DNV·GL

Certificate No:
TAA000003B

CONFORMITY ASSESSMENT CERTIFICATE

This is to certify:

That the Pay as You Sail (PAYS) ENC Distribution Service

with type designation(s)
PAYS Chart Service

Issued to
ChartWorld GmbH
Hamburg, Germany

is found to comply with
Joint RENC- PRIMAR & IEC-ENC Specification for Pay As You Sail Services for Value Added Resellers and Notified Bodies version 1.3

Application :

See page 2

This Certificate is valid until **2017-08-26**.

Issued at **Høvik** on **2015-08-27**

for **DNV GL**

DNV GL local station: **Hamburg**

Approval Engineer: **Steinar Kristensen**

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.

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Job Id: **262.1-019126-1**
Certificate No: **TAA000003B**

Product description
PAYS Chart Service as described in the document ChartWorld PAYS Chart Service User Manual.

Application/Limitation
The scope of this certificate is limited to the distribution of PRIMAR and IC-ENC chart data through Pay As You Sail (PAYS) services.

Type Approval documentation

Document id.	Rev.	Document
Summary-PAYS-Trial	2011-10-26	Report: ChartWorld, Initial trials according to PRIMAR RENC Guidelines and Specifications for Approval of Pay-As-You-Sail Services version 2.0, dated .
QM_CW_SA_PR_08	June 2015	Description: ChartWorld, Internal PAYS Processing
QM_CW_SA_WI_40	1.0	Procedure: ChartWorld, Creation of Primar PAYS License
QM_CW_SA_WI_37	1.1	Procedure: ChartWorld, Correction of Missing PAYS Position Reports
PAYS-UM	1.0	Manual : ChartWorld, PAYS chart service user manual

Tests and audits carried out
- Tests in accordance with "PRIMAR RENC Guidelines and Specifications for Approval of Pay-As-You-Sail Services", ver. 2.0 dated 23.06.2011
- Audits in accordance with requirements in "Joint RENC- PRIMAR & IC-ENC, Specification for Pay As You Sail services for value added resellers and notified bodies", ver. 1.3 dated 30.11.2014

Re-assessment
An audit is to be performed upon renewal of this certificate.