

Those present or joining via teleconference:

Blaine Thibodeaux	Fugro USA Inc	Chairman
Allan Palmer	Aqueos Subsea	Vice-Chairman
Dave Baker	McDermott International	NA Regional Committee Member
Scott Coughlan	Subsea7	NA Regional Committee Member
Lynn Lehmann	Saipem	NA Regional Committee Member
Nigel Saunders	Ardent	
Jim Rocco	IADC	
Tom Ulrich	AMI	
Sergio Aceves	Diavaz	
Abenamar Priego	Diavaz	
Odell S Reaid	Noble Drilling Services Inc	
Jim Donnelly	Phoenix International	
Denzill Lovering	TechnipFMC	
Mike Roberts	DNV GL - Central & North America	
Michael Meehan	TechnipFMC	
Idefonso Aguilar	Diavaz	
Rick Richmond-Board	TechnipFMC	
Luis Navarro	Heerema	
Leen Moerman	Heerema	
Carl Annessa	Hornbeck	
Zach Skelton	Heerema	
Mark Shaffer	Phoenix International	
Preeti Mehta	Phoenix International	
Charlie Williams	Center for Offshore Safety	
Julia Fitzgerald	Center for Offshore Safety	
Kevin Murphy	ENSCO	
Justin Williams	NOIA	
Felix Pena	Unique	
Ey Guerrero	UTEC Survey Inc	
Amit Aglawe	Unique	
Craig Reid	DNV GL – Central & North America	
Everett Burton	Oceaneering International, Inc.	
Mark Siebbeles	BHP	
Joe Shine	Praxair	
Rami Tadros	Veripos	
Pete Goodman	Aqueos	
Barry Ramesar	Hornbeck	
Bruce Gresham	IMCA	North America Representative
Peter Sieniewicz	IMCA	Technical Advisor- Diving

1 Welcome and Apologies for Absence

A safety briefing was given by hotel staff in the unlikely requirement of an evacuation from the hotel.

Blaine Thibodeaux, the Chairman, opened the meeting and welcomed all attendees and then went on to introduce the regional committee. Those present were asked to individually introduce themselves.

2 Competition Law Compliance Policy

The Chairman reminded all attendees of the IMCA Competition Law Compliance Policy.

3 Minutes of 11 October 2018 Meeting

The minutes of the previous meeting held on 11st of October 2018 were reviewed and approved without amendment; there were no matters arising not covered by the agenda. The minutes were duly signed as an accurate record by the Chairman.

4 IMCA Corporate Update

Peter Sieniewicz IMCA Technical Advisor responsible for NA within the Secretariat updated those present on IMCA's corporate activity. The presentation included the changes and progress of the organisation as well as a review of the current key technical programs.

During the past year IMCA has completely modernised both its governance and legal structures to put IMCA in a better position to forward in the 21st century. Additional work has also been undertaken to tighten up the By-laws in areas of technical compliance, audit and membership joining criteria as poor performers are seen as a reputational risk to both IMCA and its membership. IMCA have now also added the ability within its Bye-Law to expel individuals who hold IMCA issued certificates for example diving supervisors.

Following the strategic review, new areas for development have been identified, IMCA has a healthy balance sheets with the membership being stable.

5 Technical Update

5.1 Ethics and Compliance

A 3-stage programme is being developed by the Contracts and Insurance Committee including:

- IMCA Code of Practice for the Secretariat.
- Member Code of Conduct - ongoing delivery in Q1 2019.
- ABC eLearning programme from TI called Doing Business Without Bribery

5.2 Policy and Regulatory Affairs

IMCA has developed advocacy approach and has made progress in the following areas:

- OCIMF regarding OVID audits.
- IOGP regarding DIWG.
- IMO regarding GHG emissions, Onboard Lifting Appliances, Industrial Personnel Code, Diving Code.

5.3 HSSE: Chairman David Forsyth, Bibby Offshore. Regional Representative Travis Mathews, McDermott

IMCA now publishing a safety flash about every 10-15 days which are sent to about 3000 recipients. Work on compiling the safety statistics was also ongoing and IMCA had made it easier by enabling contractors to submit their statistics online. In addition, IMCA have launched the Shell Resilience programme which is now available to all members for their use.

5.4 Digitalisation

Digitalisation is now seen as an important subject of deep interest within the industry, with the whole area of autonomy and autonomous vehicles, and how members relate to it needs to be addressed properly.

Members of the Digitalisation, Offshore Survey, and Remote Systems & ROV Committees will hold a face-to-face meeting/workshop in Aberdeen, Thursday 28 February 2019 to establish a way forward.

5.5 Environmental Sustainability

The topic has been reassigned and will now fall under HSSE.

5.6 Competence and Training: Chairman Steve Benzie, i-Tech 7. Regional Representative Lynn Lehmann, Saipem

The freelance personnel competence e-portfolios for ROV and Survey have now been launched. A Competence & Training Seminar is being planned for October 2019 in Houston and will be aimed at exploring legal duties and requirements for the training and competence of personnel within North America as the industry begins to emerge from the downturn.

5.6 Marine: Chairman Neil MacDonald, Subsea 7. Regional Representative, Dave Baker, McDermott

Work has now started on a DP practitioner accreditation scheme. The aim of the scheme is to improve the consistency and conduct of DP trials as well as setting a minimum knowledge level for subject matter experts. It is planned that the scheme will be formally launched in July of this year.

There are also plans to hold a seminar on the work of the IMCA Marine Renewable Energy Committee in September this year.

5.7 Offshore Survey and Remote Systems & ROV Chairman: Graham Duncan Technip FMC Regional Representative, Paul Watson, McDermott

The committee are in the process of publishing new guidance on a range of topics including; shared sensors for ROVs, use of satellite positioning to determine heights above seabed and pipeline out of straightness survey. A joint industry workshop took place investigating automation and remote ROV operations considering the impact on crewing and safety.

IMCA have also recently recruited a new Technical Advisor, Andy Rose who will take on the ROV remit. Andy comes with over 20 years of ROV operational experience and brings a wealth of knowledge to the role.

5.8 IMCA eCMID

The revised (version 11) of the eCMID software has now been released. The programme now includes additional question sets for a range of different types of vessels currently used offshore. The past year has seen a dramatic increase in live reports over the previous year, with a 31% increase in vessel numbers.

5.8 Diving: Chairman Steve Sheppard, Helix. Regional Representative Allan Palmer, Aqueous

IMCA has recently issued IMCA D 061 Guidance on the Health Fitness and Medical Issues in Diving Operations. Its release has been challenged within some sectors of the industry. IMCA is also in the process of developing an "Update APP" for diving supervisors and in due course LSTs. The aim is to ensure that supervisors and life support personnel are kept up to date with the changes to IMCA's current guidance and practices. The App should be going live, following a series of trials, towards the end of the year.

5.9 Lifting and Rigging: Chairman Sandy Steven, Subsea 7. Regional Representative Michael Roberts, DNVGL

This is a new committee who are very active and busy revising and working on new guidance. The meetings attention was drawn to several recently released new and revised L&R guidance documents.

6 Policy and Regulatory Report

6.1 Marine and Regulatory Affairs: Chairman Peter McCombie, Technip FMC. Regional Representative Kyle Pemberton, Mc Dermott

The work of this committee and the forthcoming IMO related issues were brought to the attention of those present. They include:

- Fuel oil Sulphur limit & carriage ban on non-compliant Fuel
- Preparing to comply with IMO's 3-step strategy for greenhouse gas emissions control
- Exemption for Onboard Lifting Appliances & Anchor Handling Winches (OLAW) under SOLAS
- Development of a revised code for the Transport of Industrial Personnel (IP)

7 Presentations

Lessons Learned: Developing an oilfield safety culture in the salvage industry.

Nigel Saunders, Operations Manager, Ardent

In 2016 Nigel took over the role of Operations Manager for Ardent. Ardent at the time was primarily involved in offshore salvage. Nigel had come from the oil and gas sector whose view on risk management and safety overall differs from that of salvage. With the backing of senior management and despite huge resistance from the workforce during which 17 staff left the organisation the company began to change. The results have been significant with a dramatic reduction in lost time injuries, an increase in efficiency resulting in opening new markets for the company.

Role of Management Systems in a Changing Workforce.

Charlie Williams Executive Director COS

Mr Williams started his presentation discussing a dichotomy "developing skills and knowledge in oil industry results increased production which in turn influences climate change and thus the environment " so the more you improve production through training the greater the impact on the environment. Post Horizon the legislation was changed, and the new laws require competency assessments by the contractor as part of the CFR. He went on to explain, however, that recent research had shown that training was not achieving the expectation of many companies despite all the investment

IADC's Current Work Program and Forthcoming Challenges; an Update.

Jim Rocco IADC

Jim took those present through the current regulatory issues IADC are currently involved with. He pointed out some of the key issues that are of significance to both IMCA and IADC including the Jones Act; which he felt that the US government were now beginning to gain a better understanding of the impact changes to the act could have on the offshore industry. He also mentioned the work that was ongoing and the possible introduction of the SOLAS Industrial Personnel Provisions Code. Jim went on to say that this could have implications (positive) to the SPS Code and the classification of "industrial" personnel.

Perspective on Mexico Offshore Market

Sergio Aceves, Marine Director, Diavaz

Sergio discussed the recent political changes in Mexico and then went on to explain the current government wanted to increase Mexico's oil production from the current 1750 MBD to 2500 MBD by 2025. In order to accomplish this, they have put together an ambitious development plan including an annual increase in the national CAPEX of \$3 billion USD over the next 5 years. Two new fields are now being put into production and the work on the development of these fields has been commissioned. Sergio went on to say that an additional three will need to be developed to achieve their production aim. He went on to say

that currently there are 428 vessels working offshore for Pemex and felt that this would also have to increase. He did say; whilst the focus of the government is on local content they do appreciate with the scale of work planned it is unlikely it can be fulfilled by Mexican companies alone.

New Dynamics in Washington DC and Potential Impacts on Industry Policy

Justin Williams, Senior Director, Digital & Public Affairs

National Ocean Industries Association

Justin started by explaining what NOIA do and that Trump had implemented the offshore “America first” executive order which encompassed a 5-year lease plan. He then went on to explain it was unlikely to be that simple, with Congress trying to push limitations on the offshore industry know that they will never be implemented but scoring political points. He felt that the Acting Secretary of Interior, David Bernhardt was very good and would listen to industry and that offshore wind had gained support from both the Republic and Democrats gaining bi-party support and felt that this would be an area for expansion within the industry. When asked about the future of the government his response was “who knows”.

8.0 Any other Business

The meeting we asked if there was any interest in resurrecting the NA ROV Sub Committee. IMCA has a new ROV Technical Advisor Andre Rose who would be willing to help establish the committee and support it as a TA. Andre Rose will pursue this issue.

Action: Andy Rose

Dates and Location of Regional Meeting will be either the 3rd of 4th week of October in Houston and be combined with a Competency seminar. Final dates to be advised.

Signed as a true record

Name

Date