COURSE OVERVIEW HE0799
Oil Spill Combating Operations
(Supervision-IMO 2 and Management-IMO 3)

Course Title
Oil Spill Combating Operations (Supervision-IMO 2 and Management-IMO 3)

Course Date/Venue
October 13-17, 2024/Club B Meeting Room, Ramada Plaza by Wyndham Istanbul City Center, Istanbul, Turkey

Course Reference
HE0799

Course Duration/Credits
Five days/3.0 CEUs/30 PDHs

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.

The International Convention on Oil Pollution Preparedness, Response and Cooperation, 1990 (OPRC) calls for the International Maritime Organization, along with relevant international and regional organisations, oil and shipping industries, to develop a comprehensive training programme in the field of oil pollution preparedness and response including the availability of expertise for the development and implementation of training programmes. In this regard, it was decided to develop three model training courses aimed at the following:-s

Level one: First Responders
Level two: Supervisors and On-Scene Commanders
Level three: Administrators and Senior Managers

The Level Two course (Response to Marine Oil Spills Course for Supervisors and On-Scene Commanders) is designed to be conducted either as an intensive one week course or in modular fashion. The Level Three course (Response to Marine Oil Spills Seminar for Administrators/Senior Managers) is designed to be conducted as an intensive two day seminar.

This course is designed to provide participants with a comprehensive knowledge and skills required by IMO to certify them as Level-2 and Level-3 in Oil Pollution Preparedness, Response and Cooperation (OPRC). It covers the oil spill response and the causes, fate and effects of spilled oil; the contingency planning, response management and organization; the regulatory and legal aspects/requirements; the marine spill response strategies; the international co-operation and the legal framework; the liability and compensation; the roles and responsibilities in spill management; and the sensitivity mapping and the behavior and fate of an oil spills.

During this interactive course, participants will learn the environmental and economic impact of oil spills; the assessment and quantifications; the medical aspects and hazard identification; the spill response objectives and policy issues; the operation planning, containment, protection and recovery of oil; the shoreline clean up, site safety, waste management and trajectory management; the national/international cooperation and volunteers; the incident command, control and management; handling claims and legal aspects; participating in media press management and info sharing to community; information gathering and records keeping; liability and compensation; and the termination and post-incident debriefing.

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 combating operations
- Carryout contingency planning and emergecy response and discuss MARPOL and KEPA regulations and effective combating management
- Apply communication with public and media and review legal frameworks and limit the impact on the organization's reputation
- Discuss oil spill response and the causes, fate and effects of spilled oil
- Carryout contingency planning, response management and organization
- Identify regulatory and legal aspects/requirements
- Illustrate marine spill response strategies, international co-operation and the legal framework, liability and compensation
- Recognize the roles and responsibilities of spill management
- Discuss sensitivity mapping and the behavior and fate of an oil spills
- Explain the environmental and economic impact of oil spills assessment and quantifications and the medical aspects and hazard identification
- Review spill response objectives and policy issues
- Carryout operation planning, oil spill response options, containment, protection and recovery of oil
- Describe dispersants and in-situ burning as well as apply shoreline clean up and site safety
- Employ waste management and trajectory modelling

- Participate in national/international cooperation and volunteers and perform incident command, control and management
- Carryout claims handling and legal aspects as well as participate in media press management and info sharing to community
- Gather information and records keeping
- Apply liability and compensation, termination of response and post-incident debriefing

Who Should Attend

This course is intended for supervisors, on-scene commanders, administrators and senior managers. The course is also 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.

Training Methodology

All our Courses are including **Hands-on Practical Sessions** using equipment, State-of-the-Art Simulators, Drawings, Case Studies, Videos and Exercises. The courses include the following training methodologies as a percentage of the total tuition hours:-

30% Lectures
20% Practical Workshops & Work Presentations
30% Hands-on Practical Exercises & Case Studies
20% Simulators (Hardware & Software) & Videos

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

Course Fee

US$ 8,000 per Delegate + **VAT**. This rate includes Participants Pack (Folder, Manual, Hand-outs, etc.), buffet lunch, coffee/tea on arrival, morning & afternoon of each day.

Course Certificate(s)

(1) Internationally recognized Competency Certificates and Plastic Wallet Cards 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:-

(1) 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
HE0799	Oil Spill Combating Operations (Supervision-IMO 2 and Management-IMO 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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Certificate 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**, **HSE Management & Systems**, **Marine Terminal Operations** & **Management**, **Marine Survey**, **Offshore Survey**, **Tanker Vetting Inspections**, **Registry** & **Inspection** of **Ship Tankers** and **Dry Cargo Vessels**, **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 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: Sunday, 13th of October 2024

0730 – 0800	*Registration & Coffee*
0800 – 0815	*Welcome & Introduction*
0815 – 0830	***PRE-TEST***
0830 – 0915	***Overview of Spill Response***
0915 – 0930	***Causes, Fate & Effects of Spilled Oil***
0930 – 0945	*Break*
0945 – 1030	***Contingency Planning, Response Management & Organization***
1030 – 1145	***Regulatory & Legal Aspects/Requirements***
1145 – 1230	***Marine Oil Spill Response Strategies***
1230 – 1245	*Break*
1245 – 1315	***International Co-operation & the Legal Framework***
1315 – 1420	***Liability & Compensation***
1420 – 1430	***Recap***
1430	*Lunch & End of Day One*

Day 2: Monday, 14th of October 2024

0730 – 0815	***Spill Management: Roles & Responsibilities***
0815 – 0930	***Sensitivity Mapping***
0930 – 0945	*Break*
0945 – 1045	***Behavior & Fate of an Oil Spill***
1045 – 1230	***Environmental & Economic Impact of Oil Spills***
1230 – 1245	*Break*
1245 – 1330	***Assessment & Quantifications***
1330 – 1420	***Medical Aspects & Hazards Identification***
1420 – 1430	***Recap***
1430	*Lunch & End of Day Two*

Day 3: Tuesday, 15th of October 2024

0730 – 0835	***Spill Response Objectives & Policy Issues***
0835 – 0930	***Operations Planning***
0930 – 0945	*Break*
0945 – 1020	***Oil Spill Response Options – Optional***
1020 – 1230	***Containment, Protection & Recovery of Oil***
1230 – 1245	*Break*
1245 – 1315	***Dispersants***
1315 – 1420	***In-Situ Burning - Optional***
1420 – 1430	***Recap***
1430	*Lunch & End of Day Three*

Day 4 Wednesday, 16th of October 2024

0730 – 0800	***Shoreline Clean-Up***
0830 – 0930	***Site Safety***
0930 – 0945	*Break*

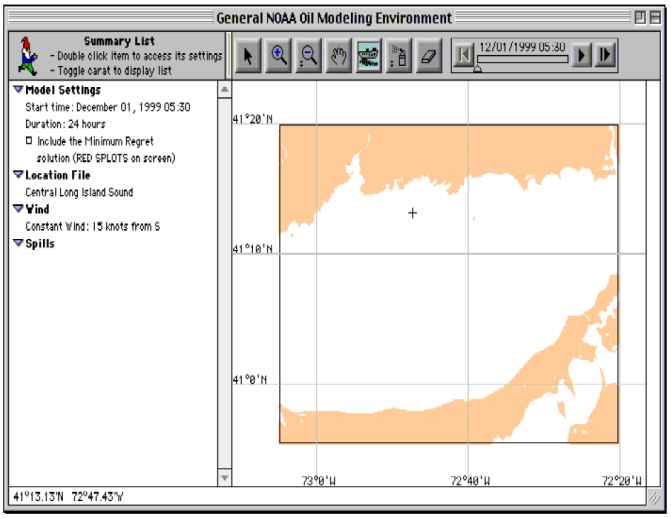
0945 – 1050	***Waste Management***
1050 – 1230	***Trajectory Modelling***
1230 – 1245	*Break*
1245 – 1330	***National/International Cooperation & Volunteers***
1330 – 1420	***Incident Command, Control & Management***
1420 – 1430	***Recap***
1430	*Lunch & End of Day Four*

Day 5 ***Thursday, 17th of October 2024***

0730 – 0815	***Claims Handling & Legal Aspects***
0815 – 0930	***Media & Press Management & Info Sharing to Community***
0930 – 0945	*Break*
0945 – 1045	***Information Gathering & Record Keeping***
1045 – 1230	***Liability & Compensation***
1230 – 1245	*Break*
1245 – 1315	***Termination of Response***
1315 – 1345	***Post-Incident Debriefing***
1345 – 1400	***Course Conclusion***
1400 – 1415	***POST-TEST***
1415 – 1430	*Presentation of Course Certificates*
1430	*Lunch & End of Course*

Simulator (Hands-on Practical Sessions)

Practical session 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 simulator "GNOME Simulator".



GNOME Simulator

Course Coordinator

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