

MCE DEEPWATER DEVELOPMENT 2015

.....
*Increasing Value through
Industry Collaboration*
.....

24-26 MARCH, 2015
ExCeL • LONDON
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SHOW PROGRAM

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Welcome

WELCOME TO MCE DEEPWATER DEVELOPMENT 2015!

We would like to sincerely thank you for attending MCE Deepwater Development 2015. While times may be uncertain, I believe that those attending this year's event represent those eager to voice their concerns and discuss solutions. Our industry will survive and, eventually, thrive once again. I look forward, over the next three days, to learning what we are accomplishing so that we can be ready for whatever challenges may lie ahead.

The winds of the entire industry have changed. Many of the things we have discussed the industry "shouldn't do", "we" are now doing. It's unfortunate, but we must be prepared to put the situation into context. Those of us who have weathered previous storms should be prepared to guide those of us who have not.

The one thing that concerns me the most, and something we have worked to envelope at MCEDD, is the "next generation". The advent of social media means that the vanishing opportunities for University graduates has spread worldwide. We must find ways to mitigate this risk, the same way we do all risks.

When this year's theme, "*Increasing Value through Industry Collaboration*" was created, the industry was in a more upbeat mood. However, this theme holds even stronger during the current cycle of industry-wide challenge. Oil companies, engineering companies and supply chain members will need to collaborate and rely on innovative solutions to maintain the economic viability of the difficult resources we target. This year's technical program brings together some of the strongest and most committed companies in the deepwater space to discuss how working together, focusing on enabling technologies and learning from our experiences will continue to empower us to move beyond current hurdles and realize our future potential.

I trust that the next three days will be productive for all. We will meet the challenges that lie ahead and be stronger for it.

John Chadderdon
CEO
Quest Offshore Resources

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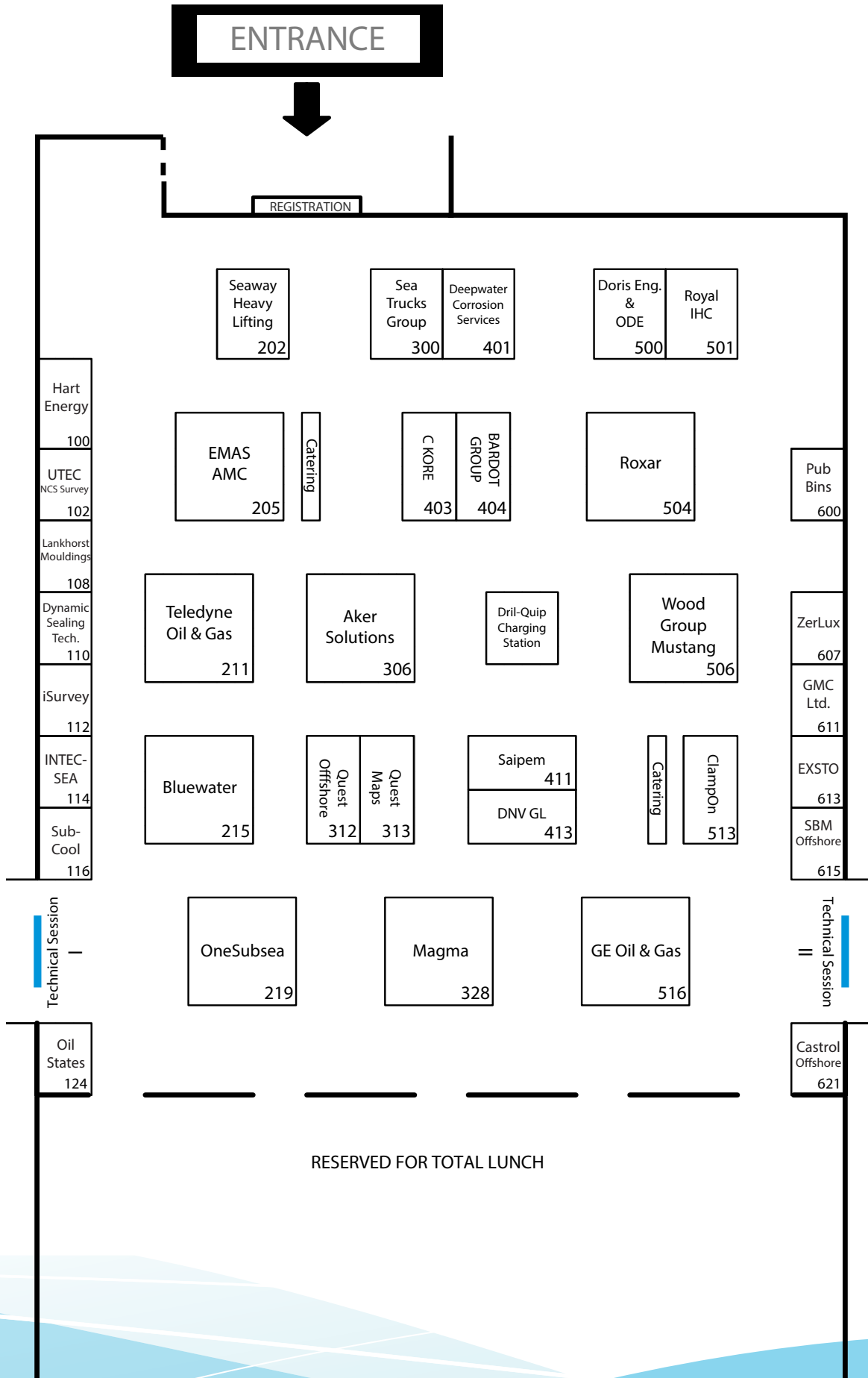


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Agenda

	Track I	Track II
Tuesday, 24 March 2015		
08:00 - 19:00	Registration & Badge Pick-Up	
10:00 - 12:00	Keynote Session: Driving Value through Collaboration	
12:00	Exhibition Hall Opens	
12:00 - 13:30	Lunch followed by Dessert & Coffee (Exhibition Hall) Sponsored by 	
13:30 - 15:00	Floating Production System Technologies	Deepwater Installations
15:00 - 16:00	Coffee Break (Exhibition Hall) Sponsored by 	
16:00 - 17:30	Deepwater Flow Assurance	Deepwater Drilling, Well Safety and Control
17:30 - 19:00	Ice Breaker Reception (Exhibition Hall)	
Wednesday, 25 March 2015		
08:00 - 19:30	Registration & Badge Pick-Up	
08:00 - 09:00	Continental Breakfast (Exhibition Hall)	
09:00 - 10:30	Keynote Session: Engaging the Supply Chain Early	
10:30 - 11:15	Coffee Break (Exhibition Hall) Sponsored by 	
11:15 - 12:45	Project Life Extension & Support	Best Practices and Collaboration in Marine Contracting
12:45 - 14:00	Lunch followed by Dessert & Coffee (Exhibition Hall) Sponsored by 	
14:00 - 15:30	Pipeline & Risers	Subsea Production Umbilical Technologies
15:30 - 16:15	Coffee Break (Exhibition Hall) Sponsored by 	
16:15 - 17:45	New Technology: Design, Qualification and Application	Subsea Enablers
17:45 - 19:30	Evening Reception (Exhibition Hall) Sponsored by 	
Thursday, 26 March 2015		
08:00 - 16:00	Registration & Badge Pick-Up	
08:00 - 09:00	Continental Breakfast (Exhibition Hall)	
09:00 - 10:30	Subsea Processing	
10:30 - 11:15	Coffee Break (Exhibition Hall) Sponsored by 	
11:15 - 12:45	Joint Industry Projects - Moving the Industry Forward	Optimizing Deepwater Developments - An Engineering Perspective
12:45 - 14:00	Lunch followed by Dessert & Coffee (Exhibition Hall) Sponsored by 	
14:00	Exhibition Hall Closes for Dismantle	
14:00 - 15:30	Deepwater Market Outlook	
15:30 - 16:00	Awards & Closing Remarks	

Exhibition Floor Plan



Exhibitor Directory

Arranged Alphabetically

Aker Solutions	306
BARDOT Group	404
Bluewater	215
C KORE	403
Castrol Offshore	621
ClampOn	512
Deepwater Corrosion Services, Inc.	401
DNV GL	413
DORIS Engineering	500
Dynamic Sealing Technologies	110
EMAS AMC	205
EXSTO	613
GE Oil & Gas	516
GMC Limited	611
HartEnergy	100
IHC (Royal IHC)	501
INTECSEA	114
iSurvey	112
Lankhorst Mouldings	108
Magma	328
ODE	500
Oil States	124
OneSubsea	219
Quest Offshore	312
Quest Maps	313
Roxar – A Division of Emerson	504
Saipem	411
SBM Offshore	615
Sea Trucks Group	300
Seaway Heavy Lifting	202
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Teledyne Oil & Gas	211
UTEC – NCS Survey (an Acteon Company) ..	102
Wood Group Mustang	506
ZerLux	607

Arranged by Booth Number

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GMC Limited	611
EXSTO	613
SBM Offshore	615
Castrol Offshore	621

Technical Program

Tuesday, 24 March, 2015

08:00 - 19:00 Registration & Badge Pick-Up

10:00 - 12:00 **Welcome & Opening Session**

Keynote Session - Driving Value through Collaboration

Chair: David Bloom, Subsea 7

- Mr. Paul Hillegeist, President, Quest Offshore Resources
- Ryan Malone, Director of the BP Global Subsea Hardware, BP, *"The standardization of subsea hardware, across deepwater operators and suppliers, remains an elusive target in industry."*
- Louis Bon, Managing Director Ichthys LNG Project, INPEX, *"Safety, Collaboration and Ingenuity: successfully delivering the Ichthys mega-project as one team"*
- Roald Sirevaag, Vice President Subsea Technology and Diving, Statoil, *"Formation of a standing Subsea committee in OGP (Oil and Gas Producers Association) and the prioritized support/work areas for the committee"*
- Anders Husby, Head of Department, Well, Subsea and Risers, DNV GL, *"Driving value through Subsea Standardization"*

12:00 Exhibition Hall Opens

12:00 - 13:30 Lunch followed by Dessert (Exhibition Hall) Sponsored by 

13:30 - 15:00 **Early Afternoon Session**

Track One: Floating Production System Technologies

Chair: Christopher M. Barton, Wood Group Mustang

Co-Chair: René M. Raaijmakers, Royal IHC Offshore



- Guy Drori, Naval Architect & Floating Systems Engineer, BP Exploration Operating Company Ltd, *"Underlying causes of mooring line failures"* (ECE)
- Charles Essien, BSWA Project, FPSO Delivery Manager, Shell Nigeria, *"BSWA Field Development Project - Lessons from FPSO FEED"*
- David Hua, Director of Engineering, ABS Group, *"Strategy to Facilitate U.S. Regulatory Approval for Offshore Asset Life Extension"*


Track Two: Deepwater Installations

Chair: Jan Gramnaes, EMAS AMC

Co-Chair: Philippe Perreau, GEP-AFTP



- Emmanuel Fontaine, Specialist Engineer, Subsea 7, *"Modularity of PLET and ILT design for easy offshore installation and pipelay"*
- Erik van der Woude, Product Manager, IHC Hytop, *"Deep Water Installation with Fibre Rope; technical and market perspective"*
- Yang Zhang, Engineer, EMAS AMC, *"Vessel dynamic stability during deep water PLET installation – a case study"* (ECE)

15:00 - 16:00 Coffee Break (Exhibition Hall) Sponsored by 

16:00 - 17:30 **Late Afternoon Session**

Track One: Deepwater Flow Assurance

Chair: Eric Hansen, Saipem

Co-Chair: Koen van der Perk, Seaway Heavy Lifting

- Dr. Alexander Quayle, Technology Development Specialist, BP; Babajide Adejuyigbe, BP and John Lievois, Weatherford, *"Development of Weatherford's Red Eye near infrared metering technology"*
- Julien Rolland, Ph.D., Flow Assurance Engineer, Total, *"Offshore thermal testing of an Electrically Trace Heated Pipe-in-Pipe"*
- Øyvind Iversen, Engineering Manager DEH, Nexans Norway, *"Direct Electric Heating (DEH) – moving technology boundaries"*
- Arnaud D'Escienne, Head of Department - Subsea Equipment, DORIS Engineering, *"Slug-induced fatigue analysis in riser base spools"*

Track Two: Deepwater Drilling, Well Safety and Control

- Pieter van Asten, Sr. Concepts Manager - Innovation, Lloyds Register Energy – Drilling, *"BOP Risk Model"*
- Dr. Simon Tseytlin, Chief Scientist, Dr. of Science, and David Tseytlin, Tseytlin Consulting, *"The Method of Killing an Uncontrolled Oil-Gas Fountain Appearing after an Explosion of an Offshore Oil Platform"*
- Hamish Stewart, Senior Sales Manager, FMC Technologies, Schilling Robotics, *"Remotely Operated Vehicle Fluid Intervention, API 53 and Beyond – Flexibility of Fluid Movement"*

17:30 - 19:00 **Ice Breaker Reception** (Exhibition Hall)

Wednesday, 25 March, 2015

08:00 - 19:30 Registration & Badge Pick-Up
08:00 - 09:00 Continental Breakfast (Exhibition Hall)
09:00 - 10:30 **Early Morning Session**

Session Rooms

Track I Room

Track II Room

Keynote Session: Engaging the Supply Chain Early

Chair: David Bloom, Subsea 7

Co-Chair: David Brookes, BP

- Martijn Dekker, VP Appraisal and Hydrocarbon Maturation, Shell, "Management of Deepwater Developments in the Front-End"
- Ronald Doherty, Manager Field Developments, Intecsea Consulting, "Why adding value does not necessarily mean cost reduction"
- Peter Godfrey, Managing Director, ODE Ltd and François Thiébaud, V.P. Operations, DORIS Engineering, "How contracting strategies can help reduce project costs"

10:30 - 11:15 Coffee Break (Exhibition Hall) Sponsored By  Seaway Heavy Lifting

11:15 - 12:45 **Late Morning Session**

Track One: Project Life Extension & Support

Chair: Richard D'Souza, Granherne (KBR)

Co-Chair: Stephane Montbarbon, SBM Offshore

- David Saul, Reliability and Technology Lead, BP Global Subsea Hardware, BP GSH, "The increasing challenges of Obsolescence Management to the subsea oil and gas industry"
- Pascal Carrier, Project Director, Total, "Total's approach on typical examples of the support on existing assets and their further developments."
- Nathan Free, Senior Project Manager, GE, and Moataz Dawood, Subsea Facilities Manager BG Tanzania, BG Group, "Field Deployment Experience for Subsea HIPPS modules - a Project Case Study"
- Thomas McCudden, Global Sales Manager – NASNet®, Nautronix, "Advantages and cost saving for Life of Field positioning system in ultra deep water projects"

Track Two: Best Practices and Collaboration in Marine Contracting

Chair: Aart Ligterink, Imodco

Co-Chair: Koen van der Perk, Seaway Heavy Lifting

- Leon Harland, Executive Vice President Commercial, Heerema Marine Contractors, "A contractor view on cooperation with the offshore industry"
- Gordon Wilkinson, Business Development Manager, Jumbo Offshore USA, "Improving Safety and Efficiency in Deepwater Developments"

12:45 - 14:00 Lunch followed by Dessert & Coffee (Exhibition Hall) Sponsored By  TOTAL

14:00 - 15:30 **Early Afternoon Session**

Track One: Pipelines and Risers

Chair: Carl-Petter Halvorsen, Innospection

Co-Chair: Garry Millard, Flexlife

- Eric Wilson, Sales Manager, DeepFlex Inc., "Hybrid Flexible riser system for Ultra-deep water application"
- Jason Payne, Senior Project Manager - Technology Group, Wood Group Kenny, "New Design Guidelines for Slug Loading and Response in Pipelines and Risers"
- Martin Connelly, Technical Manager, Tata Steel UK Ltd., "Manufacture of High t/D Reelable UOE Linepipe"

Track Two: Subsea Production Umbilical Technologies

Chair: Jan van den Akker, OneSubsea

Co-Chair: David Brookes, BP


- James Young, Director of Engineering, JDR Cable Systems, Ltd., "Umbilical Manufacturer's Perspective on the challenges of deep water operations"
- Neil Douglas, Managing Director, Viper Subsea Technology Ltd, "V-LIFE: A means of rejuvenating failing umbilicals and subsea electrical distribution systems"
- Steven Frazer, Umbilical R&D Lead Engineer, Technip, "Ultradeep Water Umbilicals – Challenges and Technology Solutions"
- Lars Mehus, Chief Engineer, Umbilicals, Aker Solutions, "Challenges of Power Umbilical applications in deep waters"

15:30 - 16:15 Coffee Break (Exhibition Hall) Sponsored By  Seaway Heavy Lifting

Track One: New Technology - Design, Qualification and Application

Chair: Philippe Gerlach, Total

Co-Chair: Vibor Paravic, GMC LTD

- Smarty Mathew John, Senior Engineer - Offshore & Subsea Risk & Reliability Applications, ABS Group, "Qualifying new technologies for deepwater operation"
- Joe Scattergood, Subsea Project Engineer, Global Subsea Hardware, BP, "Use of deterministic and consequence based reliability techniques to drive subsea design"
-  •François Lirola, Riser Engineer, Saipem, "Fusion Bonded Joint: An innovative technology for cost efficient plastic-lined pipe installation and operation – Qualification Campaign" (ECE)
- Upul Fernando, Principal Engineer-Technology, GE Oil & Gas, "Challenges and Solutions in Developing Ultra-high Pressure Flexibles for Ultra Deepwater Depth Applications"

Track Two: Subsea Enablers

Chair: Jan van den Akker, OneSubsea

Co-Chair: Ronald van Son, IHC Offshore & Marine B.V.

- Dr. Jim Kaculi, Vice President of Engineering, Dril-Quip Inc., "Structural and Fatigue Performance of HPHT Subsea Drilling and Production Systems"
- Christina Johansen, Technology Director, Europe, FMC Technologies, "Embracing complexity, how new technology can help keep subsea costs down"
- Einar Winther-Larsen, R&D Manager, Aker Solutions Corporate Technology Organisation – All Electric Systems, Aker Solutions, "All-electric building blocks for subsea new projects and brownfield applications"
- Chris Williamson, BEL Valves and David Saul, BP, "BEL Valves' Development of the 900bar, 10" bore, HIPPS subsea valve for the BP Shah Deniz 2 Project" - Co-authored by BP

Evening Reception (Exhibition Hall) Hosted By

**Thursday, 26 March, 2015**

Registration & Badge Pick-Up

Continental Breakfast (Exhibition Hall)

Early Morning Session**Subsea Processing**

Chair: Eric Hansen, Saipem

Co-Chair: David Brookes, BP

- Pierre Pedenaud, Water Treatment Specialist, Total, "SPRINGS: Subsea Seawater Treatment - Results of Deep Offshore Tests"
- Fredrik Moen, Business Development Manager, Aker Solutions, "Subsea multiphase pumping – an enabling technology for deepwater developments"
- Arne B. Olsen, Sales Director, Pumps & Subsea Processing, OneSubsea, "20 years of Subsea Boosting Technology development- Pushing the boundaries for deepwater & long distance tie-backs"

Coffee Break (Exhibition Hall) Sponsored By

**Late Morning Session****Track One: Joint Industry Projects - Moving the Industry Forward**

Chair: Jens Madsen, Maersk Drilling

Co-Chair: David Bloom, Subsea 7

- John Allen, Strategic Business Advisor, Worley parsons INTECSEA, "Subsea Processing-Mapping the way forward"
- Stewart Duthie, Manager - Flexible Pipe Technology, Flexlife Limited, "Findings of the Remnant (Flexible Risers) Life JIP"
- Patrick O'Brien, Chief Executive, The Industry Technology Facilitator, "Collaborative Mechanisms and Activities to Progress Industry Required Technology Development"
- Svein Erik Gregerson, Manager, Subsea Flow Metering, Emerson Process Management, "The Importance of Water Detection in Risk-Based Flow Assurance Strategies: Examples from Egypt and Indonesia"

Track Two: **Optimizing Deepwater Developments - An Engineering Perspective**


Chair: Richard D'Souza, Granherne (KBR)

Co-Chair: Philippe Gerlach, Total

- Christopher Barton, Sr. VP, Global Offshore Business Development, Wood Group Mustang, "Wood Group Mustang - Our GoM Projects and Experience – Delivering Best Practices for Other Regions"
- Robert Eichenlaub, Technical Advisor, Subsea, Granherne, "Evaluation of Dry Tree and Wet Tree Systems for Deepwater Development"
- Abid Ashraf, Project Manager, GMC Limited, "Reducing Project Cost by expanding construction fleet capability"
- Hassan Saleh, Senior Riser Engineer, 2H Offshore Engineering, "The benefits of composite materials in deepwater riser applications" (ECE)



12:45 - 14:00

Lunch followed by Dessert & Coffee (Exhibition Hall) Sponsored by 

14:00 - 15:30

Closing Session

Deepwater Market Outlook

Moderator: Vibor Paravic, GMC LTD

- James West, Evercore ISI
- Dan Boyd, BMO Capital Markets

15:30 - 16:00

Closing Remarks and Awards

- Presentation of Speaker Awards - Quest Offshore
- Presentation of Early Career Engineer Awards - BP & SUT



This year marks the sixth annual Early Career Engineer (ECE) program for MCE Deepwater Development. The ECE Program began in Amsterdam with the support of BP, as a high-profile platform for the industry's new engineers to share the technologies, projects and ideas they are working on with the decision makers among the deepwater industry. The program has grown since 2010 and this year's ECE participants represent international oil companies, major manufacturers and key members of the supply chain. We welcome all conference delegates to attend the technical program and listen to what these talented engineers have to share; we also want thank BP for their ongoing sponsorship as well as the SUT for their strong support of this growing program.



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Advisory Board & Session Chairs

Chairmen Emeritus



Frans Pieter Lindeboom, Category Manager Offshore Rigs (*Advisory Board Member for 5+ Years*)
Repsol Exploration SA

Currently Repsol Exploration P&C global well construction coordinator, main responsibility in supporting global drilling projects in contracting of drilling rigs and drilling equipment and services.

Previously sales and business development roles at Royal Vopak/ Univar and Supply Chain Management Consulting.

MSc Chemical Engineering and Refining Engineering at IFP-school in Paris.



David A. Brookes, Senior Consultant Subsea and Floating Systems (*Advisory Board Member for 10+ Years*)
BP E&P Sunbury UK

David Brookes has over 45 years Industry Experience with over 30 years in Offshore Oil and Gas. He started with Esso UK in Refining, after spells in Pipelines and equipment he spent 8 years in international mining engineering...

He joined BP in 1980 and spent time on Subsea and Multiphase Pipelines and Chemical Plants. Since 1990 he has been in Subsea and Floating Systems Engineering Inc Subsea Project Manager for the Foinaven Development WoS and since 1998 in a variety of Senior

Leadership roles in Technical and Discipline Engineering in the Central Engineering functions.

In 2006 he became BP's first Chief Engineer for Subsea and Floating Systems and is currently a Senior Advisor.

He is a Chartered Mechanical Engineer, Past President and Honourary Fellow of the SUT.

He was Chairman of the DOT Conference in New Orleans and Co-Chair of the OTC Brazil in 201. He has a number of Industry awards inc Subsea UK 2009 Engineer of the Year Award and SUT Presidents award in 2013.

Advisory Board



Jan Van Den Akker, Product Manager Controls Systems
OneSubsea

Jan van den Akker is Control Systems Product Manager for OneSubsea™, responsible for identifying technology drivers, and new products and services for use in Production Control Systems.

Prior to the 2013 formation of OneSubsea, Jan had over 20 years of experience within the Oil & Gas Industry. Since joining Cameron in 1990, Jan has been involved in many subsea, surface and drilling projects across the globe. His previous positions include Product

Engineer, Project Engineer, Sales Engineer, Project Manager, Manager of Projects and more recently Project Director on a project delivering the world's first all-electric tree system on the TOTAL KSF Project in the Dutch Sector of the North Sea.

Jan earned his Master of Science degree in Mechanical Engineering from the Delft University of Technology.



Bob Allwood, Chief Executive
SUT

Dr Bob Allwood graduated from the University of Reading, UK, with a 1st class honours degree in physics and obtained his PhD from Heriot-Watt University, Edinburgh. After working in the field of physics research for some five years at Heriot-Watt University and in industry, he then turned his attention to the problems of working in the underwater environment. Over the coming years he was to work the University's Department of Electrical and Electronic Engineering on ROV development and then as Manager of Engineering in the University's Institute of Offshore Engineering. He moved to Cranfield University in 1986 as Senior Lecturer in Underwater Technology and undertook research aimed at the improvement of underwater vision. Whilst there, he also developed and presented Masters programmes for the underwater and subsea sectors. As an academic he worked closely with the Society for Underwater Technology, serving on a number of their technical committees and also their Council. He was elected a Fellow of the Society in 1994.

Bob was appointed Chief Executive of the Society for Underwater Technology in December 2009 and was awarded Subsea UK's Lifetime Achievement Award in February 2010.



Christopher M. Barton, Senior Vice President – Global Offshore Business Development (*Speaker*)
Wood Group Mustang, Inc. (*Advisory Board Member for 5+ Years*)

Christopher M. Barton is currently Sr. Vice President – Global Offshore Business Development, for Wood Group Mustang, based in Houston where he has responsibility for global business development for WGM's Offshore Business Unit. Chris has over 35 years experience in the upstream oil and gas industry and has also held senior roles with KBR, FloaTEC, Technip, McDermott, ABB and PennWell. Since commencing his career as a Field Engineer with McDermott in Singapore in 1980, Chris has worked in a wide range of roles encompassing Operations, Projects and Business Development in the Americas, Asia Pacific and Middle East. Areas of expertise include executive management, marketing and sales, business development, engineering and project management, construction site supervision, offshore operations, and field development work. Experience covers all aspects of the upstream industry, including business-to-business publishing, and developing and managing industry events.



David Bloom, Corporate Business Development Director (*Advisory Board Member for 10+ Years*)
Subsea 7

David joined the Offshore Industry in 1975 as Financial Controller with Oceaneering. He progressed to be Financial Director of their UK Company in 1980, before Managing their North Sea Business in 1982. David had various roles during his 20 years with Oceaneering. From General Manager of the Southern North Sea and West Africa before taking over Business Development responsibility for the same regions. He left in 1995 to Join Jay Ray McDermott as Business development Manager for UK/Europe when they formed McDermott Subsea. In 1998

he joined the Brown Root Organisation as Business Development Manager, responsible for Rockwater, and Brown and Root projects in the North Sea. David has been involved in the growth of Subsea 7 through the integrations of Rockwater and Subsea Offshore: the JV with DSND and lastly the Acergy, Subsea 7 merger. David now holds the position as Corporate Business Development Director responsible for key Company accounts. David brings a great deal of Contractor Subsea knowledge to the industry after his 40 years service.



**Marc Bonandrini, Vice President - Global Offshore Business Development
CB&I**

Marc has 20yrs experience in the upstream oil and gas sector during which time he has held Management and Executive level roles with; GE Oil and Gas, Subsea 7, McDermott and CB&I. During his career Marc has lived in the US, Middle East and the UK, in addition to leading commercial teams in most oil and gas territories. Marc relocated to London in 2013 to lead CB&I's sales team for Offshore Facilities and Onshore Pipelines.



**Michel Bonte, Vice President Business Development (Advisory Board Member for 10+ Years)
Bluewater Energy Services**

Mr. Bonte, is Vice President of Business Development with Bluewater Energy Services. Mr. Bonte held management positions with the Heerema Group, Seaway Heavy Lifting and the Glenmore Group prior to joining Bluewater in 1996. He holds a bachelor's degree in Civil Engineering and an MBA. He has over 30 years of experience in the offshore industry.



**Richard D'Souza, Vice President – Granherne Global Operations
KBR**

Richard has an undergraduate degree in Naval Architecture from the Indian Institute of Technology and graduate degrees in Naval Architecture and Civil/Structural Engineering from the University of Michigan and Tulane University. He joined KBR in 1999 as Vice President of Deepwater Technology and organically built a deepwater engineering group to support execution of EPC projects worldwide. He became Director of Granherne Americas in 2004 and Vice President Granherne Global operations in 2009. Granherne is the global consulting arm of KBR and the premier provider of field development planning, process, safety, marine, subsea flow assurance and integrity management services.



**Laurent Decoret, Vice President Subsea Technologies Development
Technip**

Laurent Decoret is a french engineer graduated from Ecole Centrale de Lyon with over 20 years experience in the oil and gas subsea industry. He joined Coflexip in 1994 in Aberdeen, Scotland, as a flexible pipe design engineer, then became the flexible design manager before heading the engineering department of what had by then became Technip UK. During that period he has been involved in many North Sea subsea projects. In 2007, he returned to Paris to coordinate the engineering of the Total E&P Angola Pazflor SURF project, one of the largest subsea contract to be undertaken by Technip at that time, from the tendering phase up to the final offshore installation campaign in 2011. He currently holds the position of Vice President Subsea Technology Development, based in Technip Innovation & Technology Center beside Paris, in charge of coordinating the subsea R&D effort.



**Xavier DeSouza, Vice President - Europe & Eurasia - Global Business Development Upstream
Foster Wheeler**

No Photo



**Philippe Gerlach, Deputy Vice President for Technologies (Advisory Board Member for 5+ Years)
Total**

Philippe Gerlach is graduated from the National Polytechnic Institute of Grenoble. He joined TOTAL E&P in 1981. He held various positions in France, Norway, Abu Dhabi, Cameroon, Indonesia in the fields of process & project engineering, commissioning, start-up, production operation, and field development engineering. In 1998 he was responsible of fields development for the Asia-Pacific area. He became in charge of Safety General Inspection for TOTAL Group in 2002. In 2004 he was appointed Technical Director for TOTAL Angola and then in 2005 took the lead of TOTAL E&P process department. Since 2010, he is holding the position of Deputy Vice President for Technologies of TOTAL E&P.



**Tom Frijns, Vice President Innovation
Heerema Marine Contractors**

No Photo



**Iain Grainger, Vice President Commercial
McDermott International**

Iain Grainger has over 30 years experience in the offshore oil and gas industry. Iain started his career as an offshore construction engineer in the North Sea and progressed through offshore project management before moving into international business development and commercial leadership roles. He is now responsible for Strategy, Business Development and Sales and Marketing for McDermott's Subsea business segment.

Iain holds a Bachelor of Science degree in Civil Engineering from Heriot-Watt University, UK and a Masters in Business Administration from Warwick University, UK. Iain is a Chartered Engineer and a Member of the Institute of Marine Engineers (MIMarE).

**Jan Harald Gramnæs, Senior Specialist Engineer** *(Advisory Board Member for 10+ Years)***EMAS AMC**

Jan Harald Gramnæs graduated in Naval Architecture/Marine Technology at the Norwegian University of Science and Technology, and has more than 40 years of experience in the offshore oil and gas industry. He held various positions within Aker Engineering AS and Aker Solutions

AS as Project Engineer and Department Manager in the area for design and engineering of MODUs and FPSs. He also worked on several topside transportation and installation projects. In 1995, he moved to Aker Marine Contractors (AMC) Europe region, as Vice President for engineering. Since 2011, he has been with the subsea construction and offshore installation company EMAS AMC as Sr. Specialist Engineer, working on several development and SURF projects. He is married, has two grown up children and two grandchildren.

**Tor Arne Gunnerød, Senior Advisor/Manager** *(Advisory Board Member for 5+ Years)***Statoil**

Tor Arne Gunnerød has a strong background within offshore gas and oil production gained during various field developments and projects, including operation of subsea- and topside facilities.

Present position in Statoil: Manager Field Concept Centre (Early phase).

He attended RDH which was later named the University of Stavanger from 1977 – 1981.

**Carl-Petter Halvorsen, Business Development Director** *(Advisory Board Member for 5+ Years)***Innospection**

Carl-Petter Halvorsen has more than 30 years of experience in the subsea part of the Oil & Gas business, all related to the engineering, design, procurement and installation of rigid pipe, flexible pipe and subsea construction work. He started off with Ugland Offshore, which later became DSND, and later became Subsea7. He left them in 1998 and joined

Wellstream as General Manager for their Norwegian office.

Moved to Newcastle for Wellstream in 2001 as their Business Development Director and stayed until a management buy took place in 2004.

Then started working through his own company Consultare Ltd, support business in UK and Norway to grow their business, among others PSI –now TDWilliamson, Marine Subsea Group, Stats Group and others

6 years ago he was one of the founders of flexlife Ltd. based in Aberdeen, flexlife Ltd. was growing to 75 people, he left flexlife Ltd. spring 2011.

He is also now involved in M&A and corporate finance opportunities as an independent working with Simmons International Ltd, especially towards the Norwegian market.

Now also supporting Innospection Ltd Director - Business Development, on the international inspection arena.

He lives in Aberdeen.

**Eric Hansen, Commercial Manager Africa** *(Advisory Board Member for 10+ Years)***Saipem Offshore Business Unit**

Eric Hansen graduated in Mechanical Engineering with Ecole Centrale de Nantes in France and in Petroleum Economics with the French Institute of Petroleum (IFP). He has more than 30 years of experience in the Oil and Gas industry.

Eric Hansen started his career as Field Engineer and R&D Manager for pipeline services companies, mainly in the Middle East, before he joined Coflexip (now Technip) as Project Manager in 1989.

In 1992, he joined ETPM as Project Manager in the North Sea before moving to Sales and Marketing, in charge of Nigeria and later of the whole of Africa.

In 2000, when ETPM was integrated within Stolt Offshore (renamed Acergy now merged with Subsea7), Eric was promoted Commercial Director for the Africa, the Mediterranean Sea and the Caspian Region with overall responsibility for Marketing, Tendering and Sales.

Eric Hansen joined SAIPEM in 2006 as Business Development Manager for the South Atlantic Region, with a special focus on deepwater projects and subsea processing developments.

In 2010-2011, Eric Hansen was Commercial Manager with Saipem America in Houston, followed by a 2 year assignment in Singapore as Commercial Manager Offshore for South East Asia & China.

Eric is now Commercial Manager Africa for Saipem Offshore BU and is based in Brussels.

**Phillip M. Howe, Group Subsea Engineering Manager****Tullow Oil**

Mr. Howe has over twenty five years' experience in subsea systems and pipelines with a particular interest in subsea production systems and technology development. He has held senior engineering consultancy and management posts with subsea system suppliers, engineering consultancies, installation contractors and super-major/independent exploration and production companies. His experience covers all aspects of the offshore/subsea project life cycle from feasibility, conceptual and FEED through to execution, operation and decommissioning.

Mr. Howe currently holds the post of Group Subsea Engineering Manager at Tullow Oil in London and in addition to his corporate role has lead teams in support of major deepwater development projects including Jubilee and TEN (Tweneboa, Enyenra and Ntomme) in the capacity of Subsea Project Manager.

**Frits Janmaat, Commercial Director** *(Advisory Board Member for 5+ Years)***Allseas Group SA**

Frits is Vice President Commercial and Strategy for Allseas Group SA based out of Châtel-Saint-Denis in Switzerland.

Frits has served in the Oil and Gas industry since 1975 and has held positions ranging from project engineering, project management, marketing and sales, business development and executive management in the offshore construction segment of the business.

He has held engineering and management positions in Leiden and Delft, the Netherlands, London, UK and Houston, USA. Customers include all Majors, all Independents and a majority of the National Oil and Gas companies.

Frits has previously served on the Advisory Committee of Marine Construction Europe and has been president of the International Marine contractors Association (IMCA) in 2005 and 2006.



Elen Gaard Johansen, Staff Project Engineer
RWE Dea Norway

Elen has a Master of Science in Marine Technology from the Norwegian University of Technology and Science. She has also studied television production. She started her working career in 2004 as a Management Trainee in Aker Solutions Well Services, Stavanger, Norway. After the trainee program she continued in Aker Solutions Subsea, Oslo, Norway, mainly working with tenders. Until autumn 2011 she worked as a Tender Manager in the Tie-In and Structures Department of Aker Solutions Subsea. In September 2011 she started in the RWE Dea Norway's new established department for Field Development where she is working with RWE Dea Norway's operated licenses in the North Sea.



Aart Ligterink, Sales Director Terminals
Imodco

Aart started his career in the oil and gas industry in 1980 with Heerema and thus has over thirty (30) years experience. As a Foundation Engineer he worked on many platform installations worldwide. Consequently, he was involved in the development of, amongst others, hydraulic piling hammers and pile lifting tools in the 80's. Since 1994, Aart Ligterink worked as Manager Business Acquisition Department for Seaway Heavy Lifting (SHL). He then progressed to be Business Development Director of SHL in 2013. He has since joined IMODCO as Sales Director Terminals. Imodco is the trusted partner of choice for mooring technology worldwide and builds upon the prestigious SBM Offshore technology, which has been instrumental in pioneering and perfecting terminal solutions. Imodco's technology relies on an accumulative experience of 87 years in the supply of CALM buoys worldwide.



Jon Machin, Business Development Director
UTEC Geomarine Ltd.

Jon Machin has 28 years experience in oilfield engineering and technology and has worked extensively in the deepwater sector. He has held senior management positions in the technical and commercial departments within major organisations Fugro, Technip and Schlumberger. A co-founder of UTEC Geomarine (now part of Acteon Group), Mr Machin has recently specialised in robotic tooling and sensor development in the subsea geosciences domain. Mr Machin holds a degree in Engineering Science from the University of Oxford.



Jens J. Madsen, Director Business Development *(Advisory Board Member for 5+ Years)*
Maersk Drilling

Jens J. Madsen is a naval architect, and has worked in various drilling contractor positions. He has been responsible for the expansion of Maersk Drilling into the Caspian Sea and into the deepwater market. Currently he is Director of Business Development involved in defining the next generation Arctic rigs.



Lars Mangal, Chief Commercial Officer & SVP Russia, CIS, UK, EU
Welltec A/S

Responsible for Welltec's global commercial activities.

Joined Welltec in 2010 and brings with him extensive international oilfield services experience, following 20 years of working for the largest oilfield service firm Schlumberger Ltd. Lars has managed multiple major business units in Schlumberger Ltd including establishing new businesses in the subsea domain, most recently he was global Vice President of Well Stimulation Services for Schlumberger. He provides Welltec with highly relevant new business and market experience. Lars studied in Edinburgh, Scotland and graduated with an Honors degree in Engineering.



Gavin Mann, Underwater Superintendent
CNR International



Brian McBride, Global Asset Manager
FMC Technologies

Brian McBride is currently a Global Asset Manager for FMC Technologies based in Dunfermline Scotland, where he has global responsibility for business and relationship associated with a Global Frame Agreement with an International Oil Company. Brian has over 30 years experience in the upstream oil and gas industry and has also held positions in Subsea Offshore Installation, After Market Manager, and Project Manager leading to Project Sales, Sales Managers roles in the Caspian Sea, UK, Canada and Europe.

His current role as a Global Asset Manager is leading a Global Team who is executing projects in multiple FMC locations around the world and the challenges associated with implementing Global standards and processes within different Regions and cultures whilst executing quality projects on time and within budget.



Garry Millard, Director – UK Business Unit
Flexlife

Garry Millard is the Director responsible for Flexlife's UK Business Unit and in addition has group responsibility for contracts, business development, marketing and sales, HSEQ and Offshore personnel allocation. Garry has worked in the Oil and Gas Industry for over 35 years and was originally an Engineer; he has a MBA from Robert Gordon University in Aberdeen and for the last 17 years has worked in senior project management, commercial, business development and director roles for the likes of Stolt Offshore, Saipem, DOF Subsea and the Sparrows Group. Garry has significant subsea construction, installation, and inspection, repair and maintenance experience. Garry is a past Chairman of the Pipeline Industry Guild (Aberdeen branch) and a current Aberdeen branch committee member.



**Stephane Montbarbon, Offshore Contracting Director
SBM Offshore**

Stephane Montbarbon is responsible for the SBM Offshore Contracting Product Line and has Global responsibility for the Business Development, Business Acquisition and Execution of all installation projects for the SBM Group. Stephane has more than Twenty five years of engineering, project management, and sales position in the development of major offshore projects around the world with Acergy and now SBM; he hold a Master Degree in Offshore Engineering from Ecole Central Marseille in France.



**Stian Ødegaard, Vice President, Deputy Project Director – Moho
Aker Solutions**

Stian is married and has two children. He lives in the Oslo area and works for Aker Solutions AS, in the subsea business area. Stian was born in Oslo in 1977. Stian started his studies in Trondheim at NTNU in 1998 after two years of military service in the Royal Norwegian Engineering Corps. His studies at NTNU were in mechanical engineering and graduated in 2003. His master thesis was written by for NTNU and Kvaerner Oilfield Products A.S (now Aker Solutions). The topic of his pre study and master thesis was on reliability management for new subsea system developments.

Stian started his career in Kvaerner Oilfield Products in 2003 as test engineer for the Kristin Subsea High Pressure and High Temperature development project for Statoil. He was a part of engineering, assembly and testing as well as the offshore installation campaign. After the follow up on Kristin he continued support for the project in engineering support.

After successful completion of this project and other project involvement he started with tendering from a technical point of view. He completed several tenders as system engineering responsible and held this role for several years.

In 2007 he was tasked to head up the ongoing global initiative for Rapid SolutionTM X-mas trees. At the same time he was asked to start up the system engineering department in Houston and had the opportunity to work for Aker Solutions Inc. for a year.

Upon return to Norway, he returned to the position as system engineering and technical responsible for the new established tendering department in Aker Subsea, managing the technical aspects of major subsea projects tendering globally.

In 2010 he was asked to head up the Subsea Lifecycle Services – Lifecycle Technology department, with focus on supporting our global service organization with engineering support and knowledge sharing. The Lifecycle Technology department is now renamed, Operations Support.

After 3 years of heading up the Lifecycle Technology department he has now entered the role as Deputy Project Director for Aker Solutions on the Moho Nord project for Total in Congo



**Vibor Paravic, General Manager
GMC Ltd.**

Vibor Paravic holds a Masters degree in Mechanical Engineering from the University of Houston. He started his career in artificial joint design and biomechanical research. Vibor has since worked on energy projects in the Gulf of Mexico, West Africa, Mediterranean, and the North Sea. He has worked as a design engineer on subsea structures and equipment, a project engineer in subsea construction, a project manager on a vessel newbuild and now is the General Manager of GMC Limited in London providing innovative pipe lay and field development solutions.



**Koen van der Perk, Senior Vice President Commercial
Seaway Heavy Lifting**

Koen van der Perk serves as a senior executive for Seaway Heavy Lifting, a global player in the field of offshore transportation & installation in the oil & gas, renewable energy and decommissioning sectors. Koen has a background and excellence in commercial contracts and business management. In 2009, he joined Seaway Heavy Lifting. He started as a contracts supervisor within the Contracts Department, and was promoted to contracts manager in 2010, manager of the Contracts Department in 2011 and commercial manager in 2012. He finally became senior vice president commercial in 2013. Koen leads the sales group for Seaway Heavy Lifting, consisting of the business analyses, business development, proposals and contracts departments. Prior to working for Seaway Heavy Lifting, Koen spent five and a half years at Heerema Marine Contractors, where he served as a contracts manager for an EPIC project, as well as a contracts engineer within the legal department.



**Philippe Perreau, Director – Technologies Innovations Projects
GEP AFTP**

Since 2009, Philippe Perreau has been appointed GEP-AFTP Director , Technologies Innovations Projects and Director of R&D CITEPH Program

Philippe Perreau, 59, holds a Master of nuclear physics and an engineering industrial diploma from the University Paris-Sud Orsay.

He joined IFP in 1982 as research engineer in the Drilling Division where he participated in various projects. In 1990, he joined IFP office in Singapore as Head of upstream industrial development. In 1992, he returned to the drilling Division, where he was in charge of project “Retrieving data during drilling”. In 1998, he was Deputy Commissioner General of CEP & M (Committee of Petroleum and Marine Studies). In 2007, he was appointed Director of IFP SME’s Relations Division. In 2006 and 2007, Philippe Perreau was also Chairman of the French section of SPE (Society of Petroleum Engineers).



**Geoff Proud, Riser/Tree/Wellhead Delivery Manager
Talisman Energy Inc.**

Over 30 years experience in the subsea sector of the oil business from Operator & Service Company sides of the fence. Presently assigned to Vietnam’s first deepwater development for Talisman Energy, as the Top Tensioned Riser, Tree & Wellhead Delivery Manager. The field utilises a TLWP, the first for Vietnam producing to a FPSO tied back to existing infra structure. Previously with EON the German power conglomerate since they entered the North Sea as an Operator following their acquisition of Caledonia Oil & Gas. On the service side

worked with Halliburton & Global Marine Integrated Services on the new millennium era fashionable integrated service contracts before moving to Expro to complete the conceptual work for the AXIS deepwater intervention system. Oil career began with Shell’s diverless UMC project from construction to installation & operation before moving to BP for its West of Shetland fore runner DISPS



**Rene M. Raaijmakers, Commercial Director
Royal IHC**

Mr. René Raaijmakers (1968), Director Sales and Marketing, is responsible for the commercial activities within Royal IHC for its equipment and vessels segments in the Offshore market. He joined Royal IHC in April 2012, as Director of the Renewables Department and Offshore Systems. He holds a Masters' Degree in Civil Engineering from Delft University, specialized in hydrodynamics. He began his career nearly 20 years ago as mooring and subsea system design engineer with Bluewater Energy Services BV. Following a period of business development, partly out of the Houston office, he became part of Bluewater's management team, responsible for the Engineering and Tendering departments.



**Mike Read, President
Teledyne Oil & Gas**

Mike Read is presently the President of Teledyne Oil & Gas, a division of Teledyne Technologies, a group he formed five years ago. Prior to this, Mr. Read was President and CEO of Ocean Design Inc. (ODI), until the successful acquisition by Teledyne in 2009. For the previous twenty years, Mr. Read worked for the Raychem Corporation and ultimately served as the Director of Research and Development of the Telecommunications and Power Division.

Mr. Read has a High Honors degree in Chemistry and Polymer Engineering, holds five patents in product design and has completed executive education programs at the Harvard Business School and Insead Business School in France.

Mr. Read serves on the Board of PESA.



**Ken Richardson, Executive Vice President of Energy Project Development (Advisory Board Member for 5+ Years)
ABS**

Vice President Energy Project Development Kenneth Richardson has been with ABS since 1982. Over his 30-year career, he has held a range of engineering and management positions within ABS and ABS Group and has been active in industry associations, including the American Petroleum Institute (API) and the American Society of Mechanical Engineers (ASME). He earned his BS in Mechanical Engineering and MS in Ocean Engineering from the Stevens Institute of Technology, Hoboken, NJ, and attended the Program for Management Development at

the Harvard Business School.

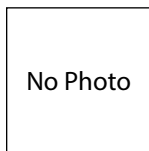


**Keith Smith, Construction Delivery Manager – Deepwater Projects (Advisory Board Member for 5+ Years)
Shell**

Keith Smith is currently the Construction Delivery Manager-Deepwater Projects for Shell, based in Houston, where he is responsible for the construction management of Shell's new deepwater facilities. Keith has been with Shell for 25 years where he has held various roles in the design, fabrication, transportation and installation of offshore fixed and floating systems. He most recently served as Enterprise Category Manager-Offshore Installation where he was responsible for Shell's offshore installation global commercial strategies.

Keith has a Master's degree in Structural Engineering from the University of Texas and a Bachelor's degree in Civil Engineering from Tulane University. He also holds a Master's Certificate in Project Management from George Washington University. He is a Registered Professional Civil Engineer and a Registered Project Management Professional.

Keith was Chairman of the MCEDD Advisory Committee in 2013 and is currently Chairman Emeritus.



**Ronald van Son, Product Director, Custom Build Vessels – Oil & Gas and Renewables
IHC Offshore & Marine B.V. (Session Chair)**

Ronald van Son is currently Product Director for the Offshore Division at Royal IHC in Rotterdam. He is responsible for the contracting and building of 10 pipe laying vessels, of which 3 are delivered and 7 are being constructed, which will all go to work for Petrobras.

Before his current job he was the Head of Projects for the Offshore Division following 11 years as Project Manager and responsible for various newbuilts and major offshore conversions on construction vessels and drilling rigs.

With a background in Mechanical engineering he spent his whole working life in the Shipbuilding and Offshore industry.



**Douglas Stroud, Senior Vice-President, Global Commercial
Canyon Offshore**

Mr. Stroud is Senior Vice-President, Global Commercial for Canyon Offshore, Inc., a Helix ESG subsidiary (NYSE:HLX) He has worked in the offshore industry since 1976 in a variety of roles including Operations, Sales and Management. He is currently responsible for managing all Commercial Activities and Contracting for Canyon Offshore Global Services and serves as an executive officer of the Corporation.

Mr. Stroud is a "Fellow" of the Marine Technology Society (MTS), a past Board member of the Association of Diving Contractors, and has served as; the Vice-Chairman of the MTS ROV committee, a member of the MTS Manned and Unmanned Submersible Committee, National Ocean Industries Association (NOIA) Technical Policy Committee and served 8 yrs. on the Offshore Technology Conference (OTC) Board of Directors, including 2 yrs. as Vice-Chairman, representing the Marine Technology Society from 2004-2012.



**François THIEBAUD, Vice President Operations
Doris Engineering**

François THIEBAUD has a French civil engineering degree and an MS degree in Ocean Engineering from USC at Los Angeles.

François THIEBAUD worked in Houston for 7 years with RJ Brown & Associates, then with Intec Engineering. He joined DORIS in 1992 as pipeline project engineer, then project manager. He was engineering manager for the GIRASSOL URF package and has since been involved in various large size subsea and floater projects.

He is now Vice President of Operations with Doris Engineering.



**D. R. (Dave) Wilkinson, Senior Subsea Systems Consultant
ExxonMobil**

Dave joined ExxonMobil after completing a Materials Engineering degree at Monash University in Melbourne in 1980. During his 30+year career with ExxonMobil, Dave has developed a wide range of expertise in areas including drilling, construction and major projects, as well as in subsea systems design, installation, startup and operations.

Dave is also an active participant in the various ISO and API subcommittees related to subsea production systems.

Dave, together with his wife and 2 daughters, has lived in both the UK and USA during various assignments with ExxonMobil's Production and Development Companies, and is now resident back in Melbourne with his family.



**Lutz Wittenberg, Chief Technology Officer
DNV GL**

Lutz Wittenberg holds a Master's degree in Naval Architecture from Technical University Hanover. Wittenberg has spent most of his professional career at Germanischer Lloyd where he started as Research Engineer in 1978. Wittenberg's experience includes a variety of Management positions within the Oil and Gas and Maritime business of the company, being located in Jakarta, Kuala Lumpur, Athens as well as Hamburg.

After the merger of DNV and GL in 2013, Lutz Wittenberg took on the role as Director of Division Technology in DNV GL's Oil & Gas business area. As of January 2014, he was nominated Chief Technology Officer with responsibility for Research and Technology in DNVGL Group.



**Fredrik Witting, Product Manager – Subsea Manifolds & Connection Systems
GE Oil & Gas**

Fredrik Witting is a mechanical engineer, and has a background from the nuclear industry before joining the oil and gas business in the 1990s. Fredrik has worked in a number of technical and sales related roles with primary focus on subsea production systems, and currently holds the position as Product Manager, Subsea Manifolds and Connection Systems within GE Oil & Gas.



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Speaker Biographies



John Allen, Strategic Business Advisor
Worley parsons INTECSEA

John began his industry career with GEC of England PLC founding GEC Oil and Gas and managing the deepwater Production and underwater Remotely Operated Vehicle (ROV) business. Acquired by ABB John was the VP of Technology and Engineering for Oil and Gas Inc. He was also Director of the ABB Oil and Gas research center (Zurich/Houston). He became corporate VP for Strategic Business Development and then Manager of Global Accounts. Acquired by GE he moved from GE Oil and Gas Drilling and Production to GE Energy Corporate. He is now a Strategic Advisor in the Energy Segment. John has an Honors degree in Physics from Surrey University and an associate degree in Oceanography from the Institute of Oceanographic Sciences. He also has a Masters in (Electrical) Engineering from London University and an Executive MBA from Bath University. He is a Chartered Engineer and a Fellow of the Society of Underwater Technology. He is on the board of several external organizations and is involved in and chairing several committees in API, ISO, SPE, DeepStar and OTC. He is currently the Education Chair of SUT and he has multiple patents and published papers.

No Photo

Abid Ashraf, Project Manager
GMC Limited



Pieter van Asten, Sr. Concepts Manager - Innovation
Lloyds Register Energy – Drilling

Pieter started his career as a naval engineer and mechanic in 1988. He is working for Lloyds Register Drilling Integrity Services (previously ModuSpec Engineering Int. B.V.) since 2003; first as Asset Integrity and Maintenance Management Sr. Consultant and now as Sr. Concepts Manager for the recently initiated Innovation group within Lloyds register Energy Drilling. Pieter has a vast project experience in Maintenance and Reliability management, holds a Master degree in System Support & Engineering Management and is a certified Safety Integrity Engineer. Pieter also developed and executed maintenance effectiveness audits and asset integrity and maintenance management training for his company for a variety of operators and drilling contractors. Pieter was managing the first BOP Risk Model projects in 2012 in co-operation with Scandpower Risk Management Services (currently Lloyds Register Energy Consulting) following the 'Macondo accident'. He is still involved in the production of risk models for BOP's and is currently managing the next steps in BOP reliability management and condition based maintenance & monitoring and involved in risk modelling and reliability applications of various other equipment.



Christopher M. Barton, Senior Vice President – Global Offshore Business Development
Wood Group Mustang, Inc. (Advisory Board Member)

Christopher M. Barton is currently Sr. Vice President – Global Offshore Business Development, for Wood Group Mustang, based in Houston where he has responsibility for global business development for WGM's Offshore Business Unit. Chris has over 33 years experience in the upstream oil and gas industry and has also held senior roles with KBR, FloaTEC, Technip, McDermott, ABB and PennWell. Since commencing his career as a Field Engineer with McDermott in Singapore in 1980, Chris has worked in a wide range of roles encompassing Operations, Projects and Business Development in the Americas, Asia Pacific and Middle East. Areas of expertise include executive management, marketing and sales, business development, engineering and project management, construction site supervision, offshore operations, and field development work. Experience covers all aspects of the upstream industry, including business-to-business publishing, and developing and managing industry events



Louis Bon, Managing Director Ichthys LNG Project
INPEX

Louis Bon joined the INPEX-operated Ichthys LNG Project as Managing Director in September 2013, on secondment from Total E&P. Enjoying a near 35-year career with Total, Louis' most recent senior executive positions include Vice-President of Total E&P Operations, overlooking Total's field operations, drilling, logistics and procurement activities worldwide, and Pazflor Project Director – a major project offshore Angola which successfully started up one month ahead of schedule in August 2011.

Previous to this Louis held the senior positions of Projects and Construction Division Deputy Director, and Technical Director for Asia and the Far East.



Dan Boyd, Senior Analyst - BMO Capital Markets Equity Research
BMO Capital Markets

Dan is a senior analyst in BMO Capital Markets Equity Research, covering the US Oilfield Services sector, bringing 15 years of investment experience, including 11 years in the energy sector. Prior to joining the firm, in 2014 Dan was a buy-side analyst with Blue Arrow Capital (a Millennium platform company) and Empryrean Capital. Prior to that, Dan was the senior Oil Service analyst at Goldman Sachs & Co (from 2005 to 2011). He began his career at two boutique firms, initially in investment banking then as an associate covering E&Ps. Dan earned a bachelor of science in business administration from the University of Pittsburgh, where he graduated magna cum laude. He is also a CFA charterholder.

**Pascal Carrier, Project Director****TOTAL**

Pascal Carrier is graduated from Polytech Clermont in France in 1989.

He joined the former TOTAL Group in 1998, after 9 years on Contractor side as project manager.

After spent 2 years as field architect on DALIA project for the development concept, he held various positions as project manager in Indonesia for Peciko Field, in UK for Bruce/Rhum field, in Congo for Moho-Bilondo, in Cameroon, Nigeria, and Holland.

In 2009 he was assigned as Vice president Project for TOTAL E&P Angola supporting new development opportunities to optimize production in Angolan TOTAL fields.

Since 2014, he is detached in Qatar Petroleum as Adviser for Major Field redevelopment.

**Martin Connelly, Technical Manager****Tata Steel UK Ltd.**

Martin Connelly is Technical Manager of the Tata Steel Tubes SAW Mills in Hartlepool, a post he has held for the last 6 years. He joined British Steel after graduating with a first class degree in Metallurgy & Engineering Materials from Strathclyde University in 1993. Since that time, he has held various positions across technical, quality and operational roles within the pipe mills at Hartlepool such as Manager - Production Operations for the 42" UOE Mill, and Manager - Production Operations for the 84" 3RB Mill. Martin has been

involved in many of the key linepipe projects of the last 20 years, ranging from European projects such as Statoil NorFra, BBL, Bluestream and Laggan-Tormore, to deep and ultradeep projects in the Gulf of Mexico, West Africa and South America such as Tupi, Perdido Norte, and Mafumeira Sul. During his time with Tata Steel, Martin has published several papers and developed a specific expertise and reputation in small diameter/thick wall welded pipe manufacture. Martin is member of API's Task Group on Linepipe, as well as a committee member of the ISO 3183 workgroup, and also sits on the Plenary Committee of the European Pipe Research Group.

**Moataz Dawood, Subsea Facilities Manager BG Tanzania****BG Group**

Moataz is currently working for Tanzania upstream development project as a subsea facilities manager and he has a 15 years' experience in subsea deep water projects in Egypt. Moataz has a broad spectrum of project management and engineering delivery experience that encompasses all phases of project life cycle from concept selection to commissioning and hand over to operate.

**Martijn Dekker, VP Appraisal and Hydrocarbon Maturation****Shell Upstream Americas**

Martijn Dekker is the Vice President for Appraisal and Hydrocarbon Maturation for Shell Upstream Americas Exploration. He joined Shell almost twenty years ago and worked on various major deepwater projects in multiple locations, including Scotland, Philippines and the USA, covering the project life cycle from discovery to start up. He was the development integration lead for the Gulf of Mexico Perdido project and most recently Martijn was the development manager for the Stones project in the Gulf of Mexico, which will be the world's deepest production system.

**Arnaud D'Escricenne, Head of Department - Subsea Equipment****DORIS Engineering**

Arnaud is a qualified engineer with 13 years of professional experience in the offshore oil and gas industry having been involved in conceptual studies, basic engineering, detailed engineering, procurement, subsea structures fabrication follow-up and offshore installation. In his current position as Head of Subsea equipment department, he is acting as Subsea Manager for various FEED projects such as MOHO NORD subsea FEED covering Subsea Production Systems, Umbilicals, Risers, Flowlines, Pipeline.

**Ronald Doherty, Manager Field Developments****Intecsea Consulting**

Ron is a Chartered Engineer with over thirty years of experience gained in the offshore oil and gas industry, working for both operators and contracting companies based in the UK and overseas. He has held the position of Manager Field Developments since 2011 within INTECSEA UK. Career highlights include:

- Over 20 years subsea consultancy, conceptual design and FEED engineering
- Over 10 years on major subsea detail design and procurement projects
- Management of offshore installation and commissioning of subsea developments

His experience encompasses offshore and subsea operations for both greenfield and brownfield locations and includes a range of activities such as the economic evaluation of field development concepts, field development studies, FEED design, detail design, prototype design/development, equipment procurement, EPIC contracts, integration testing, offshore installation and commissioning of equipment from FPSO's, DSV's and fixed platforms and the support of operating facilities.

**Neil Douglas, Managing Director****Viper Subsea Technology Ltd**

Neil Douglas has been in the subsea controls industry for 30 years. He has held a number of engineering and management positions and in 2007 established Viper Subsea. The company has seen an average annual growth rate of 45% and is rapidly establishing a reputation for novel innovation within the industry with a number of national awards.



Guy Drori, Naval Architect & Floating Systems Engineer
BP Exploration Operating Company Ltd

Guy Drori is a Naval Architect and Floating Systems Engineer at BP's Upstream Engineering Centre in London. His love for the sea was always a part of his life; this led to a seven-year service in the navy as a naval officer on-board various vessels. He then decided to pursue a career as a Naval Architect. He completed an MEng in Naval Architecture with Offshore Engineering from the University of Strathclyde and joined the offshore industry. More recently, Guy took part in a project to investigate the effect of mooring line failures on floaters' operability, risk management and financial implications for the business.



Stewart Duthie, Manager - Flexible Pipe Technology
Flexlife Limited

Stewart Duthie joined Flexlife in July 2009, initially working in a Business Development role and subsequently taking the position as Manager within the Flexible Pipe Technology division. Since joining Flexlife, Stewart has been heavily involved in the company's riser integrity and ultrasonic scanning projects. He contributes a robust practical understanding of flexible pipe integrity and a wealth of knowledge of oil & gas operations worldwide, with particular focus upon floating production and the use of unbonded flexible pipes. Stewart was a steering committee member on the Riser End of Life JIP, helping to secure participation from numerous key industry participants.



Robert Eichenlaub, Technical Advisor - Subsea
KBR Granherne

Robert Eichenlaub is a degreed Mechanical Engineer with a combined 14 years of experience in the offshore oil and gas industry in a wide variety of disciplines. Positions held include: Project Manager, Project Engineer and for numerous clients and projects. Since 2012 he has been with the Subsea and Pipelines Group of Granherne Inc., a KBR company, in Houston, Texas. Specific areas of focus have been field development planning FEED and PreFEED studies, subsea controls and distribution systems with major project experience ranging from project management, owners engineer, to fabrication and manufacturing monitoring. A proven leader of field development planning engineering studies management, subsea project management and management of engineering teams on various subsea distribution and controls projects.



Charles Essien, BSWA Project, FPSO Delivery Manager
Shell Nigeria

Charles is the FPSO Delivery Manager for BSWA project. He holds degrees from the University of Nigeria, Nsukka, Nigeria (B.Eng. – 1984), Cranfield University, Bedford, England (MBA – 2003). He joined Shell in 1986 and his work in Shell has included stints in onshore field engineering, petroleum economics, deep water front end engineering, and deep water projects execution. He held a senior role in the Topsides team of Bonga Main FPSO project execution, which involved international assignments in USA and UK. In the last 8 years he has played several leading roles in the BSWA project maturation effort from Assess phase, Select phase through Define phase. He is married with two children and is based in Lagos, Nigeria.



Upul Fernando, Principal Engineer-Technology
GE Oil & Gas

Upul is a Mechanical Engineer that graduated from the University of Sri Lanka with First Class Honors. He has previously worked in the academia for 30 years and has published over 30 research papers, 8 patents and several honorary awards. Upul is an expert in engineering design, flexible pipes, engineering materials, finite element analysis, fatigue and fracture analysis. He has thirteen years' experience in the Oil & Gas pipe line industry. He is currently working for GE Oil & Gas as the Wellstream Technology group leader for R&D where he is responsible for new product initiatives. He is a technical leader for high pressure flexible pipes for ultra-deep water.



Emmanuel Fontaine, Specialist Engineer
Subsea 7

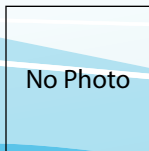
Emmanuel graduated an Engineer in mechanic and energetic with an overall 19 years' experience in structure design for the petroleum industry. He worked earlier in structural design of heaters for refineries and pursued his career mainly on the offshore design side with subsea structure design for SURF projects. He has experience in deep sea projects and has been involved in design of shallow foundation (PLET and Sled, including structure and piping), topside and conventional projects.



Steven Frazer, Lead Development Engineer
Technip

Steven commenced his career in R&D within DUCO Ltd, now Technip Umbilicals Ltd, working within the umbilical development department. He specialised in the design and development of new technology focusing upon handling, operational and installation of thermoplastic and steel tube umbilicals. Over the past 3 years he has worked specifically on deep water technologies of which he will be focusing upon in his presentation. After 7.5 years in R&D, Steven moved into the Commercial Engineering and is now the Product

Design Manager, responsible for the delivery of all Engineering aspects on commercial projects. Education: BEng (Hons) Mechanical Engineering; MSc Subsea Engineering at Newcastle University. Chartered Mechanical Engineer.



Peter Godfrey, Managing Director
ODE Ltd.

Biography not available.



**Svein Erik Gregerson, Product Manager, Subsea Flow Metering
Emerson Process Management**

Svein Erik Gregersen is Product Manager Flow Metering at Roxar Flow Measurement, a business unit of Emerson Process Management, and has been in the company for seven years. Prior to heading up the Flow Metering business, Svein Erik has occupied roles such as Key Account Manager, Sales Manager, Service Engineer, and lastly Manager for the Roxar Subsea Meters. Svein Erik has a master degree in Signal Processing and Communications from The Norwegian University of Science and Technology (NTNU) in Trondheim.



**Leon Harland, Executive Vice President Commercial
Heerema Marine Contractors**

Leon Harland started as Heerema Marine Contractor's Senior Vice-President Commercial in April 2012 and was promoted to Executive Vice President Commercial on October 1, 2013. After graduation from Delft University of Technology (1994), he was involved in research into fixed platform reliability at Delft University of Technology and later at Shell Research.

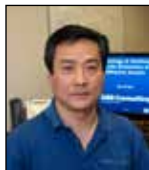
In 1998, he moved to SBM Offshore in Monaco, where he held various positions in engineering and project management of turret mooring and FPSO projects. In 2005 he was tasked by SBM to start up and grow, on a basis of partnerships, a new business line related to Floating-LNG. As EVP Commercial, Leon leads HMC's commercial teams and focuses on expanding its business in new products and geographic regions.



**Paul H. Hillegeist, President, COO & Co-Founder
Quest Offshore Resources, Inc.**

Paul Hillegeist holds a BA in Economics from The University of Texas at Austin and serves as President, Chief Operating Officer and Co-Founder of Quest Offshore, a strategic advisory firm to the global oil & gas industry. Paul has over 24 years of industry experience including 15 years as President of Quest which serves over 300 global clients including the world's leading Fortune 50 Companies including Royal Dutch Shell, ExxonMobil, GE Oil & Gas, Total, BP and Chevron, in addition to industrial conglomerates and leading

private equity & global financial firms. Paul actively leads Quest's Research & Data Division, and Consultancy Practice, as well as global business development & acquisition activities.



**David Hua, Director of Engineering
ABS Group**

Mr. Hua has a Master's degree in Naval Architecture and Marine Engineering from the University of Michigan, a Master's degree in Computer Science from James Madison University, and Bachelor's degree in Naval Architecture and Ocean Engineering from Shanghai Jiao Tong University. His experience includes designs of various commercial and naval vessels, leading the development of a Rapid Response Damage Assessment system by conducting engineering analyses, inspections, and risk assessments for the first FPSO in the Gulf of Mexico in U.S., developing In-Service Inspection Plans, including RBI, for offshore assets, such as SPARs, semi-submersibles, and TLPs, and leading life extension projects from ship-shaped to non-ship-shaped offshore facilities.



**Anders Husby, Head of Department, Well, Subsea and Risers
DNV GL**

Anders has worked with the subsea industry and underwater technology for more than 20 years. Before he joined DNV in 2008, he worked for GE oil & Gas and held several positions within engineering, project management and line management. In DNV GL he has worked with Subsea Wells, Subsea technology and Flow Technology before taking the role as Head of Department in 2012. He has a MSc in Mechanical Engineering from the Norwegian Technical University.



**Øyvind Iversen, Engineering Manager DEH
Nexans Norway**

Øyvind graduated from University of Newcastle upon Tyne in 1996 as Bachelor with honors in Electrical Engineering. He has been employed at Nexans since 1997 with special focus on qualifying DEH (Direct Electrical Heating). Since then, he has carried out R&D for the technology as well as being Engineering Manager for delivery projects.



**Christina Johansen, Technology Director, Europe
FMC Technologies**

Christina Johansen is the Director of the Eastern Region Technology Center at FMC Technologies in Kongsberg Norway. She has over 17 years of subsea experience, including technology management, field development, EPC project management, electric control systems development and system engineering. She holds an Executive Master of Management in Energy from BI in Oslo in addition to a Master of Business Administration from Nanyang Technological University in Singapore and a Bachelor of Science, Mechanical Engineering from Rice University in Houston. Her current engagements include Chairman of the DEMO 2000 board and vice-chairman of the OG21 (National Technology Strategy for Norway) Board.



**Smarty Mathew John, Senior Engineer, Offshore & Subsea Risk & Reliability Applications
ABS Group**

Smarty Mathew John is Senior Engineer, Offshore & Subsea Risk & Reliability Applications at ABS Group, an affiliated company of ABS, a leading marine and offshore classification society. In this role, he is responsible for advancing risk, reliability and asset integrity management technology for offshore and subsea technologies. Prior to joining ABS Group, John was part of the Offshore Engineering Drilling Systems team at ABS, where he was responsible for the analysis and review of drilling systems to verify compliance with ABS

Rules and industry standards. He also was part of ABS' Technology group in Houston, where he was involved in R&D efforts related to risk and reliability for the offshore industry. John has an MS in Industrial Engineering from Texas A&M and a BS in Mechanical Engineering, and he is currently enrolled in the Subsea Engineering Program at the University of Houston.



**Jim Kaculi, Vice President of Engineering
Dril-Quip Inc**

Dr. Kaculi is the Vice President of Engineering at Dril-Quip and has 15 years experience on design of subsea drilling/production equipment and is specialized in stress analysis (FEA) and fatigue/fracture mechanics. He holds Bachelor's, Master's and Doctor's degrees in Mechanical Engineering and has over five years of research in Nanotechnology. He is a licensed professional engineer in Texas and has authored several technical papers, including a US patent. He is a member of various API standards committees: API-PER15K, API-17TR8, API-5C5, API-TR12, API-6X, API-16A. Serves as AWHM representative to API Executive Committee for Standardization and the US Technical Advisory Group for ISO Technical Committee 67.



**François Lirola, Riser Engineer
Saipem**

François LIROLA has a master of science in hydrodynamics and mechanical engineering. He has been working for 5 years in the Innovation and Technology Development department at SAIPEM and is currently in charge of SURF developments. Throughout the years he has been involved in a wide range of innovative development related to SURF with specific focus on fatigue testing, qualification of new products and hydrodynamic behavior of risers.



**Ryan Malone, Director of the BP Global Subsea Hardware
BP**

Ryan Malone is the Director of Global Subsea Hardware, an organization that delivers subsea hardware and services for BP Upstream. Ryan joined BP in 2002 and has held a number of project engineering and management roles in both operations and projects. Most recently, Ryan was the Project Manager for Atlantis Phase 2 and Project Manager for the Mad Dog Phase 2 Hull and Mooring scope. Ryan was also the Executive Assistant to Neil Shaw – COO Global Projects, where he helped in the creation of BP's Global Projects

Organization.

Ryan has a Mechanical Engineering degree with a Minor in Mathematics from Baylor University.



**Thomas McCudden, Global Sales Manager – NASNet®
Nautronix**

Thomas has over 15 years' experience working in the Oil and Gas industry. He started his career following a degree in Physics from the University of Strathclyde. Having recently joined Nautronix, he has been appointed as the company's Global Sales Manager for NASNet® and will be responsible for developing awareness and worldwide sales of NASNet® positioning technology. Prior to joining Nautronix, Thomas gained a wealth of experience within the oil and gas, telecommunications and finance industries through previous positions at American Express, BT and latterly Coda Octopus.



**Lars Mehus, Chief Engineer
Aker Solutions**

Lars Mehus is Chief Engineer at Aker Solutions Umbilicals and is responsible for the Steel Tube Umbilical product. He has been working with in the Kvaerner and Aker Solutions company since 1990, and he has been working with Steel Tube Umbilicals since 1995. His main focus in the last period has been umbilical technology, and previously held positions within engineering and project management.



**Fredrik Moen, Business Development Manager
Aker Solutions**

Fredrik Moen is currently Business Development Manager within Aker Solutions Subsea Pump Systems. He obtained his degree in international business from BI Norwegian School of Management and Nanyang Technological University, Singapore. He joined the Norwegian oil and gas industry in 2007 and Aker Solutions in 2013. Fredrik is a Norwegian citizen and currently resides in Drammen, Norway.



**Patrick O'Brien, Chief Executive
The Industry Technology Facilitator**

A Chartered Engineer with 30 years' oil and gas industry experience, Dr O'Brien started his career with riser design specialist MCS, where he helped to lead the business through successful product commercialisation, international growth and subsequent integration into Wood Group Kenny. Dr O'Brien is a recognised expert in subsea riser mechanics, riser design and flexible pipe technology and has established an international reputation for his contributions to the industry.

In April 2013, Dr O'Brien joined ITF as Chief Executive and is responsible for driving forward ambitious global growth plans for the organisation, while strengthening the development and deployment of innovative technology for the oil and gas industry's most pertinent challenges through collaborative projects among its members.

Dr O'Brien is a Fellow of the Royal Academy of Engineering (FREng); he is an Honorary Professor of Engineering at the University of Aberdeen and an Adjunct Professor of Engineering at the National University of Ireland, Galway. Previously, Dr O'Brien served on the board of industry body Subsea UK for a period of close to ten years since its formation in 2004.



**Arne B. Olsen, Sales Director, Pumps & Subsea Processing
OneSubsea**

Arne Olsen graduated from the South Dakota School of Mines & Technology in 1983 as a mechanical engineer. Joined Framo Engineering, now OneSubsea Processing in 1985 as a subsea engineer. Worked as Department Manager for the Subsea Department from 1994 to 2000 and thereafter joined the Sales Department today as Global Sales Director for Pumps & Subsea Process Systems



**Jason Payne, Senior Project Manager - Technology Group
Wood Group Kenny**

Jason Payne is a Senior Project Manager and engineering consultant within the Technology Group of Wood Group Kenny Ireland. He has over 16 years' experience ranging from SURF and structural design to project management, technology development, fabrication, testing, construction and inspection. Jason is Technical Lead and Project Manager for the SLARP JIP, now in its 3rd Phase.



**Pierre Pedenaud, Water Treatment Specialist
Total**

Pierre Pedenaud graduated from the Ecole des Mines Engineering School in Saint-Etienne. He began his career in the process Department at Elf E&P in 1992. In 1994, he joined Elf Exploration Angola as methods engineer for production on Block 3. He joined in 1996 the process department of ELF E&P at TOTAL's CSTJF Research Center, specifically on the water treatment subject. In 1998 he joined Elf Petroleum Nigeria Limited in the production department as operations coordinator. In 2001 he came back to the CSTJF in the flow assurance production chemistry department, specializing in water treatment. As Water Treatment specialist, he provides assistance to the development projects of TOTAL's subsidiaries. He is also in charge of water treatment activities for research and development, particularly for Heavy Oil and Water Management R&D projects.



**Dr. Alexander Quayle, Technology Development Specialist
BP**

Alex is a multidisciplinary specialist in BP's Upstream Technology flagship with specific expertise in flow measurement, instrumentation and sensing, mechanical design and product development. Alex joined BP 5 years ago and has worked in both field operations and major project roles. He is a Chartered Mechanical Engineer who regularly enjoys running, rowing and cycling.



**Julien Rolland, Ph.D., Flow Assurance Engineer
Total**

Julien is currently flow assurance engineer within Total in Paris, dealing mainly with thermal aspects. He obtained his master degree in mechanics from Grenoble Institute of Technology followed by a PhD for the aerospace industry. Julien started his career as a rotating machine engineer for the hydropower & nuclear industry in France. He worked previously for Framo Engineering in Bergen, Norway, with subsea multiphase pumps & wet gas compression.



**Hassan Saleh, Senior Riser Engineer
2H Offshore Engineering**

Hassan has achieved a masters in engineering from the university of Surrey following an undergraduate degree in aerospace engineering. He then joined 2H offshore as an engineer where he worked as a riser engineer developing riser solutions for projects around the world. Currently Hassan is a chartered senior engineer in 2H offshore, with over 6 years of experience in riser engineering.



**David Saul, Reliability and Technology Lead, BP Global Subsea Hardware
BP GSH**

David is a Chartered Engineer with over 25 years' experience working in the Oil and Gas Industry. He joined BP in 2005, before this he worked in subsea controls for Aker and GE. In addition he has presented undergraduate and postgraduate university courses in Engineering and Knowledge Management. He is a member of the engineering advisory panel for Brunel University. His first role in BP was to lead BP's AUV development programme before moving on to the Shah Deniz stage 2 project, where he managed the subsea technology qualification programme. David's current role is the Reliability and Technology Lead for the BP Global Subsea Hardware team. In this role he is accountable for all technology qualification and application of BP's subsea reliability strategy in GSH. GSH manage and execute delivery of all Subsea Production System hardware (controls / trees / wellheads / umbilicals / manifolds) to BP major projects. In 2013 David was appointed as a BP Advisor on subsea system reliability. BP's Technical Advisor Programme is a group wide programme that supports outstanding experts, giving them wider responsibilities and providing them with the time and authority to carry out these activities, thus enabling them to impact the business in a more powerful way.



Joe Scattergood, Subsea Project Engineer, Global Subsea Hardware BP

Joe is a Chartered Engineer with over 10 years' experience working in Subsea Projects. He joined BP in 2004. He has worked in the Gulf of Mexico and Angola regions across Paris, Angola, Oslo, London, and Houston. His roles have spanned all phases of projects, and include writing a BP standard for assessing wet and dry tree developments in a consistent manner, subsea commissioning engineer on Greater Plutonio, subsea separation & pumping package delivery engineer for Pazflor, and subsea systems engineer on pre-FEED Angolan projects.

Joe's current role is a Subsea Project Engineer for the BP Global Subsea Hardware team. In this role, he is responsible for the global standardization of pipe and connectors used in the fatigue zone of wellheads. GSH manage and execute delivery of all Subsea Production System hardware (controls / trees / wellheads / umbilicals / manifolds) to BP major projects. Joe lives in Houston, TX USA where he is married with one daughter.



Roald Sirevaag, Vice President Subsea Technology and Diving Statoil

Roald Sirevaag holds a MSC in Petroleum Production and a Diploma in Economics. He started his career as a drilling engineer in Norsk Hydro and moved into subsea with the TOGI project in 1989. He joined subsea in Statoil in 1991 and has held various positions within projects (Norne, Kristin), operations (Sleipner), line management and as subsea chief engineer. He is presently chairman of the subsea committees in NOROG and IOGP.



Hamish Stewart, Senior Sales Manager FMC Technologies, Schilling Robotics

Hamish Stewart is the Eastern Hemisphere Senior Sales Manager for FMC Technologies WROV manufacturing division, Schilling Robotics. He previously held positions with FMC Technologies UK Subsea Sales and Marketing, as well as market analyst, business development, and operations management roles in some of the industry's leading service providers. Hamish commenced his career in shipbuilding as a mechanical engineer before entering the energy sector, he has over 30 years' experience within the Oil and Gas Industry, holding expertise in the subsea arena on subsea production, drilling and completion systems. As an accomplished mechanical engineer, Hamish complemented his experience with a MSc in Business Management from Robert Gordon University in Aberdeen. He is also a member of the Chartered Institute of Management.



David Tseytlin, President Tseytlin Consulting

David was born in Moscow, Russia, and attended school and college there. In 1993 he moved to the United States and since then he has lived in New York City. There he has worked as a software developer for several different companies in the Communications, Investment Banking and Oil and Gas industries. In 1997 David and his father established Tseytlin Consulting, Inc. in order to work on their software, simulators and new methods and technologies in the Oil and Gas industry.



Dr. Simon Tseytlin, Chief Scientist Tseytlin Consulting

Dr. Simon Tseytlin was born in Moscow, Russia, and lived there most of his life. In 1970 he graduated from the Institute of Physics Engineering with an MS degree in Physics and started working in the Research Institute of Space Industry #1 as a Scientific Research Associate in the laboratory of nuclear and plasma engines. At the same time he attended the Moscow State University and graduated from it in 1974 with an M.S. degree in Mathematics. Three years later he completed his dissertation based on his research work and achieved the Ph.D. degree in Physics and started working for Geological Exploration Institute, where he participated in research of electromagnetic logging methods. In 1979 he was offered a position of Chief Geophysicist with the Main Geophysical Processing Center of Oil and Gas Industry, where he worked for 15 years. During these years he developed a number of new methods and technologies applied in geophysical, geo-technological and hydrodynamic research of oil and gas wells. In 1992 he completed his second dissertation for Doctor of Science in Oil and Gas Technology. The thesis was "Methods of Rapid Detection of Gas Kicks and Thermo-hydrodynamic Calculations of Geophysical and Geo-technological Research of Wells".

In early 90s, when Russia became more open to foreign investors and research companies, he worked as a consultant for Geoservices Co. of France and for Russian-American joint venture MDSEIS. He developed new methods of geo-technological control of drilling wells and offered methods of production optimization for oil wells equipped with a pump.

After he moved to the USA in 1993, he worked as a consultant for a few West Oil Companies, including Baker Hughes INTEQ for 15 years. Since 1995 until 2001 he was employed by Petro-Energy International LLC as a Senior Scientist. At the same time he provided consulting services for Resource Engineering Systems (part of MIT) in Boston. The results of his research work are mostly presented as a library of simulators and descriptions of new methods and technologies, partially patented. They exist in different stages of development.



James West, Senior Managing Director Evercore ISI

James West is a Senior Managing Director and Partner responsible for the research coverage of the Oil Services, Equipment and Drilling industry consisting of detailed fundamental research on over 50 companies. Prior to joining Evercore ISI, Mr. West was a Managing Director and Senior Research Analyst at Barclays and Lehman Brothers for a combined 15 years. Since assuming lead coverage in 2011, Mr. West has been top ranked in Institutional Investor, including number three in 2011, number two in 2012 and number one in 2013.

Prior to joining Lehman Brothers, Mr. West worked at Donaldson, Lufkin & Jenrette. Mr. West received his B.A. in Economics and a minor in History from the University of North Carolina at Chapel Hill.



**Gordon Wilkinson, Business Development Manager
Jumbo Offshore**

Gordon is an Ocean Engineer who graduated from Texas A & M University with both a Bachelor of Science and Masters in Engineering. Gordon also earned his Masters in Business Administration (MBA) from the University of Houston. He has more than 25 years of professional work experience in offshore construction supporting oil & gas field developments, primarily in deepwater. Gordon has worked as a Structural and Pipeline Design Engineering, Project Manager, Project Director, Construction and Engineering Manager, and Business Development Manager for the offshore construction industry. Gordon joined the Jumbo Offshore team in 2012. Gordon and his wife Lisa have been married for 31 years (this August) live in Katy, Texas and they have two boys; age 18 and 25.



**Chris Williamson, Engineering Director
BEL Valves**

Chris is a Chartered Mechanical Engineer, with over 30 years engineering experience gained in the Subsea, Offshore and Mining industries. For the last 18 years he has been working at BEL Valves in Newcastle, UK, involved in the development of new products particularly for High Pressure Ultra Deepwater Subsea applications. He is a time served Technical Apprentice and hold a first class honours degree in Mechanical Engineering from Newcastle Polytechnic along with a Master's degree in Subsea Engineering from Cranfield University. He is a North of England Committee member of the Society for Underwater Technologies (SUT) and a Fellow of the Institute of Mechanical Engineers (IMechE).



**Eric Wilson, Sales Director Europe
DeepFlex Inc.**

Eric Wilson is the Sales Director Europe of DeepFlex, an organization that manufactures Composite and Hybrid Unbonded flexible pipes for the subsea oil and gas industry. Eric joined DeepFlex in November 2014 and has over twenty years' experience in pipelines ten of which have been in the subsea sector working for Weir Group, Bredero Shaw and Technip. Eric has an Honours Degree in Chemistry from Heriot Watt University and an MBA from Strathclyde Graduate Business School.



**Einar Winther-Larsen, Electric Control Technology Manager
Aker Solutions**

Einar has 8 years' experience within Subsea oil and gas industry. His educated within Electronics and has a Master degree in Cybernetics from Norwegian University of Science and Technology. He has experience with complex electric mechanical products, instrumentation and controls power distribution products and system. He has been involved both in large process system deliveries with focus on execution, delivery and test and as R&D engineering manager and R&D Project manager for products in the same area. At the moment he is managing a larger internal R&D program on All electric products and system within Aker Solutions.



**Erik van der Woude, Product Manager
Royal IHC**

Erik van der Woude has worked in the subsea and upstream E&P oil and gas industry for 15 years, he worked for the Frames group and royal IHC and held several positions within project engineering, project management and product management. At royal IHC he has worked with FPSO riser pull-in equipment and steel and fibre rope based traction and storage winches for lifting appliances. He is a mechanical engineer.



**James Young, Director of Engineering
JDR Cable Systems, Ltd.**

James joined JDR in April 2000 as a Senior Design Engineer for new product development. He was appointed Engineering Director in November 2011 after a series of technical management roles within the business. Prior to JDR, James worked for BICC and Dowty. James has a degree in Mechanical Engineering, is a Chartered Engineer and has an MBA from Cranfield.



**Yang Zhang, Engineer
EMAS AMC**

Mr. Yang ZHANG is currently an Engineer in EMAS AMC. He graduated with B. Eng. from Tsinghua University (China) in 2009. He got his PhD from National University of Singapore in 2013. His research interests are joint formulation of offshore structures, fracture representation in frame analysis and finite element techniques. He published about 10 journal and conference papers. After his PhD, he joined EMAS AMC Singapore office. So far, he has been involved in several projects related to deepwater pipeline and heavy lifting.

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Aker Solutions (Stand #306)

Aker Solutions provides oilfield products, systems and services for customers in the oil and gas industry world-wide. The company's knowledge and technologies span from reservoir to production and through the life of a field. Aker Solutions brings together engineering and technologies for oil and gas drilling, field development and production. The company employs approximately 28 000 people in more than 30 countries. We apply the knowledge and create and use technologies that deliver our customers' solutions. Aker Solutions ASA is the parent company in the group, which consists of a number of separate legal entities. Aker Solutions is used as the common brand and trademark for most of these entities. In 2012 Aker Solutions had aggregated annual revenues of approximately NOK 45 billion. The company is listed on the Oslo Stock Exchange.

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BARDOT Group (Stand #404)

Bardot Group is known since 2004 as the worldwide specialist in moulded mechanical systems based on polymer methods developed for underwater application. Bardot Group designs, manufactures and delivers high-efficiency polymer and composite systems, such as bending restrictors, bending stiffeners, insulation covers, buoyancies, pipe protection systems, clamps, crossings, and much more. Our products ensure the functional integrity of offshore assets, from seabed to surface. All activities and solutions organized by Bardot Group work towards a common goal: the reduction of capital expenditure (CAPEX) and operating expense (OPEX). We have named this concept LowPex®. The head office of the Company, the Engineering Center and the Qualification Center, are based in France (La Ciotat - 13). Bardot Group benefits from a worldwide development, with offices in the USA, Malaysia and Brazil and from an extended network of local qualified manufacturing partners worldwide.

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Bluewater (Stand #215)

Since its foundation in 1978, Bluewater has built a technological lead specialising in design, development, lease and operation of tanker-based production and storage systems, and has become a leading provider of innovative Single Point Mooring (SPM) systems. The company has designed, manufactured, supplied and installed many innovative FPSO, FSO and SPM systems for oil companies worldwide through turnkey supply and time charter contracts. The company also provides operational and logistic management and support for FPSO and FSO systems. Our FPSO fleet Bluewater Energy Services has designed, owned and operated ten FPSOs, of which three have been retired and two have been sold back to the oil companies. Presently, Bluewater owns and operates five FPSOs for our clients through a leasing construction. The vessels are designed to high specification and to operate in the harshest environmental conditions, under the most stringent regulatory regimes. Mooring systems Bluewater has developed some of the most innovative SPM systems in service from Catenary Anchor Leg Mooring (CALM) Buoys, to Turret Mooring and Tower systems featuring multiple risers. Each system has its own characteristics and fields of application.

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Boskalis (Gold Sponsor)

Royal Boskalis Westminster N.V. is a leading global services provider operating in the dredging, maritime infrastructure and maritime services sectors. The company provides creative and innovative all-round solutions to infrastructural challenges in the maritime, coastal and delta regions of the world with the construction and maintenance of ports and waterways, land reclamation, coastal defense and riverbank protection. In addition, Boskalis offers a wide variety of marine services and contracting for the offshore energy sector including subsea, heavy transport, lifting and installation (through Boskalis Offshore and Dockwise) and towage and salvage (through SMIT). It also has a strategic partnership in terminal services (Smit Lamnalco). With a versatile fleet of over 1,100 units Boskalis operates in around 75 countries across six continents. Including its share in partnerships, Boskalis has more than 11,000 employees.

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C KORE (Zetechtics) (Stand #403)

Zetechtics manufacture and supports the 'Jupiter' Subsea Control Solutions, Torque Verification Systems (Class 1-4 API17D, 17H & Petrobras standard) as well as a range of 'user configurable' Subsea Sensors to measure torque, flow, turns count or both. With over 400 Jupiter control systems operating worldwide (many in high integrity applications) 'Jupiter' is the global market leader for Control Solutions for ROV Intervention Tooling. One of our recent product developments includes the C-Kore - Umbilical and Jumper Monitoring Device providing 'peace of mind' by checking integrity of umbilical from surface to seabed to confirm all is good prior to connector makeup.

Castrol Offshore (Stand #621)

Castrol is one of the world's leading manufacturers, marketers and distributors of premium lubricating oils, greases and related services. Our comprehensive product ranges include subsea control fluids which are widely used in over 260 subsea developments in more than 20 countries around the world.

With a focus on system reliability, Castrol develops and tests new aqueous and synthetic subsea control fluids at our state-of-the-art technology centre in Pangbourne, UK. We analyse how our products work with clients' subsea equipment under stringent field conditions. We support every stage of a project, from initial design, fluid choice and installation, to commissioning and used fluid analysis, providing regular qualitative performance feedback.

Our global supply network, specialist regional distributors and international team of subsea experts, ensures that customers benefit from a consistent and fully integrated solution wherever in the world they operate.

ClampOn (Stand #512)

ClampOn has become the leading worldwide supplier of topside and subsea non-invasive ultrasonic intelligent sensors for sand/particle monitoring, pig detection, leak monitoring, vibration monitoring and corrosion-erosion monitoring.

We work with our customers in the oil & gas industry to optimise their well productivity and to safeguard their investments. Uncomplicated technology, modular design, easy installation and little or no calibration are watchwords for ClampOn's range of instruments.



DeepFlex (Associate Sponsor)

DeepFlex designs, manufactures, and deploys unbonded flexible pipe using proven metallic technology combined with innovative composite materials. We serve a vast range of applications from the world's most challenging subsea oil and gas production environments, to light well intervention and deepwater pipeline commissioning. Our customers benefit from new state-of-the-art manufacturing facility allowing support of worldwide projects. Headquartered in Houston Texas USA, with offices in Rio de Janeiro, Kuala Lumpur, Aberdeen, and Manufacturing Facility in Pensacola Florida USA.

Deepwater Corrosion Services Inc. (Stand #401)

Deepwater designs and manufactures cathodic protection systems for offshore and marine assets, specialising in the development of innovative retrofit technology for aging assets in need of life extension. Founded in 1986, Deepwater is a full-service offshore corrosion-control company providing the oil and gas industry with expertise in cathodic protection and asset-integrity management. Using our own proprietary product designs, we have focused on developing innovative methods and new products to improve upon lagging industry standards, resulting in a much more reliable and cost-effective approach to offshore corrosion prevention. From corrosion inspection services to engineering and turnkey project management, Deepwater provides design, manufacturing, consulting, logistics and installation supervision in all of the world's main market areas. Over the last 25 years, our cathodic protection designers and corrosion engineers have been at the forefront of the offshore industry, writing inspection procedures, developing standards and helping operators protect their infrastructure by inventing new systems that combat corrosion in almost every environment. The Deepwater team has brought the science of cathodic protection up to speed with today's cutting-edge energy market. Our approach has constantly evolved to provide more efficient and affordable alternatives to traditional cathodic protection design, which relies heavily on simple sacrificial-anode systems.

DNV GL (Stand #413)

About DNV GL

Driven by our purpose of safeguarding life, property and the environment, DNV GL enables organizations to advance the safety and sustainability of their business. Operating in more than 100 countries, our 16,000 professionals are dedicated to helping our customers in the maritime, oil & gas, energy and other industries to make the world safer, smarter and greener.

In the oil and gas industry

DNV GL is the leading technical advisor to the global oil and gas industry. We provide consistent, integrated services within technical and marine assurance and advisory, risk management and offshore classification, to enable safe, reliable and enhanced performance in projects and operations. Together with our partners, we drive the industry forward by developing best practices and standards. Our people combine industry expertise, multi-disciplinary skills and innovation to solve complex challenges for our customers.

DORIS Engineering (Stand #500)

Renowned at international level since 1965, awarded in 2006 at the OTC with Distinguished Achievement Award, DORIS Engineering is recognized as one of the world's leaders in the domain of engineering services to oil & gas industry.

Its long history in onshore and offshore markets makes it a valued partner providing complete engineering services from conceptual studies, FEED/Basic to detailed engineering including procurement services and project management services.

DORIS activities cover all aspects of projects: steel or concrete structures, fixed or floating structures, deck and topsides, subsea developments, mooring systems, marine operations ...



Dril-Quip (Silver Sponsor)

Dril-Quip, Inc. manufactures offshore drilling and production equipment, which is well suited for use in deepwater, harsh environment and severe service applications. The company's principal products consist of subsea and surface wellheads, subsea and surface production trees, mudline hanger systems, specialty connectors and associated pipe, drilling and production riser systems, wellhead connector and diverters for use by major integrated, large independent and foreign

national oil and gas companies in offshore areas throughout the world. Dril-Quip also provides installation and reconditioning services and rents running tools for use in connection with the installation and retrieval of its products.

Dynamic Sealing Technologies, Inc. (DSTI) (Stand #110)

Worldwide, DSTI provides trusted fluid swivel product technology for critical oil and gas applications. We offer integrated solutions to help our customers achieve their project goals, from design and manufacturing through to testing and qualification.

EMAS AMC**EMAS AMC (Stand #205)**

EMAS AMC – created after the acquisition of Aker Marine Contractors AS, is a global EPCIC service provider of comprehensive subsea-to-surface solutions for the offshore construction sector, in particular the vibrant subsea segment. Offerings include subsea construction, umbilicals/power cables, pipelines, platforms and FPSO installations.

EXSTO

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EXSTO (Stand #613)

EXSTO designs and manufactures polyurethane products

The EXSTO name stands for innovative and high quality service and product solutions, tailored to meet our customers' exact requirements. EXSTO offers a unique knowledge and understanding of polyurethane materials and is considered a world leader by the industry in the casting of one-shot large polyurethane parts.

Our offshore ancillary product range includes: Static and Dynamic Bend Stiffeners, Bend Restrictors, Mechanical Protections, J-tube seals, Insulation Covers...

For additional information, don't hesitate to contact us at: info@exsto.uk.com

GE Oil & Gas

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GE Oil & Gas (Stand #516)

GE Oil & Gas works on the things that matter in the oil and gas industry. In collaboration with our customers, we push the boundaries of technology to bring energy to the world. From extraction to transportation to end use, we address today's toughest challenges in order to fuel the future.

GMC Limited (Stand #611)

GMC is a global engineering services company delivering offshore projects with innovative solutions. GMC creates value for its customers through a unique blend of technical excellence, operational experience and strategic partnerships.

GMC's project expertise covers all aspects of an offshore development from the surface to the seabed, including the design and installation of offshore facilities, pipelines, risers and subsea structures and systems.

Working from offices in London, UK and Houston, Texas, USA, GMC has successfully delivered offshore projects in all major offshore basins whilst working closely with both offshore developers and strategic partners.

GMC's core business is the development and implementation of innovative technology that enables the successful delivery of challenging projects. Recent innovations include Intelligently Connected Pipe™ (ICP), Buoyant Towers (BT) and Well Intervention systems Equipment (WISE).

Hart Energy (Stand #100)

E&P, a print and digital publication, is edited as a source of information about business opportunities, technical solutions, management and financial information, and marketing intelligence to oil and gas exploration and production professionals worldwide. E&P covers the latest technology in exploration and reservoir characterization; well construction; production optimization; marine technology and operations, information technology, as well as industry news and analysis. E&P magazine has cultivated a valued, pertinent perspective on technologies and business practices. Disciplinary specialists and experienced journalists make E&P the leader in covering exploration, drilling/completion, production enhancement, and unconventional resources. The franchise encompasses the monthly E&P magazine, weekly E&P Buzz e-newsletter, www.epmag.com, Subsea Engineering News and publications such as Playbooks, and Techbooks.

**Heerema Marine Contractors (Diamond Sponsor)**

Heerema Marine Contractors (HMC) is a world leading marine contractor in the international offshore oil and gas industry. HMC excels at transporting, installing and removing offshore facilities. These include fixed and floating structures, subsea pipelines and infrastructures in shallow waters, deep and ultra deep waters. HMC manages the entire supply chain of offshore construction, from design through to completion.

**IHC (Royal IHC) (Associate Sponsor & Stand #501)**

Royal IHC (IHC) focuses on the continuous development, design and construction of reliable, custom-built assets for the specialist oil and gas, and renewable energy markets. Operating worldwide, it is a low-risk, one-stop shop for the best design consultancy, product offering and finance package supplied to customers in the offshore market.

The company is renowned for designing, constructing, assembling, commissioning, delivering and maintaining a broad range of offshore equipment for the oil and gas sector. This varies from the fabrication of single parts to complete integrated systems, such as equipment for pipe-and-cablelay, module handling, FPSO installation, handling and pile-driving. Some of its equipment is also available on a rental basis. Due to its expertise and strong relationships with suppliers, manufacturers and sub-contractors, IHC is able to take responsibility for complete turnkey projects. It complies with the latest technological developments, strictest safety regulations and most stringent environmental standards.

INTECSEA (Stand #114)

For 30 years, INTECSEA has provided frontier technology leadership for the energy industry's most challenging offshore field development and pipeline projects. INTECSEA has designed subsea production systems, pipelines and floating systems in the harshest environments, and in locations as diverse as the Black Sea, Arctic Ocean, Mediterranean, Gulf of Mexico, offshore West Africa and the South China Sea.

As part of the WorleyParsons Group, INTECSEA uniquely offers its customers comprehensive capabilities through the entire value chain of a hydrocarbons project, onshore or offshore, anywhere in the world.

Global Reach, Local Delivery

With over 1,000 highly skilled professionals located around the world, INTECSEA continues to provide innovative solutions to meet and exceed customer needs. This capacity and global footprint enables INTECSEA to execute multi-office international projects providing customers with technical excellence, execution efficiency and local support.

INTECSEA provides customers with shorter project delivery cycles, advanced technologies to enhance project economics, reduced interface management requirements and, most importantly, a level of project delivery certainty that only comes from a highly experienced and unified team operating under a single leadership.

INTECSEA core areas of expertise include:

- Subsea Systems
- Offshore Pipelines
- Marine Riser Systems
- Floating Systems
- Arctic Development

IHC (Royal IHC)

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iSURVEY

iSURVEY (Associate Sponsor & Stand #112)

iSURVEY is a leading provider of survey and positioning services to the global oil and gas, renewables and telecommunication sectors. The experienced technical team provide a fully integrated service for marine construction projects, rig and mooring operations and seabed surveys. Tasks such as ROV operations, cable installation, trenching and dredging and pipe lay can be supported, as can all types of rig-moving and mooring operations.

iSURVEY Group was founded in 2004 by seven highly experienced figures in the oil & gas industry. Headquartered in Oslo, Norway, iSURVEY established operations in SE Asia in 2012 through the launch of an office in Singapore. The Group launched a base in Aberdeen in January 2014 and now has over 100 employees, with a turnover of £14million in 2013. Global clients include Statoil, Maersk, Nexans, Bibby Offshore and Jumbo Offshore.

Lankhorst Mouldings B.V.

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Lankhorst Mouldings B.V. (Stand #108)

Lankhorst Mouldings Offshore is a designer and producer of plastic ancillaries for subsea pipelines, cables, umbilicals and ropes. We have unique capabilities of manufacturing thick-walled injection moulded products, extruded sheet and thermoset casting, from various new and recycled polyethylene (PE), polypropylene (PP) and polyurethane (PU) materials. Examples of products we make:

- VIV suppression Strakes and Fairings
- UraGUARD impact and crossing protection
- Bend restrictors
- Subsea Buoyancy Modules
- Piggy-back blocks
- Drilling riser protection fins

Magma Global Ltd

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MAGMA (Stand #328)

Magma Global is the manufacturer of m-pipe®, the world's most reliable subsea pipe for use in the offshore oil and gas industry, with applications for subsea risers, jumpers and intervention lines.

m-pipe® is a high performance carbon fibre pipe one tenth the weight of equivalent steel and non-bonded flexible pipe, with excellent fatigue strength and superior corrosion resistance, ensuring its integrity in the harshest sour service and deep water environments and enabling its use to reduce subsea project risk as well as cost.

m-pipe® has been proven to substantially reduce the costs of oil and gas exploration, development and production projects. A recent independent riser installation study has shown that m-pipe® is an enabling subsea technology that represents a step change and positive benefit to the economics of future oil and gas industry SLOR riser system deep water projects. The low weight and near neutral buoyancy of m-pipe® were shown to bring significant technical benefits as well as 75% lower riser and installation costs versus an equivalent steel SLOR riser system project, with an eleven percent reduction in typical total riser project costs.

More details of the independent study results are available at the Magma Global exhibition area.

Offshore Design Engineering Ltd

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Offshore Design Engineering Ltd. (ODE) (Stand #500)

As the proud holder of the Queen's Award for Enterprise for International Trade, ODE is an engineering contractor and consultant to the upstream oil and gas industry providing a fully integrated multi-discipline project and operations support service that delivers cost effective and technically robust field development solutions.

Now a wholly owned subsidiary of the DORIS Engineering Group, ODE provides consulting, front end and detail engineering, procurement, project management and operations and maintenance services covering offshore oil and gas production and transmission facilities as well as onshore gas terminals and treatment plants. ODE excels in both a greenfield and brownfield environment.

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Oil States Industries (UK) Ltd. (Stand #124)

Oil States Industries is a global leader in products and services for the Oil & Gas industry. The company's unique technologies include FlexJoint® flexible couplings for subsea applications, HydroTech® systems for construction and repair of subsea pipelines, and advanced tubular connectors including the Merlin™ product line. Oil States is also known for its Nautilus® cranes, mooring systems, winches, and other products and services for the installation and decommissioning of offshore fixed platforms. Its proven Hydra-Lok® systems are used for pile swaging and caisson repair, and the company also provides offshore grouting hardware and services, pile grippers/lifting tools, flexible closures and Latch-Lok™ leveling systems. Oil States' valve systems for subsea and surface applications, specialized welding services, and maintenance support for Marine Risers and BOP systems are available worldwide.

OneSubsea

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OneSubsea
A Cameron & Schlumberger Company

OneSubsea (Diamond Sponsor & Stand #219)

OneSubsea delivers integrated solutions, products, systems and services for the subsea oil and gas market.

The company offers a step change in reservoir recovery for the subsea oil and gas industry through integration and optimization of the entire production system over the life of the field. OneSubsea leverages Cameron's flow control expertise, process technologies and world-class manufacturing and aftermarket capabilities, along with Schlumberger's petro-technical leadership, reservoir and production technology, and R&D capabilities.

OneSubsea currently has more than 6,000 employees in over 23 countries operating in six divisions - Integrated Solutions, Production Systems, Processing Systems, Control Systems, Swivel and Marine Systems, and Subsea Services - that provide products and services to oil and gas operators around the world.



Quest Offshore

Quest Offshore Resources (Conference Organizer & Booth 312)

Quest Offshore Resources is a leading provider of strategic data, analysis and market intelligence thru reports, consulting and technical conferences to the offshore oil and gas industry; our niche is the deepwater, subsea and

marine construction segments globally.

Quest has created the world's largest repository of data detailing forecast and active Deepwater Projects worldwide focused on all the important drilling prospects yielding potential hydrocarbons for the future, leading to eventual development thru Floating Production, Subsea, Deepwater Pipelines, and Umbilical solutions. This extensive band of accurate data has also led Quest to provide many companies with "Global Market Overview and Indicator Reports", input on potential mergers/acquisitions, strategic information for future plans, facilities.

Quest is also deeply entrenched within the offshore Marine Construction & Installation sector, providing information on markets, assets and news, also providing specialist reports from their consultancy services.

Please contact our representative at our stand number 312.

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REPSOL (Supporter)

Repsol is an integrated oil and gas company with presence in more than thirty countries, employing over 23,000 people. Repsol Upstream, which includes oil and natural gas exploration and production activities, has established itself as the growth engine for the group following successful exploration campaigns that have produced eight finds amongst the world's annual top ten since 2005, and industry-leading reserve replacement ratios: 204% in 2012 and 275% in 2013. The company invests about \$8 per barrel produced on exploration, making Repsol's one of the most ambitious exploration programs amongst integrated oil and gas companies. Hydrocarbons production is growing at an average 7% annually at Repsol with the startup of key projects in Bolivia, United States, Spain, Russia and Brazil. Further output increases from Venezuela, Peru and Brazil will help maintain these growth rates until at least 2016.

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Roxar – A Division of Emerson (Stand #504)

Roxar – Maximum Reservoir Performance

Emerson's measurement and analytical expertise and our innovative Roxar solutions empower enhanced decision making for increased oil and gas recovery, optimized production and improved asset integrity – for the entire reservoir life cycle. Solutions span seismic interpretation and reservoir modeling right through to the very latest in flow assurance and production optimization and include:

- 3D geological modeling, reservoir simulation and history matching solutions that deliver accurate performance predictions, an improved quantification of risk and better reservoir decision-making.
- Permanent downhole instrumentation providing operators with complete control and knowledge of their production operations.
- The latest multiphase and wet gas meters, generating continuous, accurate and real-time well and flow rate information and ensuring that operators derive maximum reservoir performance from their production data.
- An extensive flow assurance portfolio that tackles a wide variety of production challenges including hydrates, corrosion and sand erosion.

Whether facing geologically complex prospects, deepwater HP/HT fields or wet gas fields with high GVF and salinity, Emerson's Roxar solutions are meeting the industry's toughest challenges and deliver the information operators need to make optimum field development and production decisions.

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Saipem (Stand #411)

We are one of the global leaders in the Engineering & Construction and Drilling businesses, with a strong bias towards oil & gas-related activities in remote areas and deep-waters. We excel in the provisioning of engineering, procurement, project management and construction services, with distinctive skills and capabilities in the design and execution of large-scale offshore and onshore projects. We also offer cutting-edge technologies for the gas monetization and heavy oil exploitation.

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SBM Offshore (Associate Sponsor & Stand #615)

SBM Offshore provides floating production solutions to the offshore energy industry, over the full product life-cycle. The Company's main activities are the design, supply, installation, operation and the life extension of Floating Production, Storage and Offloading (FPSO) vessels. These are either owned and operated by SBM Offshore and leased to our clients or supplied on a turnkey sale basis. As is a leader in this field, we have unrivalled operational experience. We maintain a significant Intellectual Property. (IP) portfolio which includes patents, trademarks and copyrights.

SBM installation expertise generates for our client, reliability and planning optimization, in particular for activities within the critical path of the first oil schedule along with seamless interface management and marine asset mobilization. Our installation vessels, the Normand Installer and the SBM Installer, can also be used to deploy subsea structures and lines, to support diving and shallow to deepwater construction or used for removals, maintenance and towing.

Group companies employ over 10,500 people worldwide, who are spread over five regional centres, eleven operational shore bases, the joint ventures with several construction yards and the offshore fleet of vessels.

Sea Trucks Group (Stand #300)

-Delivering the Difference-

The Sea Trucks Group is an international group of companies offering offshore installation, accommodation and support services to the Oil & Gas Industry worldwide. From ten locations around the world the group offers its customers a wide range of services from sub-sea construction and SURF solutions to accommodation hook-up and fabrication, supported by a multi-national workforce of 2,500 persons.

Sea Trucks owns and operates a fleet of new, flexible DP3 construction/accommodation vessels, based on a hybrid design configuration that combines the following key characteristics:

- Class 3 Dynamic Positioning System
- Large unobstructed decks
- Ability to install rigid pipe and/or flexible pipe
- High capacity cranes ranging from 270 to 1,800 tonnes
- Large accommodation capacities of between 298 and 469 persons

Sea Trucks Group has a strong "can-do" culture giving clients a rapid and effective response to their requirements. Due to the hybrid design configuration of the vessel fleet we offer our clients a wide range of versatile solutions for their project needs.

The Sea Trucks Group will also be able to offer additional marine spread, such as cargo barges and AHTS vessels and other support vessels.

For more information:

Corrie van Kessel – Manager, Marketing & Communications

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Seaway Heavy Lifting (Gold Sponsor & Stand #202)

Seaway Heavy Lifting is a leading offshore contractor in the global Oil & Gas and Renewables industry, offering tailored T&I and EPCI solutions. We operate globally focussing on the North Sea, Mediterranean, America's, Africa, Asia Pacific/Middle East.

By utilizing our highly skilled and motivated workforce, quality assets and continuous focus on new technologies we provide our clients with safe, effective and added value solutions.

Seaway Heavy Lifting operates and owns crane vessels Stanislav Yudin and Oleg Strashnov, which have a revolving lift capacity of 2,500mt and 5,000mt respectively. Both vessels are state of the art and certified to the highest standards.

Seaway Heavy Lifting is a Subsea 7 Joint Venture company

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Shell (Premier Sponsor & Supporter)

Shell is a global group of energy and petrochemical companies. Our headquarters are in The Hague, the Netherlands, and our Chief Executive Officer is Ben van Beurden. The parent company of the Shell group is Royal Dutch Shell plc, which is incorporated in England and Wales.

Our strategy to generate profitable growth remains to drive forward with our investment programme, to deliver sustainable growth and provide competitive returns to shareholders, while helping to meet global energy demand in a responsible way. In Upstream we focus on exploring for new oil and gas reserves and developing major projects where our technology and know-how adds value to the resource holders.

In Downstream our emphasis remains on sustained cash generation from our existing assets and selective investments in growth markets.

SubCool Technologies Pty Ltd

SubCool Technologies Pty Ltd (Stand #116)



The Society for Underwater Technology – SUT (Early Career Engineer Sponsor)

The Society for Underwater Technology (SUT) is a multi-disciplinary learned society that brings together organisations and individuals with a common interest in underwater technology, ocean science and offshore engineering.

SUT was founded in 1966 and has members from around 40 countries, including engineers, scientists, other professionals and students working in these areas.

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Teledyne Oil & Gas (Diamond Sponsor & Stand #211)

Teledyne Oil & Gas is focused on strengthening the value proposition by delivering high reliability engineered solutions for subsea/topside pipeline asset integrity monitoring, sensing and power/data network transmission and distribution system applications for the Oil & Gas production industry.

Teledyne Oil & Gas is: AG Geophysical Products, Cormon, DGO, Impulse, ODI, Storm Cable and VariSystems, plus a close association with Teledyne Scientific Corporation.

Teledyne Oil & Gas leads with a strong reliability program based on understanding all aspects of our systems and subsystems 25 year performance life capability from the materials systems through to the physics of failure of each material in the system and to complex accelerated aging performance qualification using the latest advanced methods of combined stress analysis and materials certification in association with our research partner, Teledyne Scientific, a leading materials science research center in Thousand Oaks, California.

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Total (Premier Sponsor & Supporter)

Energy is vital to economic development and improved standards of living. Wherever it is available, energy is helping to drive progress, but sustainability requires changes in the way that it is used and managed.

This is the environment in which we conduct our business. With operations in more than 130 countries, Total is a top-tier international oil company and a world-class natural gas operator, refiner, petrochemical producer, and fuel and lubricant retailer. Our nearly 100,000 employees leverage their globally acknowledged expertise so that together they can discover, produce, refine and distribute oil and gas to provide products and services for customers worldwide.

We are also broadening our offering by developing energies that can partner oil and gas — today, solar energy and tomorrow, biomass.

As a responsible corporate citizen, we focus on ensuring that our operations consistently deliver economic, social and environmental benefits.
www.total.com

UTEC – NCS Survey (an Acteon Company)



UTEC – NCS Survey (an Acteon Company) (Associate Sponsor & Stand #102)

Wood Group Mustang (Stand #506)

Wood Group Mustang provides project management, engineering, procurement and construction management services to the energy industry, specializing in offshore production facilities, modules, platforms, floating facilities, tiebacks, revamps and modifications. Over the last decade, we have designed over 500,000 metric tonnes of topsides worldwide, which equates to over 1.5 million BPD oil. We have also designed topsides for more floating production facilities (spars, semi-submersibles, and TLPs) worldwide than any other company. Wood Group Mustang is People Oriented...Project Driven® and has built a reputation for energy, innovation and quality. We have offices in the United States, Malaysia, United Kingdom, Norway, China, Latin America, Canada, West Africa and the Middle East and employees over 8,600 people. For more information, visit www.mustangeng.com.

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ZerLux (Stand #607)

ZerLux Laser is a company that provides services to oil & gas industry operators in increasing their well productivity by offering proprietary and patented applications powered by high energy lasers.

ZerLux comprises of three laser application development and service companies based in Hungary and Houston, Texas. ZerLux has been certified under ISO 9001 by TUV Rheinland. This secures the methodology and processes of research and development within ZerLux.

The team of ZerLux consists of inventors, scientists, engineers and other specialists who work on fundamental research, product development and tool production. ZerLux is currently co-operating with international organizations such as the Karlsruhe Institute of Technology (D), BRGM (FR),

University of Malta, Wardell Armstrong (UK) on international research and development applications involving high-power laser tools of ZerLux. Quest Offshore (US) and AGR (Norway) are supporting ZerLux with oil and gas industry expertise. ZerLux has a strong intellectual property portfolio with five registered and thirteen distinct patents pending.

ZerLux is a service provider of laser applications in the oil & gas industries and offers exploration, production and service companies a definitive advantage over conventional solutions. ZerLux's laser applications overcome the current technical limitations of the industry.

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5-7 April, 2016

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INTEGRATED OFFSHORE FIELD DEVELOPMENT

Together, WorleyParsons and INTECSEA offer customers a single integrated project delivery service, from wellhead to market, for the most challenging offshore developments.

This integration brings increased transparency and simplified communication consistently resulting in increased efficiencies, cost and schedule benefits, and better safety performance for employees, contractors, customers and the environment.

www.worleyparsons.com
www.intecsea.com

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ON STAND **114**