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# Highlights of the February 2022 Virtual Technical Meeting

On February 2-3, 2022, the Cordage Institute held its latest virtual Technical Meeting. The two-day meeting consisted of Technical Subcommittee and Task Group meetings, as well as a meeting of the full Technical Committee. During the full Technical Committee Meeting, reports from each Subcommittee and Task Group were provided.

## **CIRTS Report – Danielle Stenvers, Chair**

Danielle Stenvers reported that CI 1505 – Standard: Fiber Rope Static Bend Test Method was being prepared for internal ballot, and that rope abrasion was identified as their next work item. An abrasion test equipment survey was sent to Cordage Institute and Eurocord members, and the results, which would be tabulated by Sarah Padilla, would be used as a reference for the development of abrasion test methods.

## **ASME B30.9 Task Group – Greg D’Elia, Chair**

Greg D’Elia reported that a new version of ASME B30.9 was published with a non-mandatory appendix on cut protection.

## **Boiler Plate Subcommittee – Matt Hume, Chair**

Matt Hume reported that the subcommittee was continuing to work on a draft of a Boiler Plate document for Testing Guidelines.

## **Braided Ropes Subcommittee – Matt Hume, Chair**

Matt Hume reported that the subcommittee reviewed the following documents.

- CI 1305 – Standard: Polyester (PET) Fiber Rope, 12-Strand Single Braid Construction
- CI 1310 – Standard: Nylon (Polyamide) Fiber Rope, Double Braid Construction
- CI 1311 – Standard: Polyester (PET) Fiber Rope, Double Braid Construction
- CI 1312 – Standard: Nylon (Polyamide) Fiber Rope, 12-Strand Single Braid Construction

Sarah Padilla advised that CI 1305 was the only document that required updates to the values in the Physical Properties Table, and that she was waiting for information from the manufacturers who submitted data.

Action: Sarah Padilla would work with Matt Hume to prepare CI 1305, CI 1310, CI 1311, and CI 1312 for an internal ballot.

## **Cut Protection Guideline Task Group – Greg D’Elia**

Greg D’Elia reported that a draft of CI 2016 – Guideline: Cut Testing Guidelines was posted on OneDrive for review by the task group. He was exploring the possibility of collaborating with the Web Sling and Tie Down Association (WSTDA) on the development of the document.

**Action:** Greg D’Elia would continue to work on a draft of CI 2016.

## **Fiber Suppliers Subcommittee – Amy Jenkins, Chair**

Amy Jenkins reported that changes to the High Tenacity Fiber Chart in CI 2003 – Comparative Reference: Fibers for Cable, Cordage, Rope and Twine would be sent out for internal ballot.

**Action:** Amy Jenkins would submit changes to the High Tenacity Fiber Chart in CI 2003 for an internal ballot.

#### **Guidelines Subcommittee – Wes Conger, Chair**

Wes Conger reported that CI 2001 – Guideline: Inspection and Retirement Criteria for Fiber Rope completed an internal ballot, and the top priority ballot comments were reviewed.

**Action:** Wes Conger would contact Knut Buschmann to resolve his comments and concerns.

**Action:** Wes Conger would schedule a follow-up meeting with the subcommittee to review and resolve any remaining comments.

#### **ISO Subcommittee – Loet Hoppe, Chair**

Loet Hoppe reported on the status of ISO documents, and he noted that Cordage Institute members who were interested in CEN work could participate if they had a representative in a European country. If not, they could contact Sarah or him, and they would be happy to provide information.

#### **Life Cycle Management Subcommittee – Koen Van Goethem, Chair**

Koen Van Goethem reported that a draft of the subcommittee's scope was finalized and would be submitted to the Board of Directors for approval.

**Action:** Koen Van Goethem would submit a draft of the subcommittee's scope to the Board of Directors for approval.

**Action:** The subcommittee would draft a detailed flowchart with all the different steps and possibilities of recycling after collection.

**Action:** The subcommittee would invite experts from companies involved in the following fields to present at a future meeting: reuse/repurpose, mechanical recycling, chemical recycling, and energy recovery.

#### **Life Safety Applications Subcommittee – Josh Walls, Chair**

Josh Walls reported that a draft of CI 2004 – Guideline: Safe Use of Life Safety Rope completed an internal ballot. There were no negative votes, and the submitted comments would be addressed with editorial changes.

**Action:** Josh Walls would prepare an updated draft of CI 2004 for an external ballot.

**Action:** Josh Walls would change the 90% strength temperature of Twaron from 121c to 100c in order to be consistent with CI 2003 – Comparative Reference: Fibers for Cable, Cordage, Rope and Twine. This change would be noted when the document and ballot history were submitted to the Board of Directors for final approval.

#### **OCIMF MEG4 Task Group – Amy Jenkins**

Amy Jenkins reported that Mark Huntley agreed to serve as the task group's new Vice Chair.

## **Reduced Recoil Risk Rope Subcommittee – Elizabeth Huntley, Chair**

Beth Huntley reported that the following documents were up for 5-year review:

- CI 1903 – Standard: Aramid Fiber Rope 4-strand Construction – Reduced Recoil Risk
- CI 1904 – Standard: HMPE Fiber Rope 4-strand Construction – Reduced Recoil Risk
- CI 1908 – Standard: HMPE Fiber Rope 12-strand Construction – Reduced Recoil Risk

**Action:** Beth Huntley would submit reformatted versions of CI 1903, CI 1904, and CI 1908 for an internal ballot.

## **Roundslings Subcommittee – Greg D’Elia, Chair**

Greg reported that a draft of CI 1905 – Standard: Synthetic Roundslings completed an internal ballot. Two negative ballots were submitted, but the negative ballot submitted by Yale Cordage was withdrawn by Matt Hume. The second negative ballot was submitted by Knut Buschmann with Uniropo Ltd, but Mr. Buschmann was unable to attend the meeting.

**Action:** Greg D’Elia would contact Knut Buschmann about his negative vote.

**Action:** Greg D’Elia would update CI 1905 based on submitted comments, and any technical changes would be sent out for an internal ballot.

## **Small Cords and Twines Subcommittee**

Amy Jenkins reported that the subcommittee still needed a volunteer to serve as the Chair. Pete Lance noted that if there was no interest, the subcommittee would be listed as inactive.

## **Terminology Subcommittee – Patrick Yerger, Chair**

Brian Zall reported that CI 1202 – Standard: Terminology for Fiber Rope was in the final stages of revision with three definitions under discussion. The subcommittee was working with the individuals about their comments for each definition, and anticipated that a draft of the document would be submitted for an internal ballot prior to the next meeting.

**Action:** Patrick Yerger would prepare a draft of CI 1202 for an internal ballot.

## **Testing Procedures Subcommittee – Matt Hume, Chair**

Matt Hume reported that CI 1500A – Standard: Test Methods for Fiber Rope, Physical Properties and CI 1500B – Standard: Test Methods for Fiber Rope, Performance Properties were up for 5-year review. The subcommittee was also taking the lead in developing CI 1506 – Standard: CBOS Test Method.

**Action:** Matt Hume would prepare drafts of CI 1500A and CI 1500B for an internal ballot.

**Action:** Sarah Padilla would send the CBOS documentation to Matt Hume so the subcommittee could work on preparing a draft of CI 1506.

## **Yarn-on-Yarn Task Group – Loet Hoppe, Chair**

Loet Hoppe reported that the work being done by the task group was on track, and that they were still waiting on results from some of the testing participants. In addition, Brilen Tech, S.A. agreed to send twisted yarn samples for further analysis.