

**COURSE OVERVIEW HE0793**  
**Oil Spill Management & Response**  
*(IMO OPRC Level 1 & 3)*

**Course Title**

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

**Course Date/Venue**

November 17-21, 2024/Boardroom, Warwick Hotel Doha, Doha, Qatar

**Course Reference**

HE0793

**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.***

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 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 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 have successfully completed the course and 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

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**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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\* Haward Technology \* CEUs \* Haward Technology \* CEUs \* Haward Technology \* CEUs \* Haward Technology \*

### 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.

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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.

### 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
- 20% Case Studies & Practical Exercises
- 30% Videos, Software & Simulators

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

**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 Sergey Kole**, is an **International Expert** in **Port Operations & Management** with over **25 years** of **onshore and offshore** experience within the **Oil & Gas, Petroleum and Refinery** industry. His expertise widely covers in the areas of **Tanker Vetting & Inspection, Marine Vetting & Audit Criteria Manual for Tank Ships, Marine & Ship Vetting, Vetting Process & Marine Safety Criteria, Tanker Vetting for Terminals, Ship Vetting, Marine Terminal Operations & Management, Marine Hazards Prevention & Control, Marine Communication Systems, Marine Safety, Ship Management, Oil Terminal Planning, Vessels Operations, Terminal Management & Support Operations, Oil Spill Contingency & Emergency Response Plan, Qualitative & Quantitative Risk Assessments, Terminal Planning, Oil Tanker Storage Planning, Cargo Transfer Handling, Loading & Discharging, Ballasting, Tank Cleaning, Crude Oil Washing, Ship Handling, Radar Navigation, Navigational Aids, Meteorological Data Review, Sea & Weather Condition Monitoring, ERT Vessel Coordination and Transport & Distribution Carrier**. Further, he is well-versed in **Sea-going Personnel Human Resource Management, Survival Craft & Rescue Boats, Dynamic Positioning, Anti-Piracy Preparedness & Response, Shipping Maintenance System, Oil & Chemical Tanker, Liquefied Gas Tanker, Inert Gas System, Crude Oil Tanker & Gas Carrier, Offshore Logistics & Supply Management, Marine Fleet Management & Operations, International Maritime Conventions & Codes, Marine Radar, Port Traffic Control Systems & Instrumentation, H<sup>2</sup>S Hazard Awareness, Firefighting, Medical Care Onboard, Carriage of Dangerous & Hazardous Substances and Ballast Water & Sediment Management**.

During his career life, Captain Sergey has gained his technical and marine expertise through various challenging key positions such as being the **Captain, Operations Director, Project Manager, Port Supervisor, Master** of General Cargo Ship, **Master** of Container Ship, **Chief Officer, Marine Operations Specialist, Marine Coordinator, On-call Duty Officer, Crewing Consultant, 2<sup>nd</sup> Officer, Ship Chandler** and **Senior Instructor/Trainer** for several international companies such as **ZADCO, AMEC Foster Wheeler, Fircroft Engineering Services, Ltd., Rusalina Yacht Company, Van Oord Offshore, Exxon Neftegaz Ltd (ENL), Jr Shipping, Carisbrooke Shipping, Unicorn Petrol ve Kimya, Q Shipping BV, m/v Tradeport, Miedema Shipping CV, Rah Management BV, Petrobulk Maritime Inc., Empross Lines Ship Management, Melcard Ltd., Aquarian Shell Marine Inc., Mercy Baaba and Square Ltd.**

Captain Sergey has a **Bachelor's** degree in **Navigation in Nautical Studies** from the **Kiev State Academy of Water Transport, Ukraine** and holds a **Master Mariner (Unlimited)** Certificates of Equivalent Competency from the **MCA, UK and NSI, Netherlands**. Further, he is a **Certified Instructor/Trainer**, a **Certified Internal Verifier/Assessor/Trainer** by the **Institute of Leadership & Management (ILM)** and has delivered various trainings, courses, seminars, workshops and conferences internationally.

### Course Fee

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

### Accommodation

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

### 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: Monday, 17<sup>th</sup> of November 2024**

0730 – 0800	Registration & Coffee
0800 – 0815	Welcome & Introduction
0815 – 0830	<b>PRE-TEST</b>
0830 – 0930	<b>Level 1: Module 1</b> 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	<b>Level 1: Module 2</b> 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	<b>Level 1: Module 3</b> Use of Dispersants • Use of Absorbing Materials • Exercise: Use of Absorbing Materials
1230 – 1245	Break
1245 – 1420	<b>Level 1: Module 4</b> Shoreline Clean-up • Cleaning, Maintenance and Storage of Equipment • Oil Sampling, Cost Recovery and Documentation • Wildlife Casualties
1420 – 1430	<b>Recap</b> 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: Monday, 18<sup>th</sup> of November 2024**

0730 – 0930	<b>Level 3: Practical Exercises in Oil Combating</b>
0930 – 0945	Break
0945 – 1100	<b>Level 3: Practical Exercises in Oil Combating (cont'd)</b>
1100 – 1230	<b>Level 3: Module 1</b> Causes, Fate and Effects of Spilled Oil



1230 – 1245	Break
1245 – 1420	<b>Level 3: Module 2</b> <i>The Contingency Planning Process</i>
1420 - 1430	<b>Recap</b>
1430	Lunch & End of Day Two

**Day 3: Tuesday, 19<sup>th</sup> of November**

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

**Day 4; Wednesday, 20<sup>th</sup> of November**

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

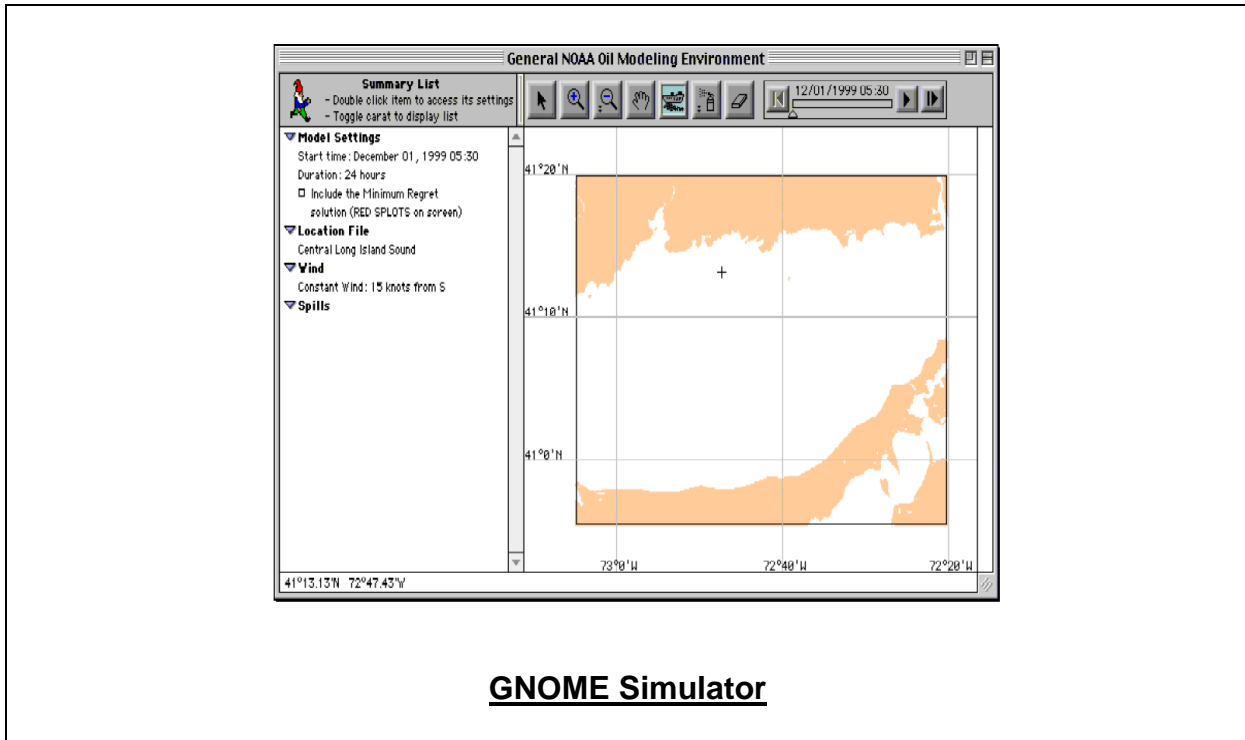
**Day 5: Thursday, 21<sup>st</sup> of November**

0730 – 0930	<b>Level 3: Module 9</b> <i>Termination of Response</i>
0930 - 0945	Break
0945 – 1045	<b>Level 3: Module 9 (cont'd)</b>
1045 – 1230	<b>Simulation Exercise and Action List</b>
1230 – 1245	Break
1245 – 1300	<b>Action Plan Development</b>
1300 - 1315	<b>Course Conclusion</b>
1315 - 1415	<b>COMPETENCY EXAM</b>
1415 - 1430	<i>Presentation of Course Certificates</i>
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”.



**Course Coordinator**

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