DNV·GL

Certificate No:
TAA00002HE

CONFORMITY ASSESSMENT CERTIFICATE

This is to certify:

That the System Electronic Navigational Charts (SENC) Distribution

with type designation(s)
SENC Distribution service

Issued to
NAVTOR 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 :

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Issued at **Høvik** on **2019-11-01**
This Certificate is valid until **2024-10-31** .
DNV GL local unit: **Stavanger**

Approval Engineer: **Steinar Kristensen**

for **DNV GL**

Trond Sjåvåg
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.

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Job Id: **262.1-016619-4**
Certificate No: **TAA00002HE**

Product description

SENC Distribution Process as described in the NAVTOR AS document no. 3-60-PED-0008 "SENC Distribution Procedure"

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 DNVGL as appropriate.
- This certificate covers only the distribution of authorised navigational chart data in the NAVTOR SENC Format.

Type Approval documentation

- Initial audit report, SENC Service Process, Dated 2014-01-30
- NAVTOR Quality Management System Manual, doc no.: 2-02-QAD-0001, Rev date 2019-10-08
- NAVTOR SENC Distribution Procedure, doc no.: 3-60-PED-0008, Rev date 2016-01-25
- Survey Report TECDIS with NAVTOR SDK, Dated 02-12-2013

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

Periodical Audit

Periodical audits to be performed annually by DNVGL 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 Directive 2014/90/EU (Marine Equipment Directive).

This certificate is only valid if required periodical assessments are carried out with satisfactory results. To check the validity of this certificate, please look it up in https://approvalfinder.dnvgl.com