

CONFORMITY ASSESSMENT CERTIFICATE

This is to certify:**That the System Electronic Navigational Charts (SENC) Distribution**with type designation(s)
SENC Distribution Process

Issued to

C-MAP Norway AS
EGERSUND, Norway

is found to comply with

**The Norwegian Hydrographic Service (NHS) requirements for SENC distribution, detailed in
"Specification for Distribution of Authorised Navigational Chart Data in SENC Format",
Technical Report No. 2002-1392 Revision No. 02****Application :****See page 2**This Certificate is valid until **2018-06-30**.Issued at **Høvik** on **2016-08-31**DNV GL local station: **Stavanger**Approval Engineer: **Steinar Kristensen**for **DNV GL**

Digitally Signed By: Grimsrud, Jan Tore

Location: DNV GL Høvik, Norway

Signing Date: 02.09.2016

Jan Tore Grimsrud
Head of Section

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid. The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

Product description

SENC Distribution Process as described in the C-MAP document "SENC Distribution Management and End User Information".

Application/Limitation

- The Specification for Distribution of Authorised Navigational Chart Data in SENC Format, Technical Report No. 2002-1392 Rev.02, gives PRIMAR's implementation of IHO Technical Resolution A3.11.
- All changes to the process (procedures and technical tools) are to be evaluated, prior to implementation, on basis described in Technical Report No. 2002-1392 Rev.02, and communicated with DNV GL as appropriate.
- This certificate covers only the distribution of authorised navigational chart data in the CM-93/3 SENC Format.

Type Examination documentation

- Assessment with regard to the Requirements in Technical Report No. 2002-1392 Rev. 01 "Specification for Distribution of Authorised Navigational Chart Data in SENC Format, Doc. No.: 2002-1618 Rev. 01.
- SENC Distribution Management and End User Information.
- Specification of Minimum Performance.

Tests carried out

- Tests in accordance with "Specification for Distribution of Authorised Navigational Chart Data in SENC Format", Technical Report No. 2002-1392 Revision No. 02, Section 5.1.
- Audits in accordance with "Specification for Distribution of Authorised Navigational Chart Data in SENC Format", Technical Report No. 2002-1392 Revision No. 02, Section 5.2

Certificate Retention Survey

Periodical audits to be performed annually by DNV GL to ensure that the quality management system and the SENC distribution procedures are maintained and properly functioning. The scope of these annual audits shall be in line with the periodical audits defined in Council Directive 96/98/EC (Marine Equipment Directive), as amended.