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.*
CP5583344

Nomor Sertifikat / *Certificate No.*
6211519893020223

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

ARPA SIMULATOR

yang dilaksanakan oleh : BP3IP Jakarta
which has held by

di : Jakarta
at : 06 March 2023 to 08 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, 16 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

AUTOMATIC RADAR PLOTTING AIDS (ARPA) SIMULATOR

Subject Area.

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

Use of ARPA to Maintain Safety of Navigation

1. Knowledge of the fundamentals automatic radar plotting aids (ARPA);
2. Principal type of ARPA;
3. Ability to operate and to interpret and analyse information obtained from ARPA :
   - 3.1. System performance and accuracy, tracking capabilities and limitation, and processing delay;
   - 3.2. Use of operation warnings and system test;
   - 3.3. Methods of target acquisition and their limitation;
   - 3.4. True and relative vectors, ghrapic representation of target information and danger areas;
   - 3.5. Deriving and analysing information, critical echoes, exclusion areas and trial manoeuvres.
4. Evaluation of navigational information derived from ARPA in order to make and implement command decision for collision avoidance and for directing the safe nafigation of the ship;
5. Assessment and Evaluation.