MCEDD
DEEPWATER DEVELOPMENT

2-4 April, 2019
Novotel London West Hotel
London, UK · MCEDD.com

Organized by GULF QUEST · Quest Offshore · World Oil

Lead Operator Sponsor
bp
Remaining Competitive in a Rising Tide

Technical Program & Agenda

Early Career Engineer

Exhibition Hall - Chablis (Ground Floor)
Track 1 - Session Room: Cremant - Mancy & Avize (1st Floor)
Track 2 - Session Room: Cremant - Morangis (1st Floor)

Tuesday 2 April 2019

08:00 - 19:00	Registration & Badge Pick-Up *sponsored by* magma • Exhibition Hall
08:00 - 17:00	Exhibitor Set-Up • Exhibition Hall
08:30 - 15:30	**SUT Deepwater 101 Course** • Room: Bouzy (1st Floor)
14:30 - 15:30	Advisory Board Meeting • Room: Chalon (1st Floor)
16:00 - 16:30	**Keynote Address** bp ***Chair:*** *Paul Hillegeist, Director,* ***GulfQuest*** • David O'Connor, Head Global Projects Organization, **BP**
16:30 - 18:30	**Operator Forum** ***Moderator:*** *Chris Barton, Senior VP Business Development Offshore,* ***Wood*** ***Chair:*** *Paul Hillegeist, Director,* ***GulfQuest*** • Adrian Luckins, Vice President – Projects: Americas, North Sea & Subsea Systems, **BP**, *The Future of Subsea* • Jean-Hervé Morard, Deputy Vice President Deepwater and Subsea, **Total**
18:30 - 20:30	Ice Breaker Reception *sponsored by* bp • Exhibition Hall

Wednesday 3 April 2019

07:00 - 17:45	Registration & Badge Pick-Up *sponsored by* magma • Exhibition Hall
07:00 - 08:00	Continental Breakfast *sponsored by* BAKER HUGHES a GE company · MCDERMOTT • Exhibition Hall
08:00 - 10:30	**Contractor Forum** ***Moderator:*** *David Bloom, Corporate Client Relations Director,* ***Subsea 7*** ***Moderator:*** *Kurt Abraham, Editor,* ***World Oil****, Chief Forecaster,* ***Gulf Energy Information*** • Andrew Atkinson, Global Commercial Director, **Baker Hughes GE**, and Mahesh Swaminathan, Vice President Commercial, **McDermott**, *Integrated Delivery of Subsea Projects: Case Studies from BHGE and McDermott* • Stuart Fitzgerald, Executive Vice President Strategy & Commercial, **Subsea 7** • Knut Boe, Senior Vice-President for Subsea Projects, **TechnipFMC** • Mads Hjelmeland, Vice President - Processing Systems, **OneSubsea - A Schlumberger Company**, *How to Remain Competitive in a Rising Tide*
	Operator Contractor Panel Session ***Moderator:*** *David Bloom, Corporate Client Relations Director,* ***Subsea 7*** ***Moderator:*** *Kurt Abraham, Editor,* ***World Oil****, Chief Forecaster,* ***Gulf Energy Information*** • Adrian Luckins, Vice President – Projects: Americas, North Sea & Subsea Systems, **BP** • Jean-Hervé Morard, Deputy Vice President Deepwater and Subsea, **Total** • Andrew Atkinson, Commercial Director, **Baker Hughes GE** • Mahesh Swaminathan, Vice President Commercial, **McDermott** • Stuart Fitzgerald, Executive Vice President Strategy & Commercial, **Subsea 7** • Knut Boe, Senior Vice-President for Subsea Projects, **TechnipFMC** • Mads Hjelmeland, Vice President - Processing Systems, **OneSubsea - A Schlumberger Company**
10:30 - 11:15	Coffee Break *sponsored by* AFGlobal • Exhibition Hall

11:15 - 12:45

Subsea Technologies

Chair: *François THIEBAUD, Chief Technical Officer,* ***DORIS Group***
Co-Chair: *Steve Hall, Chief Executive Officer,* ***SUT***

• Tim Farrant, Subsea Engineering Manager, Shah Deniz Phase 2 Project, **BP**, *Subsea Technology Development and Enablers Shah Deniz 2 project – Azerbaijan*

• Jostein Tvedt, Sales Manager – Subsea Processing Systems, **OneSubsea - A Schlumberger Company**, *Dalmatian Subsea Boosting – Reaping the Benefits of New Contract Models and Proven Technology*

• Torbjørn Hegdal, Business Development Manager, **NOV Completion & Production Solutions**, *Extend Field Life and Increase Oil Recovery using Subsea Water Treatment and Injection*

• Dr. Thomas I. Valdez, Manager, Chemical Engineering, **Teledyne Energy Systems**, *Developing Innovative Untethered Subsea Power*

Floating Production Systems

Chair: *Boyd Howell, Director of Sales & Marketing,* ***MODEC***
Co-Chair: *Stuart McDonnell, Senior Project Manager Project Delivery & Assurance,* ***OMV Exploration & Production***

• David Boggs, Managing Director, **Energy Maritime Associates**, *FPSO Outlook & Trends*

• Luiz Feijo, Director Global Offshore, **ABS**, *Floating Production Units in the Digital Era*

• Anders Martin Moe, Project Development Manager - Floating Production, **Wood**, and Are Torstensen, Director of Technology and Service Development, Offshore Classification, **DNV GL**, *Investigating Opportunities and Challenges for Unmanned Floating Production Facilities*

• Christophe Paillusseau, Vice President Sales & Marketing, **COLD PAD**, *In Situ FPSO Deck Repair - Project Lessons Learnt from a World First Deepwater West Africa*

12:45 - 14:00

Lunch *sponsored by* BAKER HUGHES a GE company MCDERMOTT followed by Dessert & Coffee • Exhibition Hall

14:00 - 15:30

Flexibles & Composites

Chair: *David Kaye, Director, Rigid Pipeline and Installation Technologies,* ***TechnipFMC***
Co-Chair: *Henk Cornegé, Director Offshore Oil & Gas Market,* ***Royal IHC***

Wadih Malouf, Subsea Engineer, **BP**, *West Nile Delta: High-Pressure High-Temperature Flexible Flowline Case Study*

• Alexandre DAMIENS, Engineering Manager, **TechnipFMC**, *Hybrid Flexible Pipe: A Technology Step Change to Address New Deep-Water Challenges*

• David Charlesworth, Head of Engineering, **Magma Global**, *Roadmap to the All TCP Riser*

• Vineet Jha, Principle Engineer Composite, **Baker Hughes GE**, *AptaraTM Totex-Lite Composite Flexible Pipe*

Disruptive Technologies and The Digital Transition

Chair: *Steve Hall, Chief Executive Officer,* ***SUT***
Co-Chair: *David Saul, Engineering Technical Authority - Subsea,* ***BP***

• Neil Manning, COO, **3D at Depth**, *The Disruptive Technology Challenge: Grab the Jet Pack Before Stepping Off the Edge – Crossing the Canyon from Start Up to Global Market Position*

• Duncan McLachlan, Director Systems Engineering & QHSSE, **io Oil & Gas Consulting**, *Digital Silos Don't Yield Value*

• Demetri Stroubakis, Director - Vendor Market Sector Lead, Corporate Global Business Development, **ABS**, *Remote Inspection Technology (RIT) for Manufacturing and Operations*

15:30 - 16:15

Coffee Break *sponsored by* AFGlobal • Exhibition Hall

16:15 - 17:45

Marine Construction

Chair: *Henk Cornegé, Director Offshore Oil & Gas Market,* ***Royal IHC***
Co-Chair: *David Bloom, Corporate Client Relations Director,* ***Subsea 7***

• Helge Hagen, Project Manager, **Equinor**, *Aasta Hansteen – A Pioneer in Norwegian Deepwater*

• Richard Agema, Naval Architect, **Royal IHC**, *Increasing Deepwater Pipelay Productivity through the Output of the Firing Line*

• Gianbattista Curti, Technical Manager, **Saipem**, *Challenges and Lessons Learnt from the Design, Fabrication, and Installation of Pipe Walking Mitigations*

Gauiter Dreyfus, CEO, **Forssea Robotics**, and Gary Bagot, Product Manager, **iXblue**, *AGILE LBL: Low-Cost Frame Deployment, Calibration & Recovery*

16:15 - 17:45	**Subsea Reliability and Predictive Maintenance** ***Chair:*** *Jan van den Akker, Technical Authority Controls Systems,* ***OneSubsea - A Schlumberger Company*** • David Saul, Safety and Operational Risk Central Engineering Subsea Technical Authority, **BP**, *Better than New, Enhancing Subsea Reliability on Q204* • Aslaug Melbø, Senior Product Manager, **Baker Hughes, a GE Company (BHGE)**, *Ensuring Safety and Reliability of All-Electric Systems* • Dr. Subrata Bhowmik, Senior Subsea Engineer, **McDermott International**, *DIOT: An Intelligent Predictive Maintenance Strategy for Subsea Structure* • John Goodey, BP Global Subsea Systems Lead Controls and HIPPS Engineer, **BP**, *How do you Shut Down an All-Electric Tree?*
18:00 - 19:30	Evening Reception *sponsored by* Subsea Integration Alliance (OneSubsea & Subsea 7) • Exhibition Hall

Thursday 4 April 2019

07:30 - 16:00	Registration & Badge Pick-Up *sponsored by* magma • Exhibition Hall
07:30 - 08:30	Continental Breakfast *sponsored by* BAKER HUGHES a GE company, MCDERMOTT • Exhibition Hall
08:30 - 10:30	**Finance & Investment and Market Outlook** ***Moderator:*** *Peter Ramsay, Editor,* ***Petroleum Economist*** • James West, Senior Managing Director, **Evercore ISI**, *Dear Oilfield: Time to Deliver Returns* • David Phillips, Managing Director, Head of Equity Research, Developed Europe, Global Research, **HSBC Bank**, *Remaining Competitive in a Rising Tide: Deepwater & Digital Disruption* • Professor Paul Griffin, Special Adviser, Oil & Gas, **White & Case** • Rob West, Head of Energy Research, **Redburn,** Research Associate, **Oxford Institute for Energy Studies**, *Attracting Capital to Deep-Water Oil and Gas? An Analyst's Perspective*
10:30 - 11:15	Coffee Break *sponsored by* AFGlobal • Exhibition Hall
11:15 - 12:45	**Surface, Well and Drilling Technologies** • Youssef AMGHAR, Head of Drilling & Wells Engineering, Deepwater Product Line, **Total**, *Total Exploration Standardization* • Ezenna Okolie, Business Development Manager for SSA, **Sandvik**, *A Global First: Running a Corrosion Resistant Alloy (CRA) Completions Tubing String in Stands of Three Pipes (Triples) Using Dope-Free Technology in a Deep Water Field in Angola* • Dieter Wijning, Product Manager Drilling, **Huisman Equipment BV**, *Field Development Semi-sub with Heave Compensated Drill Floor to Improve Efficiency, Safety and Impact on the Environment* • Antoine PERCHOUX, Head of Drilling and Wells Operations for Deepwater, **Total E&P**, *KEM Initiative in Deepwater Drilling* **Opportunities in Renewables and Floating Offshore Wind** ***Chair:*** *Erik Rijkers, Director - Market Development & Strategy,* ***Quest Floating Wind Energy*** ***Co-Chair:*** *Carl-Petter Halvorsen, VP Business Development,* ***CSUB*** Marie Féron, Project Engineer, **DORIS Engineering**, *Floating Offshore Wind: A Simplified Approach of Aero-Hydrodynamic Coupling to Optimize the Mooring System Design* • Jérôme RIBUOT, Renewable Energy Development Director, **Saipem**, *Innovative Competitive Offshore Energy Production* Evgeniy Dimkin, Marine Engineer, **DNV GL**, *Shared Anchor Solutions for Floating Offshore Windfarms* • Peter Tipler, Renewables Director, **Xodus Group**, *Adding Renewables to Oil and Gas Facilities: Challenges and Opportunities*
12:45 - 14:00	Lunch followed by Dessert & Coffee • Exhibition Hall
14:00 - 15:30	**Technology Qualification and Subsea Standardization** ***Chair:*** *Jan van den Akker, Technical Authority Controls Systems,* ***OneSubsea - A Schlumberger Company*** ***Co-Chair:*** *Kurt Abraham, Editor,* ***World Oil****, Chief Forecaster,* ***Gulf Energy Information*** • Kevin Hunn, Lead Concept Engineer, Global Subsea Systems, **BP**, *Assessing the Value of Subsea Technologies at the Front End* • Daniele Petrone, Subsea Production Optimisation & Asset Integrity Manager, **OneSubsea - A Schlumberger Company**, *uROV – The Next Generation IMR Platform Utilizing Supervised Autonomy* • Ted Fletcher, IOGP-JIP33 Integration Chair, **International Association of Oil & Gas Producers (IOGP)**, *IOGP JIP33 - Standardization of Procurement Equipment Specifications: A Foundational Step Change in Facility Cost and Schedule Reduction* • Matthew Green, Subsea Engineer, **BP**, *Subsea Technology Qualification - Meet the All New API 17Q*

14:00 - 15:30	**Flow Assurance** ***Chair:*** *Phil Cooper, Corporate Development Director,* ***Xodus Group*** ***Co-Chair:*** *Eric Meyer, R&D Deep Offshore – Program Manager,* ***Total E&P*** • Xavier Henneuse, Flow Assurance Specialist, **TechnipFMC**, *Kaombo Field Thermal Performance Test; A New Reference* • Alex Stanning, Senior Project Engineer, **Subsea 7**, *Real-Time Dynamic Management of Heat-Loss from a Flowline in Response to Changing Reservoir Characteristics* • Rune Høstmark, Product Manager, **National Oilwell Varco - Subsea Production Systems**, *Subsea Automated Pigging Solutions to Enable Long Tie-Back Developments* • Christophe Candelier, Flow Assurance Specialist, **Total E&P**, *NADAH: New Approach of Design Against Hydrates*
15:30 - 16:00	Awards & Closing Remarks *sponsored by* MODEC SOFEC • Exhibition Hall
16:00 - 20:00	Exhibition Tear-Down • Exhibition Hall