

Offshore Marine Operations Awareness Course

1st – 3rd December 2009

Parmelia Hilton Hotel (Pinnacles Room), Mill Street, Perth, Australia



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 & 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

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

Independent Units

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

12.30 – 13.15 Lunch

Offshore Operations Tasks

Seismic Survey, Site/Route Survey

ROV, AUV, Coring

Survey Navigation, Surface, Subsea

Tea/coffee

Specialist Vessel Operations

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

Weather Implications for Offshore

Marine Operations

Overview of Metocean Data Sources
Interpretation of Exceedance and Occurrence
Vessel Motions Overview
Introduction to Operational Limiting Seastates
Weather Windows

Supply & Logistics

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

18.00 Course dinner

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?

The Market

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

Drivers & Cycles

Economics, Seasons

HR & IR

Tea/coffee

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,
ISPS, MARPOL

Selection & Suitability

Selection, Audit, PMS, SMS, Compliance,
Condition

Tea/coffee

Classification Societies

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

16.30 Day end

Day 3 . A.M. 09.00 – 16.00

Project Management

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

12.45 – 13.45 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

Future Developments in the offshore Industry

Australian review (field locations; weather; infrastructure)

Future Drivers

Development Options

The FPSO/FSO

Marginal Field Developments

Where to Next ?

Wrap Up

16.00 Certification - Course End

Presenting companies



Registration Information

Offshore Marine Operations (Dec 09)

For further information on this event please contact Joyce Bremner on j.bremner@sut.org Tel. + 61 (8) 9446 9903
To register, either e-mail the information required on the registration form to Perthevents@sut.org
or fax the completed form to + 61 (8) 9446 9905

Registration Fees

SUT Members \$1500.00 + GST

Non Member \$1800.00 + GST

Included in the Fees: All refreshments during the Course, including dinner on the first night, and a copy of the Course notes.

Preferred Payment Methods:

Credit Card: Mastercard, Visa or *AMEX ONLY. We cannot accept payment by any other card.

**Please note if paying by AMEX their will be an additional charge of 2.75%*

Cheque: Australian Dollar only, made payable to The Society for Underwater Technology
Send to, Post Office Box 7284, Cloisters Square, Perth, WA 6850
Please make sure you reserve a place by e-mail or fax before posting your cheque.

Invoice Please provide PO No. etc.

Joining Instructions:

Joining instructions will be e-mailed to the registered delegate (as shown on the registration form). All details of lecturers and updates to the programme will be included in the joining instructions.

Course Dinner:

An informal dinner will be held in a local restaurant on the first night of the course (details with joining instructions)

Cancellations:

Refunds will be made on written cancellation received up to ten working days in advance of the event, but will be subject to a 15% handling charge. 50% will be deducted up to three working days in advance and 100% thereafter up to the start of the event. No refund will be given for non-attendance. Delegates may wish to nominate a substitute in their place.

Transport During the Course:

Delegates are responsible for their own travel arrangements at the beginning and end of each day.

SUT reserves the right to change/amend the programme as it sees fit. All details of lecturers and updates to the programme will be provided with the Joining Instructions.

Registration Form

Please e-mail details to perthevents@sut.org or fax the completed form to (08) 9446 9905

SUT Member No. _____

Please tick to indicate your preferred payment method:

Credit Card _____ (Visa, MasterCard or AMEX*) Cheque _____ Invoice (PO No.) _____

Name _____

Company _____

Address _____

E-mail address _____ Tel No. _____

Credit Card No: VISA or MASTER CARD ONLY. _____ / _____ / _____ / _____

Exp. _____ / _____ Security no _____ (last 3 digits on the back of your card)

Name on the card _____

Billing Address if not as above _____

Amount to be charged \$ _____ Signature _____