

Regulation No. XXX

UNIFORM PROVISIONS CONCERNING THE APPROVAL OF I EMERGENCY CALL DEVICES (AECD) II VEHICLES WITH REGARD TO THE INSTALLATION OF AN AECD OF AN APPROVED TYPE III VEHICLES WITH REGARD TO THEIR AECS

Contents

1. Scope

This Regulation applies to:

- (a) Part I: the AECDs which are intended to be fitted to vehicles of categories M1 and N1¹;
- (b) Part II: the installation on vehicles of categories M1 and N1 of AECDs which have been approved to Part I of this regulation.
- (c) Part III: vehicles of categories M1 and N1 with regard to their AECS or equipped with an AECD which has not been separately approved according to Part I of this Regulation.

Contracting Parties may choose to limit their acceptance of such approvals to one or more classes of AECDs, the installation on vehicles of categories M1 and N1 of one or more classes of AECDs which have been approved to Part I of this regulation or types of vehicles of one or more classes.

Any Contracting Party wishing to do so shall notify the Secretary General of the United Nations of its intention. Such notification or modification thereto shall have effect in accordance with the time scale laid down in Article 1, paragraphs 6 and 7 of the 1958 Agreement (E/ECE/324-E/ECE/TRANS/505/Rev.2).

Part I: EMERGENCY CALL DEVICES (AECD)

2. Definitions

For the purposes of this Regulation:

2.1. ...

¹ As defined in Section 2 of the Consolidated Resolution on the Construction of Vehicles (R.E.3) (document TRANS/WP.29/78/Rev.2) – www.unece.org/trans/main/wp29/wp29wgs/wp29gen/wp29resolutions.html.

- 2.2. ...
- 2.3. For the purpose of this regulation,
- 2.3.1. “*Type of AECD of Class I*” means devices that do not differ in such essential respects as:
- (a) Their manufacturer's trade name or mark;
 - (b) their construction;
 - (c) the dimensions, structure and materials of their attachments and supports
 - (d) their capabilities in communication on the mobile telephone communication networks GSM-900, GSM-1800, UMTS-900 and UMTS-2100
- 2.3.2. “*Type of AECD of Class II*” means devices that do not differ in such essential respects as:
- (a) Their manufacturer's trade name or mark;
 - (b) their construction;
 - (c) the dimensions, structure and materials of their attachments and supports
 - (d) their capabilities in communication on the mobile telephone communication networks GSM 900, GSM 1800, UMTS 2100 and UMTS 1700/2100
- 2.3.3. “*Type of AECD of Class III*” means devices that do not differ in such essential respects as:
- (a) Their manufacturer's trade name or mark;
 - (b) their construction;
 - (c) the dimensions, structure and materials of their attachments and supports;
 - (d) their capabilities in communication on the mobile telephone communication networks GSM 850, GSM 1900, UMTS 850, UMTS 1700/2100, UMTS 1900
- 2.4. “MSD (Minimum Set of Data)” means the Minimum Set of Data forming the data component of an eCall
- Etc.

3. Application for approval of an AECD

- 3.1 The application for approval of a type of AECD shall be submitted by the holder of the trade name or mark or by his duly accredited representative.
- 3.2 A model of the information document is given in Annex 1.
- 3.3 For each type of AECD, the application shall be accompanied by samples of complete sets of AECDs in sufficient quantities for the tests prescribed by this regulation. Additional specimens may be called for at the request of the laboratory.

4. Markings of an AECD

- 4.1. The samples of AECD submitted for approval shall bear the trade name or mark of the manufacturer. This marking shall figure at least on the unit or units containing the navigation system receiver and communications module. It shall be clearly legible and be indelible.
- 4.2. The unit or units containing the navigation system receiver and communications module shall possess a space large enough to accommodate

the approval mark. This space shall be shown on the drawings referred to in Annex 1.

5. Approval

5.1 If the samples submitted for approval meet the requirements of paragraph 6 of this Regulation, approval of the pertinent type of AECD shall be granted.

5.2 An approval number shall be assigned to each type approved. The 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 AECD.

5.3 Notice of approval or of refusal, or of extension or withdrawal of approval, or of production definitively discontinued of a type of AECD 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 There shall be affixed, conspicuously and in the space referred to in paragraph 4.2 above, to every AECD conforming to a type approved under this Regulation, in addition to the mark prescribed in paragraph 4.1., an international approval mark conforming to the model given in annex 5, consisting 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 to the right of the circle prescribed in paragraph 5.4.1.

5.4.3. In the case of AECD type approved as **Class I**, the additional roman figure “I” shall be placed immediately to the right of the letter 'R' mentioned in paragraph 5.4.2.

In the case of AECD type approved as **Class II**, the additional roman figure “II” shall be placed immediately to the right of the letter 'R' mentioned in paragraph 5.4.2.

In the case of AECD type approved as **Class III**, the additional roman figure “III” shall be placed immediately to the right of the letter 'R' mentioned in paragraph 5.4.2.

5.5 The approval mark shall be clearly legible and be indelible.

6. General requirements

6.1. ...

6.2. ...

² The distinguishing numbers of the Contracting Parties to the 1958 Agreement are reproduced in annex 3 to the Consolidated Resolution on the Construction of Vehicles (R.E.3), document ECE/TRANS/WP.29/78/Rev.2/Amend.3 –www.unece.org/trans/main/wp29/wp29wgs/wp29gen/wp29resolutions.html.

- 6.3. ...
- 6.4. ...
- 6.5. The AECD shall provide navigation solution with accuracy of 15 m at confidence factor 0,95. This requirement shall be deemed to be met if the AECD satisfies the performance requirements of paragraph 7.3.

- 6.6. Communication with mobile telephone networks
 - 6.6.1. The AECD submitted for approval to **Class I** shall be capable of communication on at least the mobile telephone communication networks GSM-900, GSM-1800, UMTS-900 and UMTS-2100. This shall be demonstrated by compliance with the requirements of 3GPP TS 51.010-1, ETSI TS 126 267, ETSI TS 126 268, ETSI TS 126 269, ETSI TS 124 008, 3GPP TS 34.121-1, 3GPP TS 34.122
 - 6.6.2. The AECD submitted for approval to **Class II** shall be capable of communication on at least the mobile telephone communication GSM 900, GSM 1800, UMTS 2100 and UMTS 1700/2100. This shall be demonstrated by compliance with the requirements of XXX
 - 6.6.3. The AECD submitted for approval to **Class III** shall be capable of communication on at least the mobile telephone communication GSM 850, GSM 1900, UMTS 850, UMTS 1700/2100 and UMTS 1900. This shall be demonstrated by compliance with the requirements of XXX
 - 6.6.4. ...
- 6.7. When triggered, the AECD shall initiate an emergency call supplemented with a minimum set of emergency related data (MSD).
 - 6.7.1. **AECD of Class I shall:**
 - 6.7.1.1. be able of in-band data transmission in accordance with ETSI TS 126 267 V11.0.0.;
 - 6.7.1.2. comply with the provisions of ...
 - 6.7.1.3. ...
 - 6.7.2. **AECD of Class II** shall be able of data transmission in accordance with [TBD - packet net]
 - 6.7.3. Failure provisions
 - 6. 7.3.1. ...

- 6.8. The AECD shall provide full duplex hands-free voice connection with the PSAP or TPS. This shall be demonstrated by:
 - 6.8.1. **AECD of Class I:** compliance with the provisions of paragraph XXXVOICE
 - 6.8.2. **AECD of Class II:** [TBD – Circuit switch net]
- 6.9. After the emergency call is completed, the AECD shall
 - 6.9.1. ...
- 6.10. Test mode.

When equipped with a test mode, the AECD shall:

6.10.1. ...

6.11. ...

7. Performance requirements

7.1. ...

7.2. ...

Etc.

8. Modification and extension of approval of the type of AECD

8.1. Every modification to an existing AECD type, shall be notified to the Type Approval Authority which approved the AECD type. The Type Approval Authority shall then either:

- (a) decide, in consultation with the manufacturer, that a new type-approval is to be granted; or
- (b) apply the procedure contained in paragraph 8.1.1. (Revision) and, if applicable, the procedure contained in paragraph 8.1.2. (Extension).

8.1.1. Revision

When particulars recorded in the information documents of Annex 1 have changed and the Type Approval Authority considers that the modifications made are unlikely to have appreciable adverse effect, and that in any case the AECD still meets the requirements, the modification shall be designated a "revision".

In such a case, the Type Approval Authority shall issue the revised pages of the information documents of Annex 1 as necessary, marking each revised page to show clearly the nature of the modification and the date of re-issue. A consolidated, updated version of the information documents of Annex 1, accompanied by a detailed description of the modification, shall be deemed to meet this requirement.

8.1.2. Extension

The modification shall be designated an "extension" if, in addition to the change of the particulars recorded in the information folder,

- (a) further inspections or tests are required; or
- (b) any information on the communication document (with the exception of its attachments) has changed; or
- (c) approval to a later series of amendments is requested after its entry into force.

8.2. Notice of confirmation, extension, or refusal of approval shall be communicated by the procedure specified in paragraph 5.3. above, to the Contracting Parties to the Agreement which apply this Regulation. In addition, the index to the information documents and to the test reports, attached to the

communication document of Annex 1, shall be amended accordingly to show the date of the most recent revision or extension.

- 8.3. The Competent Authority issuing the extension of approval shall assign a series number to each communication form drawn up for such an extension.

9. Conformity of production

- 9.1 The conformity of production procedure shall comply with the requirements set out in the Agreement, Appendix 2 (E/ECE/324 E/ECE/TRANS/505/Rev.2).

- 9.2 Every AECD 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.

10. Penalties for non-conformity of production

- 10.1 The approval granted in respect of a type of AECD pursuant to this Regulation may be withdrawn if the requirement laid down in paragraph 9.1 above is not complied with or if the type of AECD does not satisfy the requirements prescribed in paragraph 9.2 above.

- 10.2 If a Party to the Agreement applying 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".

11. Production definitively discontinued

If the holder of the approval completely ceases to manufacture a type of AECD 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 which apply 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".

12. Names and addresses of technical services responsible for conducting approval tests, and of administrative departments

The Parties to the Agreement which apply 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 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.

Part II VEHICLES WITH REGARD TO THE INSTALLATION OF AN AECD OF AN APPROVED TYPE

13. Definitions

For the purposes of this Regulation:

- 13.1. “*Type of vehicle*” means vehicles that do not differ in such essential respects as:
- (a) Their manufacturer's trade name or mark;
 - (b) the type of their AECD
 - (c) vehicle features which significantly influence the performances of the AECD
- 13.2. etc.

13. Application for approval of a vehicle type equipped with an AECD which has been approved to Part I of this regulation

- 14.1 The application for approval of a vehicle type with regard to the installation of AECD shall be submitted by the vehicle manufacturer or by his duly accredited representative.
- 14.2 A model of the information document is shown in annex 2.
- 14.3 A vehicle representative of the vehicle type to be approved shall be submitted to the technical service responsible for conducting the approval tests.
- 14.4 The competent authority shall verify the existence of satisfactory arrangements for ensuring effective checks on conformity of production before type approval is granted.

15. Approval

- 15.1 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.
- 15.2 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 vehicle type.
- 15.3 Notice of approval or of refusal, or of extension or withdrawal of approval, or of production definitively discontinued 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.
- 15.4 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:

- 15.4.1 A circle surrounding the letter “E” followed by the distinguishing number of the country which has granted approval;³
- 15.4.2 The number of this Regulation, followed by the letter “R”, a dash and the approval number to the right of the circle prescribed in paragraph 15.4.1.
- 15.4.3. **In the case of a vehicle equipped with an AECD type approved as Class I**, the additional roman figure “I” shall be placed immediately to the right of the letter 'R' mentioned in paragraph 15.4.2.
- In the case of a vehicle equipped with an AECD type approved as Class II**, the additional roman figure “II” shall be placed immediately to the right of the letter 'R' mentioned in paragraph 15.4.2.
- In the case of a vehicle equipped with an AECD type approved as Class III**, the additional roman figure “III” shall be placed immediately to the right of the letter 'R' mentioned in paragraph 15.4.2.
- 15.5 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 15.4.1. 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 15.4.1 above.
- 15.6 The approval mark shall be clearly legible and be indelible.
- 15.7 The approval mark shall be placed close to or on the vehicle data plate.

16. Requirements

- 16.1 General
- 16.1.1 The AECD installed in a vehicle shall be of a type approved under this Regulation.
- 16.1.2 ...
- 16.1.3. Communication with mobile telephone networks
- 16.1.3.1. The vehicle equipped with AECD **approved to Class I** shall be capable of communication on at least the mobile telephone communication networks GSM-900, GSM-1800, UMTS-900 and UMTS-2100. This shall be demonstrated by compliance with the requirements of 3GPP TS 51.010-1, ETSI TS 126 267, ETSI TS 126 268, ETSI TS 126 269, ETSI TS 124 008, 3GPP TS 34.121-1, 3GPP TS 34.122
- 16.1.3.2. The vehicle equipped with AECD **approved to Class II** shall be capable of communication on at least the mobile telephone communication GSM 900, GSM 1800, UMTS 2100 and UMTS 1700/2100. This shall be demonstrated by compliance with the requirements of XXXClassII

³ The distinguishing numbers of the Contracting Parties to the 1958 Agreement are reproduced in annex 3 to the Consolidated Resolution on the Construction of Vehicles (R.E.3), document ECE/TRANS/WP.29/78/Rev.2/Amend3 – www.unece.org/trans/main/wp29/wp29wgs/wp29gen/wp29resolutions.html.

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- 16.1.3.3. The vehicle equipped with AECD approved to Class III shall be capable of communication on at least the mobile telephone communication GSM 850, GSM 1900, UMTS 850, UMTS 1700/2100 and UMTS 1900. This shall be demonstrated by compliance with the requirements of XXXClassIII
- 16.1.4. The vehicle shall be equipped with:
- 16.1.4.1. An AECD approved to this regulation.
- 16.1.4.2. ...
- 16.1.5. Vehicles of categories M1 exceeding 2,5 tons, and N1 where the "R" point of the lowest seat is higher than 700 mm from ground level, shall be equipped with an emergency call control complying with the requirements of UN R121.

Etc.

- 16.2. Vehicles equipped with an AECD of Class I shall comply with the requirements of paragraphs 6.7.1., 6.8.1.
- 16.2. Vehicles equipped with an AECD of Class II shall comply with the requirements of paragraphs 6.7.2., 6.8.2.
- 16.3. When subject to a frontal or lateral collision, vehicles equipped with an AECD of Class I shall comply with the performance requirements of paragraph 17.XXXI
- 16.4. When subject to a frontal or lateral collision, vehicles equipped with an AECD of Class II shall comply with the performance requirements of paragraph 17.XXXII

Etc.

17. Performance requirements

- 17.1. etc.
- 17.XXXI Vehicles equipped with an AECD of Class I shall
- 17.XXXII Vehicles equipped with an AECD of Class II shall
- 17.XXXIII Vehicles equipped with an AECD of Class III shall

18. Modifications and extension of approval of a vehicle type equipped with an AECD which has been approved to Part I of this regulation

- 18.1. Every modification to an existing vehicle type shall be notified to the Type Approval Authority which approved the vehicle type. The Type Approval Authority shall then either:
- (a) decide, in consultation with the manufacturer, that a new type-approval is to be granted; or
- (b) apply the procedure contained in paragraph 18.1.1. (Revision) and, if applicable, the procedure contained in paragraph 18.1.2. (Extension).
- 18.1.1. Revision

When particulars recorded in the information documents of Annex 1 have changed and the Type Approval Authority considers that the modifications made are unlikely to have appreciable adverse effect, and that in any case the vehicle still meets the requirements, the modification shall be designated a "revision".

In such a case, the Type Approval Authority shall issue the revised pages of the information documents of Annex 1 as necessary, marking each revised page to show clearly the nature of the modification and the date of re-issue. A consolidated, updated version of the information documents of Annex 1, accompanied by a detailed description of the modification, shall be deemed to meet this requirement.

18.1.2. Extension

The modification shall be designated an "extension" if, in addition to the change of the particulars recorded in the information folder,

- (a) further inspections or tests are required; or
- (b) any information on the communication document (with the exception of its attachments) has changed; or
- (c) approval to a later series of amendments is requested after its entry into force.

18.2. Notice of confirmation, extension, or refusal of approval shall be communicated by the procedure specified in paragraph 15.3. above, to the Contracting Parties to the Agreement which apply this Regulation. In addition, the index to the information documents and to the test reports, attached to the communication document of Annex 1, shall be amended accordingly to show the date of the most recent revision or extension.

18.3. The Competent Authority issuing the extension of approval shall assign a series number to each communication form drawn up for such an extension.

19. Conformity of production

19.1 The conformity of production procedure shall comply with the requirements set out in the Agreement, Appendix 2 (E/ECE/324 E/ECE/TRANS/505/Rev.2).

19.2 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 18 above.

20. Penalties for non-conformity of production

20.1 The approval granted in respect of a vehicle type pursuant to this Regulation may be withdrawn if the requirement laid down in paragraph 19.1 above is not complied with or if the vehicle fails to pass the checks prescribed in paragraph 19.2 above.

20.2 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".

21. Production definitively discontinued

If the holder of the approval completely ceases to manufacture a vehicle type approved in accordance with this Regulation, he or she 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 which apply 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".

22. Names and addresses of technical services responsible for conducting approval tests, and of administrative departments

The Parties to the Agreement which apply 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 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.

Part III VEHICLES WITH REGARD TO THEIR AECS

23. Definitions

23.1. xxx

23.2. yyy

23.3. For the purpose of this regulation,

23.3.1. "**Type of vehicle of Class I**" means vehicles that do not differ in such essential respects as:

- (a) Their manufacturer's trade name or mark;
- (b) vehicle features which significantly influence the performances of the AECS
- (c) their capabilities in communication on the mobile telephone communication networks GSM-900, GSM-1800, UMTS-900 and UMTS-2100

23.3.2. "**Type of vehicle of Class II**" means vehicles that do not differ in such essential respects as:

- (a) Their manufacturer's trade name or mark;
- (b) vehicle features which significantly influence the performances of the AECS
- (c) their capabilities in communication on the mobile telephone communication networks GSM 900, GSM 1800, UMTS 2100 and UMTS 1700/2100

23.3.3. "**Type of vehicle of Class III**" means vehicles that do not differ in such essential respects as:

- (a) Their manufacturer's trade name or mark;
- (b) vehicle features which significantly influence the performances of the AECS;

(c) their capabilities in communication on the mobile telephone communication networks GSM 850, GSM 1900, UMTS 850, UMTS 1700/2100, UMTS 1900

23.4. etc.

22. Application for approval of a vehicle type equipped with an AECS

22.1 The application for approval of a vehicle type with regard to its AECS shall be submitted by the vehicle manufacturer or by his or her duly accredited representative.

22.2 A model of the information document is shown in annex XXX.

22.3 A vehicle representative of the vehicle type to be approved shall be submitted to the technical service responsible for conducting the approval tests.

22.4 The competent authority shall verify the existence of satisfactory arrangements for ensuring effective checks on conformity of production before type approval is granted.

23. Approval

23.1 If the vehicle type submitted for approval in accordance with paragraph 22 above meets the requirements of paragraph 24 of this Regulation, approval shall be granted.

23.2 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 vehicle type.

23.3 Notice of approval or of refusal, or of extension or withdrawal of approval, or of production definitively discontinued 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.

23.4 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:

23.4.1 A circle surrounding the letter "E" followed by the distinguishing number of the country which has granted approval;⁴

23.4.2. The number of this Regulation, followed by the letter "R", a dash and the approval number to the right of the circle prescribed in paragraph 23.4.1.

⁴ The distinguishing numbers of the Contracting Parties to the 1958 Agreement are reproduced in annex 3 to the Consolidated Resolution on the Construction of Vehicles (R.E.3), document ECE/TRANS/WP.29/78/Rev.2/Amend3 – www.unece.org/trans/main/wp29/wp29wgs/wp29gen/wp29resolutions.html.

23.4.3. In the case of vehicles type approved as **Class I**, the additional roman figure "I" shall be placed immediately to the right of the letter 'R' mentioned in paragraph 23.4.2.

In the case of vehicles type approved as **Class II**, the additional roman figure "II" shall be placed immediately to the right of the letter 'R' mentioned in paragraph 23.4.2.

In the case of vehicles type approved as **Class III**, the additional roman figure "III" shall be placed immediately to the right of the letter 'R' mentioned in paragraph 23.4.2.

23.5 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 23.4.1. 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 23.4.1 above.

23.6 The approval mark shall be clearly legible and be indelible.

23.7 The approval mark shall be placed close to or on the vehicle data plate.

24. Requirements

24.1 General

24.2 Functional requirements

25. Modifications and extension of approval of a vehicle type equipped with an AECS

25.1 Every modification to an existing vehicle type shall be notified to the Type Approval Authority which approved the vehicle type. The Type Approval Authority shall then either:

(a) decide, in consultation with the manufacturer, that a new type-approval is to be granted; or

(b) apply the procedure contained in paragraph 25.1.1. (Revision) and, if applicable, the procedure contained in paragraph 25.1.2. (Extension).

25.1.1. Revision

When particulars recorded in the information documents of Annex 1 have changed and the Type Approval Authority considers that the modifications made are unlikely to have appreciable adverse effect, and that in any case the vehicle still meets the requirements, the modification shall be designated a "revision".

In such a case, the Type Approval Authority shall issue the revised pages of the information documents of Annex 1 as necessary, marking each revised page to show clearly the nature of the modification and the date of re-issue. A consolidated, updated version of the information documents of Annex 1,

accompanied by a detailed description of the modification, shall be deemed to meet this requirement

25.1.2. Extension

The modification shall be designated an "extension" if, in addition to the change of the particulars recorded in the information folder,

- (a) further inspections or tests are required; or
- (b) any information on the communication document (with the exception of its attachments) has changed; or
- (c) approval to a later series of amendments is requested after its entry into force.

25.2 Notice of confirmation, extension, or refusal of approval shall be communicated by the procedure specified in paragraph 23.3. above, to the Contracting Parties to the Agreement which apply this Regulation. In addition, the index to the information documents and to the test reports, attached to the communication document of Annex 1, shall be amended accordingly to show the date of the most recent revision or extension.

25.3 The Competent Authority issuing the extension of approval shall assign a series number to each communication form drawn up for such an extension.

26. Conformity of production

26.1 The conformity of production procedure shall comply with the requirements set out in the Agreement, Appendix 2 (E/ECE/324 E/ECE/TRANS/505/Rev.2).

26.2 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 24 above.

27. Penalties for non-conformity of production

27.1 The approval granted in respect of a vehicle type pursuant to this Regulation may be withdrawn if the requirement laid down in paragraph 26.1 above is not complied with or if the vehicle fails to pass the checks prescribed in paragraph 26.2 above.

27.2 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".

28. Production definitively discontinued

If the holder of the approval completely ceases to manufacture a vehicle type approved in accordance with this Regulation, he or she 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 which apply 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".

29. Names and addresses of technical services responsible for conducting approval tests, and of administrative departments

The Parties to the Agreement which apply 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 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 relating to the type approval of an e-call device

The following information, if applicable, shall be supplied in triplicate and shall 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 identification of type, if marked on the device:.....
4. Name and address of manufacturer:
5. Location of and method of affixing the approval mark:
6. Address(es) of assembly plant(s):
7. Arrangement (indicate components included on delivery):
8. Description of method(s) of attachment to the vehicle:
9. Sufficiently detailed drawings to identify the complete device, including installation instructions; the position for the type-approval mark must be indicated on the drawings:.....
- 10 application to type approval of **Class I / Class II / Class III (1)**

(1) strike out what does not apply

Annex 2

Information document relating to the type approval of a vehicle with regard to the installation of e-call devices

The following information, if applicable, shall be supplied in triplicate and shall 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 the marking:.....
5. Location of and method of affixing 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. E-call device/system
- 10.1 Make (trade name of manufacturer):.....
- 10.2 Type and general commercial description(s):
- 10.3 Arrangement (indicate components included in delivery):
- 10.4 Description of means of automatic transmission of information about the accident (if fitted):.....
- 10.5 Description of method(s) of attachment to the vehicle:
- 10.6 Drawing(s) showing the position of the e-call device/system:.....
- 10.7. application to type approval of **Class I / Class II / Class III (1)**.....

(1) strike out what does not apply

Annex 3

Information document relating to the type approval of a vehicle with regard to AECS

The following information, if applicable, shall be supplied in triplicate and shall 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

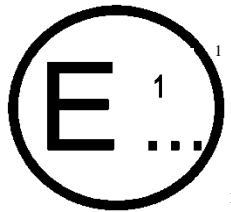
1. Make (trade name of manufacturer):.....
2. Type and general commercial description(s):
3. Means of identification of type, if marked on the vehicle:
4. Location of the marking:.....
5. Location of and method of affixing the approval mark:
6. Category of vehicle:
7. Name and address of manufacturer:.....
8. Address(es) of assembly plant(s):
9. Photograph(s) and/or drawing(s) of a representative vehicle:.....
10. E-call device/system
- 10.1 Make (trade name of manufacturer):.....
- 10.2 Type and general commercial description(s):
- 10.3 Arrangement (indicate components included in delivery):
- 10.4 Description of means of automatic transmission of information about the accident (if fitted):.....
- 10.5. application to type approval of **Class I / Class II / Class III (1)**.....

(1) strike out what does not apply

Annex 4

Communication

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



Issued by: Name of administration:

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

concerning:² Approval granted
 Approval extended
 Approval refused
 Approval withdrawn
 Production definitively discontinued

of a type of e-call device pursuant to Regulation No. XXX

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

1. Trade name or mark of device:
2. Manufacturer's name for the type of device:
3. Name and address of manufacturer:
4. If applicable, name and address of manufacturer's representative:
5. Submitted for approval on:
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 the approval marking:
11. Reason(s) for extension (if applicable):
12. Approval granted/
refused/
extended/
withdrawn:²
13. Place:

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

² Delete as appropriate.

14. Date:.....
15. Signature:
16. The list of documents deposited with the administrative service which has granted approval, is annexed to this communication and may be obtained on request.

Annex 4

Communication

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



Issued by: Name of administration:

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

- concerning:²
- Approval granted
 - Approval extended
 - Approval refused
 - Approval withdrawn
 - Production definitively discontinued

of a **type of vehicle with regard to the installation of e-call devices** 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 marking:.....
5. Position of the approval mark:
6. Category of vehicle: (M₁; M₂; M₃; N₁; N₂; N₃)²
- 6.1 Vehicle is/is not covered by Regulations Nos. 12, 94 or 95²
7. Name and address of manufacturer:.....
8. Address(es) of assembly plant(s):
9. E-call device/system²
- 9.1 Make (trade name of manufacturer):.....
- 9.2 Type and general commercial description(s):
- 9.3 Arrangement (indicate components included):
- 9.4 Automatic transmission of information about accidents: Yes/No²

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

² Delete as appropriate.

10. Technical service responsible for testing:
11. Date of test report:
12. Number of test report:
13. Place:.....
14. Date:.....
15. Signature:
16. The list of documents deposited with the administrative service which granted approval is annexed to this communication and may be obtained on request.

Annex XXX

Communication

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



Issued by: Name of administration:

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

concerning:⁴ Approval granted
 Approval extended
 Approval refused
 Approval withdrawn
 Production definitively discontinued

of a **type of vehicle** with regard to AECS

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 marking:.....
5. Position of the approval mark:
6. Category of vehicle: (M₁; M₂; M₃; N₁; N₂; N₃)²
7. Name and address of manufacturer:.....
8. Address(es) of assembly plant(s):
9. E-call device/system²
- 9.1 Make (trade name of manufacturer):.....
- 9.2 Type and general commercial description(s):
- 9.3 Arrangement (indicate components included):
- 9.4 Automatic transmission of information about accidents: Yes/No²
10. Technical service responsible for testing:
11. Date of test report:
12. Number of test report:

³ Distinguishing number of the country which has granted/extended/refused/withdrawn approval (see approval provisions in the Regulations).

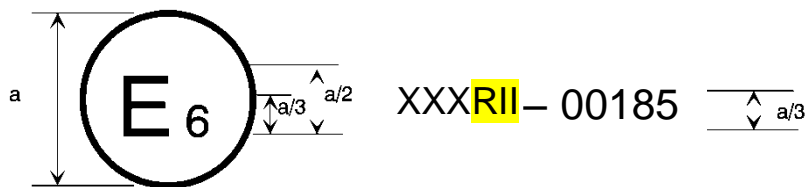
⁴ Delete as appropriate.

13. Place:.....
14. Date:.....
15. Signature:
16. The list of documents deposited with the administrative service which granted approval is annexed to this communication and may be obtained on request.

Annex 5

Arrangement of approval mark

(See paragraphs 5.4 and 14.4 of the Regulation.)



The above approval mark affixed to an e-call device/vehicle, indicates that this type of e-call device/vehicle with regard to the installation of an e-call device has been approved in Belgium (E6) pursuant to Regulation No. XXX. The roman figure 'II' to the right of the letter 'R' indicate that the e-call device/vehicle is of class II. The first two digits of the approval number indicate that the approval was granted in accordance with the requirements of Regulation No. XXX in their original form.