

**Minutes** of a meeting of the Association's IMCA Offshore Survey Committee held on 10 January 2024 from 09:00 BST Online

Those present or joining via videoconference:

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Mike Clark	Subsea 7	Chair
Dave Matthews	TechnipFMC	Vice-Chair
Paul McBride	Fugro	
Ian Ellis	3D at Depth	
Gordon Brown	Andrews Hydrographics Ltd	
Scott Howden	DOF	
Paul Gray	Reach Subsea A/S	
Julian Nelson	Oceanscan	C&T representative
Aaron Bainbridge	Subsea 7	Regional-AP
Walter Jardine	IOGP	
Simon Manser	IOGP	
Roger Moore	IMCA TA	Technical Adviser

## 1 Competition law compliance policy

The IMCA Competition Law Compliance Policy, which had been circulated with the meeting agenda, was drawn to the attention of all present.

## 2 Welcome and apologies for absence

Roger welcomed the committee to the meeting. Mike Clark Chairman took over and read the competition law followed by the below apologies.

Formal apologies for absence had been received from:

Torsten Marten	UTEC Survey	
Michiel van de Munt	Allseas	
John Chatten	Fugro	Regional-SA
Simon Waterfield	Sonardyne	
Simon Barrett	DOF	
Lucyna Kryla Strazewska	International Association of Oil & Gas Producers (IOGP)	

## 3 Minutes of the previous meeting

### 3.1 Approval of the minutes

The minutes were agreed and would be signed as an accurate record by the Chair.

## 4 IMCA update

### 4.1 Membership and Committee elections

Roger gave an update on new and current members (178) and number of documents downloaded withing the Survey category (2920) in 2023.

Roger then explained the Committee election process and bylaws section 16, around committee selection and provided links where to locate these, and also responsibilities of the committee and where to find the support documents which should be read and understood by all committee members.

**Action: None**

### 4.2 Other IMCA Committee Updates

Julian Nelson of the C&T Committee provided an update to the Survey Committee. He informed the committee that a proposal had been delivered to the Board to implement an IMCA accreditation scheme for members competence schemes. It is felt that such an initiative would reduce instances of fake IMCA certificates being circulated and provide members with a way to reduce the cost and effort associated with the auditing of their schemes by Clients.

As part of this initiative the C&T committee are requesting support from the other committees. Committee members discussed the initiative and considered various scenarios where members may or may not see value in such a scheme depending on whether they are managing their own scheme, having a scheme managed by a 3<sup>rd</sup> party or where they may have a requirement to audit competence process of sub-contractors. There was no agreement reached to endorse as a Committee during the meeting and it was recommended that members provide feedback to Julian individually.

## 5 Committee Workgroup Activity

- **Revision of IMCA S 003 Multibeam echosounders:** some progress made and will aim for March for close out.  
**Action: Gordon Brown**
- **IMCA S011 AUV Guidance (Combined with ROV):**, This document was withdrawn some years later as it was regarded as adding little if any value. In recent years, however, it was rediscovered in the secretariat's records and revisited with a view to it being revised and re-published. **ROV** committee are working on IMCA R004 and once complete will move on to **S011**. **Ian Ellis (3DatDepth) informed Committee that Andy Baker who had been representing the Survey Committee on the workgroup had left his direct employment with 3DatDepth and was now engaged as a contractor. Ian would follow up with Andy to determine if he would continue to represent the Committee on this workgroup.**  
**Action: Ian Ellis**
- **Revision of IMCA S 013 Deepwater Positioning:** workgroup still at chapter 4 because of work load but was making progress; No change to previous statement- the workgroup would be approaching the main suppliers soon for technical comments. It was suggested that further useful technical input could be sought from IOGP, from Total Energies in particular, and from the universities;( Newcastle & Glasgow)  
**Action: Michiel Van De Munt**
- **IMCA S017 Guidance on vessel USBL systems for use in offshore survey, positioning and DP operations**  
No change to previous update. Document has been reviewed and minor updates are required from Torsten Marten & Mike Clark. Aim to complete by End March  
**Action Torsten Marten / Mike Clark**

- **IMCA S019- Guidance on Subsea Metrology-**

Discussed Introduction on video and laser acceptance criteria, Patchy RMS Values & correlation of overlaying points, also if we needed to bring in someone to QC Photogrammetry calibration. Also guidance on available solutions, working with point cloud & Spool metrology *and maybe need to add IOGP Standards. Scott Howden agreed to take over from Simon Barret as lead for the revision of this document.*

**Action: Scott Howden /Ian Ellis**

- **IMCA S020 Guidelines on Management of Survey and inspection data –**

members deemed that this document was still “in date” as it had most recently been reviewed in 2020. So we agreed to extend for 3 years

**Action: Done**

## **6 Update from IOGP**

Walter Jardine gave a presentation with latest updates on the work activity of the IOGP Geomatics Committee.

Discussion was held on the process around creating the recent IOGP DOCs #624-02 #624-01. These were published in Q4 2023 by IOGP without the awareness or review of the IMCA Survey Committee members. The creation of these documents were supported by members of the IMCA Survey Committee (Simon Barret/Gordon Brown) and IOGP believed that this was sufficient to be considered as being approved by the Committee. Mike Clark explained that due to changes in the Committee structure and Secretariat over the period the visibility of this input by Committee members to the documents had been overlooked. It was agreed that in principal where documents are being developed with the input of IMCA members there should be a short review period for the wider IMCA Survey Committee.

IOGP will be hosting a Webinar to inform the industry on these new documents with a date set as 13th February 24 with a link to be distributed.

Future collaboration between IOGP Geomatics and & IMCA Survey Committees was discussed with topics of potential interest identified as;

- Point Cloud Data from LiDAR/Photogrammetry
- LBL Array Adjustments
- Basic Survey Statistics, Accuracies & Tolerances

General discussions were held around all three topics however no definitive conclusion was drawn as to the document type or content to address each topic. This would need to be continued to be discussed and drawn out by the relevant Committee’s.

Ian Ellis suggested that a presentation from i-Tech Services (now Subsea7) to the Hydrographic Society In Scotland in 2018 was a good starting point for discussions on LiDAR/Photogrammetry. Ian would send the document to Roger for distribution to the Committee for awareness.

A meeting has been previously scheduled by Lucy at IOGP for Tuesday 23<sup>rd</sup> January to discuss areas of collaboration. This is to be attended by Mike Clark with the invitation extended to the rest of the IMCA Survey Committee to attend at their discretion.

## 7 Committee Objectives for 2024

Committee objectives were reviewed and agreed to continue from 2023 as above with an end date of March 2024 put in place to show next committee that progress and close out has been done.

## 8 AOB

Roger reported that a series of Podcasts were on the agenda for IMCA and if anyone had ideas from the survey side and would like to provide information this would be gratefully received.

A list of upcoming events were shown and if any member know of specific survey events then these dates and locations to be sent to Roger so he can advertise and distribute to the other members.

Subsea EXPO Aberdeen 20th- 22nd February

Oceanology International, 12th-14th March Excel London,

MCEDD-Amsterdam- early April

SPE Norway Subsurface Conference 17th April, Bergen, Norway

ONS 2024, 26th-29th August 2024, Stavanger, Norway

Offshore Energy 24 Amsterdam 26th-27th Nov

## 9 Un-minuted discussion

There was an un-minuted discussion on a variety of topics.

## 10 Summary of action items

Action	Responsible	Target
Continue major revision of S003	Gordon Brown	March Q1
Continue support to ROV WG on S011	Ian Ellis( WG focal point)	March Q1
Continue major revision of S013	Michiel Van de Munt	March Q1
Minor updates to S017	Torsten Marten / Mike Clark	March Q1
Commence major revision of S019	Scott Howden	March Q1
IMCA S020 Guidelines on Management of Survey and inspection data	Roger Moore	Completed

## 11 Date and location of next meetings

Wednesday 27th March 13:00-16:00 F2F Location to be agreed

Wednesday 3<sup>rd</sup> July 09:00-12:00

Wednesday 2<sup>nd</sup> October 13:00-16:00

Dates of meetings to be reviewed by new Committee after elections complete in March



Signed as a true record

Mike Clark

Name

Mar 28, 2024

Date




# Minutes -IMCA Offshore Survey Committee 20240110

Final Audit Report

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