

**Minutes** of a meeting of the Association’s Lifting & Rigging Management Committee held on 12 June 2024 from 12:30 BST via videoconference

Members present or joining via videoconference are recorded in section 2, with the following also attending:

Mark C Ford	IMCA	
Huseyin Ozen	Shell (IOGP)	Guest

## 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, introductions and attendance

The chair welcomed members to the meeting.

The members introduced themselves for the benefit of the new committee member and the guest presenter.

Apologies for absence were recorded, with the latest meeting attendance now as follows:

Name	Company	Sept-23	Dec-23	Mar-24	This
Laura Lombardi (Chair)	Usha Martin Italia	Attended	Attended	Attended	Attended
Tom McCallum (Vice-Chair)	TechnipFMC	Attended	Attended	Apologies	Attended
Henk-Jan Bakkenes	Heerema	Attended	Apologies	Substitute	Attended
Maarten Loman	Van Oord	Attended	Apologies	Absent	Attended
Michiel Mol	NOV	Apologies	Attended	Part-Time	Attended
Robin van Nieuwkerk	Huisman	Attended	Attended	Attended	Attended
Richard Knight	McDermott	Substitute	Attended	Apologies	Apologies
Robert Askins	Global Maritime	Attended	Attended	Attended	Attended
Sara Fletcher	Subsea 7	Attended	Attended	Substitute	Attended
Søren Møllgaard	Cadeler	Apologies	Attended	Apologies	Apologies
Tom Dillerop	Heerema (Asia Pacific)	Apologies	Attended	Apologies	Attended
Marco Pedroso	SBM (South America)	N/A	N/A	N/A	Attended
Peter Wolf	Siemens Gamesa	Attended	Attended	Apologies	Apologies
Michael Roberts	DNV (North America)	Apologies	Attended	Attended	Apologies
Arnoud Bosch	Seaway 7	Attended	Attended	Attended	Attended
Jack Spaan	Boskalis	Attended	Attended	Attended	Attended

Legend:

 Attended	 Part-Time	 Substitute	 Apologies	 Absent	 N/A
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## 3 Minutes of the previous meeting

### 3.1 Approval of the minutes

The minutes from the last meeting were agreed upon and would be duly signed by the chair as an accurate record.

A review of the previous meeting's actions took place, and actions carried forward to this meeting were discussed and noted.

It was noted that the questions from BP would be forwarded to Tom, Jack and Mike to assist with formulating a reply to the UKHSE.

**Action: Mark, Jack, Tom and Michael**

### **3.2 Matters arising from the minutes not covered by the agenda**

There were no matters arising from the minutes that were not covered by existing agenda items.

## **4 Presentation from IOGP on IOGP 376 – Lifting & Hoisting Recommended Practice**

The Committee welcomed Huseyin Ozen from Shell, who was a member of the Subcommittee that developed IOGP 376 - Lifting and Hoisting Recommended Practice and was the Global Senior Lifting and Hoisting Advisor at Shell.

Huseyin explain the main changes to IOGP 376 regarding the principles for lifting and hoisting operations and the categorisation of lifts. It was noted that IOGP 376 recommended IMCA's lifting guidance for all matters pertaining to marine and subsea lifting and hoisting operations.

Following a Q&A session, the Committee thanks Huseyin for his presentation.

The Committee agreed that the lifting categorisation should be reviewed in *LR 006—Guidelines for lifting operations*. It was also noted that Human and Organizational Performance (HOP) should be included. Mark mentioned that the document was in the document review folder on the Committee Teams site.

**Action: Mark, Marco, Tom, Jack**

## **5 Un-minuted discussion – safety-related issues**

The committee shared various safety-related matters.

## **6 Work Programme**

### **6.1 Committee 2024 objectives**

The committee objectives for 2024 were reviewed as follows:

1. Form a working group to complete the revision to IMCA LR-004 - Guidance on non-destructive examination (NDE) by 30th June. (Workgroup underway)
2. Form a working group to complete the revision to IMCA LR-008 – Guidance on the manufacture and safe use of cable-laid slings and grommets by August 31st
3. Form a working group to complete the revision to IMCA LR-010 – Guidance for remotely operated vehicle load testing and inspection by July 2024
4. Form a working group to complete the revision to IMCA LR-002 – Crane specification document by August 2024
5. Plan and hold a successful lifting and rigging seminar in September – in Amsterdam, aiming for 120 attendees. Programme being developed – See agenda item 6.4 (On target)
6. Influence the G+ lifting focal group to reference IMCA guidance where applicable to reduce duplication – end of August 2024 – anticipate completion end of July 2024 (On target)

## 6.2 IMCA LR 004 – Guidance on NDE

It was mentioned that work was progressing albeit slowly. It was noted that this revision was anticipated to take a little longer than envisaged.

## 6.3 Lifting Seminar 2024

The seminar was scheduled for the 12th of September at the Steigenberger Hotel, Amsterdam.

Mark updated the committee on the lifting and rigging seminar and presented the current draft programme.

It was noted that the programme development was nearly complete.

Registration was open, and members of the Committee were requested to show their support by attending to assist with workshops etc. Registration was noted to be via the IMCA website or by using this link [HERE](#).

## 6.4 Document revision status

The committee were shown the status of the up-to-date documents and planned revisions on the LRMC document planner. The document revision status is shown below and can be found in the meeting slides.

Name	Guidance Refs	Latest Update	Latest Version	Status Reason
Crane specification document	IMCA LR002, IMCA M171	25/03/2019	2.0	Review Needed
Guidance for remotely operated vehicle load testing and inspection	IMCA LR010, IMCA R021	29/01/2019	1.0	Review Needed
Guidance on examination of steel wire rope through magnetic rope testing (MRT)	IMCA HSSE 023, IMCA LR 004, IMCA M 197	21/08/2019	1.1	Revision underway by working group
Guidance on open parachute type underwater air lift bags	IMCA D016, IMCA LR007	30/11/2023	5.1	Current
Guidance on the manufacture and safe use of cable-laid slings and grommets	IMCA LR008, IMCA M179	23/05/2019	1.1	Review Needed
Guidance on the selection, safe use and inspection of high performance fibre slings used for engineered lifts	IMCA LR009, IMCA M237	18/08/2020	1.0	Current
Guidance on wire rope integrity management for vessels in the offshore industry	IMCA HSSE022, IMCA LR001, IMCA M194	01/10/2023	4.0	Current
Guidelines for lifting operations	IMCA D060, IMCA HSSE019, IMCA LR006, IMCA M187	20/06/2023	2.1	Review Needed
Recommended practice on the use of chain lever hoists in the offshore subsea environment	IMCA D028, IMCA LR005	22/06/2023	3.0	Current
The initial and periodic examination, testing and certification of ROV launch and recovery systems	IMCA LR011, IMCA R011	30/11/2023	2.1	Current

Volunteers to review *LR 010 – Guidance for remotely operated vehicle load testing and inspection*, was requested. Tom and Henk agreed to review this document.

**Action: Tom and Henk**

A discussion commenced regarding the revision of *IMCA LR-008—Guidance on the manufacture and safe use of cable-laid slings and grommets*. It was agreed that the LR 008 should be investigated regarding steel slings and grommets bending over a DIN hook regarding the DIN hook radius with respect to the size of the sling and the bending factor, which potentially resulted in over-engineering. A general review of the document would also take place. Arnoud, Sara and Henk agreed to investigate this potential issue.

**Action: Arnoud, Sara and Henk**

Robin and Michiel agreed to look at the revision of LR 002, the Crane specification document. It was noted that it was now outdated and required re-assessment by the appropriate offshore crane manufacturers.

**Action: Robin and Michiel**

It was noted that all the above documents were available on the Committee Teams site for the Committee members' comments.

## 6.5 LRMC Document downloads

Mark presented a table showing the number of lifting and rigging document downloads from 1 January 2024 to date. It was noted that LR 006 – Guidelines for lifting operations remained the most downloaded document.

The full table can be found in the meeting slide pack.

## 7 New/Future Technology and Scenarios

An un-minuted discussion took place on technology in development and in use.

## 8 Involvement with other organisations

### 8.1 BSI/ISO/EN matters

The committee were updated as follows:

- 13852-1:2023 - Cranes — Offshore cranes — Part 1: General-purpose offshore cranes
  - Work is on-going with this
- CEN-TC 147\_N0\_Annex-list-of-crane-stds\_rev2024-06-03
  - Table of Crane type specific product standards.
- FprEN 13001-3-8 - Cranes-General design- Part 3-8 - Limit states and proof competence of machinery - Shafts
  - Out for vote – deadline July 2024.
- ISO/DIS 4345 - Steel wire ropes — Fibre main cores — Specifications, is out for vote, deadline is 30th August 2024

### 8.2 LEEA

It was mentioned that the LEEA committee had completed the initial revision of the *BS 7121-11 code of practice for the safe use of cranes standard*. The document had been submitted to BSI MHE/3 as a new work item proposal. The group was on hold pending BSI decision.

It was noted that IMCA sit on MHE/3 and that the LRMC would get the opportunity to review.

### 8.3 OMHEC

It was mentioned that the next OMHEC meeting was scheduled for Thursday, 7th November 2024, at IMCA in London.

The meeting papers contain the last set of minutes from the 22nd April meeting at the UKHSE offices in Aberdeen.

The committee members were asked if they had any points to raise with OMHEC and to forward them to Mark.

### 8.4 API and COS feedback

Matt McLean of McDermott provided the Committee with a written update as follows:

The last API meeting was in April 2024.

There was not a whole lot to share with everyone. It was previously shared that API had created a subcommittee API SC22 that is to cover crane and lifting publications including two new publications:

- 2CIM - Integrity Management of Offshore Pedestal mounted Cranes (Under Development)
- 2D-3 Alternative Lifting Devices. (Under Development)

The API Committee Contact person had change from Katie Burkle. The New Contact is Elton Patram. [PatramE@api.org](mailto:PatramE@api.org)

The API Offshore Safe Lifting Conference & Expo was schedule to be held in Houston on 24 and 25 September 2024. <https://events.api.org/2024-api-offshore-safe-lifting-conference-expo/>

### **Center of Offshore Safety (COS) Lifting Subcommittee**

It was noted that COS was focusing on decommissioning activities and there was a summit being held next week in Houston. See <https://cvent.me/xBQwxG> for the invitation and further information.

The next COS meeting was scheduled to take place on the 18<sup>th</sup> July.

## **8.5 DNV update**

The following update was provided to the committee by Mike Roberts.

- DNV-ST-N001: Marine operations and marine warranty. Mike had sent the comments to the lifting part to DNV's internal standards committee and would work on responses over the coming period.
- DNV-ST-E272 2.7-2 Offshore service modules. The external hearing was completed in February 2024. However, some internal discussions between the document's authors and DNV Maritime were presently being resolved. The latest information was that it would hopefully be issued by September.
- DNV-ST-E281 Transportation and installation aids. There had been no change or developments since the last meeting. It was noted to be a low-priority document, and if it were to progress, then time and funding would need to be allocated to it.
- DNV-RP-N202 Motion compensating systems. This had been proofread and sent out for an external hearing, which was completed in mid-May. It would be issued in June or August 2024 (likely August) as it would need to undergo final proofreading. It was noted that the document was reviewed by TFMC, Subsea7, and other contractors.

## **8.6 G+ Renewables**

Mark provided a G+ update as follows:

The current draft of the G+ lifting governance document has been assembled by a technical editor. (In meeting papers)

The committee would be given the opportunity to comment on the draft in the next few weeks and comments would be appreciated.

### **GWO and OPITO**

It was noted that the [OPITO lifting standards](#) had been updated.

IMCA had requested access to the OPITO hub where all the training standards could be downloaded.

## 8.7 ABS

No update was provided on ABS.

## 8.8 Other organisations

### Step Change

It was mentioned that there had been no change in any lifting related matters since the publication of their Lifting and Mechanical Handling Guidelines in November 2022

### International Association of Oil & Gas Producers (IOGP)

A presentation by IOGP had been delivered at this meeting. Further IOGP updates would be on an ad hoc basis.

## 9 IMCA Live 2024

Mark updated the committee on IMCA's events programme for 2024. The committee were informed that IMCA was reinstating the Global Summit on 3-4 December 2024 in Utrecht, Netherlands.

Committee members were requested to register their interest [HERE](#).

Further information can be found in the meeting slide pack.

## 10 Any other business

There was no further business raised.

## 11 Summary of action items

	Actions carried forward from the previous meeting	Responsible	Target
1	It was noted that BP's questions would be forwarded to Tom, Jack, and Mike to assist with formulating a reply to the UKHSE.	Mark Ford, Tom McCallum, Mike Roberts and Jack Spaan	4 <sup>th</sup> August 2024
2	There was the insistence that personnel must use the Frog type of transfer carrier, and some personnel were not happy with having to sit and strap themselves in. Mark agreed to contact Equinor and Aker BP regarding this matter.	Mark Ford	4 <sup>th</sup> September 2024

	Actions stemming from this meeting	Responsible	Target
3	The Committee agreed that the lifting categorisation should be reviewed in <i>LR 006—Guidelines for lifting operations</i> . It was also noted that Human and Organizational Performance (HOP) should be included.	Mark Ford, Marco Pedroso, Tom McCallum, Jack Spaan	4 <sup>th</sup> September 2024
4	Volunteers to review <i>LR 010 – Guidance for remotely operated vehicle load testing and inspection</i> , was requested. Tom and Henk agreed to review this document.	Tom McCallum, Henk-Jan Bakkenes	4 <sup>th</sup> September 2024

5	It was agreed that the <i>LR 008 – Cable-laid Slings and Grommets</i> , should be investigated regarding steel slings and grommets bending over a DIN hook regarding the DIN hook radius with respect to the size of the sling and the bending factor, which potentially resulted in over-engineering. A general review of the document would also take place.	Around Bosch, Sara Fletcher, Henk-Jan Bakkenes	4 <sup>th</sup> September 2024
6	Robin and Michiel agreed to look at the revision of LR 002, the Crane specification document. It was noted that it was now outdated and required re-assessment by the appropriate offshore crane manufacturers.	Robin van Nieuwkerk and Michiel Mol	4 <sup>th</sup> September 2024
7	<i>IMCA LR-004—Guidance on non-destructive examination (NDE)</i> . The Committee was asked if there were any other volunteers from this Committee or if someone could nominate/ask someone from their organisation to participate.	Lifting and Rigging Committee	4 <sup>th</sup> September 2024

## 12 Date and location of next meetings

The dates for the next LRMC meetings were as follows:

- Wednesday 4th September and was the annual Face to Face with an evening meal on 3rd September.
- Tuesday 11th December – Teams

	Laura Lombardi	Sep 5, 2024
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Signed as a true record

Name

Date






# LRMC minutes 20240612

Final Audit Report

2024-09-05

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