



A SUMMIT ON GOODS MOVEMENT AND AIR QUALITY IN THE PACIFIC NORTHWEST

September 17 - 18, 2008

Bell Harbor International Conference Center
Seattle, Washington

FINAL AGENDA

Day One: Wednesday, September 17, 2008

7:30 – 8:30 am **Registration and Breakfast in the Exhibit Area**

8:30 – 9:00 am **Welcome Address: Official Conference Opening**

- **Tay Yoshitani**, Chief Executive Officer, Port of Seattle
- **Tim Farrell**, Chief Executive Officer and Executive Director, Port of Tacoma

As freight continues to grow in volume and fuel prices continue to increase, the importance to stay competitive while improving efficiency and air quality in goods movement is necessary in order to grow sustainably. To officially open and welcome Faster Freight – Cleaner Air Pacific Northwest to Seattle, the Chief Executive Officers for both host ports will highlight the importance to promote a sustainable goods movement system in the Pacific Northwest.

9:00 – 9:45 am **Host Welcome Panel: A Vision for a Clean Air Environment in the Pacific Northwest**

- **Elin D. Miller**, Regional Administrator, U.S. Environmental Protection Agency
- **Stuart A. Clark**, Air Quality Program Manager, Washington State Department of Ecology
- **Dennis McLerran**, Executive Director, Puget Sound Clean Air Agency

As important host sponsors to FFCA Pacific Northwest, leaders from the United States Environmental Protection Agency, Washington State Department of Ecology and Puget Sound Clean Air Agency will provide their vision for a clean air environment in the Pacific Northwest region. Each agency will speak on the challenges of meeting growth while improving air quality and reducing greenhouse gases through efficient and clean air solutions.

9:45 – 10:15 am **Keynote Address: Planning Long Term Growth to Promote Economic and Environmental Sustainability**

- **W. Patrick Burgoyne**, Executive Vice President and Chief Operating Officer, Yusen Terminals Inc.

Mr. Patrick Burgoyne is Executive Vice President and Chief Operating Officer for NYK Lines and the planned Yusen Terminal Tacoma Inc. (YTTI) facility. Mr. Burgoyne will provide timely remarks on how NYK Line's "Green Policy" is being incorporated into the day-to-day operations of the company and within the planning for the company's new marine container terminal in the Pacific Northwest, now scheduled to open in 2012.

10:15 – 10:45 am **Coffee Break in the Exhibit Area**

10:45 – 11:45 am **Meeting Growth with Improved Efficiency and Air Quality**

Hosted By:



Moderator: **Anne V. Goodchild, PhD**, Assistant Professor of Civil and Environmental Engineering, University of Washington

Building Efficient Green Terminal Infrastructure and Cleaner Marine Initiatives

- **Ginny Hessenauer**, Director of Environmental Affairs, APL Limited

Greening the Rails

- **Mark Stehly**, Assistant Vice President, Technology Development and Environment, Burlington Northern Santa Fe Railway

Moving Freight through Efficient and Clean Truck Operations

- **Jack Ziebarth**, Vice President for Pacific Operations, Gordon Trucking

As freight volumes increase in the Pacific Northwest, steamship lines, marine terminals, the rail industry and trucking companies are working to meet this demand for service by identifying solutions that promote efficiency and environmental sustainability. This panel brings together some of the nation's leading industry executives to share their ideas and experiences on how their company and industry is proactively and simultaneously improving service, efficiency and air quality in their daily operations while meeting growth demands.

11:45 – 1:15 pm

Luncheon Address: Port Clean Air Initiatives in the Pacific Northwest

Moderator: **Paula Hammond**, Secretary, Washington State Department of Transportation

An Update on the Northwest Ports Clean Air Strategy; One-Year Later

- **Stephanie Jones Stebbins**, Senior Manager for Environmental Programs, Port of Seattle
- **Sue Mauermann**, Director of Environmental Programs, Port of Tacoma
- **Darrell Desjardin**, Director of Environmental Programs, Port Metro Vancouver

Air Quality Improvements and Climate Change Initiatives

- **David Breen**, Environmental Project Manager, Port of Portland

Port of Everett, Improved Air Quality through Improved Freight Mobility and the FAST Partnership

- **Graham Anderson**, Senior Planner, Port of Everett

This impressive panel includes senior executives from ports throughout the Pacific Northwest region that will share an overview on the progressive clean air initiatives currently underway at their ports. With the demands of growth and increase in fuel prices, Pacific Northwest ports plan to stay competitive while ensuring that business is met with safe, efficient and innovative solutions to improve air quality and reduce greenhouse gas emissions.

1:15 – 2:45 pm

Breakout Session: Meeting the Challenges through Innovative Programs and Technologies

This breakout session features some of the world's leading experts who will highlight how industry sectors are meeting challenges by improving efficiency and clean air with innovative programs and technologies and assessing solutions to create sustainable clean air programs. These sessions – which will break down into three tracks: marine, container and terminal operations, and rail and freight mobility – will provide a great opportunity to roll up your sleeves and get into the details of each topic.

2:45 – 3:15 pm

Coffee Break in the Exhibit Area

3:15 – 4:15 pm

International Efforts to Improve Air Quality and Reduce Greenhouse Gas Emissions

Introduction, Overview and Panel Moderator - Dennis McLerran, Executive Director, Puget Sound Clean Air Agency

Update on IMO MARPOL Annex VI

- **Byron Bunker**, Center Director, Heavy Duty Engine Center
- **Andrew Green**, Senior Air Program Engineer, Environment Canada

World Ports Climate Initiative (C40) and IAPH Clean Air Tool Box

- **Wayne Grotheer**, Senior Director of Seaport Finance and Asset Management, Port of Seattle

Adaptation for Climate Change for Port Development

- **Lou Paulsen**, Chief Sustainable Development Officer, Port of Tacoma

A number of international efforts are underway to improve air quality and reduce greenhouse gas emissions from Goods Movement. From the recent developments with the IMO MARPOL Annex VI requiring low sulfur in marine fuels, to evaluating how to meet the challenges of Climate Change, this panel focuses on a number of programs to promote partnership and adaptation of innovative climate and clean air solutions.

4:15 – 4:30 pm

North West Passage – Climate Change Impact on Pacific Northwest

Brian Muehling, Senior International Affairs Specialist, U.S. Environmental Protection Agency

The theory of Northwest Passage has received a lot of discussion from the maritime industry and environmental organizations on whether the impact of climate change on the Canadian Arctic will promote the future passage of container and cruise ships as glacial ice continues to melt. This interesting presentation will highlight a number of issues relating to the concept of using the Northwest Passage as shipping route that include: the impact of the Northwest Passage on Pacific Northwest ports, the environment, and safety of travel.

4:30 – 4:45 pm

Climate Solutions: Environmental Necessity Drives Economic Opportunity

K.C. Golden, Policy Director, Climate Solutions

4:45 – 5:30 pm

Best Business Practices for Clean Air and Meeting the Climate Change Challenge

Moderator: K.C. Golden, Policy Director, Climate Solutions

- **Rick Bingle**, Director, Global Supply Chain, REI
- **Shan Hoel**, Director of Communications, TransGroup Worldwide Logistics
- **Kevin Burell**, Executive Director, Environmental Coalition for South Seattle

Moving freight faster and cleaner has proven to have economical gains for national companies in the Pacific Northwest region. This panel includes business and environmental leaders in the region who will share their successes of putting in place efficient and clean air programs that make excellent business sense. Results show that by reducing the carbon 'footprint' from the supply chain, will not only benefit the environment and community, but the business economy.

5:30 pm

Closing Remarks and Adjourn

- **Dennis McLerran**, Executive Director, Puget Sound Clean Air Agency

In his closing remarks, Mr. McLerran will tie together the important themes and objectives of Faster Freight – Cleaner Air Pacific Northwest. His remarks will include lessons learned, overcoming the challenges with innovative programs and a call to action for future partnerships and adaptation of successful efficient and clean air solutions for the goods movement industry.

Day Two: Thursday, September 18, 2008

Get Up and Close to 'Green' Goods Movement

9:00 am – 12:00 pm **Tour 1: Port of Seattle Harbor Tour**

Take a beautiful harbor tour on SSA Marine's spacious 60'ft "Spirit of 76" boat. See the Port of Seattle in operation from the waterside and learn about the Port's efforts to be efficient and green. The SSA Marine "Spirit of 76" offers the comfort and enjoyment of a fun - two hour boat ride and will include breakfast for participants to enjoy. Capturing port operations from the view of the harbor gives you a true sense to complexity of port operations.

9:00 am – 1:00 pm **Tour 2: BNSF Seattle International Gateway Tour**

Enjoy a bus ride to the Port of Seattle's BNSF Seattle International Gateway facilities and see firsthand, the first rail carrier in North America to use zero-emission electric wide-span cranes at key intermodal facilities. Using only electric power, these wide-span cranes produce zero emissions on-site. These impressive cranes eliminate as many as six diesel trucks (hostlers) for shuttling containers within the intermodal facility. Improving air quality and efficiency, the electronic crane greatly reduces the need for hostlers.

Breakout Session: Meeting the Challenges through Innovative Programs and Technologies (Wednesday, September 17, 2008; 1:15 to 2:45 p.m.)

Marine and Port Terminal Operations

Moderator: **Ron Stuart**, Project Manager - Air Quality, Port of Tacoma

Holland America Sea Water Scrubbing for Reduced OGV Emissions

- **Dave Kircher**, Manager, Air Resources Board, Puget Sound Clean Air Agency

Washington State Ferries Alternative Fuels Program

- **Paul Brodeur**, Port Engineer, Washington State Ferries

Improving Efficiency through Virtual Container Planning and Air Emission Modeling

- **Ashebir Jacob**, Senior Port Engineer Moffat Nichol

Emission Control Technologies for Off-Road Equipment

- **Sonya Clark**, HUSS

Rail and Freight Mobility

Moderator: **Elizabeth Stratton**, Freight Policy & Project Manager, Washington State Department of Transportation

Improving Freight Congestion with Sustainable Regional Planning

- **Alan T. Hicks**, Director, Southern California Gateway, United States Department of Transportation, Maritime Administration

Planning for Growth – Increasing Capacity while Reducing Emissions

- **Stephenie Wheeler**, Public Involvement Officer, Alaska Railroad Corporation
- **Don Freestone**, Manager of Locomotive Operations, Alaska Railroad Corporation

Greening Rail Operations for Improved Freight Mobility

- **Alan Hardy**, Deputy Chief Operating Officer, Tacoma Rail

Multi Engine Genset Locomotive Technologies

- **James M. Wurtz Jr.**, Vice President Marketing & Sales, National Railway Equipment Company

Port Truck Drayage

Setting the Framework: Pacific Northwest Perspective on Clean Truck Programs

- **Christine Rigby**, Environmental Specialist – Air Emissions, Port Metro Vancouver

Panel Discussion: Challenges to Creating a Successful Clean Truck Program

Moderator: **Andrew Green**, Senior Air Program Engineer, Environment Canada

- **Sarah Rees**, Section Manager, Program Development Section, Air Quality Program, Washington State Department of Ecology
- **Sarah Flagg**, Environmental Management Specialist, Port of Seattle
- **Heather Weiner**, Director, Seattle Clean and Safe Ports Coalition and Change to Win
- **Bill Harris**, Chief Operations Officer, Cascade Sierra Solutions
- **Kent Christopher**, Chief Executive Officer, Western Ports Trucking