

SUBSEA
ASIA 2015
5th Asian Subsea Conference and Exhibition

Conference Programme

The Nusantara Ballroom, The Dharmawangsa, Jakarta,
Jalan Brawijaya Raya No. 26, Kebayoran Baru, Jakarta 12160, Indonesia

23-24 November 2015

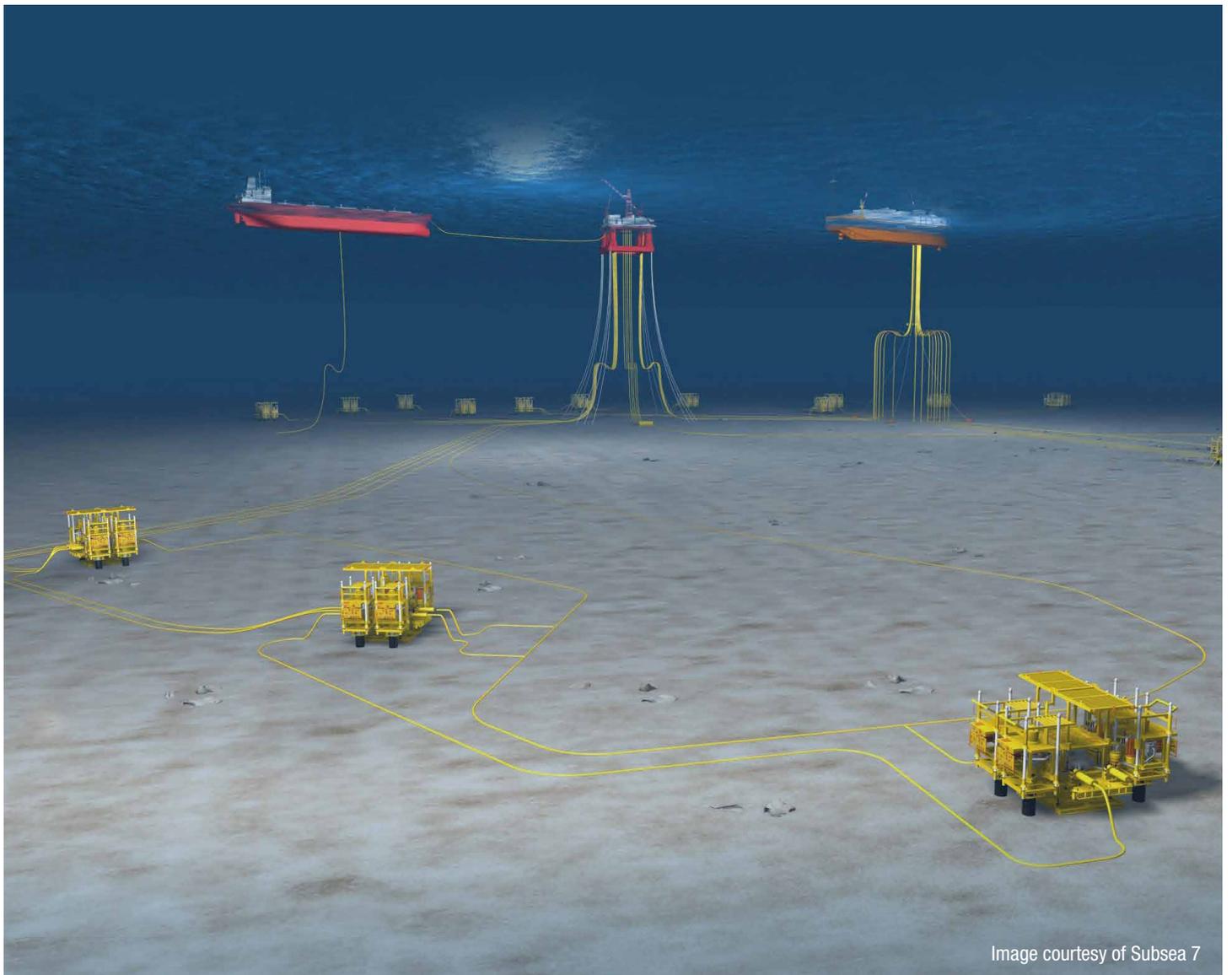


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Conference Programme

Sunday 22nd November

18:30- 20:30 Informal reception/meal for visiting UK companies

Monday 23rd November

09:00 Registration

09:30 Welcome
Neil Gordon, CEO, Subsea UK

09:45 Briefing on Indonesian Regulations in Upstream Oil and Gas

Ms Ida Tota Simatupang, Head of National Capacity Service, Supply Chain Management Division

10:15 Doing Business in Indonesia

Margareth Pohan, Senior Trade & Investment Manager, UK Trade & Investment, Indonesia

10:45 Coffee

11:15 Doing Business in Malaysia

Neil McInnes, Head of South East Asia and Australasia, Scottish Development International

11:45 Doing Business in Myanmar

Timothy Duckett, Deputy Director UKTI, Burma

12:45 Lunch

13:30 Welcome

Neil Gordon, CEO, Subsea UK

13:45 Subsea Utilities are Major System Component for Control & Monitoring of Subsea production Facilities
Wendi Guo, Applications Engineer - Subsea Controls, GE Oil & Gas

14:15 A New Approach to Subsea Engineering – Keep it Simple and Thrive

Michael Lewis, Regional Vice President Sales & Marketing, Proserv

14:45 Tea

15:00 Active Flowline Heating Technologies as Alternative Flow Assurance Management Techniques
Peter Baker, Manager Emerging Technologies, S2V Consulting Pty Ltd

15:30 Selecting the Correct Subsea Choke Valve Technology for Subsea Well & Field Applications

Simon Tattersall, Global Subsea Product Manager/ Sales Manager, Kentintrol

16:00 Educating Subsea Workforce of Tomorrow: Global Subsea University Alliance

Professor Ekaterina Pavlovskaja, School of Engineering, the University of Aberdeen

16:30 One-to-ones

17:30 Networking Reception in Partnership with Scottish Development International

Tuesday 24th November

09:00 Registration

09:30 Welcome
Neil Gordon, CEO, Subsea UK

09:35 Welcome

Ms. Juliet Maric, Deputy Ambassador, British Embassy Jakarta

09:45 Keynote Speech

Mr. I Gusti Nyoman Wiratmaja, Director General for Oil & Gas, Ministry of Energy and Mineral Resources

10:15 Dinar Indriana Khoiriah

Head of Corporate Communications, INPEX Corporation

10:45 Coffee

11:15 Regional Outlook

Jason Waldie, Associate Director (Singapore), Douglas-Westwood Pte. Ltd

11:45 Managing Integrity Status for Large Well Stocks - String Status Reporting

Martin Fatah, Senior Corrosion Engineer, Wood Group Kenny

12:15 Riser & Flowline Intervention Using New Composite Coil Tubing Technology

Donald Ballantyne, Commercial Director, Paradigm Flow Services

12:45 Lunch

13:45 Alternatives to In-Line Inspection (ILI) for Inspecting Offshore Pipelines and Risers

Andreas Boenisch, Group Managing Director, Innospection Ltd

14:15 Structural Monitoring of Subsea Pipelines and Role in Reducing Mitigation Costs

Steven Gauthier, Asia-Pacific Business Development Manager, Pulse Structural Monitoring Ltd

14:45 Tea

15:00 Innovations in ROV Tooling

David Currie, Head of Strategic Development, Subsea Tooling, Acteon Group

15:30 Pressurised Pipeline Repair or Modification; Enabled by Double Block and Bleed Isolation Tools

Dale Millward, Director, EPRS & Subsea Services, STATS Group

16:00 One-to-ones

17:00 Close of Conference



Ms Ida Tota Simatupang
Head of National Capacity Service, Supply Chain Management Division
[skkmigas](#)



Margareth Pohan
Senior Trade & Investment Manager
[UK Trade & Investment, Indonesia](#)



Neil McInnes
Head of South East Asia and Australasia
[Scottish Development International](#)

09:30 - 09:45

Welcome - Neil Gordon, CEO, Subsea UK

09:45 - 10:15

Briefing on Indonesian Regulations in Upstream Oil and Gas

10:15 - 10:45

Doing Business in Indonesia

Speaker Biography

As a sector lead, Maggie directs engagement in the priority areas of energy in Indonesia: Oil & Gas, Power, Environment, Mining and Low Carbon. She is responsible for the development of a country wide strategy to match the UK's strengths with key sectors requirement of World's fourth most populous country. This involves the facilitation of business consortia as well as effective partnering with external organisation and key multiplier organisations in the market, whilst also tapping into the full potential of the Embassy's wider operations in Indonesia.

She is also working with UK and Indonesian government leaders and maintain inter-governmental relationships that facilitate success. On the day-to-day basis, she leads a small team where she coordinates a range of trade support services including advising on market strategy to UK business new to the region and issues faced by those already active in Indonesia.

Maggie has a diverse background covering the area of foreign trade and investment, having spent more than 10 years working as Business Development Manager with a German government agency in Indonesia and a global consulting firm where she managed energy, chemicals, aerospace and public sector accounts. She has a degree in Political Science and an MSc in Economics.

10:45 - 11:15

Coffee Break

11:15 - 11:45

Doing Business in Malaysia

Speaker Biography

Neil McInnes is Head of South East Asia and Australasia for Scottish Development International. Based in Singapore, Neil and his team are responsible for developing trade links between Scotland and South East Asia with a particular focus on oil & gas, renewable energy, education and food & drink. Working in partnership with UKTI and the British Chambers of Commerce, SDI aims to identify new opportunities for Scottish companies in South East Asia, helping them to set up operations in the region or developing partnerships with local firms. Prior to joining the SDI Singapore team, Neil was Head of Communications for Scottish Enterprise and Scottish Development International.



Timothy Duckett
Deputy Director
UKTI Burma

11:45 - 12:15 Doing Business in Myanmar

Speaker Biography

Tim Duckett took up his post as Deputy Director UKTI Burma in March 2015. His responsibilities include leading on the Energy, Infrastructure and Education sectors. Tim is a member of the HM Diplomatic Service and has previously served in Warsaw and Minsk focussing on political affairs and security policy.

12:15 - 13:30 Lunch Break

13:30 - 13:45 Welcome - Neil Gordon, CEO, Subsea UK

13:45 - 14:15 Subsea Utilities are Major System Component for Control & Monitoring of Subsea Production Facilities.

For long-term producing fields the network of subsea utilities delivers communications, electrical power and fluid services – both hydraulic & chemical. Although the technologies are apparently very different from each other - compare, for example, optical comms connector solutions with chemical injection metering valves! – there is a common contribution from all the utilities to the performance envelope for the control & monitoring system.

However, it is often argued that the standardisation of performance & modularisation of functionality that has been achieved over several decades for the major system components – HPUs, Subsea Control Modules, Sensors, Subsea Communications routers, Topsides Controllers, etc – has not been possible for subsea utilities since this is the one area where the field specific configuration – layout of the field and offset from the host facility – has precluded anything but bespoke solutions for each field.

In this presentation we will explore some of the opportunities for cost optimisation and reliability improvement in the area of subsea utilities. These will include:-

- standardisation possibilities from the UMSIRE initiative, with respect to umbilical termination assemblies
- individual monitoring of subsea electrical jumpers for fault location
- efficient installation of hydraulic jumpers
- using electrical actuators to simplify the distribution of fluids around a multi-well template, through a reduction in manifold small-bore piping

Speaker Biography

Currently based in Singapore, Wendi Guo has more than eight years' experience in Subsea Oil & Gas Industry. As a Lead Subsea Controls Engineer working at the front-end, she is responsible for defining and delivering engineering solution for global Operators on major EPC tenders.

Wendi holds an MSc in Communication Systems and Signal Processing from University of Bristol and a BEng (Hons) First Class in Electronic Engineering (Digital Communications) from University of Central Lancashire.



Wendi Guo
Applications Engineer
- Subsea Controls
GE Oil & Gas



Michael Lewis
Regional Vice President Sales
& Marketing
Proserv

14:15 - 14:45 A New Approach to Subsea Engineering – Keep it Simple and Thrive

Radically changing our approach and behaviours is the only, sure and sustainable way to deal with the significantly lower oil price. The frequent reaction to a subsea problem is to call for a complete system change - to "remove the old and replace with new"- when in fact a much simpler and more cost-effective solution is available. In challenging the conventional and driving through simpler but ingenious engineering, Proserv has devised the Subsea Electronics Module (SEM) retrofit, Subsea Control Module (SCM) refurbishment and topside upgrade solutions. The idea is to work round the problem to find the best solution rather than trying to address the particular issue front of face with a single restrictive product offering approach. Often, that may mean focusing on only one aspect of a technology or system that requires attention and layering on, or working alongside the existing system rather than recommending a complete change out. If, on one project, for example, a detailed exploration of the required scope of work found intervention could be eliminated from three or four separate Xmas Trees, the reduction in diving or ROV time alone could be in the region of \$1.5 million.

Proserv's co-exist offering enables field extensions without affecting the existing installed subsea controls system. It negates the need for newly installed apparatus, therefore minimising any production downtime, and maximising the use of existing infrastructure. In this presentation, Proserv will discuss: how making best use of existing infrastructure could revolutionise subsea by increasing production and reducing costs; why subsea operators have it within their power to prosper, even in the current economic climate and give examples of how this approach has worked for operators worldwide.

Speaker Biography

Michael has over 30 years' of industry experience. He has worked in various Senior Managerial positions based in the UK, Middle East, Asia and Australia. His experience in the industry began working in various locations around the world, commissioning control systems offshore and onshore, working for Baker Hughes.

He progressed into Sales and Management positions with Weatherford and Proserv and has held various positions including Regional Manager for Weatherford in the Middle East and Vice President of Sales in Asia for Proserv. Michael is currently based in Perth, Australia, responsible for Proserv's subsea business in the region, as Regional Manager for Subsea Systems.

14:45 - 15:00 Tea Break

15:00 - 15:30 Active Flowline Heating Technologies as Alternative Flow Assurance Management Techniques

Most of the "easy" subsea Oil and Gas reserves have been discovered and are being developed. In the search for future reserves, subsea oil and gas developments are moving into deeper and colder water, often with longer tiebacks. Conventional techniques using chemicals may prove unviable to deliver technically and economically into these environments due to the volumes required and the supply chain logistics involved. Other techniques such as depressurisation can be difficult to operate successfully for long flowlines in colder environments. This has driven the need for a new generation of economical, efficient and easier to operate flow assurance management techniques. To address these more challenging environments, a number of alternative flow assurance management techniques have been developed and are now available to operators. One of these is known generically as Active Flowline Heating (AFH). Rather than using passive insulation, AFH technologies maintain production by heating the flowline wall and transferring the heat to the contents to keep them above hydrate or wax formation temperatures.

Speaker Biography

Peter is the Manager for Emerging Technologies within S2V Consulting, a Perth based consultancy. He has a BSc in Mechanical Engineering, is a Chartered Engineer and Fellow of the IMechE and has over 30 years' experience in subsea engineering.

Peter is keen to see a greater awareness of new and emerging technologies and their incorporation into developments as they move further offshore and into deeper waters.

He has been involved with various active flowline heating technologies for seven years and believes, given the right circumstances, that they offer an affordable and credible alternative to other flow assurance technologies. Peter's paper briefly addresses the most commonly used flowline heating technologies.



Peter Baker
Manager Emerging Technologies
S2V Consulting Pty Ltd



Simon Tattersall
Global Subsea Product
Manager/Sales Manager
Kentintrol

15:30 - 16:00

Selecting the Correct Subsea Choke Valve Technology for Subsea Well & Field Applications

The presentation will cover the decision gates and considerations for sizing and selection of choke valve internal trim designs in general and will also discuss specific considerations for key applications including HPHT fields. We will also discuss what can go wrong if chokes are specified incorrectly.

KKI have been manufacturing Control and choke valves since 1967 with over 500000 valves installed Globally. From a subsea perspective we have been supplying solutions since 1985 which gives us good experience and knowledge as a solution provider.

Speaker Biography

Simon joined KKI in 1995 as a Senior Service engineer Working both offshore and onshore for both Subsea and Topsides equipment. Prior to KKI Simon served his apprenticeship as a Mechanical Engineer within the Design office of Brighthouse Engineering LTD. Simon then worked at Qualtec Controls as a Senior Service foreman. At KKI he was promoted in 2001 to become Aftermarket Choke Valve Service Manager and later Area Sales / application Solutions Manager . He left KKI in 2005 to become International Sales Manager for Copes Vulcan Control Valves, before rejoining KKI in 2007. In his current role he is responsible for Subsea product Strategy and business / product development globally. Simon is also the Sales manager for KKI in charge of the outside sales team for Surface & Subsea products. Simon has more than 25 years' Topsides & subsea Valves engineering experience and has an HNC in Mechanical Engineering.



Professor Ekaterina Pavlovskaja
School of Engineering
The University of Aberdeen

16:00 - 16:30

Educating Subsea Workforce of Tomorrow: Global Subsea University Alliance

The lack of uniform standards in subsea engineering education and recent high demand for the qualified subsea engineers lead to establishment of Global Subsea Universities Alliance in May 2013. The Alliance member universities are currently the University of Houston (USA), the University of Aberdeen (UK), National University of Singapore (Singapore), Curtin University (Australia), University College Bergen (Norway) and Federal University of Rio de Janeiro (Brazil). These Universities joined the efforts in establishing a global subsea curriculum in coordination with companies which operate in the sector.

The vision of the alliance is to be the premier subsea engineering research and education network discovering safe and reliable deep-water solutions enabling and increasing offshore oil and gas recovery. The Alliance aims to expand the provision of subsea engineering education by recruiting other universities.

This presentation will outline the jointly developed core subsea engineering curriculum and will provide an insight in the current work, plans and research capabilities of the Alliance Universities in Subsea field.

Speaker Biography

Professor Pavlovskaja works in the Centre for Applied Dynamics Research in the University of Aberdeen. She has graduated with first class degree with distinction in Mechanical Engineering from St.Petersburg State Polytechnical University in 1996 and obtained a PhD in Applied Mathematics and Physics from the Russian Academy of Science in 1998. Her expertise is in mathematical modelling and the applications she has been working on include novel resonance enhanced drilling technology, rotordynamics (turbines and engines), and riser mechanics. Ekaterina is an author of more than 100 scientific publications including 50+ refereed journal papers. She is founding director of a successful MSc in Subsea Engineering in the University of Aberdeen which was established in 2008. She is currently Director of Postgraduate Teaching in the School of Engineering in the University of Aberdeen. In May 2015 she was appointed as the Director of Global Subsea University Alliance.

16:30 - 17:30

One-to-Ones

17:30

Networking Reception in partnership
with Scottish Development International



09:00 - 09:30

Registration

09:30 - 09:35

Welcome - Neil Gordon, CEO, Subsea UK

09:35 - 09:45

Welcome

Speaker Biography

Juliet spent the early part of her career in the private sector, working for BT for almost ten years and then as a freelance consultant in IT programme management with a specialism in contact centres. She held a number of senior private sector appointments such as Head of IT for Shell Gas and Client Services Director for Kingston Communications before joining the Foreign Office.

Julie's public sector career includes Head of Post and British Consul in Alicante, the Foreign Office's busiest consulate, and two years as the Head of Strategy, Design and Change on the Home Office's Immigration Case Working programme. She then took on the role as Head of the Crisis Management Department in London in December 2011 where she led the Foreign Office response to 34 crises including: the In Amenas and Westgate centre terrorist attacks; the sinking of the Costa Concordia; the shooting down of flight MH17; typhoon Haiyan in the Philippines and the evacuations of British Nationals from South Sudan, Gaza and Libya. She was awarded an OBE by Her Majesty the Queen in the Birthday Honours List 2014 for her work supporting British Nationals overseas in times of crisis. She took up her current post as Deputy Head of Mission in Jakarta in March 2015.

She is married and has three grown up children. She has a BSc in Psychology with post graduate studies in Child Brain Development. She speaks six languages and is also a passionate advocate for disability rights.

09:45 - 10:15

Keynote Speech

Speaker Biography

IGN Wiratmaja was appointed Director General of Oil and Gas in May 2015. He is also a professor at Bandung Technology Institute. IGN Wiratmaja graduated from Mechanical Engineering, Bandung Technology Institute in 1987. He received Master of Science in Engineering Mechanics from University of Kentucky, U.S.A (1994), Doctor of Philosophy in Engineering Mechanics, University of Kentucky, U.S.A (1996), Post Doctoral in Mechanics of Solid & Materials, Dept. of Mechanical and Intelligent Systems Engineering, Tokyo Institute of Technology, Japan (2000) and Post Doctoral in Smart Materials & Structures, School of Aerospace, Mechanical and Mechatronics Eng., University of Sydney, Australia (2002).



Ms. Juliet Maric
Deputy Ambassador
British Embassy Jakarta



Mr. I Gusti Nyoman Wiratmaja
Director General for Oil & Gas
Ministry of Energy and Mineral
Resources



Dinar Indriana Khoiriah
Head of Corporate
Communications
INPEX Corporation

10:15 - 10:45

Keynote Speech

The dynamics of Indonesia's oil & gas deep water has recently changed the landscape of its supply chain and related investments. Due to the scarcity of available subsea equipment and services, there are opportunities to enter the Indonesian market. Despite applicable regulations and low oil price challenges, investment in the deep water development needs to commence to allow the delivery of the various PSC (Production Sharing Contracts) projects in Indonesia. The presentation will cover megaproject profiles, services opportunity, examples of challenges and government support, industry readiness and company representation for Indonesia's deep water fields.

Speaker Biography

Certified International Project Manager (IAPM) with more than 13 years' experience in upstream, midstream/downstream oil & gas projects. Expertise areas include project management, commercial analysis, risk analysis, business & market intelligence, Government relations, Stakeholder engagement strategy and Corporate Communication strategy. Hands on with foreign direct investment establishment for oil & gas industry in Indonesia.

Dinar is currently working for Masela Abadi FLNG Project for INPEX Corporation after spent early years career in BP London, Origin Energy & Royal Vopak.

10:45 - 11:15

Coffee Break

11:15 - 11:45

Regional Outlook

Speaker Biography

Jason heads DW's Singapore office from where he is responsible for the firm's activities throughout the Asia/ Australasia region. Previously he spent four years as Group Head of Business Development for a major energy industry information services provider in Singapore. Earlier posts were with Samsung Corporation and Asiana Airlines in Seoul, Korea. Jason holds a Bachelor's Degree in Economics and Political Science, an MBA from the University of Melbourne and a Master of Energy Management from the Institut Français du Pétrole; ESCP Europe; Handelshøyskolen BI joint programme.



Jason Waldie
Associate Director (Singapore)
Douglas-Westwood Pte. Ltd



Martin Fatah
Senior Corrosion Engineer
Wood Group Kenny

11:45 - 12:15

Managing Integrity Status for Large Well Stocks - String Status Reporting

It has been approximately 10 years since the first movers began implementing what we today consider well integrity management. At that point only the NORSOK standard D010 existed (published in 2003). While things may have been slow to start, the pace of change increased dramatically after the Macondo incident in April 2010. Today industry has pooled its expertise to generate international standards and well integrity has transformed from the province of a few pioneering operators to an everyday activity across the industry. In well integrity management one of the fundamentals is the ability to identify and categorise the integrity status of a specific well. A well's integrity status has a direct link to its associated risks, forms the basis on which integrity decisions are made, impacts long term production and provides a key input to overall field activity scheduling. One approach which has proved effective for determining and categorising well integrity status for operators with large well stocks is the string status report.

Speaker Biography

Martin Fatah is a senior corrosion engineer in Wood Group Kenny with 9 years' industrial experience. He finished his MSc and PhD in corrosion engineering from Universti Teknologi PETRONAS through graduate assistantship programme. Recently, he has 14 published papers either in international conferences or impact factor journals. He also active as one of the reviewer in the Corrosion Science Journal, Jurnal Teknologi Malaysia and Journal of Material Science.



Donald Ballantyne
Commercial Director
Paradigm Flow Services

12:15 - 12:45

Riser & Flowline Intervention Using New Composite Coil Tubing Technology

Paradigm Flow Services are industry experts in the location & removal of subsea blockages & restrictions in risers, flowlines, pipelines & umbilicals. Flexi Coil is a new industry technology based on the principles of coiled tubing to provide intervention options on un-piggable systems that are live and pressurised. Flexi Coil is designed as compact and modular to be deployed at worksites where there is limited deck space, access and restricted deck loading. The use of a composition coil provides significant advantage to negotiating tight bends plus the reduction of friction and abrasion to the parent material. The presentation will feature two case studies. The first is the use of Flexi Coil to remove a 500m sand blockage in a deep water FPSO flexible riser. The second is a decommissioning application where Flexi Coil flushed and de-oiled an un-piggable flowline, then pumped a cement plug to isolate prior to abandonment of each flowline. Each case study required a high degree of technical innovation and overcoming of significant challenges to obtain a successful outcome. The net result was conclusion of a safe operation and significant upside to the end client in terms of cost savings against other alternative methods available. Flexi Coil will be used for further applications in deep water intervention during 2016.

Speaker Biography

Over 25 years' experience in international upstream oil & gas industry. Started as an offshore field engineer with progression through to senior management level. Knowledge gained in drilling, marine & subsea, inspection and technical integrity services for pressure systems and structures. Currently responsible for global business development of Paradigm Flow's unique technologies to solve blockages and restrictions in process and utility flow.

12:45 - 13:45

Lunch Break

13:45 - 14:15

Alternatives to In-Line Inspection (ILI) for Inspecting Offshore Pipelines and Risers

Corrosion is a constant challenge especially in ageing subsea assets. This paper presents the advanced subsea inspection techniques and "unpiggable" tools that have been developed in response to market demands for the inspection of offshore pipelines and risers. Magnetic Eddy Current (MEC) is the next generation of fast corrosion mapping technique using Magnetic Field Controlled High Frequency Eddy Current. With specifically developed Eddy Current sensors, this electromagnetic technique is capable of detecting defects at a higher wall thickness and heavy coating range. A range of sophisticated MEC-Combi Crawlers and Pipescanners incorporating the MEC technique have been designed and built to solve niche inspection and accessibility challenges. Supporting inspection techniques can be incorporated for comprehensive inspection data within a single deployment.

Speaker Biography

With nearly 30 years' experience in the NDT business, Andreas Boenisch is the founder and Group Managing Director of Innospection Ltd. Andreas has been involved in Eddy Current Testing projects since 1993 and joined the management of KontrollTechnik Germany in 1995 with main responsibilities in market development, business and projects.

Andreas has been actively involved in the international business development and technical application development of the SLOFEC™ fast corrosion screening technique to the worldwide process industries including the Oil & Gas industry. His expertise, experience and vision has led the company in the development of advanced inspection technologies and sophisticated equipment branded under the name MEC to solve longstanding and niche inspection challenges.



Andreas Boenisch
Group Managing Director
Innospection Ltd



Steven Gauthier
Asia-Pacific Business
Development Manager
**Pulse Structural Monitoring
Ltd**

14:15 - 14:45

Structural Monitoring of Subsea Pipelines and Role in Reducing Mitigation Costs

Pipeline integrity is a significant risk item during offshore operations, especially as vast lengths of pipeline in South East Asia begin to reach and exceed design life. There is a basic need to control the hazards that lead to failure, helping to improve safety, reduce financial costs and protect the environment. Structural monitoring of subsea pipelines is playing an increasingly important role in inspection, maintenance and repair (IMR) strategies as operators and pipeline owners move towards a more proactive approach to integrity management.

This paper will look at some of the most common causes of mechanical failure of subsea pipelines and what monitoring technologies are available for these types of problems. The paper will finish by describing two case studies where these technologies have been successfully implemented to help mitigate the problems of structural fatigue on subsea pipelines. Unsupported sections of pipeline (spans) can lead to serious concerns for pipeline integrity. Pipeline spans can be natural, for example where the pipeline profile does not conform to the geometry of the seabed. Spans can also be manmade, for example where pipeline sleepers are used to prevent lateral buckling.

The unsupported nature of a span makes it more susceptible to greater motion and bending resulting from vortex induced vibration (VIV) and fluid induced vibration (FIV), resulting in an increase in potential fatigue damage in this section of pipe. Structural monitoring uses reliable subsea data loggers to measure the motion and vibration of pipeline spans. Combined with ADCP current meters, span monitoring systems can help predict a potential failure resulting from fatigue. The collection of in situ, empirical data leads to better understanding of pipeline condition which helps improve decision making when it comes to scheduling inspection and maintenance strategies. Demonstrating a continuous understanding of asset behaviour helps ensure regulatory compliance, and helps provide evidence based knowledge to support field life extension.

Speaker Biography

Steven Gauthier is the Asia-Pacific business development manager for Pulse Structural Monitoring. Steve has a Master in aeronautical engineering from France with experience in project management, tenders and sales. He joined Pulse 4 years' ago in the UK, and has been based in Singapore for the last 2 years'. He has worked on several of Pulse's projects across the EMEA and APAC regions, mainly mooring line and pipeline monitoring.

14:45 - 15:00

Tea Break

15:00 - 15:30

Innovations in ROV Tooling

The presentation covers the advancements that have been made in intelligent ROV tooling, standardised connections, intelligent vale pack pre configurations to enable the ROV to carry out multiple tasks without having to recover to surface to reconfigure.

Speaker Biography

David Currie is the Head of Strategic Development for Subsea Tooling at Acteon Group Ltd. Previously working for Acteon Company, Seatronics as Group Managing Director, a post he held for 12 years.

He developed Seatronics into an international business with offices positioned in five countries. In 2013, David managed the acquisition of an Aberdeen based ROV Tooling and engineering company, now called J2 Subsea Ltd to add to the Acteon Group capabilities. J2 Subsea has started an international growth plan, recently opening a facility in Houston and Singapore soon to follow. In addition, J2 Subsea provide manipulator rentals and service, ROV tooling rental and innovative tooling solutions that will offer true costs savings to the ROV industry.

David has more than 30 years' experience in the Offshore industry, originally working for Oceanics as an Offshore engineer before starting his first business Scantron Ltd in 1990 that merged into Seatronics in 2000.



Dale Millward
Director, EPRS & Subsea
Services
STATS Group

15:30 - 16:00

Pressurised Pipeline Repair or Modification; Enabled by Double Block and Bleed Isolation Tools

Pipeline intervention and isolation methods used to facilitate pipeline repair or modification; while the pipeline is pressurised and potentially without ceasing production. This presentation will describe pipeline isolation tooling and techniques that enable safe repair or modification of pressurised pipelines. Double block and bleed pipeline isolation methods will be explained for piggable and unpiggable pipeline systems. Examples will be presented highlighting the benefits of double block and bleed pipeline isolation and how they are applicable to scenarios such as: Emergency pipeline repair; Retrospective installation of pigging facilities – making unpiggable pipelines piggable; Removal and replacement of a pipeline section, or a deadleg; Installation, repair or replacement of pipeline valves (Subsea Isolation Valves, Emergency Shutdown Valves, PLR isolation Valves); Pipeline infrastructure development - new pipeline tie-ins into existing pipelines; Decommissioning, disconnection or retirement of pipeline sections or deadlegs concluding with recent case studies where double block and bleed isolation has facilitated repair or modification without affecting pipeline production flow.

Speaker Biography

Dale has worked in the pipeline and subsea intervention industry since 1992 with involvement in subsea construction, commissioning, repair, isolation, maintenance and decommissioning projects. He graduated from the Robert Gordon University in Aberdeen with a B.Eng (Hons) in Mechanical and Offshore Engineering. He worked as a subsea Engineer as the Client's Representative on diver and WCROV projects and is an IMCA certified Technical Representative. He joined STATS Group in 2005 and has been involved in the design, development and delivery of bespoke engineered pipeline isolation, repair and recovery solutions.

16:00 - 17:00

One-to-Ones

17:00

Close of Conference



David Currie
Head of Strategic Development,
Subsea Tooling
Acteon Group

Subsea UK

Subsea UK is the champion for the UK subsea industry. We act for the entire supply chain bringing together operators, contractors, suppliers and people in the industry.

With over 53,000 employees, worth £8.9 billion in services and products and with over 750 companies, the UK subsea industry sector leads the world in experience, innovation and technology. The UK will maintain a leading technological edge by sustaining and expanding this important business sector.

Upcoming Events:

Subsea Integrity & Efficiency Conference 2015

01 December 2015

Subsea UK's AGM

03 December 2015

Offshore Engineering 2015

07-08 December 2015

Lunch and Learn with Bibby Offshore

14 January 2016

How the Supply Chain Works for You

26 January 2016

Subsea UK Awards Dinner 2016

03 February 2016

Subsea Expo

03-05 February 2016

AOG: Stand Space with Subsea UK

24-26 February 2016

Please visit our website for details of forthcoming events.

www.subseauk.com



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