

# 49 BWVOOM BILGE WATER & WASTE OIL OPERATION MANAGEMENT



*The future of  
world class  
seafarers*

This course is designed for Deck & Engine Officers and Deck/Engine Ratings. It deals with knowledge and understanding of relevant regulations & requirements, operational duties & routines, systems & equipment, treatment techniques, and disposal methods toward proper and effective management of bilge water and waste oil onboard.

**COURSE AIMS:** Upon completion of the course, participants should be able to gain knowledge and skills on proper management of bilge water and develop aptitude in assessing the functionality and efficiency of oily water separation system onboard with emphasis on treatment techniques, disposal method, and correct entries in the Oil Record Book in accordance with MARPOL 73/78 regulations and other statutory requirements toward ensuring protection of the marine environment.

### COVERAGE / PROGRAM FOCUS:

- Regulatory framework: MARPOL 73/78 Annex I, MEPC Resolution on Performance and Test Specifications of Oil Pollution Prevention Equipment
- Principles of Bilge Management System
- Oily Water Separator/Oil Content Detector
- Bilge Water Treatment Techniques
- Bilge Water/Waste Oil System Facilities
- Correct Entries in the Oil Record Book – Part 1
- Port State Control Inspection

**METHOD:** Combination of lectures and practical instructions/exercises with the use of fully functional laboratory for the operation, handling and treatment of bilge water and waste oil. Case discussions and laboratory exercises are focused on solving problems commonly encountered by personnel on a day to day shipboard operation including making entries in Oil Record Book and ship's log book.

**ENTRY REQUIREMENT:** This course is open to all deck and engine officers as well as deck and engine ratings.

**COURSE CERTIFICATE:** A Certificate of Completion is given to each participant who satisfactorily fulfills the Course.

### DURATION:

**1 Week**

(5 Days: 0830H – 1630H)

### 2011 DATES:

1. Jan 03 – 07
2. Jan 17 – 21
3. Jan 31 – Feb 04
4. Feb 14 – 18
5. Feb 28 – Mar 04
6. Mar 14 – 18
7. Mar 28 – Apr 01
8. Apr 11 – 15
9. May 02 – 06
10. May 16 – 20
11. May 30 – Jun 03
12. Jun 13 – 17
13. Jun 27 – Jul 01
14. Jul 11 – 15
15. Jul 25 – 29
16. Aug 08 – 12
17. Aug 22 – 26
18. Sept 05 – 09
19. Sept 19 – 23
20. Oct 03 – 07
21. Oct 17 – 21
22. Oct 31 – Nov 04
23. Nov 14 – 18
24. Nov 28 – Dec 02
25. Dec 12 – 16

### COURSE CONTRIBUTION:

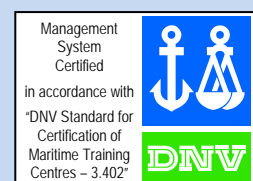
**USD 641.00**

(NSA Member)

**USD 709.00**

(Non-NSA Member)

*Inclusive of course  
materials/handout*



## Register

ADDRESS: Norwegian Training Center-Manila Gate 2 TESDA Complex, East Service Road, Taguig City, Philippines 1634

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