

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.

CP6303795

Nomor Sertifikat / Certificate No.

6211705027030424

Dengan ini dinyatakan bahwa This is to certify that

Nama

CHAKRA RUKKA

Name

UJUNG PANDANG, 06 November 1996

Tempat dan tanggal lahir . : Place and date of birth

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

RADAR SIMULATOR

yang dilaksanakan oleh : PIP Makassar

which has held by

di Makassar

at 19 March 2024 to 23 March 2024

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 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



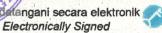


Jakarta, 25 March 2024

An. Direktur Jenderal Perhubungan Laut

rector of Marine Safety and Seafarers Head of Seaferer Affairs Subdirectorate

U Bottandarangani secara elektronik





PIP Makassar

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

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

Use of RADAR to Maintain Safety of Navigation

- 1. Radar navigation
- 2. Knowledge of the fundamentals RADAR
- 3. Ability to operate and to interpret and analyse information obtained from RADAR
 - 2.1. Performanceof:
 - 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 SARTs
 - 2.2. Use of:
 - 2.2.1 Range and bearing; course and speed of other ships; time and distance of crossing, meeting overtaking ships
 - 2.2.2 Identification of critical echoes; detectingcourse 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
 - 2.2.4 Plotting techniques and relative and true motion concepts
 - 2.2.5 Parallel indexing
- 4. Evaluation of navigational information derived from RADAR in order to make and implement command decision for collision avoidance and for directing the safe nafigation of the ship
- 5. Assessment and Evaluation