



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.

Nomor Sertifikat/ Certificate No.

CP6302716

6211703660270424

Dengan ini dinyatakan bahwa

This is to certify that

Nama

Name

Tempat dan tanggal lahir :

Place and date of birth

HUSNI MUBARAK
PADANG SUBUR , 07 October 1993

telah menyelesaikan pelatihan dan lulus evaluasi :

has completed approved training and passed the assessment of

ENGINE ROOM RESOURCE MANAGEMENT

yang dilaksanakan oleh : **PIP Makassar**
which has held by

di Makassar
at 13 March 2024 to 16 March 2024

Sesuai ketentuan STCW 1978 beserta dengan amandemennya, Peraturan Chapter III, Section A-III/1, A-III/2, A-III/3 and Chapter VIII Section A-VIII/2 & B-VIII/2 STCW 2010
in accordance with the provisions of STCW 1978 as amended, Regulation Chapter III, Section A-III/1, A-III/2, A-III/3 and Chapter VIII Section A-VIII/2 & B-VIII/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.

Tandatangan Pemilik
Signature of the Holder



PIP Makassar

Jakarta, 19 March 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 Subdirector

Ditandatangani secara elektronik
Electronically Signed



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

ENGINE ROOM RESOURCE MANAGEMENT
Subject Area
Based on STCW 2010 Reg. III/1-2 and STCW Code Section A-III/1

Knowledge of Engine-Room Resource Management Principles

1. Allocation, Assignment and Prioritization of Resources

- 1.1 Engine room organization and procedures
- 1.2 Maintain a safe engineering watch

2. Effective Communication

3. Assertiveness and Leadership

- 3.1 Leadership and Group Decision Making

4. Obtaining and Maintaining Situational Awareness

- 4.1 Situational Awareness and Error Trapping

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 Engine Room Simulator

7. Simulation

- 7.1 Simulation 1 : Engine Room Organization and Procedures; Team Building and Development; Leadership and Group Decision Making; Communication
- 7.2 Simulation 2 : Communication; Multicultural Diversity; Situational Awareness and Error Trapping; Management of Stress and Distraction; Fatigue and Circadian Rhythm; Assignment of Engine Room Personnel; Engine Room Preparation before Departure; Manoeuvring for Departure; Watch Keeping Routines and Handing Over; Engine Room Preparation before Arrival; Manoeuvring for Arrival; Securing Engine Room after Finished; Trouble Shooting

8. Assessment and Evaluation