

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.

CP5790533

Nomor Sertifikat / Certificate No. 6201291810270223

Dengan ini dinyatakan bahwa

This is to certify that

Nama ::

HERLAMBANG JARING SUPANGKAT

BANYUMAS, 07 March 1991

Tempat dan tanggal lahir: :
Place and date of birth

telah menyelesaikan pelatihan dan lulus evaluasi :

has completed approved training and passed the assessment of

ENGINE ROOM RESOURCE MANAGEMENT

BP3IP Jakarta

yang dilaksanakan oleh : which has held by di Jakarta

di: 27 March 2023 to 30 March 2023

Sesuai ketentuan STCW 1978 beserta dengan amandemennya, Peraturan in accordance with the provisions of STCW 1978 as amanded, Regulation

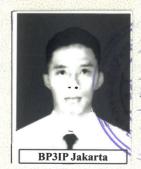
Chapter III, Section A-III/1, A-III/2, A-III/3 and Chapter VIII Section A-VIII/2 & B-VIII/2 STCW 2010 in accordance with the provisions of STCW 1978 as amanded, Regulation

yang telah mendapat pengesahan dari Direktorat Jenderal Perhubungan Laut selaku Administrasi. which has been approved by the Directorate General of Sea Transportation as Administration.

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Tandatangan Pemilik
Signature of the Holder





Jakarta, 26 May 2023

An. Direktur Jenderal Perhubungan Laut
O.b. Director General of Sea Transportation
Company (Direktur/Kepala)

BANGAN SOM PRESENTED A LUMBER

M. MURDINANTO, S.E., M.Si.



ENGINE ROOM RESOURCE MANAGEMENT

Subject Area.

Based on SCTW 1978 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. Simulation1: 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 Daparture; Manouvering for Departure; Watch Keeping Routines and Handing Over; Engine Room Preparation before Arrival; Manouvering for Arrival; Securing Engine Room after Finished; Trouble Shooting
- 8. Assessment and Evaluation.