

	Agenda Topic	Presenter	Action Point
	Day 1: 15 April, 2014		
1.	<u>Safety Briefing, Welcome, Introductions</u> Opening from Chevron (host) – Scott Baker	Randy Ingram & Vicki Huebler	
2.	<u>Minutes and Action Items from April Meeting</u> Randy presented on the highlights from the September 2013 meeting in Dubai and the status of key action items since then. Some of the highlights included: <ul style="list-style-type: none"> • Temporary Accommodation TF (OGP) • Security (Control Risks Presentations) • Amplemann Personnel Transfer System • Guidelines for Small Boat Training & Competency • Personnel Transfers at Sea workgroup (OGP) • Underestimating Risk (WG) • Desert Seismic Operations Panel Discussion • PAM Field Trials in S. Africa • Sound & Marine Life Workgroup guidance on Use of Towed Passive Monitoring during Geophysical Operations <p>*See presentation from Randy for further details.</p> <p>All action items from the Dubai meeting have been closed. One of the action items worth mentioning is that an IAGC workgroup for explosives tracking to address upcoming U.S. Regulations has formed and other interested parties (including OGP members) can join. The priorities of the U.S. ATF have changed and the expected release of new regulations has been pushed back to an unknown release date.</p>	Randy Ingram & Vicki Huebler	
3.	<u>Overview of OGP Workgroups</u> Randy provided an overview of the 13 OGP Committees and identified where the Geophysical HSE Subcommittee fit under the OGP Safety Committee. The active workgroups of the Geophysical HSE Subcommittee were identified along with the Safety Task Forces that the subcommittee participates on. Future work planned for the subcommittee was also discussed. IAGC members are active participants in all of these workgroups. Current workgroups include: <ul style="list-style-type: none"> • OGP 292 Revision • Personnel Transfer at Sea (New) • Geophysical Contractor Management Self Assessment Tool (est. completion by year end) <p>Safety Committee Task Forces include:</p> <ul style="list-style-type: none"> • OGP 510/511 – Operating Management Systems • Temporary Onshore Accommodations 	Randy Ingram ExxonMobil	

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4.	<p><u>OGP 510 – Operating Management System Update</u> Publication of OGP 510 Operating Management System Framework and OGP 511 OMS in Practice is expected by the end of May 2014.</p> <p>OGP 510 – Updated from 7 management system elements to 10 OGP 511 – Practical guide for implementation which includes sections on:</p> <ul style="list-style-type: none"> • Getting Started • Process and Practices • Sustaining and improving the system 	Neil Cave (BP)	
5.	<p><u>Temporary Onshore Accommodation Task Force</u> Strong representation by IAGC and OGP members from the Geophysical industry on the task force. IMCA and IADC also represented. Publication by year end targeted. Types of onshore accommodations include:</p> <ul style="list-style-type: none"> • Tents • Trailers • House Boats • Cat trains • Port-a-cabins • Other temporary structures • Permanent Structures used temporarily <p>The Task Force plans to address:</p> <ul style="list-style-type: none"> • Live Cycle planning • Site selection • Design & layout • Living areas • Toilets & sanitary • Sewage & grey water • Water supply • Kitchens & messing • Power generation • Etc. 	Neil Cave (BP)	
6.	<p><u>OGP 292 Workgroup Update</u> Stephen provided a summary of the updates to OGP 292 - HSE competency management guidelines for the geophysical industry. The workgroup (IAGC/OGP) completed the document in Dec. 2013 and feedback from OGP and IAGC subcommittees have been addressed and the final version submitted to the OGP Safety Committee in April. Publication expected in the next 3-4 months. Some of the areas the document sought to add value in the revision included:</p> <ul style="list-style-type: none"> • Adding clarity to what competence means 	Stephen Hallows (SEITEL)	

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	<ul style="list-style-type: none"> Define broadly the competency cycle and system Providing “how to” guidance for smaller/new companies Providing a check for larger / more mature companies that their Competency Management Systems has the essential elements Providing competency audit criteria Covering not just contractor personnel but also E&P company project managers and consultant field representatives. <p>Lesson learned from the workgroup’s revision of the document were shared.</p>		
7.	<p><u>IAGC Small Boat Subcommittee</u> (originally #14 on schedule) Jess provided an update on the subcommittee’s recent meeting and activities. Recent industry guidance developed includes:</p> <ul style="list-style-type: none"> Guidelines for the selection and Testing of Integrated Survival Systems Guidelines for Marine Small Boat Operations Guidelines for Small Boat Competency and Training Small Boat Microsite Small Boat Training, Competency and Operations Log Book <p>The Subcommittee is collaborating with DNVGL on the Standard for Certification 2.21 – Craft. Draft document to be reviewed in Fall 2014.</p>	Jess Yeates (Polarcus)	Some query regarding WG Personal Locator Beacon Studies??
8.	<p><u>Can Clinical Practice Standards Improve the HSE Culture and Mitigate Risk</u> Loreen used several case studies to illustrate best practices in case management where appropriate application of occupational medicine treats the patient appropriately while being cognizant that treatment decisions affect recordable incidents and key performance indicators. Various best practice techniques were discussed to constrain unnecessary case escalation.</p>	Loreen Lock (RMI)	
9.	<p><u>SEG HSSE Committee</u> The SEG established a HSSE committee in October 2013 and Ian is the new chairman. Ian explained the purpose of the committee which is to help ensure that HSSE is taken into consideration for any activities that the SEG manages or sponsors. This includes convention safety and the various field schools and activities that the SEG sponsors. Ian indicated that new members are welcome. He also asked companies to donate Safety Awareness training material for student education.</p>	Ian Threadgold	<ul style="list-style-type: none"> New members welcome to join SEG HSSE Committee Requested donation of Safety Awareness training material for student education.
10.	<p><u>Update on Other OGP Activities</u> Natalia provided an update on recent OGP publications and activities of the OGP Safety, Health, Environment and Security</p>	Natalia Staina (OGP)	

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	<p>Committees. Highlights include:</p> <ul style="list-style-type: none"> • Publication of guidance for Implementing an in-vehicle monitoring program (Report 365-12) • Creation of an Arctic Committee • Task Force for a Competence Management System for O&G personnel is planned • Health Committee is developing a guide for conducting fatigue risk assessments. Guideline on Pandemic/infectious disease outbreaks is being planned • Numerous guidance documents from the Security Committee may be of interest (see presentation for list of documents) <p>See presentation for more details</p>		
11.	<p><u>The Aging Workforce: Health Care Challenges in the Remote Environment</u></p> <p>People are remaining in the workforce longer than in recent past presenting challenges for working in a remote environment. Dr. Kotler discussed the physical, physiological, and psychological concerns of the aging workforce and some steps to approach the challenge both proactively and reactively. Dr. Kotler proposed some of the solutions for addressing the challenge in remote locations through well-designed, ongoing Health and Wellness programs, behavioral changes and highly trained medical teams to provide care.</p> <p>(See presentation for further details)</p>	Dr. Michael Kotler (RemoteMD)	
12.	<p><u>Advances in the use of the MOPO</u></p> <p>Bernard provided a presentation on the changes that WesternGeco have made to their Manual of Permitted Operation (MOPO) following a serious marine incident in 2013. They identified several gaps in their previous process which were addressed in the new MOPO. Their new MOPO is time based requiring a time-based risk assessment of conditions and activities. The new MOPO includes a scoring process and better engages the crew for improved situational awareness.</p>	Bernard Marley: WesternGeco	WG willing to share upon request.
13.	<p><u>IAGC Security Subcommittee</u></p> <p>David provided an update on the status of the security committee progress on “Security and ERW Guidelines”. The document is with the IAGC Steering Committee for the final review. An overview of the sections of the document was provided. David provided a chart of the various OGP Security documentation that is currently in development or has been recently published. Examples of vendor training for Security of Geophysical Operations were provided. Two examples of security reports available in the industry were provided.</p>	David Rash: Geokinetics	For final approval at the IAGC Steering Committee April 17 th 2014

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14.	<p>Personnel Transfers at Sea Workgroup Update (originally presentation #7)</p> <p>A short meeting of the newly forming Personnel Transfer at Sea Workgroup was held during the lunch break and Jess provided some information on the workgroup membership and plans for their first full meeting in June. Jess and John Barrett (BHP) are co-chairing the workgroup.</p>	Jess Yeates (Polarcus)	
	Day 2: 16 April 2014		
1.	<p>Recap of Day 1</p> <p>A brief review of key information from Day 1 (safety information, feedback forms, etc.).</p>	Chris Griffin, Scott Baker	
2.	<p>Panel discussion – Crisis Management in Marine Operations</p> <ul style="list-style-type: none"> • CGG • ION • TGS • WesternGeco <p>Panelists provided an overview of their respective company's Crisis Management process, operational issues, challenges and lessons learned</p> <p>*See presentations for additional detail</p>		<p>Discussion regarding joint resource sharing. Panelists agreed in principle however a way to move forward on this would be required.</p> <p>Add to next forum agenda.</p>
3.	<p>IAGC Environment & Sound and Marine Life Committee Update</p> <p>Karen provided updates on the following:</p> <ul style="list-style-type: none"> • An overview of personnel changes within the IAGC and current roles and responsibilities. • She covered the various IAGC engagements with regulatory response around the world. • The IAGC has released the IAGC Guidance on the Use of Towed Passive Acoustic Monitoring during Geophysical Operations. <p>Isabelle provided an update on 2014 activity plan which included:</p> <ul style="list-style-type: none"> • Update Joint OGP/IAGC Position Paper – Seismic Surveys and Marine Mammals (2004) • Support publication of a series of IAGC two-pagers on standings, impact on fish sound 101, etc. • Assess feasibility of shared GIS database of marine mammal observations around seismic 	Karen St. John (IAGC) and Isabelle Lambert (CGG)	<p>Member companies to review personnel involved in both the Environment and Sound and Marine Life Committee's to ensure involvement.</p> <p>Isabelle Lambert as Chair to follow with on Sound and Marine Life Committee.</p> <p>Chris Griffin to follow up with Environment Committee members</p>
4.	<p>High Potential Presentations</p> <p>HiPos presented will be posted on IAGC website (http://www.iagc.org/HiPo-Alerts/)</p>	Various IAGC members	
5.	<p>IAGC Statistics</p> <p>Chris presented the 2013 HSE statistics collected by the IAGC. 12 companies provided marine data and 9 companies provided land</p>	Chris Griffin (Polarcus)	<p>Anyone wishing to join the group reviewing future statistics gathering to please contact Chris</p>

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	<p>data for 2013. The TRIR and LTIR for land and marine operations were down from the previous year and at the lowest rates since 1998 when data collection began.</p> <p>See the IAGC website for the full 2013 statistics break down for land and marine operations.</p> <p>Chris discussed plans for future statistics gathering which included:</p> <ul style="list-style-type: none"> • Collection of meaningful leading indicators • Improving definitions to bring more clarity to data collected • Potential new data areas such as management reviews, offshore bunkering, offshore crew changes • Looking at the 10 OGP OMS Elements to see if useful data gathering opportunities exist under each element 		<p>Griffin in order to be added to future meetings.</p>
6.	<p><u>Marine Step Change Update</u> No update was available</p>		<p>Update to be provided by PGS for next forum</p>
7.	<p><u>IAGC - Other Activities & Next Meeting</u> Bernard Marley (WG) is retiring and was thanked by the IAGC and OGP for his many years of service participating in IAGC and OGP workgroups and being an active participate in the IAGC/OGP HSE& Security Forums.</p> <p>Next IAGC/OGP Forum will be sponsored by Shell and be held in The Hague, Netherlands. Dates: 24-25 September 2014</p>	<p>Chris Griffin, Randy Ingram</p>	
	<p><u>Adjourn</u></p>		