Wednesday Programme:

08.30  Registration
09.00  SUT Introduction
09.10  Introduction & Overview
       Peter Wademan, Woodside Energy Ltd.
09.30  Mapping the Indian Ocean – Phase 1 of the search
       for MH370
       Hayes Ballantyne, Fugro Survey Pty Ltd.
10.00  Morning tea
10.15  Geodesy & Positioning Principles
       Don Abbey, Woodside Energy Ltd.
       * Datums & Coordinate Systems
       * Coordinate Conversions
       * MSL, Geoids & Mean Sea Surface Models
11.15  Surface Positioning
       Phil Wells, Neptune Geomatics.
       * History of Surface Positioning
       * US, Russian, Europe & Chinese satellite systems
       * Impacts of phones, watches and automated technology
       * The future
12.15  Lunch
13.15  Vessel Dynamics
       Capt. Phil Griffin, London Offshore Consultants
       * Centre of Gravity
       * Stability
       * Pressure Point
       * Turning of Vessels
       * Squat
       * Magnetic Compass
       * Gyro Compass
       * Attitude Sensors
       * Attitude Sensor Calibration
       * Inertial Navigation Sensor
14.15  Tides and Currents
       Scott Noreika, RPS Metocean
       * Tide Measurement
       * Current Profiling
       * Sound Velocity Profiling
       * Prediction
       * Temp Salinity
       * Solitons
15.15  Afternoon tea
15.30  Positioning Technology
       Matthew Carver, UTEC Survey
       * Ultra Short Base Line
       * Long Base Line
       * Metrology
       * ROV
       * INS
16.45  Course day end
17.30  Course dinner

Thursday Programme:

09.00  Case Studies
       Phil Wells, Neptune Geomatics
       * Pluto Development
       * Equus Deepwater Pipeline Route
10.00  Bathymetry
       Giovanni De Vita, DOF Subsea
       * Single Beam Echo Sounder
       * Multi Beam Echo Sounder
       * Side Scan Sonar
10.45  Morning tea
11.00  Survey Data Processing
       Martin Watson, Fugro Survey Pty Ltd.
       * Interpolation
       * Data Modeling - Gridding and Thinning and Countouring
       * Subsea Data Modelling
11.45  Geophysics
       Fiona Fitzpatrick, RPS Australia Asia Pacific
       * Reflection
       * Refraction
       * Resistivity & Magnetometer
       * Geotechnical Correlation
12.45  Lunch
13.45  Remote Sensing Technologies
       Glenn Morrison, AAM Group
       * Earth Observation: Laser scanners & Satellites & Airborne Photogrammetry
       * RADAR, LIDAR & Hyperspectral
       * New systems and Application examples
14.30  Improving coastal navigation using multi sensor technology
       Kate Downes, Fugro Survey Pty Ltd.
       * Survey Equipment
       * Land Survey Techniques
       * Logistical Challenges
       * Tides
       * Coverage Achieved
       * Reporting
15.30  Certification and Course Conclusion

Course programme is subject to change.

Thank you to our presenting companies:
Registration Information

Should you require further information on this course, or to register, please contact Patricia Slapp on p.slapp@sut.org or Tel +61 8 9481 0999.

Registration Fees

| SUT Members Early Bird (register and pay before 17th January) | $904.54 + GST = $995.00 |
| SUT Members (registration from 18th January) | $1,122.72 + GST = $1,235.00 |
| Non Members Early Bird (register and pay before 17th January) | $1,072.72 + GST = $1,180.00 |
| Non Members (registration from 18th January) | $1,336.36 + GST = $1,470.00 |
| SUT Student Member | $363.63 + GST = $400  - limited places available |

Fee includes - All refreshments including dinner on the first night and an electronic copy of the available presentations and videos are provided.

Not included - Hard copy presentations are not provided. Should these be required there is an additional fee of $85.

Handbook of Offshore Surveying (3 volumes)
These are available to purchase from the SkillTrade website bookstore in the Netherlands - www.skilltrade.nl

Preferred Payment Methods:

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

* Payment by Visa or MasterCard will carry a 1.5% surcharge / AMEX will carry a 2.75% surcharge.

Invoice: Please tick here to be invoiced

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. Please bring along a laptop to view the presentations.

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

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

Cancellations: Refunds will be made on written cancellation received up to ten working days prior to the event, but will be subject to a 15% administration charge. Cancellations received 9—4 working days prior to the event will be charged a 50% cancellation fee. Cancellations received 3—0 working days prior to the event will not be refunded. Delegates may wish to nominate a substitute in their place at no charge.

CPD Hours: CPD hours can be claimed for this course, please keep flyer and receipt for auditing purposes.

Please tick box if you do not wish to receive further SUT information

Registration Form

Please e-mail completed form to p.slapp@sut.org

Please tick to indicate your preferred payment method:

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