

PAYS Specification and Planning Fee. Issues and practical considerations.

Jørgen Svendsen, PRIMAR RENC Manager. September 2016.



Purpose behind the PAYS service

- Simplified ECDIS-operations for navigators
- User-friendliness and improved safety



PAYS Fundamental principles

- Permits preloaded into ECDIS system
- Immediate access to additional ENC coverage
- Accurate registration of all ENC data accessed during navigation
- ENC usage information is transmitted automatically



Guidelines & Specifications

- Joint RENC – PRIMAR & IC-ENC Specification, Version 1.3
 - Describes the methods for demonstrating compliance
 - Compliance documented by a certificate
- RENC specific Guidelines & Specifications
 - PRIMAR Distributor Agreement Appendix 4
- ECDIS and S-63 normative documents



PAYS - A Proprietary System

- Joint RENC Specification contains general minimum requirements
- Facilitates individual technical solutions and product innovations

Joint RENC Specification – Project Plan

- Time schedule for the various steps
- Description of the trials
 - Duration
 - Selected vessels, their type and trade patterns
 - Methods for registering ENC products used, including descriptions of its functionality
 - Method for measuring registration accuracy of reporting to PRIMAR / IC-ENC
- Descriptions of what constitutes valid results from the trials

Joint RENC Specification – Trials

- Selection of trial vessels should be representative. Otherwise, limitations to the certification may be given
- The trials can be carried out based on live trials or a combination of live trials and simulations



Joint RENC Specification – Approval process

- The applicant must submit a formal request and a project plan to PRIMAR and IC-ENC for evaluation
- When the project plan is found satisfactory by PRIMAR / IC-ENC, the trials may be conducted



Joint RENC Specification – ENC Sales Reporting

- The PAYS service shall ensure that no more than 72 hrs elapses from first time usage of an ENC until it is registered in the PRIMAR / IC-ENC database
- All ENC cells at each usage band which are intercepted by the vessels track must be included in the sales reporting



Joint RENC Specification – Reporting accuracy

- The reporting of ENC sales can be based on data area contained within an ENC cell and not just on the rectangular limits of the ENC
- Must ensure that all ENC products are properly licensed and reported, or at least to 99,8% accuracy where the actual products displayed and used are not explicitly logged

Joint RENC Specification

– Quality management

- The PAYS service provider must operate a quality management system, based on ISO 9001 or equivalent, giving an adequate description of:
 - Quality objectives and organisational structure
 - Techniques, processes and systematic action, including registration and reporting accuracy
 - Quality records, including a list over issued licenses



Joint RENC Specification – Registry of users

- The PAYS service provider shall maintain a registry of its users

Certification

- A certificate shall document compliance with the Joint RENC PAYS specification. The certificate is valid for two years.
- The certification body must hold a valid accreditation in accordance with the Marine equipment directive 96/98/EC to perform both:
 - EC type-examination of ECDIS
 - Assessment of the quality system
- At certificate renewal, the distributor must invite the certification body to complete audits of the Quality management system.



PAYS Planning Fee

- The PAYS Planning Fee becomes reportable on the first instance when a vessel's IC-ENC ENC's license keys are issued or renewed
- After the initial reporting of a PAYS Planning Fee it must be renewed on a quarterly basis until such time as the vessel ceases to subscribe through PAYS
- PRIMAR do not charge its distributors the Planning Fee



Many thanks for your attention
Questions?

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