COURSE OVERVIEW HE0793

Oil Spill Management & Response

(IMO OPRC Level 1 & 3)

Course Title

Oil Spill Management & Response *(IMO OPRC Level 1 & 3)*

Course Reference

HE0793

Course Duration/Credits

Five days/3.0 CEUs/30 PDHs

Course Date/Venue

Session(s)	Date	Venue
1	October 30-November 06, 2023	Ajman Meeting Room, Grand Millennium Al Wahda Hotel, Abu Dhabi, UAE
2	December 17-21, 2023	Boardroom 1, Elite Byblos Hotel Al Barsha, Sheikh Zayed Road, Dubai, UAE
3	February 04-08, 2024	

Course Description

This practical and highly-interactive course includes various practical sessions and exercises. Theory learnt in the class will be applied using oil spill management and response simulator.

This course is designed to provide the knowledge and tools to assist management personnel in the development of oil spill contingency arrangements and to gain the decision-making skills necessary to make immediate and informed decisions during oil spill incidents.

Participants will also be provided with a knowledge of the fate and behavior of spilled oil, the impacts that oil has on the marine environment, the vulnerability of various to shoreline types and impact that clean-up operations may have.

The course content is designed to be compatible with the IMO OPRC Model Training Course Level 1 & 3, for First Responders, Administrators and Senior Managers.

Course Objectives

Upon the successful completion of this course, each participant will be able to:-

- Apply and gain an in-depth knowledge on oil spill management and response including the behavior, fate and effects of oil spills in the marine environment and the best practices in dealing with oil spill
- Explain oil spill properties, behaviour and fate including demonstrations of physical properties as well as health and safety, environmental sensitivity and impacts
- Implement response organisation and control strategies
- Discover the limitations of oil containment booms, failures of containment booms and boom selection
- Practice oil spill deployment, recovery and configurations of oil containment booms
- Identify oil skimmers, deployment and operation of various types of skimmers
- Employ systematic techniques on storage and transportation of recovered oil, demonstrations of equipment, storage and maintenance
- Carryout proper usage of dispersants and absorbing materials
- Apply shoreline clean-up techniques, cleaning, maintenance and storage of equipment
- Recognize oil sampling, cost recovery and documentation as well as identify wildlife casualties
- Identify causes, fate and effects of spilled oil and employ oil spill contingency planning process
- Carryout spill response strategies and recognize their limitations and issues arising
- Recognize liability and compensation and identify spill management, their roles and responsibilities
- Manage and deal with the communications, media issues, spill response objectives and policy issues and perform proper termination of response

Exclusive Smart Training Kit - H-STK®

*Participants of this course will receive the exclusive "Haward Smart Training Kit" (**H-STK®**). The **H-STK®** consists of a comprehensive set of technical content which includes **electronic version** of the course materials, sample video clips of the instructor's actual lectures & practical sessions during the course conveniently saved in a **Tablet PC**.*

Who Should Attend

This course is intended for first responders, administrators and senior managers. The course is essential for managers, engineers and other technical and admin staff involved in oil spill management within ports, marine terminals, environmental, safety, HSE, marine operations, maintenance, marine authorities, municipalities, governmental and regulatory authorities.

Course Certificate(s)

(1) Internationally recognized Wall Competency Certificates and Plastic Wallet Card Certificates will be issued to participants who completed a minimum of 80% of the total tuition hours and successfully passed the exam at the end of the course. Certificates are valid for 5 years.

Sample of Certificates

The following are samples of the certificates that will be awarded to course participants:-

(2) Official Transcript of Records will be provided to the successful delegates with the equivalent number of ANSI/IACET accredited Continuing Education Units (CEUs) earned during the course

Haward Technology Middle East

Continuing Professional Development (HTME-CPD)

CEU Official Transcript of Records

TOR Issuance Date: 14-Nov-21

HTME No. 3558-6717-5364-9527

Participant Name: Abdulsatar Al Otaibi

Program Ref.	Program Title	Program Date	No. of Contact Hours	CEU's
HE0793	Oil Spill Management & Response (IMO OPRC Level 1 & 3)	10 Nov-14 Nov, 2021	30	3.0

Total No. of CEU's Earned as of TOR Issuance Date **3.0**

TRUE COPY

Maricel De Guzman
Academic Director

Haward Technology has been approved as an Authorized Provider by the International Association for Continuing Education and Training (IACET), 2201 Cooperative Way, Suite 600, Herndon, VA 20171, USA. In obtaining this approval, Haward Technology has demonstrated that it complies with the ANSI/IACET 1-2013 Standard which is widely recognized as the standard of good practice internationally. As a result of their Authorized Provider membership status, Haward Technology is authorized to offer IACET CEUs for programs that qualify under the ANSI/IACET 1-2013 Standard.

Haward Technology's courses meet the professional certification and continuing education requirements for participants seeking Continuing Education Units (CEUs) in accordance with the rules & regulations of the International Association for Continuing Education & Training (IACET). IACET is an international authority that evaluates programs according to strict, research-based criteria and guidelines. The CEU is an internationally accepted uniform unit of measurement in qualified courses of continuing education.

Haward Technology is accredited by

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Course Accreditations

Certificates are accredited by the following international accreditation organizations:-

- The International Accreditors for Continuing Education and Training (IACET - USA)

  Haward Technology is an Authorized Training Provider by the International Accreditors for Continuing Education and Training (IACET), 2201 Cooperative Way, Suite 600, Herndon, VA 20171, USA. In obtaining this authority, Haward Technology has demonstrated that it complies with the **ANSI/IACET 2018-1 Standard** which is widely recognized as the standard of good practice internationally. As a result of our Authorized Provider membership status, Haward Technology is authorized to offer IACET CEUs for its programs that qualify under the **ANSI/IACET 2018-1 Standard**.

  Haward Technology's courses meet the professional certification and continuing education requirements for participants seeking **Continuing Education Units** (CEUs) in accordance with the rules & regulations of the International Accreditors for Continuing Education & Training (IACET). IACET is an international authority that evaluates programs according to strict, research-based criteria and guidelines. The CEU is an internationally accepted uniform unit of measurement in qualified courses of continuing education.

  Haward Technology Middle East will award **3.0 CEUs** (Continuing Education Units) or **30 PDHs** (Professional Development Hours) for participants who completed the total tuition hours of this program. One CEU is equivalent to ten Professional Development Hours (PDHs) or ten contact hours of the participation in and completion of Haward Technology programs. A permanent record of a participant's involvement and awarding of CEU will be maintained by Haward Technology. Haward Technology will provide a copy of the participant's CEU and PDH Transcript of Records upon request.

- British Accreditation Council (BAC)

  Haward Technology is accredited by the **British Accreditation Council** for **Independent Further and Higher Education** as an **International Centre**. BAC is the British accrediting body responsible for setting standards within independent further and higher education sector in the UK and overseas. As a BAC-accredited international centre, Haward Technology meets all of the international higher education criteria and standards set by BAC.

Accommodation

Accommodation is not included in the course fees. However, any accommodation required can be arranged at the time of booking.

Course Instructor(s)

This course will be conducted by the following instructor(s). However, we have the right to change the course instructor(s) prior to the course date and inform participants accordingly:

Captain Emilio Tapias, Master, MBA, is an **International Expert** in **Port Operations & Management** and **HSE** with over **45 years** of extensive experience within the **Oil**, **Gas** & **Process** industries. His expertise evolves in **Coastal Navigation**, **Oil Spill Management & Response**, **HSE Management & Systems**, **Marine Terminal Operations** & **Management**, **Marine Survey**, **Offshore Survey**, **Tanker Vetting Inspections**, **Registry** & **Inspection** of **Ship Tankers** and **Dry Cargo Vessels**, Shoreline Site Supervisor (**IMO Level 1**), **Bridge Resource Management** (**BRM**), **Crude Oil Tanker** & **Gas Carrier**, **Dock** & **Terminal Operations**, **LPG/LNG**, **Ships Handling**, **Prevention** and **Management** of **Marine Corrosion**, **Marine Communication Systems**, **OCIMF**, **CIRE**, **CDI**, **COW/IG**, **ECDIS**, **GMDSS**, **HUET**, **VTS**, **ARPA**, **ISM**, and **ISPS**. Further, he is an expert in Detection & Control on Ships & Offshore Operation, Marine Pollution, Handling of Dangerous Goods in Ships & Terminals, Survival from Ships & Offshore Structures, Firefighting, Fire Prevention, Medical First Aid & Medical Care. Currently, he is the **Chairman** of the **International Ships Register** in **Spain** that provides marine consultancy services, investigation, registry and ships inspection.

During his career life, Captain Tapias has gained his technical and marine expertise through various challenging and key positions such as the **Marine Training Director**, **Marine Ship Chairman**, **Marine School Chairman**, **Master** & **Chief Officer**, **Consultant**, **Marine Auditor**, **Marine Surveyor**, **Nautical Inspector**, **Chemical Vessels Construction Supervisor**, **Ship Filing Agent**, **Ship Special Agent**, **Ship Registration Agent** for several international companies.

Captain Tapias has a **Master** degree in **General Management** from the **Escuela International De Negocios – CEREM**, a **Master** in **Spanish Merchant Marine** and in **Marine Control** from the **Canary Government of Spain**, and an **MBA** from the **University of Complutense** (**Madrid**). He holds a **Certification** in **Business Management** from the **Spanish Ministry** of **Industry** and in **Economic Sciences** from the **University Complutense**, **Madrid**. Further, he is a **Certified Marine Firefighter**, a **Certified Marine Surveyor**, **Port State Control Inspector** and **ISPS Officer**, a **Certified Auditor** in **Environmental Management,** a **Certified Instructor/Trainer** and a **Certified Internal Verifier/Assessor/Trainer** by the **Institute of Leadership & Management** (**ILM**). He has obtained **multiple certifications** in Firefighting, Survival Craft, Ship Tankers, Crude Oil Tankers, Gas Carriers, Chemical Carriers, Ships Handling, Bunkering, Marine Loss Control, Marine Pollution Control and many more. He has further delivered numerous trainings, workshops, courses and conferences worldwide.

Course Fee

US$ 7,500 per Delegate + **VAT**. This rate includes H-STK® (Haward Smart Training Kit), buffet lunch, coffee/tea on arrival, morning & afternoon of each day.

Training Methodology

This interactive training course includes the following training methodologies as a percentage of the total tuition hours:-

30% Lectures
20% Workshops & Work Presentations
30% Case Studies & Practical Exercises
20% Software, Simulators & Videos

In an unlikely event, the course instructor may modify the above training methodology before or during the course for technical reasons.

Course Program

The following program is planned for this course. However, the course instructor(s) may modify this program before or during the course for technical reasons with no prior notice to participants. Nevertheless, the course objectives will always be met:

Day 1

0730 – 0800	*Registration & Coffee*
0800 – 0815	*Welcome & Introduction*
0815 – 0830	***PRE-TEST***
0830 – 0930	***Level 1: Module 1*** *Oil Spill Properties, Behaviour and Fate ● Demonstrations of Physical Properties ● Health and Safety ● Environmental Sensitivity and Impacts ● Response Organisation and Control Strategies*
0930 – 0945	*Break*
0945 – 1100	***Level 1: Module 2*** *Oil Containment Booms ● Failures of Containment Booms ● Boom Selection ● Deployment, Recovery and Configurations of Oil Containment Booms ● Oil Skimmers ● Deployment and Operation of Various Types of Skimmers ● Storage and Transportation of Recovered Oil ● Demonstrations of Equipment, Storage and Maintenance*
1100 – 1230	***Level 1: Module 3*** *Use of Dispersants ● Use of Absorbing Materials ● Exercise: Use of Absorbing Materials*
1230 – 1245	*Break*
1245 - 1420	***Level 1: Module 4*** *Shoreline Clean-up ● Cleaning, Maintenance and Storage of Equipment ● Oil Sampling, Cost Recovery and Documentation ● Wildlife Casualties*
1420 - 1430	***Recap*** *Using this Course Overview, the Instructor(s) will Brief Participants about the Topics that were Discussed Today and Advise Them of the Topics to be Discussed Tomorrow*
1430	*Lunch & End of Day One*

Day 2

0730 – 0930	***Level 3: Practical Exercises in Oil Combating***
0930 – 0945	*Break*
0945 – 1100	***Level 3: Practical Exercises in Oil Combating (cont'd)***
1100 – 1230	***Level 3: Module 1*** *Causes, Fate and Effects of Spilled Oil*
1230 – 1245	*Break*
1245 – 1420	***Level 3: Module 2*** *The Contingency Planning Process*
1420 - 1430	***Recap***
1430	*Lunch & End of Day Two*

Day 3

0730 – 0930	***Level 3: Module 3*** *Spill Response Strategies: Their Limitations and Issues Arising*
0930 - 0945	*Break*
0945 – 1100	***Level 3: Module 3 (cont'd)***
1100 – 1230	***Level 3: Module 4*** *International Co-operation and the Legal Framework*
1230 – 1245	*Break*
1245 - 1420	***Level 3: Module 5*** *Liability and Compensation*
1420 - 1430	***Recap***
1430	*Lunch & End of Day Three*

Day 4

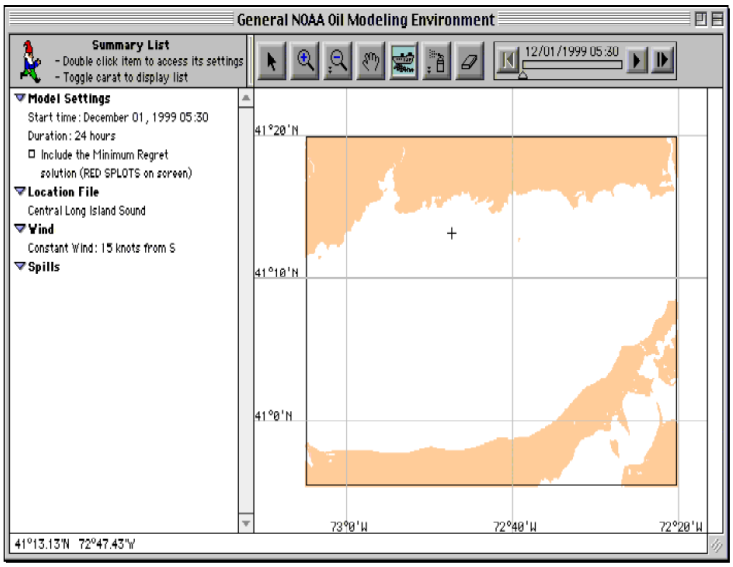
0730 – 0930	***Level 3: Module 6*** *Spill Management: Roles and Responsibilities*
0930 - 0945	*Break*
0945 – 1100	***Level 3: Module 6***
1100 – 1230	***Level 3: Module 7*** *Communications and Media Issues*
1230 – 1245	*Break*
1245 - 1330	***Level 3: Module 8*** *Spill Response Objectives and Policy Issues*
1420 - 1430	***Recap***
1430	*Lunch & End of Day Four*

Day 5

0730 – 0930	***Level 3: Module 9*** *Termination of Response*
0930 - 0945	*Break*
0945 – 1045	***Level 3: Module 9 (cont'd)***
1045 – 1230	***Simulation Exercise and Action List***
1230 – 1245	*Break*
1245 – 1300	***Action Plan Development***
1300 - 1315	***Course Conclusion***
1315 - 1415	***COMPETENCY EXAM***
1415 - 1430	*Presentation of Course Certificates*
1430	*Lunch & End of Course*

Simulator (Hands-on Practical Sessions)

Practical sessions will be organized during the course for delegates to practice the theory learnt. Delegates will be provided with an opportunity to carryout various exercises using the state-of-the-art "GNOME Simulator".



GNOME Simulator

Course Coordinator

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