

From the annex to the accreditation certificate **D-PL-17052-01-00**  
according to DIN EN ISO/IEC 17025:2018 from **13.08.2021**  
and all flexibly accredited test methods

Current state: **13.08.2021**

Changes to the previous version are highlighted in grey.

Within the accreditation areas marked with **\*\*\***, the testing laboratory is permitted to use the standardized test methods listed here, or those that are equivalent to them, with different editions, without requiring prior information and approval from the DAkkS.

The testing laboratory has an up-to-date list of all test methods in the flexible accreditation area.

| Checked Form / Date | Checked Content / Date | Released Content / Date |
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## 1 GNSS-based measurement systems (GPS, Galileo, Glonass, Compass)

|  |   |
|--|---|
| PPP80013<br>2020-06                      | Ground Based Augmentation Systems   |
| PPP80019<br>2020-06                      | RTK Services for Dynamic Applications   |
| <b>ISO 17123-8 ***<br/>2015-06</b>       | <b>Optics and optical instruments — Field procedures for testing geodetic and surveying instruments — Part 8: GNSS field measurement systems in real-time kinematic (RTK)</b>                           |
| PPP88101<br>2020-04                      | Testing according to Delegated Regulation 2017/79 Annex VI  |
| <b>DIN EN 16803-1 ***<br/>2016</b>       | <b>Space – Use of GNSS-based positioning for road Intelligent Transport Systems (ITS) – Part 1: Definitions and system engineering procedures for the establishment and assessment of performances;</b> |
| <b>E DIN EN 16803-02 ***<br/>2019-03</b> | <b>Space – Use of GNSS-based positioning for road Intelligent Transport Systems (ITS)– Part 2: Assessment of basic performances of GNSS-based positioning terminals.</b>                                |
| <b>E DIN EN 16803-3 ***<br/>2019-02</b>  | <b>Space — Use of GNSS-based positioning for road Intelligent Transport Systems (ITS) — Part 3: Assessment of security performances of GNSS-based positioning terminals</b>                             |
| PPP88113<br>2021-02                      | GNSS-Simulator Interlaboratory Tests  |
| PPP88114<br>2021-02                      | RTK Interlaboratory Test  |
| PPP88116<br>2020-12                      | UAS Delegated Regulation (EU) 2019-945  |
| PPP88117<br>2021-02                      | Assessment of a GNSS Reference System   |

## 2 Alarm units in vehicles (ESafety - eCall)

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|--|---|
| <b>ETSI TS 103 412 ***<br/>2018-04</b> | <b>Mobile Standards Group (MSG);Pan-European eCall end to end and in-band modem conformance testing; Prose test specification</b>   |
| <b>ÖNORM EN 16454 ***<br/>2015-10</b>  | <b>Intelligent transport systems - ESafety - ECall end to end conformance testing</b>   |
| <b>DIN EN 15722 ***<br/>2021-01</b>    | <b>Intelligent transport systems - ESafety - eCall minimum set of data</b>  |
| <b>DIN EN 15722 ***<br/>2015-04</b>    | <b>Intelligent transport systems - ESafety - eCall minimum set of data</b>  |
| PPP80025<br>2020-04                    | Test program for an eCall simulator   |
| DIN EN 16062<br>2015-08                | Intelligent transport systems - ESafety - eCall high level application requirements (HLAP) using GSM/UMTS circuit switched networks |
| ÖNORM EN 16454<br>2015-10              | Intelligent transport systems - ESafety - ECall end to end conformance testing  |
| DIN EN 15722<br>2015-04                | Intelligent transport systems - ESafety - eCall minimum set of data   |
| PPP80029<br>2020-04                    | Test plan for Conformity Assessment for PSAP<br><i>(valid: only for testing of components)</i>                                      |
| ÖNORM EN 16454<br>2015-10              | Intelligent transport systems - ESafety - eCall end to end conformance testing  |
| PPP80030<br>2020-04                    | Test plan for eCall IVS   |
| ÖNORM EN 16454<br>2015-10              | Intelligent transport systems - ESafety - eCall end to end conformance testing  |
| DIN EN 15722<br>2015-04                | Intelligent transport systems - ESafety - eCall minimum set of data   |
| DIN EN 16062<br>2015-08                | Intelligent transport systems - ESafety - eCall high level application requirements (HLAP) using GSM/UMTS circuit switched networks |
| PPP80031<br>2020-04                    | PSAP test point for eCall in-vehicle systems  |
| DIN EN 16062<br>2015-08                | Intelligent transport systems - ESafety - eCall high level application requirements (HLAP) using GSM/UMTS circuit switched networks |

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|--|--|
| <p>ÖNORM EN 16454<br/>2015-10</p>                                      | <p>Intelligent transport systems - ESafety - eCall end to end conformance testing</p>  |
| <p>DIN EN 15722<br/>2015-04</p>  | <p>Intelligent transport systems - ESafety - eCall minimum set of data)</p>  |
| <p><b>Commission Delegated Regulation (EU) 2017/79 *** 2016-09</b></p> | <p><b>Commission Delegated Regulation (EU) 2017/79 of 12 September 2016 establishing detailed technical requirements and test procedures for the EC type-approval of motor vehicles with respect to their 112-based eCall in-vehicles systems, of 112-based eCall in-vehicle separate technical units and components and supplementing and amending Regulation (EU) 2015/758 of the European Parliament and of the Council with regard to the exemptions and applicable standards</b></p> <p><b>Annex I</b>    <b>Technical requirements and procedures for testing the resistance of eCall in-vehicle systems to severe crashes (high-severity deceleration test)</b></p> <p><b>Annex II</b>    <b>Full-scale impact test assessment</b></p> <p><b>Annex III</b>    <b>Crash resistance of audio equipment,</b></p> <p><b>Annex IV</b>    <b>Co-existence of third party services (TPS) with the 112-based eCall in-vehicle systems,</b></p> <p><b>Annex V</b>    <b>Automatic triggering mechanism,</b></p> <p><b>Annex VI</b>    <b>Technical requirements for compatibility of eCall in-vehicle systems with the positioning services provided by the Galileo and the EGNOS systems</b></p> <p><b>Annex VII</b>    <b>n-vehicle system self-test,</b></p> <p><b>Annex VIII</b>    <b>Technical requirements and test procedures related to privacy and data protection</b></p> |
| <p>PPP0034<br/>2020-02</p>   | <p>Conformity of retrofit TPS unit</p>   |

### 3 European Electronic Toll Service and its technical components (EETS)

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|-------------------------------|--|
| PPP80032B<br>2020-02          | Conformity assessment of the Interoperability of Electronic Toll System according to the Directive 2004/52 |
| CEN ISO/TS 17574<br>2009      | Electronic fee collection - Guidelines for security protection profiles                                    |
| DIN EN ISO 12855<br>2016-04   | Electronic fee collection - Information exchange between service provision and toll charging               |
| DIN EN ISO 17575-1<br>2016-08 | Electronic fee collection - Application interface definition for autonomous systems - Part 1: Charging     |
| DIN EN ISO 17575-3<br>2016-08 | Electronic fee collection - Application interface definition for autonomous systems - Part 3: Context data |

## 4 Abbreviation used

|                      |   |
|----------------------|---|
| Decision 2009/750/EG | Commission Decision of 6 <sup>th</sup> October 2009 on the definition of the European Electronic Toll Service and its technical elements (notified under document C (2009) 7547) (ABl. L268 from 13.10.2009, S. 11-29)  |
| Directive 2004/52/EG | Directive 2004/52/EC of the European Parliament and of the Council of 29 <sup>th</sup> of April 2004 on the interoperability of electronic road toll systems in the Community (ABl. L 166 from 30.04.2004, S. 124; Correction ABl. L 200 from 07.06.2004, S. 50-57) |
| GNSS                 | Global Navigation Satellite System  |
| GPS                  | Global Positioning System, GNSS, USA  |
| Galileo              | GNSS, Europe  |
| Glonass              | Globalnaja nawigazionnaja sputnikowaja Sistema – GNSS Russian Federation  |
| Compass/Beidou       | GNSS People’s Republic of China   |
| Module               | Decision 768/2008/EC 9. July 2008 on common framework fo the marketing of products and repealing Council Decision 93/465/EEC, Modules according to Annex II   |
| PPP                  | In-house method of NavCert GmbH (Privates Prüf-Programm)  |
| PSAP                 | Public Safety Answering Point   |

## Revision History

| Version # | Date of modification<br>(YYYY-MM-DD) | Page(s) | Author | Modification details  |
|-----------|--------------------------------------|---------|--------|---|
| 2         | 2021-08-17                           | All     | AG     | Adjustment to the valid accreditation certificate and aligned the footer. |
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