

Recap of the Cordage Institute Winter Technical Meeting

THANK YOU TO OUR MEETING SPONSORS!



On January 29-30, 2020, the Cordage Institute held its Winter Technical Meeting at the Kimpton Hotel Monaco in Philadelphia, PA. The two-day meeting consisted of Technical Subcommittee and Task Group meetings, as well as a meeting of the full Technical Committee.

Attendees enjoyed a lively group dinner at Cuba Libre, located a few blocks from the hotel, and reports from each Subcommittee and Task Group were provided.

3 and 8 Strand Ropes Subcommittee – Keith Buzzell, Chair

Keith Buzzell reported that CI-1501: Standard: Hardness Test Method, 3 and 8-Strand Fiber Rope completed its external ballot. Since the document did not receive any negative votes, it will go to the Board of Directors for final approval before publication.

ASME B30.9 Task Group – Greg D’Elia, Lead

Greg D’Elia reported that ASME’s B30.9 will be adding a new chapter on high-performance rope slings, and that an appendix has been added.

Boiler Plate Subcommittee – Keith Buzzell, Chair

Keith Buzzell reported that a Boiler Plate for Test Methods is being developed.

Braided Ropes Subcommittee – Keith Buzzell, Chair

Keith Buzzell reported that the subcommittee will need to review all the current manufacturing break strength tables in the subcommittee’s documents (CI-1310 through CI-1313). Keith asked all members who make these ropes to submit their break strength results to the Cordage Institute Technical Director, Sarah Padilla.

Coatings Subcommittee – Koen Van Goethem, Chair

Koen Van Goethem reported that CI-2013: Purpose and Application Methods of Overlay Finishes on Synthetic Fibers and Ropes completed its external ballot on January 27, 2020. Since the document did not receive any negative votes, it will go to the Board of Directors for final approval before publication.

Cut Protection Guideline Task Group – Greg D’Elia, Chair

Greg D’Elia reported the subcommittee is currently working on a draft of CI-2016: Cut Testing Guidelines. The draft will be sent to the subcommittee prior to the Annual Conference for comments, and it will be reviewed at that meeting.

Fiber Suppliers Subcommittee – Amy Jenkins, Chair

Amy Jenkins reported that CI 2003: Fibers for Cable, Cordage, Rope and Twine passed external ballot and was approved by the Board of Directors. However, the tradename of a company that recently resigned its membership appears in the fiber table. The subcommittee agreed to contact the former member about rejoining the CI. If the former member rejoins, the tradename will be included in the table.

Guidelines Subcommittee – Wes Conger, Chair

Wes Conger reported that prior to the meeting, CI-2001: Fiber Rope Inspection and Retirement Criteria was sent to all subcommittee members. During the subcommittee meeting, they reviewed comments and made the necessary updates. Wes noted that the subcommittee will be adding new photos. The subcommittee will have a meeting in March to review the remaining comments.

ISO Subcommittee – Loet Hoppe, Chair

Danielle Stenvers advised that Loet Hoppe submitted a report to be included in the minutes:

The following standards are in their final stage:

1. ISO 2307 – Fibre Ropes – Determination of Certain Physical and Mechanical Properties
2. ISO 9554 – Fibre Ropes – General Specification
 - a. Final draft sent February 18, 2020

The following standard in its final stages:

1. ISO 18692 – Part 3 – Fibre Ropes for Offshore Stationkeeping - HMPE
 - a. Voting closes April 30, 2020 (after the next ISO meeting).

The following standards are under revision:

1. ISO 1140 – Fibre Ropes – Polyamide 3, 4, 8, and 12 strand ropes
2. ISO 1141 – Fibre Ropes – Polyester 3, 4, 8, and 12 strand ropes
3. ISO 1346 – Fibre Ropes – Polypropylene 3, 4, 8, and 12 strand ropes
4. ISO 1968: Fibre Ropes and Cordage - Vocabulary. Needs to be rewritten. Once that has been done, it can be proposed as a new item.
5. Revision of ISO 18264 Textile slings — Lifting Slings for General Purpose Lifting Operations Made from Fiber Ropes — High Modulus PolyEthylene (HMPE) will be prepared as a new item.

The next ISO Meeting is planned for March 23-24, 2020 in Antwerp.

Life Safety Applications Subcommittee – Josh Walls, Chair

Josh Walls reported that CI-2004: Safe Use of Life Safety Rope will be going to internal ballot.

OCIMF MEG Task Group – Amy Jenkins

Amy Jenkins reported that the OCIMF MEG Task Group had a productive meeting. Fabien Khouri from Bureau Veritas called in to give a presentation on MEG4. The subcommittee had a plethora of comments and concerns so the task group will be scheduling a conference call to clear up the remaining questions.

Circular Economy/Life Cycle Management Subcommittee – Koen Van Goethem, Chair

Koen Van Goethem advised that the subcommittee has changed its name from the Plastic Waste Management Subcommittee to the Circular Economy/Life Cycle Management Subcommittee. The subcommittee plans to develop a one-page document outlining what the Cordage Institute is doing to address this issue.

Roundslings Subcommittee – Greg D’Elia, Chair

Greg D’Elia reported that a draft of CI-1905: Synthetic Roundslings has been reviewed by the subcommittee members. Based on the comments received thus far, Greg will add a statement on not using the rope for lifting and towing. A conference call will be scheduled before the Annual Conference to address the remaining comments. After the call, Greg will submit the document for internal ballot.

Terminology Subcommittee – Patrick Yerger, Chair

Patrick Yerger submitted a report indicating that an updated version of CI-1202: Terminology for Fiber Rope Used in Standards and Guidelines will be sent to the subcommittee members for review.

Testing Procedures Subcommittee – Keith Buzzell, Chair

Keith Buzzell reported that the subcommittee reviewed the comments from the CI-2014: Cylic Bend Over Sheave (CBOS) Testing Guidelines for Synthetic Fiber Ropes internal ballot, and he noted that John Flory withdrew his negative vote. The document will be sent to the TOC to determine if the changes made since the last ballot require another internal ballot or if the document will proceed to an external ballot.

Keith also reported that CI-1503: Test Method for Yarn-on-Yarn Abrasion completed its external ballot. Since the document did not receive any negative votes, it will go to the Board of Directors for final approval before publication.

Rotating Wheel Abrasion Guideline – John Flory, Lead

John Flory reported that CI-1504: Rotating Wheel External Abrasion Test Method for Synthetic Fiber Ropes completed its internal ballot. He was able to address most of the negative comments during the subcommittee meeting, and the consensus of the subcommittee is that the document should be switched to a guideline. The document will be drafted as such, and re-balloted. John noted that the document will need a new number.

The next Technical Committee meeting will be held virtually on Wednesday, June 3rd and Thursday, June 4th.