

Offshore Marine Operations Awareness Course

This three-day course has been designed to be suitable for anyone with an interest or a need to know more about offshore marine operations, in particular:

- Young engineers, managers, business development executives, HSE personnel & and those involved in QA or Environmental analysis & planning issues.
- Anyone strongly involved in Project support work related to the offshore industry
- New entrants from other industry sectors
- Those within the sector seeking to acquire a greater awareness of this segment or simply looking to update their knowledge
- Those from outside the sector seeking to gain information on how the offshore marine sector works.

By using key supply and service companies the modules are presented by the front line industry players giving the delegates the most up to date information available.

PROGRAMME

Day 1 . 09.00 – 17.00

Offshore Industry - Perspective

Phases of a field:

Exploration & Assessment, Construction & Development, Production, Inspection & Maintenance, Decommissioning & Abandonment
Geography of Offshore Operations
 Shallow Water, Deepwater, Deep Wells, Australian Focus, Regional Focus

Tea/coffee

Offshore Operations Assets

Vessels & Units

DP, Conventional

Supported Units

MODUs, Construction Barges, FPSO, FLNG, FSO

Platforms

Floating/Standing, Manned/Unmanned

Supporting Units

Tugs – Anchor Handling – Supply
 Platform supply Vessels (FSV), Pipe Carriers, Dive Support Vessel, ROV/AUV Support Vessel, Heavy Lift Vessels, Rock Dumpers, Personnel Transport, Platform Maintenance Vessels, Stand-by & Safety

Independent Units

Seismic, Site Survey, Dive Support, DP MODUs, Specialist Vessels

12.30 – 13.30 Lunch

Offshore Operations Tasks

Seismic Survey

Site/Route Survey

ROV, AUV, Coring

Survey Navigation

Surface, Subsea

Drilling

Jack-ups, Barges, Semi Subs, Drill-ships, Deepwater & DP

Tea/coffee

Specialist Vessel Operations

Anchoring & Mooring, DSV – Air & Saturation, Construction, Cable/Riser/Umbilical/Pipe-lay, Heavy Lift, Trenching, Maintenance & Inspection, Intervention

Supply & Logistics

Design & Planning, Conventional/Commercial Networks, Towing, Heavy Lift, Dumb Barges, Support Bases, Port Services

18.00 Course dinner

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SUT is supported by



Day 2 . 09.00 – 16.30

Commercial – In The Market

Owners & Charterers

Charter Parties & Other Contracts, Standard Form/Corporate, BIMCO, Voyage/Time/Bare Negotiation

Rates

Admiralty Law

Dispute Resolution, Operational Reality, Brokers
 Rent, Lease or buy?

Tea/coffee

The Market

SE Asia & Australasia, The Flow From Elsewhere, Proactive/Reactive

Drivers & Cycles

Economics, Seasons

HR & IR

Marine Insurance

Contractual, Obligations, Practicality, Scope

Marine Warranty

Standards, Inspection & Verification, Practicality

12.30 – 13.30 Lunch

Statutory Compliance

Flag State, Port State, IMO, SOLAS, ISM, ISPCS, MARPOL

Classification Societies

History & Role, IACS, Survey, Class Records, Class Certification, Verification, Accreditation, Un-classed Vessels

Tea/coffee

Suitability

Selection, Audit, PMS, SMS, Compliance, Condition

HSE

Safety Cases, Reporting, Environment, AMSA, NOPSA, Other Agencies

16.30 Day end

Day 3 . A.M. 09.00 – 16.00

Clients, Contractors & Operators

Who is What?

Process Strategy & Tactics

Quality & Safety Management

Process Design and Implementation, Organisational Design

Technical Preparation

Design & Procedure, Standards & Verification, Approvals

Sourcing & Selection

Budget

Campaign/Project Roll-out

Financial Approval, Contracts

Tea/Coffee

Mobilisation

Planning & Implementation, Safety & Emergency Response, Interface and Communication, Mobilisation, Facilities/Equipment/People, Certification, Supply

Deployment

Management vs Control, Roles & Responsibilities

Communication & Reporting

Information Support, Monitoring – Schedules & Progress, Safety Reporting & Support, Logistics, Data & Verification

Demob & Close-Out

Demobilisation, Contract Obligations, Commercial Close-out, Exit Strategy

Lessons Learned

13.00 – 14.00 Lunch

Future Development of the Marine Sector

Industry Perspective

Oil & Gas, Deep Water, Hostile Environment, Sensitive Areas

Technological

Survey, ROV/AUV/Diver, PSV/ASV, Drill Floor

Tea/coffee

Environmental Response

Subsea Completions & Processing, Floating Structures, Mooring Technologies

Wrap Up

Certification

Presenting companies



LAND & MARINE
TECHNOLOGY SYSTEMS

