

EC declaration of conformity

Manufacturer: Siemens Mobility A/S
Address: Borupvang 9
DK-2750 Ballerup, Denmark
IC description: STM for Danish ETCS onboard, Unisig baseline 3.0, version 03.00.11

The IC described above is in conformity with the provisions of the following European Directives and Commission Decisions:

2008/57/EC DIRECTIVE OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 17 June 2008 on the interoperability of the rail system within the Community, Official Journal L 191 of 18/07/2008, most recently amended by Directive 2014/106/EU, 12. December 2014

**TSI CCS
2016/797/EU** DIRECTIVE (EU) 2016/797 of the European Parliament and of the Council of 11 May 2016 on the interoperability of the rail system within the European Union

The documentation accompanying the IC shall be observed. All Conditions for use and the customer documentation are identified in the Design Examination Report.

Module CH1 according to decision COMMISSION DECISION 2016/919/EU of 27 May 2016 was applied to declare the conformity.

Ballerup, 2023-06-01
Siemens Mobility A/S

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Name, position

Signature

Name, position

Signature

Annex to EC declaration of conformity

STM for Danish ETCS onboard, Unisig baseline 3.0, version 03.00.11

The EC verification referred to in Article 18 of Directive 2008/57/EC was conducted by the following notified body:

SINTEF Centre for Railway Certification / 7465 Trondheim, Norway / Notified Body nr: 1278

Conformity to European Directives is supported by the following documents of the notified body:

Type of document (number)	Date of issue	Remark
EC Design Examination Certificate (1278/2/CH1/2019/CCO/EN/0091)	2019-02-19	<i>There are limiting conditions as pointed out in chapter 6. ¹</i>

¹ Quote from SINTEF report: 2017-00828, version 4.0, chapter 6:

6.1 Non Compliances

One NonCompliance to the requirements that are applicable to the DK-STM has been identified.

The identified NonCompliance is:

NC_01: SUBSET-058 (§6.1.4.16) Transmission of non standard packets: Transmission of non standard packets (i.e. packets which are not described in this document, but whose numbers are within the allocated range of non standard packets, see NID_PACKET definition): in case a message includes such non standard packet(s) unknown to the receiver, the non standard packet(s) shall be ignored and the message shall not be rejected.

According to the judgement of SINTEF, the identified Non-Compliance does not affect the interface to the connected ETCS with respect to conformity. The consequence of the nonconformity is considered to have positive implication to the safety and negative implication to the availability. It is therefore no need to issue any operational condition restricting the operation of a train with the DK-STM Interoperability Constituent installed as part of its ERTMS/ETCS on-board assembly.

Based on the criteria for partial fulfilment of requirements provided in the (EU) 2016/919 TSI CCS [8], and the non-compliance issued here, SINTEF considers that a certificate with restriction can be issued.

Conformity Verification Documentation

Furthermore, the following Conformity Verification documents have been produced (Valid for both 03.00.10 and 03.00.11)

Document Title	Document ID
Conformity Verification Plan, Assessment of conformity of DK-STM with UNISIG ETCS Baseline 3	G81002-E3116-U002-E
Conformity Verification Specification, Assessment of conformity of DK-STM with UNISIG ETCS Baseline 3	G81002-E3116-U003-E
Conformity Verification Report, Assessment of conformity of DK-STM Release 3.0.10 with UNISIG Baseline 3	G81002-E3116-U004-F

The Conformity Verification Report, G81002-E3116-U004-F concludes that conformity has been achieved.

Quality Management System Approval Documentation

Document Title	Valid
Quality Management System Approval 1278/4/CH1/2022/CCO/EN/0110/V01	Start 2022-04-04 – End 2024-04-03

Document History

Version	Date	Reason for change
1.0	2022-09-28	New Document (ELO1769044)
2.0	2023-06-01	Document History added New Signatures Updated Quality Management System certificates