



# Fall Convention & Board of Directors' Meeting

PITTSBURGH, PA, THE FAIRMONT

## Wednesday, October 20, 2021

5:00 p.m. –	<b>Board Meet &amp; Greet</b>	Grand Ballroom
6:00 p.m.	<i>Board Members Only</i>	North
6:00 p.m. –	<b>Welcome Reception</b>	Grand Ballroom
7:30 p.m.	<i>All Members &amp; Invited Guests Welcome</i>	Foyer

## Thursday, October 21, 2021

6:45 a.m. –	<b>Jogging Tour of Pittsburgh</b>	Hotel Lobby
7:45 a.m.	<i>All Members &amp; Invited Guests Welcome; Meet in Hotel Lobby</i>	
8:00 a.m. –	<b>Networking Breakfast</b>	Grand Ballroom
9:00 a.m.	<i>All Members &amp; Invited Guests Welcome</i>	Foyer
9:00 a.m. –	<b>Board of Directors' Meeting</b>	Grand Ballroom
12:00 p.m.	<i>All Members Welcome (see separate agenda)</i>	
12:00 p.m. –	<b>Lunch Break</b>	
2:00 p.m. –	<b>Fall Convention Educational Session I</b>	Grand Ballroom
5:00 p.m.	<i>All Members &amp; Invited Guests Welcome</i>	
2:00 p.m. –	<b>Chairman's Welcome &amp; Safety Briefing</b>	
2:15 p.m.	<i>Mr. Del Wilkins, Illinois Marine Towing, Inc.</i>	
	Welcome from AWO Chairman Del Wilkins and participant self-introductions.	



- 2:15 p.m. – **Welcome from Secretary of Transportation Pete Buttigieg**  
 2:25 p.m. *The Honorable Pete Buttigieg, Department of Transportation*
- Secretary Buttigieg welcomes AWO members to the Fall Convention in pre-recorded remarks, shares his priorities of creating the safest, most efficient and modern transportation system in the world, and discusses how our industry can work with the Department of Transportation to strengthen the safety, sustainability, efficiency, and resiliency of the national supply chain.
- 2:25 p.m. – **Greetings from NTSB Chair Jennifer Homendy**  
 2:35 p.m. *The Honorable Jennifer Homendy, National Transportation Safety Board*
- Jennifer Homendy joins us by video to discuss her priorities as the newly confirmed Chair of the NTSB and, drawing from her work across transportation modes, to share her insights on how our industry can engage mariners in building and sustaining strong safety cultures.
- 2:35 p.m. – **Current Challenges of the COVID-19 Pandemic**  
 2:50 p.m. *Ms. Stefanie White, Centers for Disease Control and Prevention*
- A briefing from the CDC Global Migration Task Force’s Maritime Unit Co-Lead on the forecast for COVID-19 cases and status of national vaccination efforts as well as recent CDC efforts to revise its guidance and mask order for the maritime industry.
- 2:50 p.m. – **The COVID-19 Pandemic’s Impacts on Mariner Mental Health**  
 3:15 p.m. *Dr. Marissa Baker, University of Washington School of Public Health*
- As front-line, essential critical infrastructure workers, mariners have been bearing the brunt of the stresses of keeping the supply chain moving through the COVID-19 pandemic. Dr. Marissa Baker, Assistant Professor at the University of Washington’s School of Public Health, led a recent survey of mariners to assess their mental health needs supported by the Centers for Disease Prevention and Control and the U.S. Committee on the Maritime Transportation System. She will share her findings with us, focusing on impacts to mariners in the tugboat, towboat, and barge industry.
- 3:15 p.m. – **Scheduled Break**  
 3:30 p.m.
- 3:30 p.m. – **Planning for the Workforce of the Future**  
 4:20 p.m. *Ms. Mary Abbajay, Careerstone Group, LLC.*  
*Ms. Sarah Perry McGee, James Transportation LLC*  
*Mr. Mike Reagoso, McAllister Towing*
- Mary Abbajay, an expert consultant on the creation of dynamic and productive 21<sup>st</sup>-century workplaces, tells us how the workforce is evolving, then moderates a discussion among a panel of industry human resource experts on hot button issues facing AWO member companies, from hiring, recruitment, and retention to diversity and inclusion and challenges around the legalization of cannabis.



4:20 p.m. – **Perspective on Mental and Physical Wellness from Professional Athletes:**  
 5:00 p.m. **Applications for the Maritime and Transportation Workforce**

*Mr. Del Wilkins, Illinois Marine Towing, Inc.*  
*Mr. Mark Cavicchia, RC21X*  
*Mr. Steve Clark, Select Medical*  
*Mr. Roberto Clemente, Jr., Former Major League Baseball*  
*Mr. Gus Frerotte, Former National Football League*

Our Chairman will lead a panel of former professional athletes to discuss lessons learned in wellness. They will share their experiences with overcoming physical and mental obstacles throughout their careers.

5:30 p.m. – **Fall Convention Reception** Grand Ballroom  
 7:00 p.m. *All Members & Invited Guests Welcome* Foyer

7:30 p.m. – **Fall Convention Social Dinner**  
 9:30 p.m. **Sponsored by Campbell Transportation Company**  
*All Members & Invited Guests Welcome\**



The Duquesne Club

## Friday, October 22, 2021

7:30 a.m. – **Congressional Breakfast with Senator Bob Casey (D-PA)** Knox  
 8:30 a.m. *All Members & Invited Guests Welcome\*\**

8:00 a.m. – **Networking Breakfast** Grand Ballroom  
 8:30 a.m. *All Members Welcome* Foyer

8:30 a.m. – **Fall Convention Educational Session II** Grand Ballroom  
 12:00 p.m. *All Members & Invited Guests Welcome*

8:30 a.m. – **President’s Welcome & Safety Briefing**  
 8:45 a.m. *Ms. Jennifer Carpenter, The American Waterways Operators*

Welcome from AWO President & CEO Jennifer Carpenter and participant self-introductions.



8:45 a.m. – **Technological Change, Regulation, and Policy: The Coast Guard’s**  
9:30 a.m. **Perspective**

*RADM John Mauger, U.S. Coast Guard*

Technological innovation is enabling big gains in industry safety, efficiency, and environmental stewardship – so how is our industry’s biggest regulator, the U.S. Coast Guard, keeping pace with the rapidly evolving technology landscape? Rear Admiral John Mauger, Assistant Commandant for Prevention Policy, will discuss what the Coast Guard sees as the most significant opportunities and challenges, from automated and autonomous systems to low-carbon and zero-carbon technologies to cyber risk management, and describe the agency’s initiatives to facilitate the integration of new technologies through its regulations, policy, and processes.

9:30 a.m. – **THE DECARBONIZATION CHALLENGE: TECHNOLOGICAL APPLICATIONS TO**  
10:00 a.m. **REDUCE ENGINE EMISSIONS IN THE TUGBOAT, TOWBOAT AND BARGE**  
**INDUSTRY**

**PART 1**

***Decarbonization of the Inland Waterway Sector in the United States:***  
**Present Performance and Potential Paths Forward**

*Dr. Leah Dundon, Vanderbilt University*  
*Mr. David Sehart, Ingram Barge Company (retired)*

To date, discussions about decarbonization in the maritime industry have focused on global shipping. But what is the carbon footprint of the inland tugboat, towboat, and barge industry, and what technologies to reduce greenhouse gas emissions are most likely to be available, scalable, and successful in that sector? Dr. Leah Dundon is the lead author of a study supported by the American Bureau of Shipping attempting to answer those questions, and she will be joined by co-author David Sehart to discuss their findings on the sector’s greenhouse gas emissions profile and potential pathways to decarbonization.

10:00 a.m. – **Scheduled Break**  
10:15 a.m.

10:15 a.m. – **THE DECARBONIZATION CHALLENGE: PART 2**  
10:45 a.m. **From Sea Wolf to eWolf:**  
**Constructing the First All-Electric U.S. Harbor Tug**

*Mr. Coulston van Gundy, Crowley Maritime Corporation*  
*Mr. David Lee, ABB Marine & Ports Inc.*

Electrification is a leading edge of industry decarbonization, and Crowley Maritime Corporation’s *eWolf* will be the first zero-emission, all-electric powered harbor tugboat in the U.S. and the third in the world. Find out why Crowley chose to build an all-electric tug and how the *eWolf*’s design and technology are adapted to the operational challenges, like bollard pull requirements and recharging time, of high-powered tugs performing ship assist and escort work now and into the future.





10:45 a.m. – **THE DECARBONIZATION CHALLENGE: PART 3**

11:15 a.m. **Making It Work in the Real World:  
Engineers Discuss Opportunities and Challenges**

*Mr. Mike Stone, Canal Barge Company*

*Mr. David Lee, ABB Marine & Ports Inc.*

*Mr. Daniel Yuska, U.S. Maritime Administration*

While alternative fuels and propulsion systems are under discussion as potential ways to drive down the maritime industry's greenhouse gas emissions, many of these technologies are in early stages of development and their deployment may feel far-off for most AWO members. However, there are numerous options on the market today to assist you in reducing the environmental impact of your operations. Learn more about how low-emission engines, hybrid diesel-electric propulsion, and data-driven tools to optimize fuel consumption can be implemented to reduce environmental impact and increase sustainability, and about pathways to obtain government support.

11:15 a.m. – **Cybersecurity: Risk and Resiliency**

12:00 p.m.

*Mr. Matthew Butkovic, Software Engineering Institute, Carnegie Mellon University*

While cybersecurity may seem like a new frontier, Carnegie Mellon University's Software Engineering Institute has been working with government agencies and private industry since 1984 to meet and anticipate software and cybersecurity needs and remains a leader in the field. Matthew Butkovic of SEI's CERT Division will help senior executives understand what you need to know about our industry's cyber vulnerabilities and what you can do to strengthen your organization's cyber awareness and readiness to prevent operational disruption.

- \* Additional cost to participate; please contact Anne Fazzini at [a.fazzini@americanwaterways.com](mailto:a.fazzini@americanwaterways.com) with questions and for additional information.
- \*\* Political campaign contribution required to attend; please contact Joe Manion at [jmanion@americanwaterways.com](mailto:jmanion@americanwaterways.com) with questions and for additional information.



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