Operating Subsea Oil & Gas Production Systems
21st August 2013
Ibis Hotel, (Salt Room), Murray Street, Perth

Subsea production is not a new concept; however, advances in subsea technologies continue to enhance the economic development of offshore exploration discoveries in all water depths. Crucial to the economic success of such developments is the need to understand the consequences of one’s actions. This one-day course is aimed at creating an awareness of the applications of subsea equipment and plant, how subsea equipment is operated, the vulnerabilities to which it is susceptible, the requirements to continuously inspect, maintain and repair and the consequences of equipment downtime and lost production.

PROGRAMME

08.30  Registration

08.40  General Introduction to Subsea Production systems
  Presented by: Mike Theobald, Woodside Ltd.
  Components of subsea systems, the “building blocks”
  The purpose of each element and how they fit into the
  overall system.

09.30  Managing Subsea Assets
  Presented by: Roland Fricke, Woodside Ltd.
  Examples of existing subsea infrastructure.
  The extent of production from subsea wells
  Indicative subsea maintenance costs
  Examples of engineering, operations and maintenance roles &
  team structure.

10.30  Tea/Coffee

10.45  Operating Strategies/practices
  Presented by: James Holbeach, Wood Group Kenny
  Operation of subsea tie-backs on typical oil & large gas/
  condensate developments
  Pressure, Temperature & compositional operating
  developments
  Flow control and liquid management
  Hydrate & Wax mitigation strategies
  Hydrate remediation strategies
  Planned and Unplanned field start-ups/shut downs
  Pigging operations

12.00  Lunch

12.30  Operating Subsea Systems
  Presented by: David Thain, Woodside Energy Ltd.
  A short overview of operating a subsea system, from well
  start up through the operating phase to well shutdown. What
  information is readily available, how to interpret it, to
  ensure a safe, smooth and efficient operation.

13.15  Vulnerabilities - What could go wrong?
  Presented by: Ewan Rowell, Chevron Australia Pty Ltd.
  Explanations of the vulnerability of subsea hardware to the following:
  Hydrates, waxes & scale, causes & remedies
  Control Fluid Cleanliness; Incompatible Fluids
  Insulation Resistance; Gas Ingress & condensing water
  Technology Obsolescence
  Reliability, redundancy & flexibility
  Dragged & dropped objects - Fishing activity
  Corrosion/erosion
  Marine environmental influences - temperature, internal
  water motions, marine growth.

14.15  Tea/Coffee

14.30  Inspection, Repair and Maintenance
  Presented by: Bill Russell-Cargill, DOF Subsea
  The need for IRM and how it is carried out, exploring:
  Diver intervention; ROV & Survey Capabilities; IRM
  Vessels;
  Inspection and survey systems; Integrity management:
  Planning, Timing, Permits & Isolations; Platform liaison;
  Procedure development; Case study examples

15.30  Advanced Systems
  Presented by: Jian-Paul Nuzzo GE Oil & Gas
  Production modelling & Operator Simulators
  Subsea Separation
  Subsea Compression
  Direct Seawater injection

16.30  Certification & Course Conclusion

Presenting Companies Include: SUT reserves the right to change/amend the programme as it sees fit.

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Registration Information – Operating Subsea Oil & Gas Production Systems  (Aug 2013)

Should you require further information on this event, please contact Jennifer Maninin on j.maninin@sut.org
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  $363.64 + GST = $400
Non Members  $409.09 + GST = $450
Fee includes - All refreshments, handout notes of the presentations & CD containing PDF versions of the presentations

Preferred Payment Methods:
Credit Card:  Mastercard, Visa, or AMEX* only. We cannot accept payment by any other card.
* Please note if paying by AMEX  there will be a 2.75% surcharge.
Cheque:  Australian Dollar only, made payable to The Society for Underwater Technology
Send to, SUT, 5/5 Hasler Road, Osborne Park, Perth, WA 6017
Please make sure you reserve a place by e-mail or fax before sending payment.

Joining Instructions:
Joining instructions will be e-mailed to the registered delegate (as shown on the registration form). All details of presenters and updates to the programme will be included in the 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 to and from the Ibis Hotel.

Registration Form

Please e-mail details to Perthevents@sut.org or fax the completed form to +61 8 9446.9905

Please tick to indicate your preferred payment method:  SUT Member No._____________________

Credit Card ____________  (Visa or MasterCard or AMEX*)  Cheque ________  Invoice (PO No.) ______________

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