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.*
CP6224657

Nomor Sertifikat / *Certificate No.*
6212342448032424

Dengan ini dinyatakan bahwa
This is to certify that

Nama :: **EKO PRASETYO**
Name

Tempat dan tanggal lahir : BEKASI , 21 November 2003
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 : POLTEKPEL BANTEN
which has held by

di : Tangerang
at : 19 February 2024 to 23 February 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.

Jakarta, 29 February 2024

An. Direktur Jenderal Perhubungan Laut
O.b. Director General of Sea Transportation
DIREKTUR PERKAPALAN DAN KEPELAUTAN
Director of Marine Safety and Seafarers
KEPALA SUB DIREKTORAT KEPELAUTAN
Head of Seafarer Affairs Subdirectorate

Ditandatangani secara elektronik
Electronically Signed

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

Tandatangan Pemilik
Signature of the Holder

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**
   - 3.1 Performance of :
     - 3.1.1 factor affecting performance and accuracy
     - 3.1.2 setting up and maintaining displays
     - 3.1.3 detection of misrepresentation of information, false echoes, sea return, etc., racons and SARTs
   - 3.2 Use of:
     - 3.2.1 Range and bearing; course and speed of other ships; time and distance of crossing, meeting overtaking ships
     - 3.2.2 Identification of critical echoes; detectingcourse and speed changes of other ships; effect of changes in own ship's course or speed or both
     - 3.2.3 Application of the international regulation for preventing collision at sea, 1972, as amended
     - 3.2.4 Plotting techniques and relative – and true – motion concepts
     - 3.2.5 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**