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Road vehicles - Standardized access to automotive repair and maintenance information (RMI) - Part 5: Heavy duty specific provision (ISO 18541-5:2018)

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Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
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ICS 43.040.15, 43.180

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Véhicules routiers - Normalisation de l'accès aux informations relatives à la réparation et à la maintenance pour l'automobile (RMI) - Partie 5: Dispositions particulières pour les véhicules utilitaires lourds (ISO 18541-5:2018)

Straßenfahrzeuge - Standardisierter Zugang zur Reparatur und Wartungsinformationen (RMI) - Teil 5: Spezifische Anforderungen an den Schwerlastverkehr (ISO 18541-5:2018)

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Contents

Page

Foreword ... **viii**
Introduction ... **ix**
1 Scope ... **1**
2 Normative references ... **1**
3 Terms, definitions and abbreviated terms ... **2**
4 Document overview and structure ... **4**
5 General information ... **4**
5.1 Overview ... 4
5.2 Multi stage and RMI ... 5
6 Basic principles, use case and requirement overview ... **6**
6.1 Basic principles ... 6
6.2 Basic principles for use case definition ... 6
6.3 Basic principles for requirements definition ... 7
6.4 Basic principles for functional user interface requirements definition ... 7
6.5 Basic principles for conformance test case definition ... 7
6.6 Use case clusters ... 8
6.7 Requirements clusters ... 12
6.8 Functional user interface requirements clusters ... 16
6.9 Main conformance test case clusters ... 17
7 Use cases ... **20**
7.1 UC 1 User authentication, authorization and administration ... 20
7.1.1 UC 1.1 Register IO for use of the VM RMI system ... 20
7.1.2 UC 1.2 Register IO employee for use of the VM RMI system ... 20
7.1.3 UC 1.3 Maintain IO status ... 21
7.1.4 UC 1.4 Maintain user status ... 21
7.1.5 UC 1.5 Request to de-register IO employee ... 21
7.1.6 UC 1.6 Login to VM RMI system ... 21
7.1.7 UC 1.7 Grant access to security-related RMI ... 21
7.2 UC 2 Payment for RMI ... 21
7.3 UC 3 Vehicle identification ... 21
7.3.1 UC 3.1 Vehicle identification through use of the VIN ... 21
7.3.2 UC 3.2 Vehicle type identification via product features ... 21
7.3.3 UC 3.3 Vehicle identification through product identifier ... 21
7.3.4 UC 3.4 Unequivocal engine identification ... 22
7.3.5 UC 3.5 Engine type identification via engine features ... 22
7.4 UC 4 Provide selection methods for RMI ... 24
7.4.1 UC 4.1 Select information type ... 24
7.4.2 UC 4.2 Search by standardized terms ... 25
7.4.3 UC 4.3 Navigate using product structure ... 25
7.4.4 UC 4.4 Select by document identifier ... 25
7.5 UC 5 Retrieve information packages ... 25
7.5.1 UC 5.1 Workshop procedures ... 25
7.5.2 UC 5.2 Wiring diagrams ... 25
7.5.3 UC 5.3 Technical service bulletin ... 25
7.5.4 UC 5.4 Recall information ... 26
7.5.5 UC 5.5 Maintenance schedule ... 26
7.5.6 UC 5.6 Spare parts ... 26
7.5.7 UC 5.7 Accessories ... 26
7.5.8 UC 5.8 Labour times ... 26
7.5.9 UC 5.9 Converted vehicles ... 27
7.5.10 UC 5.10 Special tools ... 27

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7.5.11 UC 5.11 Type-approval related information ... 27
7.6 UC 6 Vehicle diagnostics ... 27
7.6.1 UC 6.1 DTC resolution ... 27
7.6.2 UC 6.2 VM symptom resolution ... 27
7.6.3 UC 6.3 Integrated diagnostics ... 28
7.7 UC 7 Updating, replacing and tuning of modules (ECUs) ... 28
7.7.1 UC 7.1 Updating and replacing modules ... 28
7.7.2 UC 7.2 Tuning kit ... 28
7.8 UC 8 Electronic maintenance history ... 28
7.9 UC 9 Repair assistance technical support ... 28
7.10 UC 10 Request contact for specific RMI ... 28
7.10.1 UC 10.1 Electronic tool information (Diagnostic, Reprogramming, VCI) ... 28
7.10.2 UC 10.2 Test equipment and diagnostic tool manufacturers ... 28
7.10.3 UC 10.3 Training material (delegate information) ... 28
7.10.4 UC 10.4 Redistributors ... 28
7.10.5 UC 10.5 Republishers ... 29
7.10.6 UC 10.6 Inspection and testing services ... 29
7.10.7 UC 10.7 Alternative fuels retrofit systems ... 29
7.10.8 UC 10.8 Engine and components remanufacturing ... 29
7.10.9 UC 10.9 Component and parts manufacturers ... 29
7.10.10 UC 10.10 Validation of independently developed non-proprietary VCIs ... 29
7.11 UC 11 Courses and training information ... 29

8 Technical requirements ... 29
8.1 Requirements cluster — Access-related data administration ... 29
8.1.1 [TREQ-1] General access-related data administration ... 29
8.1.2 [TREQ-2] Administration of IO data by the VM ... 29
8.1.3 [TREQ-3] Administration of IO employee data by the VM ... 29
8.1.4 [TREQ-4] Administration of payment data by the VM ... 29
8.1.5 [TREQ-5] Administration of access event data by the VM ... 29
8.1.6 [TREQ-6] Administration of access event data to security-related RMI by the VM ... 30
8.2 Requirements cluster — IT architecture ... 30
8.2.1 [TREQ-7] Conceptual architecture ... 30
8.2.2 [TREQ-8] Implementation principles ... 30
8.3 Requirements cluster — External interfaces ... 30
8.3.1 [TREQ- 9] Vehicle communication interface (VCI) ... 30
8.3.2 [TREQ-10] Trust centre (certificate management) ... 30
8.3.3 [TREQ-11] Parts ordering for security-related features ... 30
8.3.4 [TREQ-12] Partnered accessory provider systems ... 30
8.4 Requirements cluster — Technical infrastructure ... 30
8.4.1 [TREQ-13] Type of device ... 30
8.4.2 [TREQ-14] Hardware features ... 30
8.4.3 [TREQ-15] Operating systems ... 30
8.4.4 [TREQ-16] Web browsers ... 30
8.4.5 [TREQ-17] Presentation formats for information packages ... 31
8.4.6 [TREQ-18] Internet connection ... 31
8.4.7 [TREQ-19] Performance of the VM RMI system ... 31
8.5 Requirements cluster — Co-existence of VM software installed on IO client ... 31
8.5.1 [TREQ-20] Requirements for installing VM-specific software on the IO client ... 31
8.5.2 [TREQ-21] Requirements for updating of installed VM data and applications on the IO client ... 31
8.5.3 [TREQ-22] Requirements for the operation of VM-specific software on the IO client ... 31
8.5.4 [TREQ-23] Requirements for the uninstalling of VM-specific software on the IO client ... 31
8.5.5 [TREQ-24] Requirements for restoring in case of an abnormal termination of the VM-specific software on the IO client ... 31
8.6 Requirements cluster — Operations ... 31

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8.6.1 [TREQ-25] VM RMI system availability time 31
8.6.2 [TREQ-26] Support for the usage of the VM RMI system 31
8.6.3 [TREQ-27] Operation of the IO PC 31
8.6.4 [TREQ-28] Requirements cluster "functional user interface" 31
8.7 ISO 18541-2:2014, Annex A 32

9 Functional user interface requirements 32
9.1 Requirements cluster 1 — Standardized access mode 32
9.1.1 VM RMI system standardized navigation 32
9.1.2 [FREQ-1] RMI access mode 32
9.1.3 [FREQ-2] Registration and login support 32
9.2 Requirements cluster 2 — Use cases map 32
9.2.1 [FREQ-3] VM RMI system implemented use cases map 32
9.2.2 [FREQ-4] Download area 33
9.3 Requirements cluster 3 — Navigational pathway 33
9.3.1 [FREQ-5] Navigational pathway 33

10 Conformance test cases 34
10.1 CT cluster 1 — Test technical infrastructure 34
10.1.1 [RMI-CT_TREQ-13, 14, 15, 16, 18, Annex A] Test client configuration 34
10.1.2 [RMI-CT_TREQ-17] Test presentation formats for information packages 34
10.2 CT cluster 2 — Test client's external interfaces 34
10.2.1 [RMI-CT_TREQ-9] Test vehicle communication interface 34
10.2.2 [RMI-CT_TREQ-11] Test parts ordering for security-related features 34
10.2.3 [RMI-CT_TREQ-12] Test partnered accessory provider systems 34
10.3 CT cluster 3 — Test user authentication, authorization and administration 34
10.3.1 [RMI-CT_UC1.1] Test to register IO for use of the VM RMI system 34
10.3.2 [RMI-CT_UC1.2_A] Test to register IO employee for use of the VM RMI system — Scenario A 34
10.3.3 [RMI-CT_UC1.2_B] Test to register IO employee for use of the VM RMI system — Scenario B 34
10.3.4 [RMI-CT_UC1.3] Test to maintain IO status 34
10.3.5 [RMI-CT_UC1.4] Test to maintain user status 34
10.3.6 [RMI-CT_UC1.5] Test to de-register an IO employee 34
10.3.7 [RMI-CT_UC1.6] Test login to VM RMI system 34
10.3.8 [RMI-CT_UC1.7] Test for granting access to security-related RMI 35
10.4 CT cluster 4 – Test functional user interface implementation 35
10.4.1 [RMI-CT_FREQ-1] Test for RMI access mode 35
10.4.2 [RMI-CT_FREQ-2] Test for registration and login support 35
10.4.3 [RMI-CT_FREQ-3] Test for implemented use cases map 35
10.4.4 [RMI-CT_FREQ-4] Test for download area 35
10.4.5 [RMI-CT_FREQ-5] Test for navigational pathway 35
10.5 CT cluster 5 – Test payment for RMI 35
10.5.1 [RMI-CT_UC2] Test payment for RMI 35
10.6 CT cluster 6 –Test for vehicle identification 35
10.6.1 [RMI-CT_UC3.1] Test vehicle identification through use of VIN 35
10.6.2 [RMI-CT_UC3.2] Test vehicle identification via product features 35
10.6.3 [RMI-CT_UC3.3] Test vehicle identification through product identifier 35
10.6.4 [RMI-CT_UC3.4] Test unequivocal engine identification 36
10.6.5 [RMI-CT_UC3.5] Test engine type identification via engine features 37
10.7 CT cluster 7 — Test selection methods for RMI 38
10.7.1 [RMI-CT_UC4.1] Test selection of information type 38
10.7.2 [RMI-CT_UC4.2] Test search by standardized terms 38
10.7.3 [RMI-CT_UC4.3] Test navigation using product structure 38
10.7.4 [RMI-CT_UC4.4] Test selection by document identifier 38
10.8 CT cluster 8 – Test retrieval of information packages 38
10.8.1 [RMI-CT_UC5.1.1] Test retrieval of general workshop procedures 38
10.8.2 [RMI-CT_UC5.1.2] Test retrieval of body repair procedures 38
10.8.3 [RMI-CT_UC5.1.3] Test retrieval of temporary repair procedures 38

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10.8.4 [RMI-CT_UC5.1.4] Test retrieval of preparation for PTI 38
10.8.5 [RMI-CT_UC5.2] Test retrieval of wiring diagrams 39
10.8.6 [RMI-CT_UC5.3] Test retrieval of technical service bulletin 39
10.8.7 [RMI-CT_UC5.4] Test retrieval of recall information 39
10.8.8 [RMI-CT_UC5.5] Test retrieval of maintenance schedule 39
10.8.9 [RMI-CT_UC5.6.1] Test retrieval of spare parts (identification) 39
10.8.10 [RMI-CT_UC5.6.2] Test retrieval of spare parts (access) 39
10.8.11 [RMI-CT_UC5.7.1] Test retrieval of accessory information factory fitted (included in general RMI) 39
10.8.12 [RMI-CT_UC5.7.2] Test retrieval of accessory information partnered with a VM part number 39
10.8.13 [RMI-CT_UC5.7.3] Test retrieval of fitting information for accessories with no VM part number 39
10.8.14 [RMI-CT_UC5.8] Test retrieval of labour times 39
10.8.15 [RMI-CT_UC5.9] Test retrieval of converted vehicle information 39
10.8.16 [RMI-CT_UC5.10] Test retrieval of special tool information 40
10.8.17 [RMI-CT_UC5.11] Test type-approval related information 40
10.9 CT cluster 9 — Test vehicle diagnostics 40
10.9.1 [RMI-CT_UC6.1] Test DTC resolution 40
10.9.2 [RMI-CT_UC6.2] Test VM symptom resolution 41
10.9.3 [RMI-CT_UC6.3] Test integrated diagnostics 41
10.10 CT cluster 10 — Test updating, replacing and tuning of modules (ECUs) 41
10.10.1 [RMI-CT_UC7.1] Test updating and replacing modules information 41
10.10.2 [RMI-CT_UC7.2] Test tuning kit 41
10.11 CT cluster 11 — Test electronic maintenance history 41
10.11.1 [RMI-CT_UC8] Test electronic maintenance history information 41
10.12 CT cluster 12 — Test repair assistance, technical support 41
10.12.1 [RMI-CT_UC9] Test repair assistance technical support information 41
10.13 CT cluster 13 — Test request for contact information 41
10.13.1 [RMI-CT_UC10.1] Test for retrieval of electronic tool information (Diagnostic, Reprogramming, VCI) 41
10.13.2 [RMI-CT_UC10.2] Test for retrieval of test equipment and diagnostic tool manufacturers information 41
10.13.3 [RMI-CT_UC10.3] Test for retrieval of training material (delegate information) 41
10.13.4 [RMI-CT_UC10.4] Test for retrieval of redistributor contact information 41
10.13.5 [RMI-CT_UC10.5] Test for retrieval of republisher contact information 42
10.13.6 [RMI-CT_UC10.6] Test for retrieval of inspection and testing services information 42
10.13.7 [RMI-CT_UC10.7] Test for retrieval of alternative fuels retrofit system information 42
10.13.8 [RMI-CT_UC10.8] Test for retrieval of engine and components remanufacturing information 42
10.13.9 [RMI-CT_UC10.9] Test for retrieval of component and parts manufacturer information 42
10.13.10 ..... [RMI-CT_UC10.10] Test for retrieval of validation of independently developed non-proprietary VCI information 42
10.14 CT cluster 14 — Test courses and training information 42
10.14.1 [RMI-CT_UC11] Test for courses and training information 42
10.15 CT cluster 15 — Test data administration requirements 42
10.15.1 [RMI-CT_TREQ-1] Test general access-related data administration 42
10.15.2 [RMI-CT_TREQ-2] Test administration of IO data by the VM 42
10.15.3 [RMI-CT_TREQ-3] Test administration of IO employee data by the VM 42
10.15.4 [RMI-CT_TREQ-4] Test administration of payment data by VM 42
10.15.5 [RMI-CT_TREQ-5] Test administration of access event data by VM 43
10.15.6 [RMI-CT_TREQ-6] Test administration of access event data to security-related RMI by VM 43

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10.16 CT cluster 16— Test VM software installation on the IO client 43
10.16.1 [RMI-CT_TREQ-20] Test for requirements for installing VM-specific software on the IO client 43
10.16.2 [RMI-CT_TREQ-21] Test for requirements for updating of installed VM data and applications on the IO client 43
10.16.3 [RMI-CT_TREQ-22] Test for requirements for the operation of VM-specific software on the IO client 43
10.16.4 [RMI-CT_TREQ-23] Test for requirements for the uninstalling of VM-specific software on the IO client 43
10.16.5 [RMI-CT_TREQ-24] Test for requirements for restoring in case of an abnormal termination of the VM specific software on the IO client 43
10.17 CT cluster 17 — Test VM RMI operations 43
10.17.1 [RMI-CT_TREQ-25] Test for VM RMI system availability time 43
10.17.2 [RMI-CT_TREQ-26] Test for support for the usage of the VM RMI system 43
10.18 CT cluster 18 — Test trust centre (certificate management) 43
10.18.1 [RMI-CT_TREQ-10] Test for trust centre (certificate management) 43
Bibliography **44**

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This document was prepared by the European Committee for Standardization (CEN) Technical Committee CEN/TC 301, *Road* vehicles in collaboration with ISO/TC 22, *Road vehicles*, Subcommittee SC 31, *Data communication*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

A list of all parts in the ISO 18541 series can be found on the ISO website.

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Introduction

This set of standards includes the requirements to be fulfilled by Repair and Maintenance Information (RMI) systems as applied by the

EUROPEAN COMMISSION - ENTERPRISE AND INDUSTRY DIRECTORATE-GENERAL, Consumer goods — Automotive industry EC mandate M/421[1]

"MANDATE TO THE EUROPEAN STANDARDIZATION ORGANISATIONS FOR STANDARDIZATION IN THE FIELD OF VEHICLE OBD, REPAIR AND MAINTENANCE INFORMATION"

dated Brussels, 21 January 2008.

This mandate relates to the EC type-approval system for vehicles falling into the scopes of Directives 2007/46/EC[4], 2002/24/EC[2], 2003/37/EC[3] and, in particular, to requirements for access to vehicle repair and maintenance information by independent operators.

The ISO 18541 series covers the access to automotive repair and maintenance information for light passenger and commercial vehicles[1)] and heavy duty vehicles[2)] based on Directive 2007/46/EC[4].

The purpose of the EC Mandate M/421[1] is to develop a standard or set of standards which specify the requirements to provide "standardized access to repair and maintenance information (RMI)" for independent operators.

The information included in this document derives from the legislative requirements on European level in the field of repair and maintenance information and related security requirements and can be referenced by legislation in other countries.

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1) REGULATION (EC) No 715/2007 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 20 June 2007 on type approval of motor vehicles with respect to emissions from light passenger and commercial vehicles (Euro 5 and Euro 6) and on access to vehicle repair and maintenance information[5], COMMISSION REGULATION (EC) No 692/2008 of 18 July 2008 implementing and amending Regulation (EC) No 715/2007 of the European Parliament and of the Council on type-approval of motor vehicles with respect to emissions from light passenger and commercial vehicles (Euro 5 and Euro 6) and on access to vehicle repair and maintenance information[6] and COMMISSION REGULATION (EC) No 566/2011 of 08 June 2011 implementing and amending Regulations (EC) No 715/2007 and (EC) 692/2008 of the European Parliament and of the Council on type-approval of motor vehicles with respect to emissions from light passenger and commercial vehicles (Euro 5 and Euro 6) and on access to vehicle repair and maintenance information[6].

2) REGULATION (EC) No 595/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 June 2009 on type-approval of motor vehicles with respect to emissions from heavy duty vehicles (Euro VI) and on access to vehicle repair and maintenance information[8], COMMISSION REGULATION (EU) No 582/2011 of 25 May 2011[9]. implementing and amending Regulation (EC) No 595/2009 of the European Parliament and of the Council with respect to emissions from heavy duty vehicles (Euro VI), and COMMISSION REGULATION (EU) No 64/2012 of 23 January 2012[10] amending Regulation (EU) No 582/2011 2011 implementing and amending Regulation (EC) No 595/2009 of the European Parliament and of the Council with respect to emissions from heavy duty vehicles (Euro VI).

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Road vehicles — Standardized access to automotive repair and maintenance information (RMI) —

Part 5:
Heavy duty specific provision

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1 Scope

This document focus on the access to automotive repair and maintenance information for

— heavy duty motor vehicles as defined in regulation (EC) 595/2009 Article 2;

— engines and after-treatment systems (family) if they are type-approved as a separate technical unit, e.g. according to Directive 2007/46/EC.

This document includes a transposition of the standards ISO 18541-1:2014, ISO 18541-2:2014, ISO 18541-3:2014, and ISO 18541-4:2015 to these vehicle types and systems. The standards ISO 18541-1:2014, ISO 18541-2:2014, ISO 18541-3:2014, and ISO 18541-4:2015 focus on the access to automotive repair and maintenance information for passenger cars and light commercial vehicles.

Remote Diagnostic Support is a specific requirement for Access to RMI for heavy duty vehicles. It will be addressed separately in a future standard.

The standardized RMI terminology is contained in a 'Digital Annex' developed and maintained according to the complementary standard ISO 18542.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 18541-1:2014, *Road vehicles — Standardized access to automotive repair and maintenance information (RMI) — Part 1: General information and use case definition*

ISO 18541-2:2014, *Road vehicles — Standardized access to automotive repair and maintenance information (RMI) — Part 2: Technical requirements*

ISO 18541-3:2014, *Road vehicles — Standardized access to automotive repair and maintenance information (RMI) — Part 3: Functional user interface requirements*

ISO 18541-4:2015, *Road vehicles — Standardized access to automotive repair and maintenance information (RMI) — Part 4: Conformance test*

ISO 18542 (all parts), *Road vehicles — Standardized repair and maintenance information (RMI) terminology*

TMC RP1210B. *Recommended practice*

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