

WEDNESDAY, MAY 30

12:30 pm BC FERRIES FMU TOUR

REGISTRATION & EXHIBITORS' SETUP

5:00 pm OPENING RECEPTION – Sponsored by Neptune Bulk Terminals Ltd.

-Exhibit hall

THURSDAY, MAY 31

7:30 am REGISTRATION & BREAKFAST

-Exhibit hall

GREEN MARINE AGM (by invitation)

-Point Grey

BUILDING PARTNERSHIPS FOR SUSTAINABLE SHIPPING

-Pinnacle 1 & 2

Welcoming address: David Bolduc, Executive Director, Green Marine

- 8:45 am
- Robin Silvester, CEO, Vancouver Fraser Port Authority
 - Kurt Beckett, Deputy CEO, Northwest Seaport Alliance
 - Megan Leslie, CEO, World Wildlife Fund Canada

10:00 am COFFEE BREAK & EXHIBITION VISIT

-Exhibit hall

AQUATIC INVASIVE SPECIES (BIOFOULING)

-Point Grey

Moderator: Carleen Lyden Walker, NAMEPA

- 10:30 am
- Paul Holthus, World Ocean Council – Glofouling project: addressing biofouling and AIS through industry collaboration
 - Jason Scherr, Prince Rupert Port Authority & Tom Therriault, Fisheries and Oceans Canada – A collaborative science-based approach to AIS monitoring on British Columbia's North Coast
 - Simon Doran, HullWiper Limited – The hull cleaning evolution and battle against cross-pollination

IMPROVING WATERFRONT COEXISTENCE

-Pinnacle 1 & 2

Moderator: Gerry O'Keefe, Washington Public Ports Association

- Kim Stegeman-Lowe, Squamish Terminals – Dock rebuilt after fire
- Jon Sloan, Port of Seattle – Becoming carbon neutral: designing a kelp, eelgrass and shellfish carbon sequestration pilot project
- Lisa Dooling, Neptune Bulk Terminals – Building and Measuring Community Trust for a Bulk Terminal

12:00 pm LUNCH

-Pinnacle 1 & 2

PLENARY PANEL: UNDERWATER NOISE AND MARINE MAMMALS

-Pinnacle 1 & 2

Moderator: Bruce Burrows, Chamber of Marine Commerce

- 1:15 pm
- Krista Trounce, Vancouver Fraser Port Authority – ECHO Program vessel slowdown trial: results and next steps
 - Kevin Bartoy, Washington State Ferries & Leslie James, British Columbia Ferry Services Inc. – British Columbia and Washington State Ferries mitigating impacts on marine mammals during terminal construction and ferry sailings
 - Lee Kindberg, Maersk Line – Sound, emissions and energy efficiency: Is there an optimal solution?
 - Michael Jasny, Natural Resources Defense Council – Achieving quiet-ship design in new-builds and retrofits
 - Michelle Sanders, Transport Canada – Understanding and managing underwater vessel noise: supporting recovery of the southern resident killer whale and other endangered whales

3:00 pm COFFEE BREAK & EXHIBITION VISIT

-Exhibit hall

SUSTAINABLE DEVELOPMENT IN TIMES OF TRAFFIC GROWTH

-Point Grey

Moderator: Kevin Obermeyer, Pacific Pilotage Authority

- 3:30 pm
- Brian Kirk and Scott J. Ferguson, Washington State Department of Ecology – Vessel traffic and risk analysis for Washington waters
 - Edward Page, Marine Exchange of Alaska / Buddy Custard, Alaska Maritime Prevention and Response Network – Implementation of risk mitigation measures and response options in the Pacific
 - Jennifer Sletten, ProtectedSeas – Marine-managed area mapping: Creating a comprehensive public resource to explore MMAs and their associated rules and regulations
 - Monica Hilborn, Environment and Climate Change Canada – Visualizing marine emissions in Canadian waters

INTEGRATING SUSTAINABILITY WITHIN CORPORATE CULTURE

-Pinnacle 1 & 2

Moderator: Thomas Gregoire, Green Marine

- Stephanie Bertels, The Embedding Project / Centre for Corporate Governance and Sustainability – Embedding sustainability into culture
- Giles Pettifor, Port of Hueneme/Oxnard Harbor District – Port Hueneme: a case study of integrating sustainability into the operations of a working seaport
- Joshua Berger, State of Washington – Washington Maritime BLUE: strategy for accelerating innovation for sustainable maritime industry

6:30 pm CERTIFICATION COCKTAIL – Sponsored by GCT Global Container Terminals Inc.

-Vancouver Aquarium

FRIDAY, JUNE 1

7:30 am

BREAKFAST & EXHIBITION VISIT

-Exhibit hall

8:30 am

PUBLIC ENGAGEMENT: TOOLS AND STRATEGIES FOR EFFECTIVE INFORMATION SHARING

-Pinnacle 1 & 2

Moderator: Peter Ellis, Clear Seas Centre for Responsible Marine Shipping

- Hartleigh Caine, TOTE – Communicating change: TOTE’s conversion to LNG as a maritime fuel
- Howard Page, North Gulfport Community Land Trust – Decisions affecting communities that live near ports
- Ian Thomson, SCI-Shinglespit Consultants Inc. – Social licence: metrics for measuring social acceptability in the maritime industry

10:00 am

COFFEE BREAK & EXHIBITION VISIT

-Exhibit hall

10:30 am

ADVANCED TECHNOLOGIES FOR LOW CARBON TRANSPORTATION – SHIP OWNERS

-Point Grey

Moderator: Kris Fumberger, RightShip

- Diego Jaramillo, Waterfront Shipping & Jason Chesko, Methanex Corporation – Methanol, an ultra-clean marine fuel solution
- Daryl Lawes, Seaspan ULC & Harly Penner, Seaspan Ferries – Seaspan Ferries - LNG for marine transportation in BC – The whole emission profile
- Dan Vyselaar, Atlantic Towing Limited – Using data analytics to reduce greenhouse gas emissions for offshore support vessels

ADVANCED TECHNOLOGIES FOR LOW CARBON TRANSPORTATION – PORTS & TERMINALS

-Pinnacle 1 & 2

Moderator: Michael Moltzen, U.S. Environmental Protection Agency

- Kymm Girgulis, BC Hydro / Jason Scherr, PRPA / Dorota Kwasnik, VFPA – Innovative partnerships: development of the shore power rate in British Columbia
- Benoit Lacroix, Effenco – Port terminal tractors equipped with Effenco’s Active Stop-Start™ electric hybrid technology: Rationales, technology description and case studies
- Kit Choep, Virginia Port Authority – Integration of low/zero emission cargo handling equipment into marine terminal operations

12:00 pm

LUNCH

-Pinnacle 1 & 2

1:15 pm

SHIPPING OF TOMORROW, TODAY

-Pinnacle 1 & 2

Moderator: Eleanor Kirtley, Green Marine

- Arvid Dregelid, Palantir AS – Increased vessel efficiency through standardization and automation of shipboard Information and Communications Technology
- Christine Rigby, Vancouver Fraser Port Authority – International collaboration on vessel emission reductions through vessel incentive programs and environmental infrastructure
- William Friedman, Cleveland-Cuyahoga County Port Authority – The eco-friendly economy: green maritime, innovative logistics and economic prosperity

2:30 pm

CLOSING REMARKS & WALK TO THE PORT FOR VESSEL BOARDING

3:00 pm

CRUISE TOUR OF THE PORT OF VANCOUVER – *Sponsored by the Vancouver Fraser Port Authority*



The Certification Ceremony will also be an opportunity for interested guests to watch the **Emmy-winning documentary Sonic Sea** and hear from Michael Jasny, one of its producers. Join us for a special presentation of Sonic Sea!

GREENTECH 2018
ENVIRONMENTAL CONFERENCE

