

CONFORMITY ASSESSMENT CERTIFICATE

Certificate No:
TAA0000082
Revision No:
2

This is to certify:

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

with type designation(s)
C-MAP PAYS Service

Issued to

C-MAP Norway AS
EGERSUND, Norway

is found to comply with

Joint RENC-PRIMAR & IC-ENC Specification for Pay As You Sail Services for Value Added Resellers and Notified Bodies version 1.5

Application :

See page 2

Issued at **Høvik** on **2018-01-11**

This Certificate is valid until **2020-01-10**.

DNV GL local station: **Stavanger**

Approval Engineer: **Steinar Kristensen**



for **DNV GL**

Digitally Signed By: Grimsrud, Jan Tore

Location: DNV GL Høvik, Norway

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: **262.1-013294-4**
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Product description

PAYS ENC Distribution Service as described in the document "C-MAP OpenENC (Pay-As-You-Sail) System Description Document".

Application/Limitation

- The scope of this certificate is limited to the distribution of PRIMAR chart data through Pay As You Sail (PAYS) services.
- All changes to the process (procedures and technical tools) are to be evaluated, prior to implementation, on the basis of requirements in "Joint RENC- PRIMAR & IC-ENC Specifications for Pay As You Sail services for value added resellers and Notified Bodies" version 1.5, and communicated with DNV GL as appropriate.

Approval documentation

Doc. Ref	Rev.	Description
MTSMD_PAYS_SysDescription	1.0	C-MAP OpenENC (Pay-As-You-Sail) System Description Document
PAYS-IG	0.2	PAYS Installation Guide
PAYS-MG	0.2	PAYS Maintenance Guide
PAYS-UM	0.5	PAYS User Manual
PAYS-CS	0.5	Guideline for customer service

Tests carried out

- Tests and audit to verify trial results in accordance with "PRIMAR Guidelines and Specifications for approval of 'Pay As You Sail' services, version 2.0", Section 5.5.
- Tests and audit to verify compliance with "PRIMAR Guidelines and Specifications for approval of 'Pay As You Sail' services", version 2.0, Section 6.1 – 6.6.
- Audit 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. 1.5 dated 06.06.2017

Periodical assessment

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