



Offshore Technology Asia

OTA 2013

November 28-29, 2013 **YANGON, MYANMAR**

THE **KEY** HIGHLIGHTS:

1. Myanmar's Foreign Investment Policy Review
2. Myanmar's Offshore Oil and Gas Exploration Blocks Auction
3. Myanmar Offshore Opportunities Overview & Outlook
4. LNG Project Developments in Myanmar
5. Case Study & Sharing Experiences
6. Subsea Technology, OSV, FPSO & FLNG Market
7. Drilling&Well Management, New Chemicals, Flow Assurance & HSE

Exploring
MYANMAR's
Offshore

E&P Opportunities

Part of **OTA Series** Eminent Speakers:

 Antonio Vella, EVP Operations, ENI E&P	 Markus Droll, Vice President, Technology, Shell	 A J Duggal, Country Manager, Vietnam, ONGC Videsh	 Gde. Pradnyana, Head of Public Relations, Security and Formality BPMIGAS	 Guohua Zhang, Senior Vice President, CNOOC	 Peter Koopmans, SVP, Global Exploration & New Ventures, Hess E&P
 Mohd Johari Dasri, VP Production, Malaysia, PETRONAS	 James Menzies, MD & CEO, Salamander Energy PLC	 GAO Zhikai, Former Senior Vice President, CNOOC	 Kevin Robinson, Country Manager, Newfield Malaysia	 Herman Agustiawan, Council Member National Energy Council (DEN), Indonesia	 Sean Middleton, Project Manager, Premier Oil
 Pham Tien Dung, President & CEO, PV Drilling	 Jürgen Hendrich, MD & CEO, MEO Australia Limited	 Joshua Kalinoe, CEO & MD, Petromin PNG Holdings, Papua New Guinea	 Cu Minh Hoang, GM Exploration Division, PVEP	 Baris Sitorus, VP Project Management, BPMIGAS	 Siri Jirapongphan, Executive Director, Petroleum Institute of Thailand
 Jin Xiaojian, President, E&C Department, CNOOC	 Giovanni Chiesa, VP Deepwater Technologies, Saipem	 Ron Morris, President, Roc Oil (Bohai) Company	 James Fortnum, Responsible Person for Asia Pacific, BP Upstream	 Rabi Bastia, VP, Exploration & Production, Reliance Industries	 Apt Sharad Tyagi, ASST. VP, Reliance Industries
 Nguyen Manh Huyen, GM Vietnam, krisenergy	 Nicolas Cambefort, VP, Total E&P Indonesia	 Peter Grant, GM, International Ventures, Woodside	 Mateus da Costa, Director, Autoridade Nacional do Petroleo	 Per Aae Staunstrup, Head of Engineering, Maersk Oil	 Benjamin Gedge, S E Asia BD Manager, Weatherford

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Welocme To The Offshore Technology Asia 2013

"This industry leading event will explore the key issues that facing the asia operators and practitioners. Do not miss this opportunity to meet hundreds of qualified prospects expected at OTA Myanmar."

OTA Vietnam

OTA Malaysia

OTA China

OTA Indonesia

OTA India

OTA Myanmar

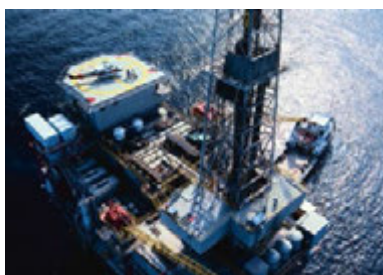
OTA Singapore

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We are pleased to announce the launch of Offshore Technology Asia 2013 will be held on November 28-29, 2013 in Yangon, Myanmar, with the theme "Exploring Myanmar's Offshore E&P Opportunities". This year's high-profile event will bring together 450+ distinguished participants from global offshore industry including regulators, IOCs, NOCs, oilfield services companies, drilling contractors, engineering consulting, equipment & technical solution providers, investment banks & funds and legal firms, etc. On behalf of the Organizing Committee, we would like to invite you on behalf of your company to join us this time.

Myanmar, an energy rich country, benefits from large, apparently proven, reserves of oil and natural gas – the U.S. Energy Information Administration estimates its proven oil and gas reserves as 50 million barrels of oil and 10 trillion cubic feet of gas. The Myanmar Ministry of Energy (MOE), on behalf of the Myanmar Government, announced an invitation for sealed bids for the Myanmar Offshore Blocks First Bidding Round on 11 April 2013 as the country pushes to attract foreign investment and expertise to help overcome an energy deficit that's a legacy of gas export deals made by its former military rulers. The round offers offshore blocks for Petroleum Operations to be conducted on a Production Sharing basis. A total of 30 offshore areas are offered, 11 Shallow Water Blocks and 19 Deep Water Blocks.

OTA 2013 will bring together all the technology solutions for a wide range of topics such as drilling, FPSO Management, Flow Assurance, 4D Seismic, Flexible Riser System, Floating LNG, Mooring System, Spar Installation, Flexible Pipe, Multiphase Pumping, Carbon Capture etc. OTA is recognized as the leading forum addressing technical issues related to exploration, development, and production of oil and gas in Offshore E&P around the world. As our industry confronts new challenges, the sharing of Offshore experiences will play a critical role in improving the quality, safety, and economics of future endeavors.



Agenda at a Glance

November 28, 2013

Thursday

Industry Breakfast - Exploring Myanmar's Offshore Oil & Gas Potentials

Myanmar Offshore Opportunities Overview & Outlook

Networking Luncheon

Discover the Developments in E&P Projects in Myanmar's Oil & Gas Sector
Concurrent One-on-One Meetings

Cocktail Networking

OTA Industry Award Ceremony

November 29, 2013

Friday

Forum A: Latest LNG Project Developments in Myanmar

Forum B: Drilling & Well Management

Networking Luncheon

Forum A: A OPERATION OF SUBSEA PROCESSING

Forum B: New Chemicals, Flow Assurance & HSE

Concurrent One-on-One Meetings

Closing Ceremony

Exhibition: Featuring a Group of Leading Technology Providers

Advisory Board

U Than Tun, Deputy Director, Offshore Exploration, Myanmar Oil & Gas Enterprise, Ministry of Energy

U Soe Aung, Director General, Energy Planning Department, Ministry of Energy, Myanmar

Gagan Singhal, General Manager, Myanmar, Schulmberger

Kanita Sartwattayu, Development and Planning Manager, PTTEP

Christopher J. Schenk, U.S. Geological Survey

Alexis Faury, Associate Director–Oil and Gas, Standard Chartered

U Soe Myint, President, Myanmar Geosciences Society / Former Director General, EPD, Ministry of Energy

Yunji Xu, LNG Origination, Portfolio Trading at Shell Eastern Trading LNG

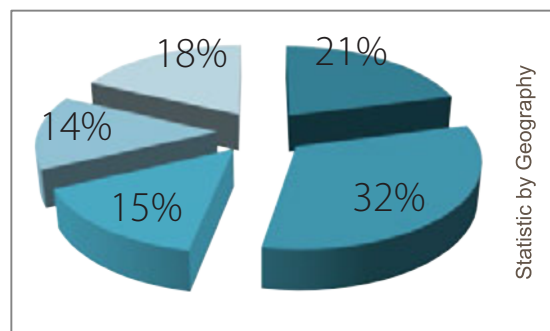
Vladimir Piven, Senior manager, Professor at University Technology Petronas



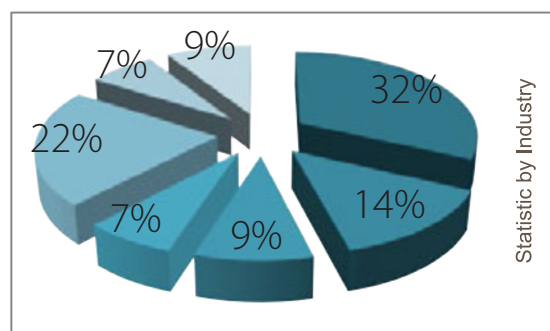
OFFSHORE TECHNOLOGY ASIA
TECHNOLOGY-MARKETING-PLANNING

Key States and Facts

Past Participants Breakdown:



Statistic by Geography



Statistic by Industry

WHAT YOU WILL GET AT OTA 2013?

- ✓ Network With Over 400 Leading Company Attendees
- ✓ One-to-One Prescheduled Meeting!
- ✓ Benefit From the Expertise of 40+ Industry Leaders
- ✓ Limited Speaking Slots
- ✓ Prior Notification of Attendees
- ✓ Great Opportunity in Asia Pacific

400+

Professional Attendees

40+

Senior Speakers

In 1 Event

Technical, Policy, Business...

2 Days

Conference + Exhibition

SEE YOUR PEERS SAID:



"I very much appreciated having been invited to participate in this very well organized conference. The welcome & organization were very good. Program looks very interesting & Impressive."

Richard Ward, President of Asia Pacific, Baker Hughes

"The organizer has built this wonderful platform for international & domestic experts to share their industrial views and discuss constructive ideas to offshore industry development."

Peter Koopmans, Senior Quality Assurance Advisor, Global Drilling and Completions, Hess E&P

"The conference was well organized. The subject matters are appropriate."

Kim, Hack-Eun, Senior Manager, R&D Part/New Business Team, Korea Gas Technology Corporation

"Great coverage of the expanding domestic and international market and good selection of topics."

Baris Sitorus, VP Project Management, BPMIGAS

Sponsorship Overview

Sponsorship opportunities offer a great way to raise your international and regional profile. We can tailor a unique sponsorship package that meets your marketing objectives.

- ◆ Put Your Chief Executive on a Platform with Your High-profile Vision
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Sponsorship Package	Number Available
Diamond Sponsor	Exclusive
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Panelist	5
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Luxury Booth	2

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Cocktail Sponsor	Exclusive
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Delegate Bag Sponsor	Exclusive
Lanyard Sponsor	Exclusive
Insertion Sponsor	7

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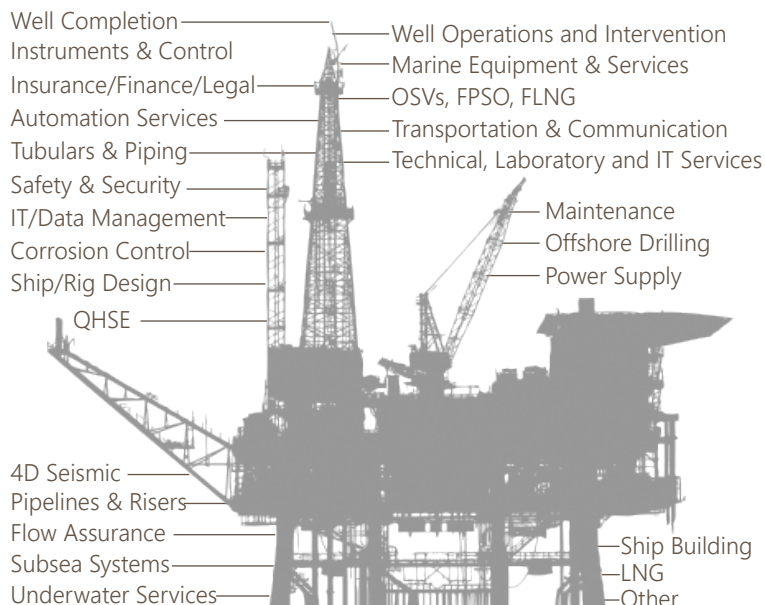
OTA 2013

Exhibitor Information

A Influential and Significant Boutique Exhibition

November 28-29, 2013 **YANGON, MYANMAR**

Offshore Technology Asia Exhibition 2013, affiliated to Offshore Technology Asia 2013, serves as Asia's most influential and significant Offshore E&P value chain exhibition. Focus on the theme "Climbing to the Splendid Offshore Industry Peak" and aiming to realize "Gathering elegance, offering top service and achieving offshore dream", the exhibition is expected to showcase the top product and service from oil companies and offshore solution providers. Along with Offshore Technology 2013, the exhibition will provide an unparalleled platform for offshore service providers to have a good knowledge of market trend as well as enjoy close.



Why You Exhibit at OTA 2013?

- ✓ Official Support from Top Offshore Oil & Gas Associations
- ✓ Asia's Most Influential and Significant Offshore Event
- ✓ Direct Access to an International Gathering of C-level Decision Makers
- ✓ Make New Business Contacts and Network
- ✓ Introduce New Products and Services
- ✓ Meet with Existing Customers
- ✓ Test the Market
- ✓ Keep Up-to-Date and Ahead of Competitors
- ✓ Increasing Company and Brand Awareness
- ✓ Reinforce Commitment to the Marketplace
- ✓ Meet Distributors or Potential Agents
- ✓ Exchange Information
- ✓ Obtain Market Feedback
- ✓ Sell Directly



Offshore Technology Asia 2013 is where the offshore community meets to find the strategic & technical solutions required to keep up with an accelerating technology race, and understand the demands of a changing industry committed to ensuring security of supply in an increasingly complex world.

Many Thanks to Our Past Distinguished Exhibitors

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|---------------------------|------------------------------|----------------------------------|-------------------------------|
| ● Eni E&P | ● Subsea 7 | ● Chevron | ● Kreuz Subsea |
| ● Petronas | ● Technip | ● Mitsui Oil&Gas | ● Keppel FELS |
| ● Petimina | ● Aker solution | ● Halliburton | ● Honeywell Process Solutions |
| ● Roc Oil | ● Sonardyne | ● Cameron | ● Fluor |
| ● BP | ● Genting Oil & Gas Limited | ● Wartsila China | ● Ulstein Group |
| ● ONGC | ● C-Mar Asia | ● Marine Aluminium | ● Samsung Heavy Industries |
| ● BPmigas | ● Hallin Marine | ● Fairstar | ● Siemens |
| ● Devon Energy | ● SpecTec | ● LOC Group | ● Framo Engineering |
| ● PTTEP | ● Bourbon Offshore | ● Thrustmaster of Texa | ● Liebherr |
| ● Reliance | ● Air Energi Group | ● SBSS | ● Teekay |
| ● Woodside | ● Canyon Offshore | ● Scana Offshore | ● Dockwise |
| ● Newfield | ● Inchcape Shipping Services | ● GVA Consultants AB | ● Cashman |
| ● Total E&P | ● KONGSBERG | ● V&M Tubes | ● NOV |
| ● McDermott International | ● Bourbon | ● Welltec | ● DNV |
| ● Saipem | ● Hallin Marine | ● Pinsent Masons | ● GL |
| ● Wetherford | ● Maersk | ● OPR Pipeline and Riser Sdn Bhd | ● Bureau Veritas |
| ● Vanoord Offshore | ● ABB Marine | ● Atwood Oceanics | ● CCS |
| ● Transocean | ● Wilhelmsen Ship Management | ● 2H Offshore | ● Farstad Shipping |
| ● First Subsea | ● Sevan Drilling | ● Inpex | ● Petrotechnics |
| ● ThyssenKrupp Tubes | ● Expro | ● Japan Drilling | ● Eurocopter China |
| ● Dyna-Mac | ● Serimax | ● Nippon oil exploration | ● Pakers Plus |



November 28th, Conference Day One



OTA 2013

0800 Industry Breakfast-Exploring Myanmar's Offshore Oil & Gas Potentials

Proceedings in this topical breakfast will not be published and media is not allowed to attend this session. This format is set to facilitate the open and frank exchange of ideas, experiences and lessons learned from Myanmar offshore operation and practices

Host by **Myanmar Oil & Gas Enterprise, Ministry of Energy**

0830 Registration and Morning Tea

0850 Chairman's Opening Address

Myanmar Offshore Opportunities Overview & Outlook

0900 Exploring Myanmar's Offshore Oil & Gas Potentials



U Than Tun, Deputy Director, Offshore Exploration,
Myanmar Oil & Gas Enterprise, Ministry of Energy

0930 Regional Policy Review and Updates on Offshore E&P Industry



U Soe Aung, Director General, Energy Planning Department,
Ministry of Energy, Myanmar

1000 Deepwater E&P Opportunities in Myanmar

U Aung Htoo, Managing Director,
Myanmar Oil and Gas Enterprise Ministry of Energy, Myanmar (Invited)

1030 Morning Refreshment & Networking



1100 Oil & Gas E&P Developments in Myanmar: Opportunities & Challenges

TBA

1130 Policy Updates for Foreign Investors in Myanmar Oil & Gas

U Tin Ko Win, Director,
Directorate of Investment and Company Administration (DICA) (Invited)

1200 Unconverging the Route to Successful Operation in the Region: Challenges and Opportunities

Panel Discussion

U Than Tun, Deputy Director, Offshore Exploration, Myanmar Oil & Gas Enterprise, Ministry of Energy
U Soe Aung, Director General, Energy Planning Department, Ministry of Energy, Myanmar
U Aung Htoo, Managing Director, Myanmar Oil and Gas Enterprise, Ministry of Energy, Myanmar
U Tin Ko Win, Director, Directorate of Investment and Company Administration (DICA)
Gagan Singhal, General Manager, Myanmar, Schulmberger
Kanita Sartwattayu, Development and Planning Manager, PTTEP

1230 Networking Luncheon





OTA 2013

November 28th, Conference Day One

Discover the Developments in E&P Projects in Myanmar's Oil & Gas Sector

1400 Unexplored Hydrocarbon Potentials in Offshore Myanmar



Christopher J. Schenk,
U.S. Geological Survey

1430 Emerging Exploration Opportunities and Lessons Learnt in Surrounding Countries

TBA

1500 What Are the Next Steps for the Sustainable Development of Myanmar's Oil&Gas Industry?



Namita Shah, General Manager,
Total E&P Myanmar

1530 Afternoon Refreshment & Networking



1600 Ensuring Sustainable and Equitable Development in the Oil & Gas Sector



Alexis Faury, Associate Director–Oil and Gas,
Standard Chartered

1630 Oil & Gas Investment Potential in Myanmar & Future Developments



U Soe Myint, President, **Myanmar Geosciences Society** /
Former Director General, EPD, **Ministry of Energy**

1700 Placing Myanmar on the Global Map: Socially Responsible, Sustainable and Resilience Driving Upstream Operations

U Nay Htun, Former Assistant-Secretary General,
United Nations Development Program (UNDP) and United Nations Environment Program (UNEP)

1730 Capitalise on Myanmar's Deepwater Oil & Gas Potential through Advanced Technology & Equipment

Gagan Singhal, General Manager, Myanmar,
Schulmberger

1800 Chairman's Remarks & End of Day One Conference

1830 Cocktail Party

Cocktails





Forum A: Latest LNG Project Developments in Myanmar

0900 Understanding the Current Developments, Outlook and Impact of LNG around the Globe
Ari Adji, Director Of Technical & Operation, PT Nusantara Regas



0930 Uncovering the Potential of LNG in Myanmar
Yunji Xu, LNG Origination, Portfolio Trading, Shell Eastern Trading LNG



1000 Overcoming Project Challenges in order to Prove Commercial Viability for LNG in Myanmar
TBA

1030 Morning Refreshment & Networking



1100 Uncovering the Growth Opportunities and Market Drivers for LNG as an Alternative Fuel in Myanmar
TBA

1130 Comparing Safety, Reliability, and Environmental Challenges of LNG Plants
Vladimir Piven, Senior manager, Professor, University Technology Petronas



1200 Expanding on Aspects of the LNG Supply Chain-Accessing New Markets for Growth Potential
Can Toydemir, Technical Support Manager, Ipragaz



1230 Networking Luncheon



Forum A: Operation of Subsea Processing

1400 Subsea Layout for Tie-Back Developmentsa Conceptual Discussions
TBA

1430 Design and optimization of Top Tensioned Riser for deepwater
TBA

1500 Deepwater Pipeline Integrity Assessment
Rosli Hamzah, Head, Deepwater Development, PETRONAS



1530 Afternoon Refreshment & Networking



1600 Field Development Planning of Subsea Tie-backs
Giovanni Chiesa, Vice President Subsea Field Developments, Saipem



1630 Subsea technology development: Implications to Myanmar Offshore E&P
TBA

1700 Advances in Flexible Pipe Technology
David Newman, Integrity Technical Authority, Apache Pipeline Competent Person, Flexlife

1730 Umbilicals-Experience & Challenges, Tie-Back Installations
Mr. Bjorn Bjornstad, Sales Manager Offshore, Nexans



1800 Chairman Remarks& Conference Closure

Forum B: Drilling&Well Management

0900 Deepwater drilling opportunities in Myanmar
TBA

0930 Innovative Solutions in Executing Deepwater Drilling & Operating Deepwater Rigs
TBA

1000 Rigless Well Operations and Intervention-is it Myth or Reality?
John Payne, Chief Executive Officer (Interim), Hallin Marine



1030 Morning Refreshment & Networking



1100 Ultra Deep Water Drilling Rigs, Design Basics
Harald Frigstad, Chairman, Frigstad Engineering (Singapore) Pte Ltd

1130 Conquer the Deep--Deepwater Spar Design and Application in Asia
Hallvard Hasselknippe, Subsea Division COO, Technip



1200 Advances in Tender Assist Drilling Rigs for Shallow and Deepwater Production Models
Lyle Ewashen, VP Marketing, Energy Drilling



1230 Networking Luncheon



Forum B: New Chemicals, Flow Assurance & HSE

1400 Pioneering Flow Assurance Management in Challenging Projects
Anne Courbot, Field Operations Manager, Total



1430 Design of Deepwater Tower Riser for Vietnam Offshore Application
TBA

1500 Twaron & Technora: The ideal Steel Replacement Materials for Deepwater
TBA

1530 Afternoon Refreshment & Networking



1600 4D Seismic Technology, a Valid and Valuable Reservoir Management Tool
Sami Khan, Vice President, Technical Marketing, Asia-Pacific Region, CGGVeritas



1630 Efficiencies of Open Hole Multi-Stage Systems for Offshore Completions
Mark Rivenbark, Director, Eastern Hemisphere, Packers Plus

1700 Challenges in Welding High-Strength Steels and High-Strength Corrosion-Resistant Alloys
Kurush Contractor, CEO, Kreuz Subsea



1730 The Evolution of Flow Assurance: Performance Optimization Conventional Approaches and the Limits
Hans Schwing, Vice President- SE Asia New Ventures, Murphy Oil

1800 Chairman Remarks& Conference Closure