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.*
CP5582637

Nomor Sertifikat / *Certificate No.*
6211519893030223

Dengan ini dinyatakan bahwa
This is to certify that

Nama :: **ANANDA MUHAMMAD FADHIL HASRINO**
Name
Tempat dan tanggal lahir : JAKARTA , 02 January 1995
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 : BP3IP Jakarta
which has held by

di : Jakarta
at : 27 February 2023 to 03 March 2023

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, 08 March 2023

Tandatangan Pemilik
Signature of the Holder

BP3IP Jakarta

An. Direktur Jenderal Perhubungan Laut
O.b. Director General of Sea Transportation
Ketua/Direktur/Kepala
Principal/Director/Head

Dr. Ir. AHMAD, M.MTr., QIA., CFr.A

RADAR SIMULATOR

Subject Area.

Based on Reg. 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. Factors 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 closest approach of crossing, meeting overtaking ships;
     - 3.2.2. Identification of critical echoes; detecting course and speed changes of other ships; effect of changes in own ship's course or speed or both;
     - 3.2.3. Application of the international regulation for prebventing collision at sea, 1972, as amanded;
     - 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.