

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.

CP4285610

Dengan ini dinyatakan bahwa
This is to certify that

Nama
Name

:: **TEGAR ARMIANTO**

Tempat dan tanggal lahir :
Place and date of birth

JAKARTA, 05 October 1993

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

BRIDGE RESOURCE MANAGEMENT

yang dilaksanakan oleh : PIP Semarang
which has held by

di : Semarang

at : 01 February 2021 to 05 February 2021

Sesuai ketentuan STCW 1978 beserta dengan amandemennya, Peraturan
in accordance with the provisions of STCW 1978 as amended, Regulation Section A-II/1 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. Section A-II/1 STCW 2010

Tandatangan Pemilik
Signature of the Holder



PIP Semarang



Semarang, 24 March 2021

An. Direktur Jenderal Perhubungan Laut
O.b. Director General of Sea Transportation

Ketua/Direktur/Kepala
Principal/Director/Head

Dr. Capt. MASHUDI ROFIK, M.Sc



BRIDGE RESOURCE MANAGEMENT
Subject Area

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

Knowledge of Bridge Resource Management Principles

1. Allocation, Assignment and Prioritization of Resources

- 1.1 Bridge organization and procedures
- 1.2 Maintain a safe navigational watch
- 1.3 Voyage planning

2. Effective Communication

- 2.1 Effectiveness of Information Exchange with Pilot

3. Assertiveness and Leadership

- 3.1 Leadership and Group Decision Making

4. Obtaining and Maintaining Situational Awareness

- 4.1 Situational Awareness and Error Trapping
- 4.2 Casualty Cause and Prevention
- 4.3 Challenge and Response

5. Consideration of Team Experience

- 5.1 Management of Stress and Distractions
- 5.2 Fatigue and Circadian Rhythm
- 5.3 Multicultural Diversity

6. Familiarization with Bridge Simulator

7. Simulation

- 7.1 Simulation I : Narrow Channel and Dense Traffic
- 7.2 Simulation II : Emergency Response

8. Assessment and Evaluation