



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.

**CP6373805**

Dengan ini dinyatakan bahwa

*This is to certify that*

Nama

*Name*

Tempat dan tanggal lahir :

*Place and date of birth*

::

**CHAKRA RUKKA**

**UJUNG PANDANG , 06 November 1996**

telah menyelesaikan pelatihan dan lulus evaluasi :

*has completed approved training and passed the assessment of*

### ARPA SIMULATOR

yang dilaksanakan oleh : **PIP Makassar**

*which has held by*

di : **Makassar**

at : **26 March 2024 to 28 March 2024**

Sesuai ketentuan STCW 1978 beserta dengan amandemennya, Peraturan :

*in accordance with the provisions of STCW 1978 as amended, Regulation*

yang telah mendapat pengesahan dari Direktorat Jenderal Perhubungan Laut selaku Administrasi.

*which has been approved by the Directorate General of Sea Transportation as Administration.*

**Section A-II/1.5, A-II/2.2 STCW 2010**

**Section A-II/1.5, A-II/2.2 STCW 2010**

**Jakarta, 02 April 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*



Tandatangan Pemilik

*Signature of the Holder*



PIP Makassar

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

# **AUTOMATIC RADAR PLOTTING AIDS (ARPA) SIMULATOR TRAINING**

## **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, graphic 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 navigation of the ship
5. Assessment and Evaluation