IADC DRILLING HSE&T
Asia Pacific 2014
CONFERENCE & EXHIBITION

Engaging people in a challenging environment

2-3 April 2014
Marina Bay Sands Expo & Convention Center, Singapore

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Wednesday, 2 April 2014

7:00 Conference Registration, Coffee Service & Open Exhibition
Sponsored by: Ensign International Energy Services
Melati Ballroom 4001-4101

8:30 Opening & Welcoming Remarks
Mike DuBose, Vice President – International Development – Europe & Asia, IADC
Orchid Ballroom 4201-4303

8:35 Keynote Presentation
Datuk George Ling, Global Drilling Head, PETRONAS Carigali Sdn Bhd.

9:00 Safety
Session Chair: Jennifer May Guidry, Sr. Director Corporate QHSE & Management System, Hercules Offshore

Stop Work Authority – The Last Barrier John Karish, Director – Safety, Health & Environment, Ensco plc
Ensco’s Stop Work Authority (SWA) process and the training program developed and implemented to aid its people in exercising SWA in their daily activities is described.

Pre-Emptive Well Control Risk Management Andy Cuthbert, Manager, John Walters, Boots&Boodles a Halliburton Service
An explanation is given why a pre-emptive approach to well control is essential and, by the use of workflows, illustrate the elements of the emergency response plan that include risk analysis, well control contingency plans, relief well planning and an example of the sequence of events to expect. There will be recommendations as to the type of information and the detail required by the well control specialists prior to an event.

10:00 Networking Break & Open Exhibition
Sponsored by: Ensign International Energy Services

10:30 Panel Process Safety
Moderator: Alain Moonen, Manager Wells Safety, Shell Integrated Gas
As the drilling industry continues to work toward its goal of zero incidents, process safety has become an increasingly important consideration within companies’ overall HSE strategies. Alongside the more traditional programs and policies already in place to safeguard personal safety, organizations are taking steps to formalize frameworks to prevent major incidents that could threaten our license to operate. This session will provide different perspectives on the programs under way to ensure well integrity, to create a strong culture that supports process safety, and ultimately to keep our people and our equipment safe.

- Derek Mackenzie, GM Wells (CWI) Discipline IG, Shell
- Teg Matthews, Director, Asia Pacific, BST
- Mike Scott, Global Operational Integrity Manager, Transocean

12:00 Luncheon & Open Exhibition
Orchid Ballroom 4204-4306

13:30 HSE Management
Session Chair: Bill Ceppi, Director – Marketing and Contracts, Asia-Pacific, Noble Corporation

Achieving Operational Excellence – Introducing Progressive Leading Indicators Mei-Li Lin, Senior Director – Operational Excellence Solutions, Joe Stough, IHS
Recently, there have been more and more discussions about predictive analytics. In many ways, predictive analytics offer a promising approach to help organizations focus their efforts and investments. This paper sheds lights on the facts and fictions of predictive analytics. It examines over 700 million work hours and more than 18,000 incidents, including loss incidents and near-misses from the oil and gas industry, and offers breakthrough insights on the concept of progressive leading indicators.

HSE Benefits from Properly Designed Drilling Fluid Processing System Erling Ekrene, Product Technical Manager, National Oilwell Varco
Several areas and benefits of a properly designed drilling fluid management system are addressed. The benefits include reduction of generated mud waste, reduced pit cleaning, reduced fluid cost, and a cleaner and safer work environment.

Developing a Culture of Safety Champions: The Road To HSE Excellence Derek Hibbard, Global Safety & Risk Manager, Weatherford International
In 2013, Weatherford launched an internally developed behavior-based safety program, HSE Excellence. This program is designed to drive cultural awareness and improvements in employee’s safety attitudes and behaviors. HSE Excellence provides the framework to develop a network of HSE Champions throughout our organization and to educate them with the strategies and skills necessary to lead cultural change. This presentation will provide an overview of the strategies used to launch this program, the key players in driving and sustaining a Safety Always culture and some creative tactics used to promote program engagement.
Utilising Key Performance Indicators for Environmental Performance
Maurice Meehan, Head of Environment and Climate Change, Maersk Drilling

Identifying KPI’s that add bottom and top line value can be difficult. Following from lessons learned in the shipping industry we identify KPI’s that can provide a focus internally and in collaboration with clients support them in achieving their environmental targets.

Networking Break & Open Exhibition
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Implementing a Red Zone Management Policy at Worksites
Josephine Song, Performance Improvement Well Engineer, Shell Integrated Gas Wells

In our industry, DROPS have always been a key focus area for personal safety. A large number of dropped object incidents in the industry have occurred on the drill floor in Red and No Go Zones. The statistics have not improved so far. An action was needed to stress the importance on Red and No-Go zones in Shell to maintain our vision of a Goal Zero workplace. A Red Zone policy was rolled out across Integrated Gas in October 2013 to bring consistency by having a minimum standard. As a result, many contractors needed to make improvements to current procedures and best practices were introduced such as “zone warden.”

Maintenance Integrity for Dropped Object Prevention
Imran Amir, Senior HSE Adviser (Well Engineering), Brunei Shell Petroleum Company Sdn. Bhd.

Dropped objects in drilling, completions & well intervention operations expose the workforce to significant risks. Equipment failure because of lack of preventative maintenance can contribute up to 50% of the dropped object incidents on the drilling rigs. The industry is evolving from break down to preventative maintenance to avoid heavy piece of metal falling from our derricks on our drill floor in Red and No-Go Zones. The statistics have not improved so far. An action was needed to stress the importance on Red and No-Go zones in Shell to maintain our vision of a Goal Zero workplace. A Red Zone policy was rolled out across Integrated Gas in October 2013 to bring consistency by having a minimum standard. As a result, many contractors needed to make improvements to current procedures and best practices were introduced such as “zone warden.”

Dropped Objects – Raising and Applying the Standards
Alistair Tong, Principle Specialist, Aberdeen Drilling Consultants

The industry has worked hard to eradicate static dropped objects. Statistics reiterate that dropped objects are still an industry problem. Dynamic dropped objects account for up to 80% of dropped objects and incident circumstances are often repeated. Simple surveys alone are not eliminating a most serious risk to life. This presentation will derive the benefits & methodology of ensuring that various elements are in place and effective throughout any management system.

Welcoming Reception & Open Exhibition

THURSDAY, 3 APRIL 2014

Conference Registration, Coffee Service & Open Exhibition
Sponsored by: Ensign International Energy Services
Melati Ballroom 4001-4104

Opening & Welcoming Remarks
Chit Hlaing, Assistant Regional Director – Asia Pacific, IADC
Orchid Ballroom 4201-4303

If Your Team is Fighting a War on Error, Take the Marines With You!
Dan “Geezer” Gilkey, Director, Technical Sales and Marketing, Transocean

The lessons learned in military combat and aviation have a tremendous amount to offer to oil and gas, both in Human Factors training, and regulatory overcompensation. We have entered an era that will change the industry forever. Some safety practitioners feel that by piling on more policies and procedures into the organization, the organization will fix the people. Unfortunately, human error is inevitable and it is personal. The only way to manage change a culture is through a systematic method of crosschecks, mutual support, and leadership.
Team-Based Well Control Training Utilizing Innovative Simulator

Captain Tomny M. Moeller, Operations Manager, Maersk Training, Søren Risgaard Jeppesen, Senior Director, QMHSE, Maersk Drilling

Why did Maersk Drilling decide to invest in a state of the art simulator complex at the Maersk Training facility in Svendborg, Denmark and what are the advantages of team based well control training as opposed to conventional well control training.

Team-Based Well Control Training

Session Chair: Graham G. Buchan, Business Development Manager Cementing Services, Halliburton Far East Pte Ltd

Team-Based Well Control Training

A special thanks to the following committee members for their support in organizing the conference:

- Kurt Bailey, Pat Energy
- Wayne Bauer, RPS Australia Asia Pacific
- Geoff Blackwell, NOV
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- Ben Lawrance, Diamond Offshore
- Jennifer May Guidry, Hercules Offshore
- Tony McCormack, Jasper Offshore
- Mike Merritt, Transocean
- Joachim van der Meulen, Lloyd's Register Energy – Drilling
- Alain Moonen, Shell
- Andrew Scarry, Triumph Drilling
- Sindhu Tjahyadi, Total
- Paul Breaux, IADC
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HOTEL INFORMATION

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For reservations please use the link provided on the conference website or fax the attached hotel reservation form directly to the hotel.

Room rates:
Atrium Deluxe Single Room, SGD 380.00++ inclusive of breakfast.
Atrium Deluxe Double Room, SGD 410.00++ inclusive of breakfast.
The IADC room block will expire 28 February 2014.

ONLINE REGISTRATION IS AVAILABLE AT:
www.iadc.org/conferences/Asia_Pacific_HSET_2014

EXHIBITORS

Be sure to visit the conference exhibitors. These companies will have representatives available to answer questions and provide information.

- Aberdeen Drilling Consultants
- Aberdeen Drilling School International
- ABS Group
- ALERT
-ASEON AS
- Check-6
- Derrick Services (UK) PTE Ltd
- Drilling Systems (UK) Ltd
- DROPSAFE
- Durasafe Pte Ltd
- EHS Insight
- Equilibria Services Limited
- HexArmor
- In Place Medicine
- K2 Specialist Services PTE Ltd
- Lloyd's Register Energy – Drilling
- Maersk Training
- Marex Marine and Risk Consultancy
- Petrofac Training Services
- Reliant Oilfield Products Pte Ltd
- Stopdrop Tooling Ltd
- Stuart Wright Pte Ltd
- The REACH Group

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- Chit Hlaing, IADC
- Joe Hurt, IADC
- Derek Morrow, IADC

14:30

Team-Based Well Control Training
Session Chair: Graham G. Buchan, Business Development Manager Cementing Services, Halliburton Far East Pte Ltd

15:00

Networking Break & Open Exhibition
Sponsored by: Ensign International Energy Services

15:30

Panel Health
Moderator: John Karish, Director – Safety, Health & Environment, Ensoco plc

The challenge for leaders today is to create an organizational culture that promotes a high-performing workforce in a high-performance workplace. The personnel deployed in such a demanding working environment must be medically and functionally fit for duty to reduce – if not prevent – sudden illness-type condition and occupational incidents. Enlightened employers are developing Health programs for a strong guaranty for the improvement and preservation of peoples’ wellbeing, welfare, and quality of life, on work sites and in their respective homes and families. These panelists will examine some of the health issues relevant to the Asia Pacific region.

- Dr. Francois Pelat, Director of Medical Services, Transocean
- Dr. Frano Mika, Overseas Health Manager, Saipem S.p.A.

17:00

Adjournment

Unassigned Paper of Note: The following paper proposals will be included in the conference if a scheduled paper becomes unavailable. In addition, these presentations will be made available in the IADC conference proceedings, should the author so desire.

A New Paradigm for Serious-Event Prevention: Rethinking Safety in the Oil and Gas Industry
Teg Matthews, Director, Asia Pacific, BST

A new framework for eliminating serious events and fatalities in the oil and gas industry will be introduced. We will examine the concept of precursor events and present a comprehensive approach for leading oil and gas producers to zero serious injuries and fatalities.

Health Process Solution – The Missing Link to Reducing Human Error
Oscar Boultinghouse, Senior Vice President, NuPhysicia

NuPhysicia has developed a program which helps to aid in good mental and physical health by creating a human process. The program shows how maintaining health and wellness is not only good for the employee but also reduces last time and incidents. Implementing a corporate program to encourage employees to “know your numbers” results in healthier employees who have better decision making skills; especially when working in extreme environments.