





MINISTRY OF TRANSPORTATION OF THE REPUBLIC DIRECTORATE GENERAL OF SEA TRA

SERTIFICATE OF PROFICIENCY

6201292357

Nomor Sertifikat /

Nomor Ser ri/Serial No.

213221

Dengan ini dinyatakan bahwa

Nama This is to certify that

ruary 1991

telah menyelesaikan pelatihan dan lulus evaluasi : has completed approved training and passed the assessment of

RADAR SIMULATOR

yang dilaksanakan oleh :STIP Jakarta

which has held by

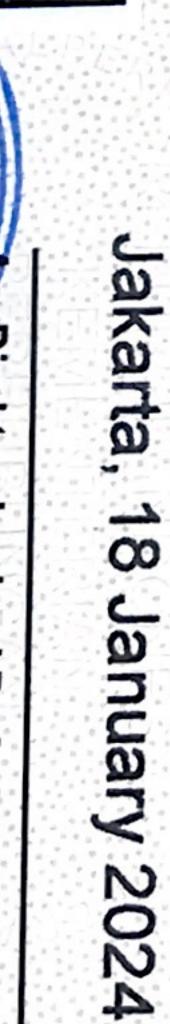
Sesuail Sesuai ketentuan STCW 1978 beserta dengan amandemennya, Peraturan Section A-II/1.5,A-II/2.2 STCW 2010 in accordance with the provisions of STCW 1978 as amanded, Regulation Section A-II/1.5,A-II/2.2 STCW 2010

di . Jakarta di . 08 January 2024 to 13 Januar at

yang telah mendapat pengesahan dari Direktorat Jenderal Perhubungan Laut selaku Administrasi. which has been approved by the Directorate General of Sea Transportation as Administration.

Tandat tangan Pemilik





An Direktur Jenderal Perhubungan Laut Ch. Director General of Sea Transportation Netua/Direktur/Kepala
Principal/Director/Head

CHUMPING.

ARTA

BANGAN



H. AHMAD WAHID, S.T., M.T., M.Mar.

RADAR SIMULATOR Subject Area Based on Reg. II/1, II/2 and STCW 2010 Code Section A-II/1, A-II/

Use of RADAR to Maintain Safety of Navigation

- 1. Radar navigation
- 2. Knowledge of the fundamentals RADAR
- S Ability to operate and to interpret and analyse information obtained from RADAR
- .1. Performance of :
- 2.1.1 factor affecting performance and accuracy
- 2.1.2 setting up and maintaining displays
- 2.1.3 detection of misrepresentation of information, false echoes, sea return, etc., racons and
- 2.2. Use of :
- 2.2.1 overtaking Range and bearing; course and speed of other ships; time and distance of crossing, meeting ships
- 2.2 Identification of critical echoes; detecting course and speed changes of other ships; effect of changes in own ship's course or speed or both
- 2.2.3 Application of the international regulation for preventing collision at sea, 1972, as amended
- 2.4 Plotting techniques and relative and true motion concepts
- 2.2.5 Parallel indexing
- for collision avoidance and for directing the safe nafigation of the ship Evaluation of navigational information derived from RADAR in order to make and implement command decision
- Assessment and Evaluation