

Minutes of a meeting of the Association's Lifting & Rigging Management Committee
held on 11 December 2024 from 12:30 GMT via videoconference

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

Mark C Ford	IMCA
Jennifer Evan	IMCA

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.

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

Name	Company	Mar-24	Jun-24	Sept-24	Dec-24
Laura Lombardi (Chair)	Usha Martin Italia	Attended	Attended	Attended	Attended
Tom McCallum (Vice-Chair)	TechnipFMC	Apologies	Attended	Apologies	Apologies
Henk-Jan Bakkenes (Paul Geen)	Heerema	Substitute	Attended	Attended	Substitute
Maarten Loman	Van Oord	Absent	Attended	Apologies	Absent
Arjo van Putten	NOV	N/A	N/A	Apologies	Attended
Robin van Nieuwkerk	Huisman	Attended	Attended	Attended	Attended
Richard Knight	McDermott	Apologies	Apologies	Absent	Attended
Robert Askins	Global Maritime	Attended	Attended	Attended	Attended
Sara Fletcher	Subsea 7	Substitute	Attended	Attended	Attended
Søren Møllgaard	Cadeler	Apologies	Apologies	Apologies	Attended
Tom Dillerop	Heerema (Asia Pacific)	Apologies	Attended	Apologies	Attended
Marco Pedroso	SBM (South America)	N/A	Attended	Attended	Apologies
Peter Wolf	Siemens Gamesa	Apologies	Apologies	Attended	Apologies
Michael Roberts	DNV (North America)	Attended	Apologies	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 actions taken during the previous meeting took place, and actions carried forward to this meeting were discussed and noted.

3.2 Matters arising from the minutes not covered by the agenda

The committee members' attention was drawn to the *Heavy Lift Exchange Forum – Guidance on Stability of Lifts* document. (Document in meeting papers). It was noted that the document contained material that was already included in DNV N001.

4 Discussion on lifting and rigging safety-related issues

The committee shared various lifting and rigging safety-related matters to promote lessons learnt.

5 Work Programme

5.1 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. **(Completed)**
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. **(Working group underway – Carried over to 2025)**
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. **(Completed)**
4. Form a working group to complete the revision to IMCA LR-002 – Crane specification document by August 2024. **(Working group underway – Carried over to 2025)**
5. Plan and hold a successful lifting and rigging seminar in September – in Amsterdam, aiming for 120 attendees. See agenda item 5.3 **(Completed)**
6. Influence the G+ lifting focal group to reference IMCA guidance where applicable to reduce duplication – end of August 2024 – anticipate completion mid-August 2024 **(Completed)**

It was also noted that IMCA LR 006 would be reviewed in terms of lifting terminology, lift categorisation, Human Operational Performance etc. Mark mentioned that he had commenced this work and that a small working group would be formed in 2025 after other working group work had been completed.

5.2 Committee 2025 Objectives

1. Complete the revision to IMCA LR-008 – Guidance on the manufacture and safe use of cable-laid slings and grommets by August 2025
2. Complete the revision to IMCA LR-002 – Crane specification document by June 2025
3. Plan and hold a successful lifting and rigging seminar – September, London
4. Working Group to develop a new guidance document on pulling eyes – TBD
5. Working Group to revise LR 006 – Guidelines for Lifting Operations – April 2025

5.3 Lifting Seminar 2024

The seminar was held on the 12th of September at the Steigenberger Hotel, Amsterdam, and had an attendance of over 120 people.

The seminar report has been written and published on the IMCA website and can be found [HERE](#).

Planning was to commence for the September 2025 seminar, which was to be held in London. The L&R Seminar workgroup will reconvene in January 2025.

Action: L&R Seminar workgroup

5.4 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 Revision	Latest Update	Latest Version	Status Reason
Crane specification document	IMCA LR002, IMCA M171	31/03/2019	25/03/2019	2.0	Review Needed
Guidance on open parachute type underwater air lift bags	IMCA D016, IMCA LR007	31/01/2022	30/11/2023	5.1	Current
Guidance on the manufacture and safe use of cable-laid slings and grommets	IMCA LR008, IMCA M179	30/04/2019	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	31/08/2020	26/02/2024	1.1	Current
Guidelines for lifting operations	IMCA D060, IMCA HSSE019, IMCA LR006, IMCA M187	30/06/2023	20/06/2023	2.1	Current
Recommended practice for remotely operated vehicle load testing and inspection	IMCA LR010, IMCA R021	31/08/2024	15/08/2024	1.3	Current
Recommended practice for the examination of steel wire rope through magnetic rope testing (MRT)	IMCA HSS023, IMCA LR004, IMCA M197	17/07/2024	30/07/2024	2.0	Current
Recommended practice on the use of chain lever hoists in the offshore subsea environment	IMCA D028, IMCA LR005	30/06/2023	30/05/2024	3.1	Current
Recommended practice on wire rope integrity management for vessels in the offshore industry	IMCA HSS022, IMCA LR001, IMCA M194	01/10/2023	04/10/2023	4.0	Current
The initial and periodic examination, testing and certification of ROV launch and recovery systems	IMCA LR011, IMCA R011	30/09/2021	30/11/2023	2.1	Current

The group to review *LR 006 – Guidelines for lifting operations*, was to be established in 2025 after another workgroup had completed.

It was noted that Mark had made a start on LR 006 by updating the lifting terminology – The committee were encouraged to look at the document and comment in the committee document folder.

Action: Jennifer Evans, LRMC Members

It was noted that a working group was underway for the revision of *IMCA LR-008—Guidance on the manufacture and safe use of cable-laid slings and grommets*. Members of the working group were as follows:

No.	Name	Email address	Company	Confirmed
1	Alexander Steven	alexander.steven@subsea7.com	Subsea 7	YES
2	Henk-Jan Bakkenes	hbakkenes@hmc-heerema.com	Heerema	YES
3	Jack Spaan	jack.spaan@boskalis.com	Boskalis	YES
4	Sara Fletcher	sara.fletcher@subsea7.com	Subsea 7	YES
5	Laura Lombardi	laura.lombardi@ushamartin.it	Usha Martin Italia	YES
6	Hans Coenen	hans.coenen@franklineurope.nl	Franklin Europe	YES
7	Rob van Duijn	r.v.duijn@uos-nl.com	UOS	YES
8	Alexander Freitag	a.freitag@gebr-henschel.com	Gebr. Henschel GmbH	YES
9	Peter Smith	peter.smith@saipem.com	Saipem	YES
10	Dave Glennie	david.g@franklin.com.sg	Franklin Offshore	YES
11	Mark Ford	mark.ford@imca-int.com	IMCA	YES
12	Jennifer Evans	jennifer.evans@imca-int.com	IMCA	YES
13	Paul Nelson	paul.nelson@subsea7.com	Subsea 7	YES
14	Nico van der Wiel	nvanderwiel@hmc-heerema.com	Heerema	YES
15	Caspar Berends	caspar.berends@technipfmc.com	TechnipFMC	YES

Additionally, a working group was also underway to revise LR 002, the Crane specification document. Members of the working group were as follows:

No.	Name	Company	Email Address
1	Laura Lombardi	Usha Martin Italia	laura.lombardi@ushamartin.it
2	Arjo van Putten	NOV	arjo.vanputten@nov.com
3	Robin van Nieuwerk	Huisman	RvanNieuwerk@huisman-nl.com
4	Robert Askins	Global Maritime	robert.askins@globalmaritime.com
5	Alf Rune'Undheim	Global Maritime	
6	Marco Pedroso	SBM (South America)	Marco.pedroso@sbmoffshore.com
7	Mark Ford	IMCA	mark.ford@imca-int.com
8	Jennifer Evans	IMCA	jennifer.evans@imca-int.com

It was noted that all the above documents were available on the Committee Teams site.

5.5 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.

6 New/Future Technology and Scenarios

A discussion took place on technology in development and in use.

The subject LiDAR was mentioned as a tool that is increasingly being used for wind measurements in the offshore wind industry for lifting operations. Also, it was noted that wire rope usage remained an issue in the renewable industry and that rope manufacturers were looking into this challenge.

There was also system 'Claviate' that use cameras and artificial intelligence to record all activities onboard for safety and utilisation monitoring.

7 Involvement with other organisations

7.1 BSI/ISO/EN matters

The committee were updated as follows:

- 13852-1:2023 - Cranes — Offshore cranes — Part 1: General-purpose offshore cranes
 - Document out for vote – deadline is 23rd January 2025
- 13852-2:2023 - Cranes — Offshore cranes — Part 2: Floating cranes
 - Draft will be going out for comment very soon – the Word version was available in the meeting papers. However, it was mentioned that it would be better to await the official release in mid-December.

- ISO 16841:2014 (vers 2) - Steel wire ropes — Pulling eyes for rope installation — Types and minimum requirement
 - It was mentioned that if the committee decide to commence a Working Group to develop a new guidance document on pulling eyes, then we can use this ISO as a base document or reference. The committee noted that pulling eyes was a potential grey area, and there could be the opportunity for a common guideline, which would be explored at a later date.

Action: Jennifer Evans

7.2 LEEA

It was mentioned that IMCA had a meeting with LEEA on 13th December to discuss a proposal for collaboration and mutual membership. The committee would be informed of the outcome.

Action: Mark Ford

7.3 OMHEC

It was noted that the last OMHEC meeting was on Thursday, 7th November 2024, via Teams.

Minutes from the meeting are in the meeting papers.

The next OMHEC meeting will be held on Monday 7 April 2025 (10.00 am) at Havtil office in Stavanger and via Teams.

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

7.4 API and COS feedback

It was noted that there were no new updates from API. The API committee would not meet again until after the New Year.

Center of Offshore Safety (COS) Lifting Subcommittee

There were no new updates from CoS - The Q4 COS meeting was scheduled for 12 December 2024; and anything new would be shared with this committee.

7.5 DNV update

Mike Roberts provided the following update to the committee.

DNV-ST-N001: Marine operations and marine warranty. Mike had made some replies to the comments raised, and for the remainder, he sent them back to the person who made those updates. Mike said he would follow up soon to see how he was coming along with the replies.

DNV-ST-E271 2.7-1 Offshore Containers. The standard was amended with some minor typographic changes and updates to tables in Appendix D. It will be published shortly.

DNV-ST-E273 2.7-3 Portable offshore units. This was presently undergoing a general update with a focus on materials, alignment with other DNV standards and an update of references. This was expected to go to an external hearing in Q4 of 2024, but had been delayed.

DNV-ST-E281 Transportation and installation aids. There had been some progress on this and the standard was currently being worked on. It was early days in the development of the standard, so there was not much to report on when it would go to an external hearing. Note that it was likely that it would be given a different document number.

DNV-RP-N202 Motion compensating systems. This was issued in June 2024. Mike had been informed that there would be a roundtable with the JIP participants involved in the development of the RP with this held at the end of January 2025. The author would like to know if there was any feedback to the RP from IMCA members – technical comments or how it has been received.

The following were planned to have update work started on over the next year with nothing to report on the progress so far.

DNV-OS-E303 Offshore Fibre Ropes.

7.6 G+ Renewables

Mark provided a G+ update as follows:

The final meeting to review industry comments on the G+ lifting governance document took place, and the final draft was undergoing publication, which was anticipated January 2025.

The document will be co-branded with IMCA and the G+.

7.7 ABS

It was mentioned that ABS had just released its new Guide for Certification of Lifting Appliances.

Of particular interest was Chapter 2 – Guide for Certification of Cranes.

The document can be found in the Committee 'Reference' folder and the meeting papers.

7.8 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)

IOGP took part in the G+ lifting governance document.

8 Any other business

There was to be an IMCA DNOC event in Abu Dhabi at the Energy Centre. Volunteers were requested to present at the ADNOC seminar. Jack Spaan offered to assist with this and would be put in contact with IMCA's Technical Director.

Action: Jack Spaan, IMCA Technical Director.

9 Summary of action items

	Actions stemming from this meeting	Responsible	Target
1	Planning was to commence for the September 2025 seminar, which was to be held in London. The L&R Seminar workgroup will reconvene in January 2025.	L&R Seminar Workgroup	January 2025

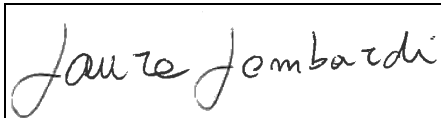
2	The committee were encouraged to look at LR 006 and comment in the committee document folder.	Jennifer Evans, LPMC Members	March 2025
3	The committee to decide whether to commence a Working Group to develop a new guidance document on pulling eyes	Jennifer Evans	March 2025
4	It was mentioned that IMCA had a meeting with LEEA on 13th December to discuss a proposal for collaboration and mutual membership. The committee would be informed of the outcome.	Mark Ford	January 2025
5	There was to be an IMCA DNOC event in Abu Dhabi at the Energy Centre. Volunteers were requested to present at the ADNOC seminar. Jack Spaan offered to assist with this and would be put in contact with IMCA's Technical Director.	Jack Spaan, IMCA Technical Director	Early January 2025

10 Date and location of the next meetings in 2025

The proposed initial dates for the next LPMC meetings were as follows:

- Wednesday 12th March – Teams
- Wednesday 11th June – Teams
- September – LPMC Evening dinner – to be aligned with the L&R Seminar
- September – Face to Face, IMCA offices – to be aligned with the L&R Seminar
- Wednesday 10th December – Teams

The above dates were to be confirmed by Jennifer Evans

	Laura Lombardi	19/03/2025
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Signed as a true record

Name

Date






Lifting & Rigging Management Committee

Final Audit Report

2025-03-19

Created:	2025-03-19
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