

CONFORMITY ASSESSMENT CERTIFICATE

Certificate No:
TAA00000UK

This is to certify:

That the System Electronic Navigational Charts (SENC) Distribution

with type designation(s)
Official directENC

Issued to

ChartWorld International Ltd
Limassol, Cyprus

is found to comply with

PRIMAR's Specification for Distribution of Authorised Navigational Chart Data in SENC Format, Technical Report No.2002-1392 Revision No. 02, and IHO Technical Resolution A3.11

Application :

See page 2.

This Certificate is valid until **2018-12-05**.

Issued at **Høvik** on **2016-12-06**

DNV GL local station: **Hamburg**

Approval Engineer: **Steinar Kristensen**

for **DNV GL**

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.

Job Id:
Certificate No: **TAA00000UK**

Product description

SENC Distribution Process as described in the document Procedure Description – SENC Distribution, QM_D_09

Application/Limitation

The conformity assessment is limited to distribution of authorised navigational chart data (ENC) in ChartWorld SENC format being uploaded to ChartWorld or ChartWorld OEM ECDIS only.

Type Approval documentation

Document	Document id.
Quality Management Manual - SENC Distribution	SENC_D_01, version 0.5
Procedures - SENC Distribution	QM_D_09, version 0.1
Procedure - Data Processing	QM_D_08, version 3.1
Technical Solution Document - SENC Distribution	QM_D_108, version 1.0
Audit report- SENC Service Process	

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 assessment

A periodic audit is to be performed upon renewal of this certificate. The scope of the audit is to verify that the quality management system and the SENC distribution procedures are maintained according to the Primar Specification.