

KEMENTERIAN PERHUBUNGAN REPUBLIK INDONESIA DIREKTORAT JENDERAL PERHUBUNGAN LAUT



MINISTRY OF TRANSPORTATION OF THE REPUBLIC OF INDONESIA DIRECTORATE GENERAL OF SEA TRANSPORTATION

## SERTIFIKAT KETERAMPILAN

CERTIFICATE OF PROFICIENCY

Nomor Seri / Serial No.

Nomor Sertifikat / Certificate No.

6200062448280224

CP6193065

Dengan ini dinyatakan bahwa

This is to certify that

Nama

" DOVIAN NOVIZAR

Name

Place and date of birth

Tempat dan tanggal lahir : PALEMBANG , 26 November 1972

telah menyelesaikan pelatihan dan lulus evaluasi :

has completed approved training and passed the assessment of

## OPERATIONAL USE OF ECDIS TRAINING PROGRAMME

vang dilaksanakan oleh : BP3IP Jakarta

which has held by

di: Jakarta

at: 22 April 2024 to 26 April 2024

Sesuai ketentuan STCW 1978 beserta dengan amandemennya, Peraturan : Chapter II Section A-II/1, A-II/2 STCW 2010 in accordance with the provisions of STCW 1978 as amanded, Regulation Chapter II Section A-II/1, A-II/2 STCW 2010 yang telah mendapat pengesahan dari Direktorat Jenderal Perhubungan Laut selaku Administrasi. which has been approved by the Directorate General of Sea Transportation as Administration.

Tandatangan Pemilik Signature of the Holder



**BP3IP Jakarta** 

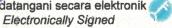
akarta, 07 May 2024

An Direktur Jenderal Perhubungan Laut O.b. Directol General of Sea Transportation

DREDTREKTUR PERKAPALAN DAN KEPELAUTAN

PERHENNES OF Marine Safety and Seafarers KEPALA SUB DIREKTORAT KEPELAUTAN Head of Seafarer Affairs Subdirectorate

andatangani secara elektronik





Capt. MALTUS J. KAPISTRANO, S.SiT., M.Si.

## ELECTRONICS CHART DISPLAY AND INFORMATION SYSTEM (ECDI\$) Subject Area.

Based on Reg. II/1, II/2, II/3 and STCW 2010 Code Section A-II/1, A-II/2, A-II/3

## 1. Use of ECDIS to Maintain the Safety of Navigation

- 1.1. Knowledge of the capability and limitation of ECDIS Operations:
  - 1.1.1. A through understanding of Electronic Navigational Charl (ENC) data, data accuracy, presentation rules, display options and other chart data formats;
  - 1.1.2. The dangers of over-reliance;
  - 1.1.3. Familiarity with the functions of ECDIS required by performance standards in force.
- 1.2. Proficiency in operation, interpretation, and analysis of information obtained from ECDIS:
  - 1.2.1. Use of function that are integrated with other navigation systems in various installations, including proper functioning and adjustment to desired settings;
  - 1.2.2. Safe monitoring and adjustment of information, including own position, sea area display, mode and orientation, chart data displayed, route monitoring, user-created information layers, contact (when interfaced with AIS and/or radar tracking) and radar overlay functions (when interfaced);
  - 1.2.3. Confirmation of vessel position by alternative means;
  - 1.2.4. Efficient use of setting to settings to ensure conformance to operational procedures, including alarm parameters for anti-grounding, proximity to contacts and special areas, completeness of chart data and chart update status, and backup arrangements;
  - 1.2.5. Adjustment of setting and values to suit the present conditions:

- 1.2.6. Situational awareness while using ECDIS including safe water and proximity of hazard, set and drift, chart data and scale selection, suitability of route, contact detection and management, and integrity of sensors.
- Maintain the Safety of Navigation through the use of ECDIS and associated Navigation System to assist Command Decision Making
  - 2.1. Management of operational procedures, system file and data
    - Manage procurement, licensing and updating of chart data and system software to conform to established procedures;
    - 2.1.2. System and information updating:
    - 2.1.3. Create and maintain system configuration and backup files:
    - 2.1.4. Create and maintain log files in accordance with established procedures;
    - Create and maintain route plan files in accordance with established procedures;
    - Use ECDIS log-book and track history functions inspection of system functions, alarm setting amd user reponses;
  - 2.2. Use ECDIS playback functionality for passage review, route planning and review of system functions.
- 3. Assessment and Evaluation