An introduction to IOGP’s Committees and their activities

The following pages provide a brief overview of IOGP’s 14 Committees, their key activities, recent highlights, and work streams for the coming year.
Arctic Committee
Chair: Catherine Jahre-Nilsen (Statoil)

What does the Arctic Committee do?
A technical and advocacy focal point for E&P industry in Arctic and cold climate areas, comprising company representatives with roles across advocacy, technical and non-technical risk. The Committee:
• works to secure responsible licence to operate within a competitive framework for commercial activity
• monitors and reviews policy frameworks, regulatory and pressure group activities
• provides outreach of industry experience and position towards regulators and Arctic Council.

2017 Highlights
• Advocacy to EU bodies regarding matters of Integrated Arctic Policy and Ocean Governance
• Influence of final EPPR COSRVA study, participation in Arctic Council PAME workshop and advocacy of ART JIP study work
• Assessment and response to standards organizations regarding new work under ISO TC67/SC8

Value proposition
NGO’s continue to drive stakeholder opinion without facts. There are signs that political and regulatory communities are taking a more cautious approach to development of Arctic resources, as seen at national level, regional level as well as cross-border e.g. the United Nations, the Arctic Council.

The committee aims to keep the Arctic open for business, with a competitive framework and social licence to operate, and to mitigate challenges from both governmental and stakeholder groups that wish to close the region to the oil & gas industry.

Work items for 2018
• Lead development of information resource with Environment Committee and IPIECA integrating existing industry OSR practices with ART and OSR JIPs
• Follow Arctic Council activities for selective engagement, notably after acceptance of other NGOs as observers
• Contribution to Arctic Economic Council WG on Energy
• Engage with Arctic Offshore Regulators Forum to bring industry projects and competence to the fore
• Seek cross-company experience and respond to specific policy challenges affecting future commercial licence to operate

Chair’s message
The Arctic has been, and will continue to be, a focus for industry, governments, academia, and the NGO community. Industry’s licence to operate depends on science-based frameworks supported by operational practices and appropriate standards to ensure safe and sustainable industry activity.

Facts are increasingly hard to find amongst social media opposition, yet this opposition continues to build momentum. The importance of good practices and advocacy on behalf of industry is an increasingly critical component for success.

For more information visit www.iogp.org/arctic-environment
Communications Committee
Chair: Colin Joyce (Shell)

What does the Communications Committee do?

• We work with Committees to help raise the level of awareness of technical reports and advocacy materials, improve implementation rates and increase Member participation.

• We focus on four main areas: awareness, implementation, participation, and advocacy resources.

2017 Highlights in brief

• Managed communication to Members via the website, Highlights newsletter, email messaging and social media campaigns.

• Outreach included a campaign to increase membership and participation amongst American Members and potential members.

Case for Oil and Gas communication

Global
Communication: Continuously inform about oil and gas benefits; I) Of the week; II) Opinions; III) Global Energy Briefs; IV) Production Report
Engages with: United Nations (ICOPet); International Forums (OECD, Financial Institutions, World Bank); Energy Forums (IEA)

EU
Communication: Dossiers on current EU matters, Exploration and Production report, NERA report
Engages with: EU Commission; EU Parliament; EU Council; other EU stakeholders

European Countries
Communication: Cross Country Outreach (develop once - use often, opinion surveys, translations)
Engages with: NOIA’s home country outreach; Home country EU parliamentarian; Home country EU council; EU countries without NOIA presence

Case for Oil and Gas engagement

Global Case for Oil and Gas
Lead: GEM, Com Committee
Bud. £300k for 3 years
Sweat equity

EU Brussels
Communication: Dossiers on current EU matters, Exploration and Production report, NERA report
Engages with: EU Commission; EU Parliament; EU Council; other EU stakeholders

European Countries
Communication: Cross Country Outreach (develop once - use often, opinion surveys, translations)
Engages with: NOIA’s home country outreach; Home country EU parliamentarian; Home country EU council; EU countries without NOIA presence

Case for Oil and Gas achievements (as of September 2017)

Communications
• Numbers of the week: 56
• Opinions published: 26
• Global Energy Brief: 6
• Oil’s many uses: 10 languages
• Standard presentation finalized

Internet / social media
• About oil and gas section added
• Twitter Followers: ~12,000
• LinkedIn: 2,200+
• Facebook page established
• Wikipedia: updated IOGP entry
• IOGP Brussels Twitter created

Direct engagement & NOIAs
• Int’l O&G Associations: 7
• NOIAs: 7
• Contacts for 1:1 engagement: 7 (incl. CoE portfolio mgr & PoW’s climate change advisor)
• Input to IEA WEO (via IPIECA), B20 (via ARPEL) and applied for COP24

Licence to operate

For more information visit www.iogp.org/communications
Decommissioning Committee

Chair: Win Thornton (BP)

What does the Decommissioning Committee do?

- The Decommissioning Committee has traditionally supported North Sea operators in the 5 year review of OSPAR 98/3
- Acknowledging that decommissioning has become global, material and imminent, the Decommissioning Committee is broadening its view beyond OSPAR
- The Committee seeks opportunities to collaborate more broadly with other standing committees to develop our decommissioning view and expertise
- Relevant decommissioning topics to include well P&A, facility removal and stakeholder issues on disposal and end state

Work streams for 2018 and beyond

- Provide industry technical and strategic input into OSPAR 98/3 review process
- Articulate industry intent to maintain option to derogate footings for jackets greater than 10,000 tonnes
- Provide forum for industry sharing on decommissioning
- Acknowledging that decommissioning is now a part of base business, identify key decommissioning issues and cost drivers that can be matured to add value or minimize costs

2017 Highlights

- Provided IOGP Member input into OSPAR 98/3 Decision for 2018
- Collaborated with Oil & Gas UK to deliver broad industry input to UK regulator
- Participated in ICG for OSPAR 98/3
- Updated and issued Overview of Offshore Decommissioning Regulations
- Issued first Overview of Well P&A Regulations
- Held subject matter expert review and critique of legacy Concrete Gravity Base (CGB) document. Identified industry learnings and progress since original draft and developed update plan

Work items for 2018

- Provide IOGP Member input into OSPAR 98/3 Decision for 2018
- Collaborate with Oil & Gas UK to deliver broad industry input to UK regulator
- Develop communications material in support of the IOGP position for OSPAR 2018
- Develop broader view of decommissioning issues beyond traditional OSPAR with focus topics and sponsors
- Initiate regional engagement strategy for decommissioning beyond the North Sea basin
- Improve understanding of non–industry stakeholders to offshore decommissioning

Chair’s message

2018 is an important year for decommissioning. The OSPAR Commission is conducting its quinquennial review of the derogation categories for large steel piled jacket structures and concrete gravity based structures. To date, relatively few large installations in the North Sea for which a case for derogation might be made have ceased production and entered the decommissioning phase. A substantive change to the derogation categories would have major safety and cost implications for industry [and government].

Beyond OSPAR, it is important that industry begins to consider decommissioning as part of life of field planning and operations. A goal of this committee is to be an agent for change in this space.

For more information visit www.iogp.org/decommissioning www.iogp.org
Environment Committee
Chair: Paola Pedroni (Eni) and Dina Kuykendall (Baker Hughes, a GE company)

What does the Environment Committee do?

- Develop and promote good environmental practice
- Sponsor and undertake scientific research to develop appropriate risk management approaches
- Proactively develop and advocate the industry’s position in response to changing regulations
- Engage with regulators and relevant stakeholders to raise awareness and improve our reputation.

Work streams for 2018 and beyond

- Assimilate trends and adjust our five-year strategy
- Review and continuously improve Environmental Performance reporting
- Promote uptake and effectively communicate our EC products
- Collaborate with IPIECA and other organisations in key areas: Biodiversity, Water, Climate Change, Oil Spill Preparedness and Response
- Anticipate and respond to increasing expectations of shareholders and stakeholders

2017 Highlight

Report 580: Understanding induced seismicity associated with oil and natural gas operations
- Earthquakes can be induced by oil and gas operations in adverse geological conditions
- Industry has dealt with induced seismicity for decades using risk management approaches that effectively mitigate hazards associated with potential induced seismicity
- This peer-reviewed report is an informative tool for regulators and technical audiences and responds to stakeholders most frequently asked questions on induced seismicity

Work items for 2018

- Update of Report 254: Environmental management in oil and gas exploration and production (joint IOGP/IPIECA/UNEP report)
- 2017 Environmental Performance Indicators Report
- Operational guidance for Methane measurement and reporting
- Workshop on Energy Efficiency benchmarking indicators
- Tool box of communication materials on Sound & Marine Life issues and guideline for risk management in offshore seismic activities
- Communication on key environmental topics such as NORM, induced seismicity, drill cuttings management

Chairs’ message

We provide business value to IOGP Members by protecting our Licence to Operate through identifying and proactively addressing environmental issues.

We focus on three priority areas:
- Retaining and gaining ACCESS to hydrocarbon resources
- OPERATIONAL EXCELLENCE in environmental management
- ADVOCACY AND OUTREACH to our members and external stakeholders

For more information visit www.iogp.org/environment
EU Committee
Chair: Olaf Aamild Syversen (Statoil)

Work streams for 2018 and beyond
- Energy & Climate
- Safety
- Environment & Health
...in a cost reduction environment

Work items for 2018
- Offshore Safety Directive revision
- Participating in Clean Power objectives ("make power clean")
- Remaining O&G potential in Europe
- Innovation Fund: CCS
- Gas advocacy – Methane emissions
- Carbon disclosure – sustainable finance
- Strategical Environmental Assessment
- 2019 Spring EP Election

What does the EU Committee do?
- We promote E&P in the EU and the sector’s role in the energy transition
- 10 WGs, supporting advocacy towards EU institutions, NGOs, think-tanks, etc
- Making the case for O&G in realizing the European "Energy Union"

2017 Highlights
- Improved O&G perception: EU Ocean Summit
- EP Resolution on the Arctic: no E&P ban
- Hydrocarbons "Guidance": from 40 down to 25 files!
- GasNaturally: enhanced profile [SNAM CEO as President]
- "Energy Winter Package" Policy
- WoodMac study on O&G resources potential

For more information visit www.iogp.org/eu
Geomatics Committee

Chair: Walter Jardine [BP]

Geomatics support during the upstream oil and gas life cycle

Access • Exploration & Appraisal • Development • Production • Retirement

Survey and Position Integrity and Geospatial Data Management Across the Full Field Life Cycle

What does the Geomatics Committee do?

The Geomatics Committee provides global guidance for the survey & positioning and geospatial data management disciplines.

It aims to help IOGP Members by: developing and disseminating good practice, providing a forum for exchanging knowledge, influencing regulators and standards organizations, maintaining international position data exchange formats, data models and a global geodetic parameter dataset (EPSG), liaison with industry associations.

Work items for 2018

Major update of EPSG model to maintain compliance with ISO 19111
Deliver joint IOGP/Petronas 8th Geomatics Industry Day (Autumn, Kuala Lumpur)
Geomatics advocacy with standards and regulatory bodies (ISO, OGC, SEG, NDR etc.) to promote adoption or improvement of coordinate data and reference system standards
Subcommittee and Task Force activities:
• Major revision of 373-04 Report to deliver guidance on time-dependent coordinate reference systems used for precise positioning
• Develop new Land Survey (GIS) Data Model
• Develop new Offshore Survey (GIS) Data Model
• Develop new Common Industry Technical Specification for the Calibration & Verification of USBL positioning systems (pilot project)
• Major revision of P7 wellbore survey data exchange format
• Revision of GIGS documents and test data sets (anticipated completion in 2019)
• Provide support to IOGP Environment Committee on Remote Sensing technology for environmental monitoring and management
• Cooperate with IPIECA Oil Spill Working Group on developing Surveillance, Modelling and Visualization (SMV) and Common Operating Picture (COP) strategy in delivering two workshops
• Cooperate with IMCA's Offshore Survey (GIS) Data Model

Business value of Geomatics in the Oil & Gas Sector

Operational Efficiency
• Accurate real-time positioning and spatial data acquisition for:
  geophysical surveys, rigs, vessels, wells, moorings, infrastructure installation, integrity management and other field operations, late life & decommissioning activities
  • Informed and competitive business decisions – spatially accurate, high quality operations
  • more efficient, lower risk, trusted data

Risk Reduction
• Reduced operational risk
  • Improved emergency response
  • Compliant with regulatory requirements
  • Correct legal boundary definitions
  • Improved spatial integrity during data transfer and manipulation

Business Value
• Accurate GIS, Field and Project Charts, Common Operating Picture and Geospatial Analytics for:
  • Licences, Seismic, Wellbore, Infrastructure, Geohazards, Environmental, Imaging
  • Contextual, Cultural, mobile asset tracking and interpreted products

For more information visit www.iogp.org/geomatics

2017 Highlights

• Organised joint IOGP/Statoil 7th Geomatics Industry Day
• Active participation in 19111 ISO/TC and OGC CRS Domain Working Group
• Met with Regulators at National Data Repository in Stavanger to promote IOGP Geomatics standards, positioning data exchange formats and guidelines
• Major advocacy with Angolan regulator on offshore coordinate transformation mechanism, avoiding estimated $Millions of data re-processing costs
• Provided expert feedback to IMCA’s Offshore Survey Division Guidelines
• Released SSDM version 2 and supporting documentation
• Released revised Guidelines for the conduct of offshore drilling hazard site surveys
• Still to be released in 2017:
  - new Guidance Note on Vertical CRSs aimed at data managers and software developers
  - updated and new (respectively) OGP P1/11 and P6/11 User Guides

For more information visit www.iogp.org/geomatics
What does the Health Committee do?
Develops global health guidelines to improve health and safety performance in the oil and gas industry:
- Identifies and shares best practices
- Monitors, assesses, and as appropriate responds to health related developments
- Informs policy and/or external stakeholders pro-actively and credibly on health related issues.
Runs jointly with IPIECA: including downstream issues
Relies solely on Members to complete work

Work items for 2018 include
- Consolidation of the entire fatigue management suite of documents
- Develop and contribute to an online database of local health facilities
- Revise Report 343, Managing health for field operations in oil and gas activities incorporating a risk based approach and updates in telemedicine and evidence-based recommendations
- Promoting human performance as business value (incl. mental health, job satisfaction, operational/ non-operational factors, stress levels)

Since we last met

Share your thoughts on how we can improve

Health is a major precondition for a safe and efficient oil and gas industry
Safety performance has improved dramatically over the last 20 years – can we do the same to protect and improve the health of the workforce

For more information visit www.iogp.org/health
Develop industry standards and positions on legal areas in common for international upstream companies such as:

- Due diligence
- Anti-corruption
- Global sanctions
- Offshore pollution regulations and liability.

Advisory group within this area to IOGP Management Committee or other IOGP committee, work group or similar.

Advice to the Association on a range of special resolutions to be adopted by the Annual General Meeting

Further advice on international sanctions reflecting the differences between the drafting of EU and USA sanctions

Support to the IOGP “Standards’ solution” process

Within the frame of the Terms of Reference, emerging areas that need legal attention from an upstream perspective:

- Emerging EU directives and policy instruments
- International conventions and agreements
- Climate change implications for the upstream sector
- International convention, regulation and similar within:
  - Offshore pollution
  - Climate
  - Anti-corruption and transparency
  - Human rights.

Finding common solutions, positions and standards within the legal community contributes to a sound and efficient legal upstream environment.

What does the Legal Committee do?

Chair: **Catherine Marchand Støle** (Statoil)

Chair’s message

2017 Highlights

Work items for 2018
What does the Metocean Committee do?

- Provides a focal point for communicating industry’s requirements to global and regional metocean data archiving, data analysis and metocean forecasting organizations
- Leads the offshore industry in applying new metocean techniques in offshore structure design and operations
- Provides critiques of existing and proposed rules and regulations of government agencies and certification societies
- Develops relevant metocean standards in safety and engineering, and metocean operational standards to reduce weather related risk
- Provides guidance on how to understand and quantify risks associated with climate change
- Provides a forum for the discussion of on-going regional metocean projects relevant to the oil industry and, where appropriate, plays a role in initiating such projects to be undertaken by industry and/or governments

2017 Highlights

- Provided support to IPIECA Climate Change Adaptation Roundtable in Houston
- Developed proposal for joint IOGP, WMO-IOC Joint Technical Commission for Oceanography and Marine Meteorology (JCOMM) and World Climate Research Programme (WCRP) 2018 Workshop dedicated to Climate variability, change and uncertainty and its application to the oil and gas industry
- Developed proposal for West Africa Metocean Network to help improve the safety and efficiency of operations in the region, these include aviation, marine, diving, transport and other onshore and offshore
- Delivered two JIPs Metocean Weeks to discuss ongoing projects and studies supported by the Metocean Committee, as well as opportunities for new Metocean Industry Programmes

Work items for 2018

- Organise joint IOGP/JCOMM/WCRP Workshop on Climate variability, change and uncertainty and its application to the oil and gas industry (coordinated with IPIECA Climate Change WG)
- Findings of the Climate Change Workshop to feed into development of adaptation strategies to manage the physical risks of climate change (potential for inclusion in new IOGP Metocean Report and standards such as ISO19901-1)
- Develop jointly with IOGP’s Aviation Subcommittee guidelines to improve the quality of present weather conditions reported to support offshore helicopter operations by use of automated real-time metocean systems (subject to MC approval)
- Establish new Network for West Africa Metocean to tackle weather related challenges for operations in the region (subject to MC approval)
- Continue the support of active Metocean projects and studies, and work to align new JIPs within the IOGP framework

Active projects and studies supported

- CASE: developing new tools and technology for characterization of deepwater currents in the Gulf of Mexico
- DEEPSTAR: technology development forum focused on creating value in the development of deepwater assets
- LOADS: extreme wave modelling to provide practical recommendations for the wave heights and crest heights to be used in (floating) platform design
- LOWISH: depth-limited shallow-water waves modelling
- NEXT: North Sea and Norwegian Sea long-term metocean hindcast studies including wave and wind modelling
- NIFAST: nonlinear internal waves (solitons) modelling
- SEAFINE: development of wind and wave hindcast on a fine grid of the southern part of the South China Seas

For more information visit www.iogp.org/metocean
We are working to eliminate fatalities and fatal incidents in our industry

Analysis of the 29 fatal incident descriptions reported in 2016 indicates that at least 58% relate to the IOGP Life-Saving Rules (73% in 2015).

Number of fatalities and fatal accident rate (2007–2016)

Figure 1 from ‘IOGP Safety Performance Indicators – 2016 data’

Struck by 20%
Pressure release 2%
Falls 4%
Explosions/burns 18%
Caught between 12%
Confined space 4%
Aviation accident 38%

Percentage of fatalities by incident category (2016)

Figure 5 from ‘IOGP Safety Performance Indicators – 2016 data’

Work items for 2018 include

- Publish the 2017 data for: Safety Performance Indicators, Process Safety Events, Motor Vehicle Crash and Aviation
- Revitalize the IOGP Life-Saving Rules (£30,000)
- Complete the review of the Risk Assessment Data Directory (£20,000)
- Maintain the Aviation pre-audit questionnaire database (£5,000)
- Run the Outstanding Young Professional Award 2018 and attend SPE HSSE International conference

Committee running costs (hosting of workgroups in the London office, hosting of teleconferences, printing, production and promotion of materials, etc.) are £5,000
The Security Committee takes a holistic approach to security and equally considers information, personnel and physical security in order to provide best practice guidance to comprehensive security risk management across the industry. It provides guidance in all areas of security risk management and creates links with bodies such as the EU Commission, IASG, IADC, API, etc. Such contacts encourage the sharing of information and good practices.

What does the Security Committee do?

2017 Highlights

- API-IOGP Cybersecurity Europe Conference, June 2017
- Infographics: Security is important; Security Committee work; and IOGP report 512 Security Management System
- Video: Security Committee promotional video
- IOGP/API/IADC Information security position paper
- 2017 SPE HSESR Conference Security Panel Session: Rob Ream [BHP Billiton], Security Committee Vice Chair
- Article on ‘Why Security is important and how threats have changed in the past five years’

Chair’s message

As many parts of the world continues to see volatile and unpredictable security environments, the role of our industry’s Security Departments becomes even more critical enablers to achieving successful project delivery and/or production availability targets.

Incorporating security technology into plans is often a force multiplier and smarter use of security data can provide significant business benefits; swipe data from access control systems can be leveraged to manage building occupancy, linked to safety certification or assist with mustering in emergencies.

Work items for 2018

- Insider threats mitigation guideline
- An article with recommendations that should be considered by E&P companies in order to strengthen the security training of their workforce
- An article with recommendations how to prevent industrial control systems compromise, including access control
- Publications revision circle

For more information visit www.iogp.org/security
What does the Standards Committee do?

IOGP Standards Committee supports the development of international standards for our industry, identifies areas where new standards are required, works with standards bodies and regulators globally.

Provide (JIP33) harmonized IOGP equipment specifications for procurement to be considered by operating company members replacing their own company specifications.

Operate the Standards Solution, which provides a legally compliant platform for international standards to be developed.

Support 7 subcommittees and several task forces.

International standards
- ISO standards (at present about 110) will continue to be maintained as normal under the IOGP Standards Solution.
- ISO/API co-branded standards (80) initially based on an API standard gifted to ISO. API is currently de-co-branding many of these and will issue API only standards. To make these international standards, ISO will create (Supplementary) standards using the normative reference approach (Referencing API), by using the IOGP Standards Solution to keep them aligned. This will provide basis for continued global use and adoption locally worldwide of these standards, including by CEN in Europe.
- New ISO standards:
  a) Where we agree to internationalize existing standards (DNV GL, NACE, NORSOK etc.) - merge the standards or use ISO Supplements with normative reference, worked through the IOGP Standards Solution.
  b) Where operators want a new standard because a relevant standard doesn’t exist.
- IEC standards will be maintained and new standards developed as normal with IOGP support.

2017 Highlights
- WEF supported JIP33 Phase 1 proved the concept of common specifications across the industry
- Engineering Leadership Summit actively engaged
- Operators position and key messages on standards published
- JIP33 Phase 2 launched to develop 9 joint operator specifications for line pipe, air compressor package, offshore cranes, centrifugal pumps, subsea trees etc.
- Standards Solution procedure revised to comply with ISO request
- Standards Solution delivered 18 draft ISO standards
- Global Material Certification scheme Task Force established
- Operators Preferred Standards Task Force established
- Offshore Structures Joint specification work established

Work items for 2018
- Step up JIP33 to deliver 40-50 more joint specifications within 2020
- Work with WEF, CEOs and engineering leaders to implement a cultural change
- Communicate strategically on value of standardization
- Work with Standards Organisations to update their standards
- Maintain the Standards Solution to support the development of International Standards
- Promote IOGP’s position and key messages on standards confirming IOGP’s role
- Develop list of operators preferred standards
- Step up digitising requirements
- Collaborate with other IOGP committees

Work streams for 2018 and beyond
- Continue JIP33 work
- Provide Engineering Leadership
- Support International Standards development
- Maintain Standards Solution
- Push for alignment on preferred standards
- Maintain close communication with Standards Developing Organisations
- Network to build excellence
- Experts experience sharing
- Digitising requirements

For more information visit www.iogp.org/international-standards
Subsea Committee
Chair: Roald Sirevaag (Statoil); represented by Peter Blake (Chevron)

What does the Subsea Committee do?
Subsea Committee is a unique forum that helps IOGP member companies to have an open and constructive dialogue on the diverse challenges, issues and opportunities associated with the committee’s objectives.

The remit of the Subsea Committee includes SURF (subsea facilities, umbilicals, risers and flowlines) and subsea part of export systems [e.g. pipelines, risers]. The scope of work encompasses design, manufacture, installation, operation and decommissioning – including integrity, reliability, production efficiency and obsolescence of the facilities over their entire life-cycle.

Work streams for 2018 and beyond
- Identifying areas for HSSE improvement and developing industry guidance
- Supporting subsea standardisation, simplification and industrialisation; including being custodian for JIP33 5561 and assisting establish other industry initiatives and global standards
- Championing subsea system value creation through lifetime extension; including production efficiency improvement, benchmarking performance, fostering sharing of lessons learned and creating industry best practice.

2017 Highlights
- Report 582 – Emergency preparedness for subsea major scenarios; to be published
- Commenced work on S561 Rev 3
  - Successful workshop with main suppliers discussing the way forward with respect to both further standardization and prioritized further technology development
  - Working with API 17 committee to identify those elements of S561 Rev 2 which will be included in API17D Rev 3
- Established Subsea – Flexible Pipe Life Extension Network
- Established liaison with Wells Expert Committee

Chair’s message
The business setting the last few years have allowed the industry to take several rounds of scrutiny on our practices and have proven that clear possibilities for simplification, standardization and industrialization have been ripe for harvesting.

Building on this collaboration between operators and suppliers – further possibilities including new technology needs to be pursued to keep our industry competitive.

Subsea Committee support JIP 33 work
- Issued S561 Rev 2, including S561Q and S561D
- Following studies were completed and given to JIP 33 for consideration
  - IOGP Standard Tree Configuration. Vertical Concentric Mono-Bore Tree, with THS.
  - API 17D Annex M / IOGP S-561 Data Sheet. IOGP Standard 5x2 Vertical Concentric Mono-Bore Tree, with THS

Simplification & Standardization enables effective industrialization
- A 20% improvement on each of the S, S and I dimensions have a potential for an overall 50% cost reduction (0.8 x 0.8 x 0.8 = 0.51)

Work items for 2018
- Complete Revision 3 of S561 technical, quality and documentation requirements and associated “top down” tree configurations in association with JIP33
- Collation of industry lessons and guidance for operational integrity and life extension on Flexible Pipes
- Benchmarking of underwater Inspection, Maintenance and Repair times and methods – identifying barriers to implementation of new technologies and recommending best practices.
The purpose of the Wells Expert Committee is to improve well Operators’ effectiveness in the prevention and mitigation of high consequence well control events throughout the well life cycle, but particularly during well construction and well work, recognizing that such events pose the highest global risk to safety, to the environment, and to the industry’s license to operate.

The WEC develops and implements strategies to address key industry gaps or issues by leveraging its global coalition of well operators and influencing contractors, industry associations, regulatory bodies and other key stakeholders accordingly.

WCSSC is planning from 2018 onwards:
• Support for the roll out of BOP Personnel testing and credentialing – launch assistance funding
• I-BOP and Kelly cock reliability (using TOI lessons learned) – funding for technical author for guideline
• Continued work with WCI & BOP JIP issues for Lessons Learnt guidelines; technical author guideline funding
• Response to Mud Gas Separator GIRG report recommendations / gaps in 2017 MGH work; research funding and technical report.
• FEA predictive modeling using Shear data – funding to review providers and compare models with actual data
• Well control issues related to well abandonment – technical report / guideline
• Well Control issues as related to Workovers and Interventions systems - technical report funding
• Review Early Kick Detection (EKD) technology – research funding

SWRSC SC will make gap assessment against the global capabilities document and determine if additional equipment or resources are needed.

CTSC will develop non-technical behavioural markers evaluation template (for well roles) and contract for converting WCI Alert material into well control training material (joint project with WCI)

Liaison membership from WEC to the Standards committee and P&A community

Learning from incidents: WCI has published 7 alerts this year. Another 2 alerts are planned to be shared.

IWSN is planning to publish an Information letter on worst case discharge and Well Integrity management self-assessment checklist

SWRSC Subcommittee was established: group developed a catalogue of current global systems

CTSC: Don Smith presented Human Performance at SPE Offshore Europe Conference; Report 503, Introducing behavioural markers of non-technical skills in oil and gas operations (joint CTSC & Safety HFSC)

WCSSC: BOP RaPID – S53 JIP; BOP Shear Ram JIP. Group is planning to publish Guidelines on the Prevention of BOP Control Tubing, Hose and Fittings. Engaged with regulators.

Chair’s message

We have a focused agenda driven by the events and issues we see in our industry.

Our community continues to contribute, be engaged and work at these issues by development of products & solutions.

Visibility and connection with the industry associations, such as IADC and IWCF, continues to be a key area of collaboration, one we will continue working at.

The 2018 program maintains this focus while also adapting to the feedback from IOGP membership, WEC Well Control Incidents subcommittee and risks in the industry.

For more information visit www.iogp.org/well-safety
Get in touch

If you have an enquiry or would like to get in touch, see below for the best person to contact.

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