;
 - 2.6. "Tone modem" means a component of an emergency call device designed to transmit data within an established voice communication call via mobile phone networks;
 - 2.7. "User interface module" means a component of an emergency call device designed to enable interaction of the user with the device including visual information and input of control commands by the user;
 - 2.8. "Control module" means a component of an emergency call device designed to ensure joint operation of all components of an emergency call device;
 - 2.9. "Emergency call device type" means devices with identical design including their attachment to the vehicle bodywork;
 - 2.10. "Communication protocol" means a set of rules and conventions that determine the content, format, timing parameters, sequence and error detection of the messages exchanged between an emergency call device and the ground response infrastructure.

3. Application for approval

- 3.1. The application for approval of a type of emergency call device shall be submitted by the holder of the trade name or mark or by his duly accredited representative.
- 3.2. A model of information document is shown in Annex 1.
- 3.3. The application for approval of each type of emergency call devices shall be accompanied by samples of the devices completely packaged. The number of provided samples shall be sufficient for the tests prescribed by this Regulation. Further samples may be requested by the technical service.

4. Markings

- 4.1. The samples of emergency call devices shall bear the trademark of the manufacturer. These markings shall be applied at least to the navigation receiver and the communication module, as well as to the front side of the user interface module. The markings shall be clearly legible and indelible.
- 4.2. The navigation receiver and the communication module as well as the front side of the user interface module of each emergency call device shall have free space large enough to accommodate the approval mark, which shall be legible when the device is installed on a vehicle. The free space shall be indicated in the drawings mentioned in Annex 1.

5. Approval

- 5.1. If the samples submitted for approval meet the requirements of paragraph 6. of this Regulation, the type approval for the emergency call device shall be granted.

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- 5.2. An approval number shall be assigned to each type approved. Its first two digits (at present 00) shall indicate the series of amendments incorporating the most recent major technical amendments made to the Regulation at the time of issue of the approval. The same Contracting Party shall not assign the same number to another type of emergency call devices.
 - 5.3. Notice of approval or of refusal or of extension or withdrawal of approval or of production definitively discontinued of a type of emergency call device pursuant to this Regulation shall be communicated to the Parties to the Agreement which apply this Regulation by means of a form conforming to the model in Annex 3 to this Regulation.
 - 5.4. In addition to the trademark logo prescribed in paragraph 4.1. above a clearly visible international approval mark conforming to the model in Annex 5 shall be affixed on each emergency call device conforming to a type approved under this Regulation at a spot provided for in paragraph 4.2. above. The mark shall consist of:
 - 5.4.1. A circle surrounding the letter "E" followed by the distinguishing number of the country which has granted approval ²;
 - 5.4.2. The number of this Regulation, followed by the letter "R", a dash and the approval number placed to the right of the circle prescribed in paragraph 5.4.1.
 - 5.5. The approval mark shall be clearly legible and indelible.

6. Requirements

- 6.1. The efficiency of the emergency call device operation shall not be adversely affected by magnetic or electrical fields. Compliance with this requirement shall be demonstrated by ensuring compliance with Regulation No.10:
 - 03 series of amendments for vehicles without rechargeable energy storage systems (RESS) (drive batteries) capable of being charged from an external source;
 - 04 series of amendments for vehicles equipped with rechargeable energy storage systems (RESS) (drive batteries) capable of being charged from an external source.
- 6.2. The emergency call device shall be resistant to climatic effects. This requirement is considered to be met if the emergency call device passes all tests prescribed in Annex 6.
- 6.3. The emergency call device shall be resistant to mechanical stress. This requirement is considered to be met if the emergency call device passes all tests prescribed in Annex 7.
- 6.3. The emergency call device shall remain operational after dynamic tests in accordance with the appendix to Annex 9 to Regulation No. 17. Peculiar features of the test process are specified in Annex 8.

²/ As defined in the Consolidated Resolution on the Construction of Vehicles (R.E.3) (ECE/TRANS/WP.29/78/Rev.2, Annex 1).

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- 6.4. The emergency call device shall be capable for receiving and processing standard precision navigation signals. This requirement is considered to be met if the emergency call device passes all tests prescribed by Annex 9.
 - 6.5. The emergency call device shall support communications via GSM 900 and GSM 1800 as well as UMTS 900 and UMTS 2000 mobile phone networks. This requirement is considered to be met if the emergency call device passes all tests prescribed in Annex 10. Besides, the emergency call device shall be in compliance with the following requirements:
 - 6.5.1. The emergency call device shall be equipped with a non-removable personal universal multi-subscriber identity card for use in mobile phone networks of the above standards. It shall be possible to update the information stored in the personal non-removable universal multi-subscriber identity card through mobile phone networks of the above standards.
 - 6.5.2. The communication module shall provide for packet transmission of data about traffic accidents. The communication protocol shall set mandatory priority flags of an emergency call. The requirements for communication protocols are specified in Annex 11.
 - 6.5.3. The tone modem shall support bilateral duplex voice call to emergency service operator in speakerphone mode.
 - 6.5.4. If it is impossible to transmit the data using the tone modem for 20 seconds after the start of transmission, the emergency call device shall stop using the modem and transfer the data using short text messages (SMS). It shall be possible to re-transmit the data using the modem over an established voice connection and by SMS. If it is impossible to communicate through mobile phone networks, the unsent data shall be stored in non-volatile memory and transmitted as soon as it becomes possible.
 - 6.5.5. After completion of the emergency call the device shall:
 - 6.5.5.1. be able to receive an SMS command to make a second emergency call and then repeat the emergency call for a configurable period of time;
 - 6.5.5.2. automatically receive incoming phone calls for at least 20 minutes after completion of the emergency call.
 - 6.6. The emergency call device shall support functional self-testing in automatic and manual modes, and inform about a failure through optical status lights or an appropriate message displayed in the instrument panel. It shall be possible to transfer the results of testing through mobile phone networks supporting standards listed in the paragraph 6.5.
 - 6.7. The emergency call device shall pass functional diagnostics tests in accordance with Annex 12.
 - 6.8. The emergency call device shall be capable of autonomous operation for at least 60 minutes in incoming call waiting mode and then for at least 10 minutes in the voice communication mode by using backup battery without power supply from the vehicle electrical system. The life expectancy of the backup battery shall be at least 3 years long.
 - 6.9. The emergency call device shall support joint operation with optional external devices (including accident detection devices) connected by means of a standardized connector and using standardized data transfer protocol.

The physical data transfer interface shall support data transmission rates of at least 62.5 kbit/s.

7. Making modifications to an emergency call device type and extension of approval

- 7.1. Every modification to an existing type of emergency call device including its connection to the bodywork shall be notified to the Type Approval Authority which approved the type of device for indirect vision. The Type Approval Authority shall then either:
 - 7.1.1. acknowledge that the changes do not have any significant adverse effect and the emergency call device continues to meet the requirements;
 - 7.1.2. or require the technical service entitled to conduct tests to issue a new test report.
- 7.2. Confirmation or refusal of approval, specifying the alterations shall be communicated by the procedure specified in paragraph 5.3. above to the Parties to the Agreement which apply this Regulation.
- 7.3. All Parties to the 1958 Agreement applying this Regulation shall be notified on the extension of approval in accordance with the procedure specified in the paragraph 5.3. above.
- 7.4. The Type Approval Authority issuing the extension of approval shall assign a series number to each communication form drawn up for such an extension.

8. Conformity of production

- 8.1. The conformity of production procedure shall comply with those set out in the Agreement, Appendix 2 (E/ECE/324-E/ECE/TRANS/505/Rev.2).
- 8.2. Each emergency call device approved under this Regulation shall be so manufactured as to conform to the type approved by meeting the requirements set out in paragraph 6. above.

9. Penalties for non-conformity of production

- 9.1. The approval granted in respect of a type of emergency call device pursuant to this Regulation may be withdrawn if the requirement laid down in paragraph 8.1. above is not complied with or if the type of emergency call device did not satisfy the requirements prescribed in paragraph 8.2. above.
- 9.2. If a Party to the Agreement which applies this Regulation withdraws an approval it has previously granted, it shall forthwith so notify the other Contracting Parties applying this Regulation by means of a copy of the communication form bearing at the end, in large letters, the signed and dated annotation "APPROVAL WITHDRAWN".

10. Production definitively discontinued

If the holder of the approval completely ceases to manufacture a type of emergency call device approved in accordance with this Regulation, he shall so inform the authority which granted the approval. Upon receiving the relevant communication that authority shall inform thereof the other Parties to the Agreement applying this Regulation by means of a copy of the approval form bearing at the end, in large letters, the signed and dated annotation "PRODUCTION DISCONTINUED".

11. The names and addresses of technical services entitled to conduct approval tests and of administrative bodies

The Parties to the Agreement applying this Regulation shall communicate to the United Nations Secretariat the names and addresses of the Technical Services responsible for conducting approval tests and of the Type Approval Authorities which grant approval and to which forms certifying approval or refusal or extension or withdrawal of approval, issued in other countries, are to be sent.

II. Installation of emergency call devices

12. Definitions

For the purpose of this Regulation:

- 12.1. "Emergency call system" means an emergency call device, which uses signals received from sensor(s) of passive safety systems or other on-board vehicle systems not directly related to the emergency call device, for automatic reporting of road accidents;
- 12.2. "The moment of an accident" means the point in time, when a signal is received from sensor(s) that detect the rate of vehicle deceleration;
- 12.3. "Accident report" means a set of data transmitted by the emergency call device, which includes, at least, vehicle brand and type, vehicle identification number (VIN), vehicle geographic coordinates and motion parameters during the accident, as well as the exact time of the road accident.

13. Application for approval

- 13.1. The application for approval of a vehicle type with regard to the installation of emergency call devices shall be submitted by the vehicle manufacturer or by his duly accredited representative.
- 13.2. A model of information document is shown in Annex 2.
- 13.3. A vehicle representative of the vehicle type to be approved shall be submitted to the Technical Service responsible for conducting the approval tests.
- 13.4. The Competent Authority shall verify the existence of satisfactory arrangements for ensuring effective checks on conformity of production before type approval is granted.

14. Approval

- 14.1. If the vehicle type submitted for approval in accordance with paragraph 13. above meets the requirements of paragraph 15. of this Regulation, approval shall be granted.
- 14.2. An approval number shall be assigned to each type approved. Its first two digits (at present 00) shall indicate the series of amendments incorporating the most recent or technical amendments made to the Regulation at the time of issue of the approval. The same Contracting Party shall not assign the same number to another vehicle type.
- 14.3. Notice of approval or of refusal or of extension or withdrawal of approval of a vehicle type pursuant to this Regulation shall be communicated to the Parties to the Agreement which apply this Regulation by means of a form conforming to the model in Annex 4 to this Regulation.
- 14.4. There shall be affixed, conspicuously and in a readily accessible place specified on the approval form, to every vehicle conforming to a vehicle type approved under this Regulation, an international approval mark conforming to the model described in Annex 5, consisting of:
 - 14.4.1. a circle surrounding the letter "E" followed by the distinguishing number of the country which has granted approval^{3/}
 - 14.4.2. the number of this Regulation, followed by letter "R", a dash and the approval number located to the right of the circle prescribed in the paragraph 14.4.1. above.
- 14.5. If the vehicle conforms to a vehicle type approved under one or more other Regulations, annexed to the Agreement, in the country which has granted approval under this Regulation, the symbol prescribed in paragraph 14.4.1. need not be repeated; in such a case, the Regulation and approval numbers and the additional symbols shall be placed in vertical columns to the right of the symbol prescribed in paragraph 14.4.1. above.
- 14.6. The approval mark shall be clearly legible and indelible.
- 14.7. The approval mark shall be placed close to or on the vehicle data plate.

15. Requirements

- 15.1. General
 - 15.1.1. The emergency call device fitted to the vehicle shall be of a type approved under this Regulation.
 - 15.1.2. The emergency call device shall be connected to the vehicle's power system to support operation of the emergency call device in all required modes and charge the backup battery (if available).
 - 15.1.3. The antennas of an emergency call device shall provide for stable reception of signals from at least two existing global navigation satellite systems, and reliable communication over mobile phone networks of GSM 900, GSM

^{3/} As defined in Annex 1 of the Consolidated Resolution on the Construction of Vehicles (RE3) (document TRANS/WP.29/78/Rev.2).

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- 1800, UMTS 900 and UMTS 2000 standards in the vehicle's normal operational position.
- 15.1.4. The emergency call device shall provide for:
- 15.1.4.1. transmission of the accident report after the emergency call button is pressed. The fact of transmission and the content of the accident report shall be registered by the technical service;
- 15.1.4.2. bilateral hands free voice communication with the emergency service operators through the mobile phone network. The fact of connection and possibility of voice communication shall be registered by the technical service;
- 15.1.4.3. switching off other means of sound reproduction in the vehicle for the period of a voice emergency call, except for special communication devices (if available). Fulfillment of this requirement is confirmed by results of tests carried out in accordance with the procedure set out in Annex 13.
- 15.1.5. The emergency call button
- 15.1.5.1. The emergency call button shall be installed in a location directly visible for the driver and the front passenger – a man of 50-percentile representation level (if the design of the vehicle includes a passenger seat next to the driver's seat). It shall be possible for them to reach the emergency call button without unbuckling the seat belts.
- 15.1.5.2. The emergency call button shall be protected against accidental pressing. The protection shall be mechanical.
- 15.1.5.3. The emergency call button shall be illuminated.
- 15.1.5.4. The emergency call button shall have an identification symbol [in accordance with Regulation No.121].
- 15.1.6. The optical indicator of the emergency call device status
- 15.1.6.1. A constantly lit (not flashing) optical red light also visible in daylight [in accordance with Regulation No.121] shall be used.
- 15.1.6.2. The optical indicator shall be placed in the area directly visible from the driver's and front passenger's seats meeting the criteria set forth in the paragraph 15.1.5.1. above.
- 15.1.6.3. The optical indicator shall turn on:
- 15.1.6.3.1. shortly (from 3 to 10 seconds), when the electrical equipment of the vehicle is powered after the ignition (start) switch is turned to the "on" (operational) position;
- 15.1.6.3.2. constantly, if a fault occurs (exists) in the system, which does not allow to meet the requirements of the paragraph 15.1.4. above, and remains on while the failure persists and the ignition (start) switch is in the "on" (operational) position.
- 15.1.6.4. The optical indicator shall have an identification symbol [in accordance with Regulations No.121].
- 15.1.6.5. The optical indicator may be combined with the emergency call button.
- 15.1.6. An absence of the optical indicator complying the above requirements is allowed, if the proper functioning of the emergency call device can be

confirmed at each powering on of the vehicle's electrical equipment after turning the ignition (start) switch to the "on" (operational) position by another optical indicator and display of text messages about the emergency call device malfunction on the instrument panel, which persists as long as the failure persists and the ignition (start) switch stays in the "on" (operational) position.

- 15.2. Additional requirements for emergency call systems
- 15.2.1. The requirements apply to category M₁ vehicles included in the scope of Regulation No. 94 and (or) 95, and category N₁, vehicles included in the scope of Regulation No. 95.
- 15.2.2. The type of vehicle with regard to installation of an emergency service call system for M₁ category is the vehicle type according to Regulation No. 94 or 95; and for N₁ category - the vehicle type according to Regulation No.95.
- 15.2.3. The emergency call system shall be able to:
 - 15.2.3.1. report an accident automatically in the moment it occurs. The fact of transmission and content of the accident report shall be registered by the technical service:
 - 15.2.3.1.1. at simulated frontal collision of the vehicle during the tests according to Regulation No. 94. In the event that the vehicle is not included in the scope of the Regulation No.94, the simulation of a frontal collision is done during the tests for compliance with Regulations No. 12.
 - 15.2.3.1.2. at simulated side collision of the vehicle during the tests according to Regulation No. 95.
 - 15.2.3.2. remain operational and maintain bilateral hands-free voice communication with emergency services via mobile phone network after the tests specified in paragraph 15.2.3.1. The fact of connection and possibility of voice communication shall be registered by the technical service;

16. Modifications of the vehicle type and extension of approval

- 16.1. Every modification of the vehicle type shall be notified to the Type Approval Authority which approved the vehicle type. The Type Approval Authority may then either:
 - 16.1.1. acknowledge that the changes do not have any significant adverse effect and the emergency call device continues to meet the requirements;
 - 16.1.2. or require the technical service entitled to conduct tests to issue a new test report.
- 16.2. Confirmation or refusal of approval, specifying the alterations shall be communicated to the Parties to the Agreement applying this Regulation by means of a card conforming to the model in Annex 4 to this Regulation.
- 16.3. The Type Approval Authority issuing the extension of approval shall assign a series number to each communication form drawn up for such an extension.

17. Conformity of production

- 17.1. The conformity of production procedure shall comply with those set out in the Agreement, Appendix 2, (E/ECE/324-E/ECE/TRANS/505/Rev.2).
- 17.2. Every vehicle approved under this Regulation shall be so manufactured as to conform to the type approved by meeting the requirements set out in paragraph 15. above.

18. Penalties for non-conformity of production

- 18.1. The approval granted in respect of a vehicle type pursuant to this Regulation may be withdrawn if the requirement laid down in paragraph 17.1. above is not complied with or if the vehicle fails to pass the checks prescribed in paragraph 17.2. above.
- 18.2. If a Party to the Agreement which applies this Regulation withdraws an approval it has previously granted, it shall forthwith so notify the other Contracting Parties applying this Regulation by means of a copy of the approval form bearing at the end, in large letters, the signed and dated annotation "APPROVAL WITHDRAWN".

19. Production definitively discontinued

If the holder of the approval completely ceases to manufacture a type of vehicle approved in accordance with this Regulation, he shall so inform the authority which granted the approval. Upon receiving the relevant communication, that authority shall inform thereof the other Parties to the Agreement applying this Regulation by means of a copy of the approval form bearing at the end, in large letters, the signed and dated annotation "PRODUCTION DISCONTINUED".

20. Names and addresses of Technical Services responsible for conducting approval tests, and of Type Approval Authorities

The Parties to the Agreement applying this Regulation shall communicate to the United Nations Secretariat the names and addresses of the Type Approval Authorities responsible for conducting approval tests and of the Administrative Departments which grant approval and to which forms certifying approval or refusal or extension or withdrawal of approval, issued in other countries, are to be sent.

Annex 1

Information document for type approval of an emergency call device

The following information, if applicable, shall be supplied in triplicate and include a list of contents.

Any drawings shall be supplied in appropriate scale and in sufficient detail on size A4 paper or on a folder of A4 format.

Photographs, if any, shall show sufficient detail.

1. Make (trade name of manufacturer):.....
2. Type and general commercial description(s):
3. Means of type identification, if the emergency call device
bears corresponding marking:
4. Name and address of manufacturer:
5. Location of the approval mark:
6. Address(es) of the assembly plant(s):
7. Delivery set (specify the items included in the package):
8. Description of the device mounting method(s) on the vehicle:
9. Sufficiently detailed drawings to identify the complete device
including installation instructions; the position for the type-approval
mark has to be indicated on the drawings:

Annex 2

Information document for type approval of vehicle with respect to the installation of emergency call devices

The following information, if applicable, shall be supplied in triplicate and include a list of contents.

Any drawings shall be supplied in appropriate scale and in sufficient detail on size A4 paper or on a folder of A4 format.

Photographs, if any, shall show sufficient detail.

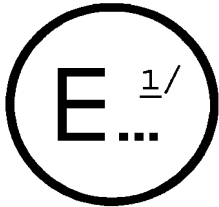
General

1. Make (trade name of manufacturer):.....
2. Type and general commercial description(s):
3. Means of identification of type, if marked on the vehicle:.....
4. Location of that marking:.....
5. Location of the approval mark:
6. Category of vehicle:
7. Name and address of manufacturer:.....
8. Address(es) of assembly plant(s):
9. Photograph(s) and/or drawing(s) of a representative vehicle:.....
10. The emergency call device/system
 - 10.1. Make (trade name of manufacturer):.....
 - 10.2. Type and general commercial description(s):
 - 10.3. Delivery set (specify the items included in the package):
 - 10.4. Description of the communication means for automatic transmission of the accident report (if any):
 - 10.5. Description of the device mounting method(s) on the vehicle:.....
 - 10.6. Drawing(s) specifying the location of the components of..... the emergency call device/system:

Annex 3

Communication

(maximum format: A4 (210 x 297 mm))



issued by: Name of administration

.....
.....
.....

concerning: Approval granted
 Approval extended
 Approval refused
 Approval withdrawn
 Production definitively discontinued

of a type of emergency call device pursuant to Regulation No. XXX

Approval No.... Extension No....

1. Trade name or mark of the device:
2. Manufacturer's name for the type of device:
3. Manufacturer's name and address:
4. If applicable, name and address of Manufacturer's representative:
5. Submitted for approval on (date):
6. Technical Service responsible for conducting approval tests:
7. Date of report issued by that service:
8. Number of report issued by that service:
9. Brief description of the device:
10. Location of approval mark:
11. Reason(s) for extension (if applicable):
12. Approval granted/refused/extended/withdrawn ^{2/}
13. Place:
14. Date:

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15. Signature:
 16. The list of documents deposited with the Type Approval Authority which has granted approval is annexed to this communication and may be obtained on request.

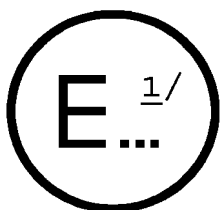
^{1/} Distinguishing number of the country which has granted/extended/refused/withdrawn approval (see approval provisions in the Regulations).

^{2/} Delete as appropriate.

Annex 4

Communication

(maximum format: A4 (210 x 297 mm))



issued by: Name of administration

.....
.....
.....

- concerning:
- Approval granted
 - Approval extended
 - Approval refused
 - Approval withdrawn
 - Production definitively discontinued

of a vehicle type with regard to installation of an emergency call device pursuant to Regulation No. XXX

Approval No.... Extension No....

1. Make (trade name of manufacturer):
2. Type and general commercial description(s):
3. Means of identification of type, if marked on the vehicle:.....
4. Location of that mark:.....
5. Location of that marking:.....
6. Category of vehicle: (M₁; M₂; M₃; N₁; N₂; N₃) ^{2/}
- 6.1. The vehicle is/is not included in the scope of Regulation No. 12, 94, 95 ^{2/}
7. Manufacturer's name and address:
8. Address(es) of the production plant(s):.....
9. Emergency call device/system ^{2/}
- 9.1. Make (trade name of manufacturer):.....
- 9.2. Type and general commercial description(s):

-
- 9.3. Delivery set (specify the items included in the package):
 - 9.4. Automatic transmission of accident notification: Yes/No ^{2/}
 10. Technical Service responsible for conducting approval tests:
 11. Date of report issued by that service:
 12. Number of report issued by that service:
 13. Place:
 14. Date:
 15. Signature:
 16. The list of documents deposited with the Type Approval Authority
which has granted approval is annexed to this communication
and may be obtained on request

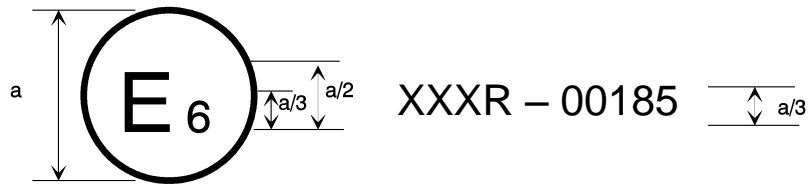
^{1/} Distinguishing number of the country which has granted/extended/refused/withdrawn approval (see approval provisions in the Regulations).

^{2/} Delete as appropriate.

Annex 5

Arrangement of the approval mark

(See paragraphs 5.4. and 14.4. of the Regulation)



The above approval mark affixed to an emergency call device / vehicle shows that the emergency call device type / vehicle type with regard to installation of the emergency call device concerned has been approved in Belgium (E6) pursuant to Regulation No. XXX. The first two digits of the approval number indicate that the approval was granted in accordance with the requirements of Regulation No. XXX in its original form.

Annexes 6 - 13

To be provided later
