Tuesday 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
        Scott Miller, Fugro Survey Pty Ltd.
10.00  Morning tea
10.15  Geodesy & Positioning Principles
        Don Abbey, Woodside Energy Ltd.
* Coordinate Reference Systems
* Coordinate Systems
* Coordinate Uncertainty
* Coordinate Transformations
* Geoids and Mean Sea
* Horizontal Datums
* Vertical Datums
* Coordinate Conversions
11.15  Surface Positioning
        Ken Eddy, Fugro Survey Pty. Ltd.
* History of Surface Positioning
* Radiowaves
* GPS principles
* GPS Error Sources
* DGPS Positioning (Code Phase/Carrier Phase)
12.15  Lunch
13.15  Vessel Dynamics
        Capt. Phil Griffin, London Offshore Consultants
* Centre of Gravity
* Stability
* Pressure Point
* Turning of Vessels
* Squat
14.15  Tides and Currents
        Scott Noreika, RPS Metocean
* Tide Measurement
* Current Profiling
* Sound Velocity Profiling
15.15  Afternoon tea
15.30  Positioning Technology
        Noel Cowley, Neptune Geomatics
* Ultra Short Base Line
* Long Base Line
* Metrology
* Prediction
* Temp Salinity
* Solitons
16.45  Course day end
17.30  Course dinner

Wednesday Programme:

09.00  Case Studies
        Phil Wells, Neptune Geomatics
* Pluto Development
* Equus Deepwater Pipeline Route
10.00  Bathymetry
        Anthony Kerr, DOF Subsea
* Single Beam Echo Sounder
* Multi Beam Echo Sounder
* ROV
* 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
11.45  Geophysics
        Fiona Fitzpatrick, RPS Australia Asia Pacific
* Reflection
* Refraction
* Resistivity & Magnetometer
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  The Search for MH370
        Mark Sweeney, Fugro Survey Pty Ltd.
* Search area
* Logistics
* The Deep Tow system
15.30  Certification and Course Conclusion

Course programme is subject to change.

Thank you to our presenting companies:
Registration Information

Registration Fees
SUT Members Early Bird (register and pay before 7th March) $858.18 + GST = $940.00
SUT Members (registration after 7th March) $1,072.73 + GST = $1,180.00
Non Members Early Bird (register and pay before 7th March) $1,018.18 + GST = $1,120.00
Non Members (registration after 7th March) $1,127.23 + GST = $1,400.00

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.

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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 perthevents@sut.org

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