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.

CP 1317963

Dengan ini dinyatakan bahwa
This is to certify that

Nomor Sertifikat / Certificate No.
6202006423280316

Nama :: **DERIE WIDYA PUTRA**
Name

Tempat dan tanggal lahir : SURABAYA, 14 December 1992
Place and date of birth

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

OPERATIONAL USE OF ECDIS TRAINING PROGRAMME

yang dilaksanakan oleh : PIP Semarang
which has held by

di : SEMARANG
at : 09 February 2016 to 13 February 2016

Sesuai ketentuan STCW 1978 beserta dengan amandemennya, Peraturan : Chapter II Section A-II/1, A-II/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.

Tandatangan Pemilik
Signature of the Holder

SEMARANG, 18 March 2016
An. Direktur Jenderal Perhubungan Laut
For Director General of Sea Transportation
Ketua/Direktur/Kepala
Principal/Director/Head

POLITEKNIK
ILMU PELAYARAN
SEMARANG

Capt. WISNU HANDOKO, M.Sc.

ELECTRONICS CHART DISPLAY AND INFORMATION SYSTEM (ECDIS)
Subject Area
Based on STCW 1978 as amended
Chapter II section A-II/1 and IMO Model Course 1.27

1. Introduction of Electronics Chart Display and Information System (ECDIS)
2. Legal Aspects and requirements
3. Principal types of electronic chart
4. ECDIS data
5. Presentation of ECDIS data
6. Sensors System
7. Basic navigational function and settings
8. Specific functions for route planning
9. Specific functions for route monitoring
10. Updating
11. Display and Function of Other Navigational Information
12. Errors in displayed data
13. Errors of interpretation
14. Status Indication, Indicators and Alarm
15. Documentation
16. Integrity Monitoring
17. Back-up System
18. Risk of over reliance on ECDIS
19. Review and Final Assessment