



THURSDAY MAY 28

8:30 SUSTAINABILITY AT WORK IN MARINE TRANSPORTATION

Welcoming Address

- **Linda Styrk**, Managing Director, Seaport Division, Port of Seattle
- **Stephen Edwards**, CEO, GCT Global Container Terminals Inc.
- **Dennis McLerran**, Administrator, U.S. EPA Region 10

10:30 TECHNOLOGY GEARED TOWARDS REGULATORY COMPLIANCE: LESSONS LEARNED

- Certification of the EGCS on Algoma Equinox Class Vessels
Mira Hube, Algoma Central Corporation
- CSL's Experience with BWMS
Youssef El Bagoury, CSL Americas
Kevin Reynolds, Glosten
- Saga Forest Carriers – BWT Case Study
Birgir Nilsen, Optimarin
- Membrane Scrubber Technology for SOx Removal from Engine Exhaust
Gerry Carter & Edoardo Panziera, Ionada Inc.

GOOD COMMUNITY RELATIONS: A KEY PRIORITY FOR A SOCIALLY RESPONSIBLE BUSINESS

- Environmental Social Acceptability
Frédéric Maloney, Quebec Port Authority
- Social License to Operate - Working with Your Local Communities
Rick Sheckells, EcoLogix Group, Inc.
- Opportunities for Canada LNG Exports - Addressing Concerns, Sharing Facts and Achieving Social License
Stephen Brown, Chamber of Shipping of British Columbia

1:30 CORPORATE ENVIRONMENTAL LEADERSHIP: INSPIRING INITIATIVES FOR THE INDUSTRY

- Cooperation between NGOs and Industry to Define Sustainable Development in the Canadian Arctic
Andrew Dumbrielle, WWF Canada & **Marc Gagnon**, Fednav
- Radical Improvements in Vessel Efficiency
Lee Kindberg, Maersk Line
- ECHO Program: Collaborating to Manage Potential Threats to At-Risk Whales from Commercial Vessels
Orla Robinson, Port Metro Vancouver

3:30 EMERGING ENVIRONMENTAL ISSUES: AN INTRODUCTION TO UNDERWATER NOISE

- Whales in an Ocean of Noise: How Manmade Sounds Impact Marine Life
Kathy Heise, Vancouver Aquarium
- Ship Noise in an Urban Estuary Extends to Frequencies Used by Endangered Killer Whales
Scott Veirs, Beam Reach Marine Science
- Control and Measurement of Underwater Ship Noise
Michael Bahtirian, Noise Control Engineering

PRACTICAL SOLUTIONS TO IMPROVE AIR QUALITY AT PORTS

- Improving Turn Times: Harnessing GPS Data for Drayage Truck Efficiency
Greg Alexander, E2 ManageTech
- Solutions in a Box – From Ideas to Implementation with Air Quality Strategies
Christina Wolfe, Environmental Defense Fund
- Fairview Shore Power Commissioning: a Case Study and Lessons Learned
Jason Scherr, Prince Rupert Port Authority



FRIDAY MAY 29

8:00 COLLABORATION AMONG CANADIAN AND U.S. PORTS TO PROMOTE CLEAN AIR IN THE PACIFIC NORTHWEST

Andrew Green, Puget Sound Clean Air Agency

8:30 DOING MORE WITH LESS: PERSPECTIVES ON SHIP ENERGY EFFICIENCY

- Design Efficiency of Ships – Historical Developments and Impact of the EEDI
Jasper Faber, CE Delft
- Review of Strategies and Technologies to Minimize Tug and Barge Fuel Consumption
Will L. Moon III & Peter S. Soles, Glasten

THE NORTHWEST PORTS CLEAN AIR STRATEGY: A COMMON GOAL, THREE COURSES OF ACTIONS

Panel Moderator: Andrew Green, PSCAA

- *Janice Gedlund, Port of Seattle*
- *Christine Rigby, Port Metro Vancouver*
- *Ron Stuart, Port of Tacoma*

10:15 COLLABORATION BETWEEN GOVERNMENT AND INDUSTRY TO REDUCE ENVIRONMENTAL IMPACTS FROM SHIPS

- NRC Strategic Research, Technology and Investment in Ship Efficiency
Lawrence Mak, National Research Council & Keith Castonguay, Marine Atlantic
- Washington Voluntary Best Achievable Protection/ Exceptional Compliance Program VBAP/ECOPRO
Scott Ferguson, Washington State Department of Ecology & Mark Homeyer, Crowley Maritime Corporation
- Creating Grant Successes for Harbor Craft
Beth Carper, Puget Sound Clean Air Agency & Erik Ellefsen, Island Tug and Barge

SUSTAINABLE PORTS: COUPLING DEVELOPMENT AND ENVIRONMENTAL PROTECTION

- Productivity as a Measure of Determining Offsets
James Slogan, Hemmera
- Port Development in Urban Areas: Portland Style
Marla Harrison, Port of Portland
- Marrying Sustainability and Port Expansion at Port Everglades
Robert Musser Jr., Port Everglades

EXHIBITORS PRESENTATIONS:

- *A-LED-Lights*
- *American Chemical Technologies*
- *Bruel & Kjaer EMS*
- *EA Envision*
- *Envirochem*
- *Nautican*
- *Thordon Bearings*