

List of References to the DK-STM

| | | | | | |
|----------------------------|--------------------------------|------------------------------------|--|---|--|
| Banedanmark | | | | Address Banedanmark Carsten Niebuhrs Gade 43 DK-1577 Copenhagen V DENMARK | Construction Banedanmark The Signal Program Carsten Niebuhrs Gade 43 DK-1577 Copenhagen V DENMARK |
| Approved by Banedanmark | | | Replaced - | | |
| Drawing: | Version 1 Date and initials | Latest version Signature | Measure - | Drawing name: List of References to the DK-STM | |
| Prepared by | 07.03.2017 ECPn | 28.02.2024 XTHP | Unit - | | |
| Checked by | 31.03.2017 XJOWI | 05.03.2024 MJON | | | |
| Approved by | 31.03.2017 XAAV | 05.03.2024 <i>CAF</i> | | | |
| © Copyright Banedanmark | Language /en | Version 01.27 28.02.2024 | Drawing IN 655.00 Q nr. 4598 | Page / of pages 1 (5) | |

Change Log

| Version | Date | Author | Checked by | Approved by | Changed documents | Description |
|---------|------------|--------|------------|-------------|---------------------------|--|
| 01.00 | 2017-03-31 | ECPn | XJOWI | XAAV | | First Document release |
| 01.01 | 2017-04-28 | ECPn | | | Ref. [12] | Final version 01 of document |
| 01.02 | 2017-06-12 | XJOWI | XAAV | ECPn | 5, 8 + 15 | New version of documents |
| 01.03 | 2017-06-21 | | | ECPn | [13] | Wrong date of version |
| 01.04 | 2017-06-22 | | | ECPn | [8] | New version |
| 01.05 | 2017-08-30 | | | ECPn | [13] | Version no. changed from 00.01 to 01.00 due to ProArc rules. |
| 01.06 | 2017-11-24 | | | ECPn | 2a, 5, 7, 8, 13, 14 | New version of documents |
| 01.07 | 2018-06-01 | XJOWI | XAAV | ECPn | [8] + [13] | New version. Document updated based on new software version |
| 01.08 | 2018-07-16 | | | ECPn | [8] + [9a] | New versions. |
| 01.09 | 2018-07-23 | | | ECPn | [13] | New version. |
| 01.10 | 2018-08-07 | XJOWI | XJLN | ECPn | [2b] + [6b] + [10] + [13] | New versions. |
| 01.11 | 2018-08-24 | XJOWI | XJLN | ECPn | [6a] | Document number and version added, new version. |
| 01.12 | 2018-09-25 | XJOWI | XJLN | ECPn | [10] + [13] | New version. |
| 01.13 | 2018-10-12 | XJOWI | XJLN | ECPn | [16] | New document ref. [16] |
| 01.14 | 2018-11-14 | XJOWI | XJLN | ECPn | [9a], [10] and [13] | Doc. IN655 Q4236 added. New doc. ref [9a], [10] and [13] |
| 01.15 | 2018-11-27 | ECPn | XEASM | ECPn | [13] | Updated version. |
| 01.16 | 2019-01-07 | ECPn | XEASM | ECPn | [8] [12] [13] IN655Q4236 | Updated versions. |
| 01.17 | 2019-03-15 | XJOWI | XEASM | ECPn | [9a]+[10]+[13] | New version |
| 01.18 | 2019-04-05 | XJOWI | XEASM | ECPn | [16] | New version |
| 01.19 | 2019-07-12 | ECPn | DOR | ECPn | [12] | New version |
| 01.20 | 2020-02-20 | ECPn | XJOWI | ECPn | [7] + [8] + [15] | Ref. 7 new version 12. Ref. 8 new version 13. Ref 15 in a "A" and "B" version. |
| 01.21 | 2020-04-24 | ECPn | XJOWI | ECPn | [8] + [13] and IN655Q4236 | New versions |
| 01.22 | 2021-03-04 | ECPn | STN | ECPn | [2a] + [5] + [7] | Ref. 2a new version 01.10. Ref. 5 new version 03.02. Ref. 7 new version 14.00. Wrong date of IN 655.00 Q4236. |
| 01.23 | 2021-03-04 | ECPn | STN | ECPn | [16] and IN655Q4236 | New versions and awaiting ref. [10] |
| 01.24 | 2022-01-20 | XTHP | ECPn | KFLA | [10], [13] | Including [10] and update to [13] |
| 01.25 | 2022-04-19 | XTHP | ECPn | KFLA | | Update after assessment |

| Version | Date | Author | Checked by | Approved by | Changed documents | Description |
|---------|------------|--------|------------|-------------|--|--|
| 01.26 | 2023-09-29 | XTHP | ECPn | KFLA | [1], [2a], [2b], [5a], [5b], [6a], [6b], [7], [8], [9a], [9b], [10], [13], [15a], [15b], [17] and IN655Q4236 | New VE6 card and SW 03.01.00 SW 3.00.11 expires 31.12.2024. 01.26 was never published. |
| 01.27 | 2024.02.28 | XTHP | MJON | OAHS | [13] + IN655Q4236 | Updated after request from NSA No expire day for SW 03.00.11. Ref. [9a] and [10] listed as separate documents. |

In document IN 655.00 Q4236, reference is made to various regulations. A reference is written with a reference number in square brackets [number] or as “the name of the regulations”.

In the reference list of IN 655.00 Q4236, the valid version of the documents is not stated. That is to avoid updating the official document each time a new version of a reference document is released. The valid version is therefore stated in the list below.

References:

- [1] KN 655.00 Q2959. DK-STM System Description. Published by BDK.
Version 03.00.
Date 24.01.2022 (Danish version)
Date 25.02.2022 (English version).
- [2a] IN 655.00 Q2962. DK-STM Subrack Installation Manual. Published by BDK.
Version 1.11.
Date 02.02.2022.
- [2b] IN 655.00 Q4432. DK-STM Cubicle Installation Manual. Published by BDK.
Version 3.03.
Date 07.06.2022.
- [3] IN 656 V1721. Forskrift for vurdering af ATC Havarilogdata. Published by BDK.
Version 02.12.
Date 09.06.2015.
Only in Danish.
- [4] IN 656 V1711.
Protocol for Serial Communication between ATC, TC, MSR3 and Event Recorder.
Published by BDK.
Version 01.02.
Date 08.07.2003.
Danish version of the document exists.
- [5a] VN 655.00 Q2961. DK-STM Subrack Maintenance Manual. Published by BDK.
Version 1.04.
Date 02.02.2022.
- [5b] VN 655.00 Q4433. DK-STM Maintenance Manual Cubicle. Published by BDK.
Version 3.03.
Date 20.06.2022.

[6a] /Z123STM_INT/APP Rules, Apprules, Application rules document
STM-DK. Application Rules
(Appendix to STM-DK Generic Application Safety Case),
G81001-X3107-L005-10
Published by Siemens.
Version 2022.01.27.

[6b] STM-DK. Application Rules. STM-DK Cubicle
(Appendix to STM-DK Cubicle Safety Case),
G81002-E3134-L001-C
Published by Siemens.
Version 2022.03.30.

[7] SN 655.00 Q2960. DK-STM User Manual. Published by BDK.
Version 15.00.
Date 22.02.2022.
Danish version of the document exists.

[8] AN 656.00 Q4446. DK-STM, Documented final test. Published by BDK.
Version 01.15.
Date 09.11.2022.
Danish version of the document exists.

Reference [9a] is the Safety Assessment Reports from SINTEF covering the SW to be used by the DK-STM.

[9a] SW 03.00.11
SINTEF 2017-00826 Safety Assessment Report,
DK-STM Generic Application (Baseline 3.0) version 03.00.11, version 06.00,
dated 2019-02-19

[9a] SW 03.00.13
SINTEF 2017-00826 Safety Assessment Report,
DK-STM Generic Application version 03.00.13, version 8.0, dated 2021-04-08.

[9a] SW 03.01.00
SINTEF Safety Assessment Report,
STM-DK Generic Application version 03.01.00,
Version 2.0, dated 2022-03-02.
Report no. 2022:00145

[9b] SINTEF Safety Assessment Report, DK-STM Cubicle, Published by SINTEF.
Version 1.0.
Date 2022-06-29.
Report no. 2022:00579

Reference [10] is the Declaration of Conformity covering the SW to be used by the DK-STM.

[10] SW 03.00.11
Siemens EC Declaration of Conformity, dated 2023-06-01.
STM for Danish ETCS onboard, Unisig baseline 3.0, version 03.00.11

[10] SW 03.00.13_a
Siemens EC Declaration of Conformity 03.00.13, dated 12.01.2022

[10] SW 03.00.13_b
ERADIS EC DoC - DK/0000DK18632276/2021/000001

- [10] SW 03.00.13_c
Siemens EC Declaration of Conformity, dated 2023-06-01.
STM for Danish ETCS onboard, Unisig baseline 3 Release 2, version 03.00.13
- [10] SW 03.01.00
Siemens EC Declaration of Conformity, dated 2023-08-22.
STM for Danish ETCS onboard, Unisig baseline 3 Release 2, version 03.01.00
- [11] Vejledning om godkendelse af systemer med software på jernbanen, Published by NSA.
Version 2
Date 22.03.2016.
Only in Danish.
- [12] AN655.00 Q4602, DK-STM Integration test 2, specification, Published by BDK.
Version 01.03.
Date 08.07.2019.
- [13] IN655.00 Q4600, DK-STM versions, Published by BDK.
Version 06.00.
Date 29.02.2024.
- [14] KN655.00 Q4601, Customized DMI for DK-STM BL3, Published by BDK.
Version 02.00
Date 20.11.2017.
- [15a] G81002-E3135-F005-D,
STM-DK Subrack, 24 V_{DC}/ 110 V_{DC}.
Final Inspection Report,
Published by Siemens.
Version D.
Date 04.01.2022.
- [15b] G81002-E3134-F005-D,
STM-DK Cubicle, 24 V_{DC}/ 72 V_{DC}/ 110 V_{DC}.
Final Inspection Report,
Published by Siemens.
Version D.
Date 05.01.2022.
- [16] STM processor card VE5
IN655.00 Q4652, Procedure for update of SW in DK-STM, Published by BDK.
Version 01.20
Date 07.07.2021.
- [17] STM processor card VE6
IN655.00 Q5019, Procedure for update of SW in DK-STM VE6, Published by BDK.
Version 01.00
Date 31.01.2022.

----- oooOOOooo -----

IN 655.00 Q4236 Verification Directions for DK-STM BL3
Published by Banedanmark
Version 01.23
Date 28.02.2024
Danish version of the document exists in same version and date.