



ROPELESS CONSORTIUM
Annual Meeting

21-22 October 2024
Renaissance Providence Downtown Hotel

With Special Attendee (Onsite & Remote) Programming on 22 October 2024

MEETING FORMAT AND AGENDA

Pre-Meeting:

Prior to the meeting, all registered participants will receive a unique meeting site login code that will allow them to view all pre-recorded presentations in advance of the meeting. All underlined presentations should be viewed **in advance of the meeting** as they will not be shared live. Those presentations that are not underlined will be shared **live** during the meeting. The six-digit number preceding the presentation title corresponds to the video number on the meeting site. Please note that presentations that are to be viewed live will be uploaded to the meeting site **post meeting**, and therefore have six-digit codes as well.

Participants (both onsite and remote) may submit questions/comments for presenters in advance of the meeting using the question submission link on the meeting page.

Live Meeting:

Remote participants will be able to view the meeting, including live presentations and discussions, using the zoom access links on the meeting site.

Following any live presentations within a session, a discussion panel will take place with all presenters within that session. Presenters who are onsite will gather at the front of the auditorium and presenters who are remote will be pinned to the top of the zoom meeting and visible to onsite participants. The panel will take questions/comments from both onsite and remote meeting participants. Remote participants will be able to come off mute to ask their questions and/or can submit via the zoom chat.

All meeting materials (both static and live) are intended for registered participants only and may not be shared in any capacity. All participants have agreed to the meeting Code of Conduct. There is no external recording (including but not limited to video, audio, screenshots, or photography) or sharing (including social media) of any material (including but not limited to presentations, presentation content, discussions) without explicit consent of the presenter, speaker, moderator, etc. The meeting will be recorded to facilitate the synthesis of meeting notes to be distributed to participants only.

The Ropeless meeting is CLOSED to the press.

*A login is required to access the Meeting page via the NARWC website (www.narwc.org)

*Time listed are EDT

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Meeting Site Information

The onsite meeting will take place at the **Renaissance Providence Downtown Hotel**. We will be using three levels of the venue during our meeting. Additionally, registration check-in will take place in the hotel lobby.

Access to each of the floors below is available by both stairs and elevators.

The Symphony Ballroom Floor

Symphony Ballroom Theater

- 10/21-10/22 Main Meeting Room
- 10/22 Workshops
- 10/22 Screening of film *Right Whale Stories*

Symphony Ballroom Floor Lobby

- 10/21-10/22 Breakfast/Break buffet set up
- 10/21 Reception bar and passed hors d'oeuvres

Coat Check Room

- Late check in for meeting material pick up

Mezzanine Level

Beethoven and Mozart Rooms

- 10/21 Exhibitor Tables
- 10/22 Workshops

Mezzanine Level Lobby

- 10/21 Reception passed hors d'oeuvres

Temple Level

Haydn, Handel, 33rd Degree Room

- 10/21-10/22 Dining and Breakout Session seating

Public Kitchen and Bar

- 10/21-10/22 Lunch buffet (10/21 only) and dining seating

Temple Level Lobby

- 10/21 Lunch buffet
- 10/21 Reception bar and passed hors d'oeuvres

Temple Board Room

- By reservation only

Hotel Lobby

- 10/21 and 10/22 Check In

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ROPELESS AND NARWC 2024 ANNUAL MEETINGS SPECIAL PROGRAMMING Tuesday, October 22, 2024

Workshops

There are several workshops being held on the afternoon of October 22, 2024. These are independently organized - please see Workshop page at narwc.org for more information and registration information.

1:00-2:30PM: New England Gear Innovation Fund Grantee Workshop (Symphony Ballroom Theater)

1:00-2:00PM: Underwater Acoustics for On-Demand Fishing (Mozart Room)
On water demo to follow workshop at TBD location

2:00-3:00: Nutahshay8ôk Peetôp: My Family Whale (Beethoven Room)

2:00-4:00PM: New advancements in the EdgeTech On Demand Fishing System and Trap Tracker (Mozart Room)

2:30-4:00PM: NMEA Standards for Gear Integration Workshop (Symphony Ballroom Theater)

Special Remote Attendee Evening Programming

Symphony Ballroom Theater, Renaissance Providence Downtown Hotel
Zoom link for remote attendance posted on meeting page

4:30-6:00PM Film Premiere: The Right Whale

Moderators: Cheryl and Nick Dean, Spindrift Images

Panelists: Regina Asmutis-Silvia, Whale and Dolphin Conservation
Tonya Wimmer, Marine Animal Response Society
Alex Zerbini, NOAA Fisheries

Southern right whales are one of the greatest conservation success stories of our time. In contrast, Northern right whales are facing extinction. *The Right Whale* reveals the mysterious lives and behavior of individual right whales around the world. We follow scientists using cutting edge technologies as they strive to solve the puzzle of why some whales are thriving and others struggling, posing solutions to help ensure the whales can coexist with us. These are contrasting environmental stories that explore our relationship with wildlife and our commitment to sustainability and biodiversity preservation in the increasingly industrialized ocean.

Join us for a special screening of the film and a panel discussion with some of the film's featured scientists.

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ROPELESS CONSORTIUM 2024 ANNUAL MEETING
Monday, October 21, 2024

- 730-830AM** **Check in – Hotel Lobby**
Continental Breakfast (Symphony Ballroom Level)
If you arrive after the start of the meeting, please check in at the coat check room during a break.
- 830AM** **Opening / Keynote**
- 900AM** **Session 1: Trials**
Moderated by: Regina Asmutis-Silvia, Whale and Dolphin Conservation
- 01.01.01 **Results from six years of trialing on-demand gear to support use, development and management in Canadian fisheries**
• *Elizabeth Vezina, Canadian Wildlife Federation*
- 01.01.02 **Innovative strategies for reducing North Atlantic right whale entanglements in snow crab fishing gear: A collaborative approach in the Gulf of St. Lawrence**
• *Philippe Cormier, CORBO Engineering*
- 01.01.03 **Alternatives to reduce the risk and severity of entanglements of North Atlantic right whales with snow crab fishing gear in the southern Gulf of St. Lawrence**
• *Lyne G. Morissette, M - Expertise Marine*
- 01.01.04 **Innovative solutions for whale entanglement in California: Advances in Dungeness Crab pop-up gear testing and the launch of a gear lending library**
• *Greg Wells, National Marine Sanctuary Foundation*
- 1000AM** **Session 2: Ropeless Fishing**
Moderated by: Michael Moore, Woods Hole Oceanographic Institution
- 01.02.01 **Update on on-demand fishing in the US Northwest Atlantic: Experimental fisheries, and gear conflict mitigation**
• *Megan Amico, Northeast Fisheries Science Center*
- 01.02.02 **Introduction to the Maine Innovative Gear Library**
• *Briony Donahue, Maine Department of Marine Resources*
- 01.02.03 **On-demand gear research update from the Massachusetts Division of Marine Fisheries**
• *Erin Burke, MA Division of Marine Fisheries*
- 01.02.04 **An update on CanFISH: An evaluation-based on-demand gear lending program to support fish harvesters affected by closures in Atlantic Canada**
• *Hanna Vatcher, Canadian Wildlife Federation*
- 01.02.05 **On-demand gear innovations lead to operational viability in a large-scale fishery - California Spring Dungeness Crab**
• *Ryan Halonen, Sub Sea Sonics*
- 1115AM** **Break** (Symphony Ballroom Level)

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1145PM Session 3: Harvester Panel
Moderated by: Elizabeth Vézina, Canadian Wildlife Federation

1245PM Lunch

200PM Session 4: Gear Location Marking
Moderated by: Mark Baumgartner, Woods Hole Oceanographic Institution

01.04.01 An interoperable chart plotter and deckbox for on-demand gear marking

- *Bob Melvin, Teledyne Benthos*

01.04.02 Proposed chart plotter interface standard for ropeless fishing equipment employing NMEA messaging standards

- *Harold Vincent, Ropeless Systems, Inc.*

01.04.03 A proposed experimental assessment of gear-location marking strategies for high-density fisheries

- *Hannah Drake, Canadian Wildlife Federation*

01.04.04 Plotter link to display gear positions for ropeless gear interoperability

- *Kortney Opshaug, Blue Ocean Gear*

01.04.05 Development of a cloud based integrated web and mobile platform for tracking on-demand fishing gear

- *Doug Poirier, EarthRanger*

330PM Session 5: Interoperability
Moderated by: Sean Brilliant, Canadian Wildlife Federation

01.05.01 Towards practical virtual gear marking for harvesters and fishery inspectors

- *Marco Flagg, Desert Star Systems LLC*

01.05.02 Continued development of Fontus for gear location marking, gear retrieval, lost gear recovery and enforcement

- *Mark Baumgartner, Woods Hole Oceanographic Institution*

01.05.03 Considerations for on-demand fishing gear interoperability standards

- *Justin Tufariello, The MITRE Corporation*

01.05.04 Developing interoperability standards to support an operational on-demand fishing program

- *Brett Alger, NOAA Fisheries*

500PM Day 1 Wrap

530-700PM Onsite Reception

- Bars located on Symphony Ballroom and Temple Levels
- Passed hors d'oeuvres on Symphony Ballroom, Mezzanine, and Temple Levels

Exhibitor Session

- Beethoven and Mozart Rooms (Mezzanine Level)

The talks underlined below are pre-recorded and should be viewed in advance of the meeting. The presenters will be available during the exhibitor session for questions about their technology and work in the Ropeless/On-Demand space.

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- Exh. 1 **EdgeTech Ropeless 5112 On Demand Fishing System, Trap Tracker CAPRI testing and hardware updates for 2024**
- *Robert Morris, EdgeTech*
- Exh 2 **DiveNET: FTW (For The Whales)**
- *Gene, Pierre Bivol, Badin, Founders of DiveNET Subsea Wireless*
- Exh 3 **SMELTS sustainable marine environmental line technology solutions for fixed gear fisheries**
- *Richard Riels, SMELTS.org*
- Exh 4 **LiftLabs: Lessons learned while developing and testing offshore ropeless gear with fishermen in New England and Australia**
- *Cormac Hondros-McCarthy, LiftLabs*
- Exh 5 **Summary of real-time acoustic gear location and recovery testing and commercial fishing operations**
- *Harold Vincent, Ropeless Systems, Inc.*

Additional exhibitors include the following groups:

Blue Ocean Gear

- Kortney Opshaug

AMIK

- Amanda Quiros

Teledyne Marine Benthos

- Carl Mancuso

Acbotics Research, LLC

- Erin Fischell

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730-830 AM Check in – Hotel Lobby

Continental Breakfast (Symphony Ballroom Level)

If you arrive after the start of the meeting, please check in at the coat check room during a break.

830AM Session 1: Enforcement

Moderated by: Erica Fuller, Conservation Law Foundation

930AM Session 2: Moving Ropeless Forward/Management

Moderated by: Amy Knowlton, New England Aquarium

02.02.01 Engagement on the development of Canada’s Whalesafe Gear Strategy

- *Cathy Merriman, Fisheries and Oceans Canada (DFO)*

02.02.02 Evaluation of the economic impacts for the on-demand fishing gear on American lobster fisheries in the northeast United States

- *Kaleigh Hill, Integrated Statistics/Greater Atlantic Regional Fisheries Office*

02.02.03 Successes in pop-up fishing in California fisheries will help the state advance towards commercial authorization of pop-up technology

- *Francine Kershaw, Natural Resources Defense Council*

02.02.04 Progress update of on-demand gear in the U.S. South Atlantic black sea bass pot fishery

- *Kara Shervanick, NOAA Fisheries Southeast Regional Office*

1030AM Break

1100AM Open Forum

1200PM Meeting Wrap and Close

Please note – lunch is not provided on this day. Participants attending workshops should plan to grab a bite to eat before heading to those.

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