

Facilities Engineering Seminar & Expo

Vancouver Marriott Pinnacle • Vancouver, BC
November 6-8, 2013

Wednesday, November 6

7:30 – 8:30 a.m. **Registration and Continental Breakfast**

8:30 – 8:45 a.m. **Welcome and Opening Remarks**

*Kurt Nagle
President & CEO
American Association of Port Authorities
Alexandria, VA*

*Tom Corsie, PPM
Vice President, Real Estate
Port Metro Vancouver*

*Elizabeth Ogden
Dir. of Architecture, Engineering and IT
PortMiami
Chair, AAPA Facilities Engineering
Committee*

8:45 – 10:15 a.m. **Panel I: Market-Driven Far-Reaching Scenarios:
Impact and Opportunities Resulting from Global Change**

Moderator:
*Paul C. LaMarre
Port Director
Port of Monroe, MI*

*Mark Sisson, PE
Senior Port Planner
AECOM
Oakland, CA*

Speakers:
*Steven C. Rothberg
Partner
Mercator International LLC
Kirkland, WA*

10:15 – 10:30 a.m. **Break**

10:30 a.m. – Noon **Panel II: Intermodal Rail Network Overview**

This panel will provide both an intermodal rail network overview and future terminal requirements perspective. Mr. Bisailon will address the topic from a Union Pacific Railroad Perspective and Mr. Bennett will address it from a CSX perspective. Our speakers will discuss anticipated future network impacts, service options and potential new terminals that maybe considered, and any other network issues noteworthy. Our speakers will discuss the services that their terminal operations and infrastructure will need to support – some new some old – including terminal operations approaches, lift equipment options, drayage operations support, and use of technology.

Moderator:
*David Maas
TranSystems
Fort Worth, TX*

Speakers:
*Gerry Bisailon, PE
General Director Premium Operations
Union Pacific Railroad
Omaha, NE*

*Vance Bennett
Director, Port Development and Strategy
CSX Transportation
Jacksonville, FL*

Wednesday, November 6 (continued)

Noon – 1:30 p.m.

Lunch

Luncheon Topic: **Sustainable Port Development and Operations**

Speaker:

*Kat Janowicz
Project Manager, Principal Consultant
WorleyParsons
Fountain Valley, CA*

1:30 – 3:15 p.m.

Panel III: Terminal Technology – Not Just for Containers Anymore!

Emerging technology, innovation and automation shape the development of terminals worldwide. This panel offers a unique insight on terminal technology in the handling of containers, dry bulk and liquid bulk.

Moderator:

*Donald J. Brinkman, Jr.
Director of Engineering, Maintenance
and Development
Lake Charles Harbor and Terminal*

*Bulk Handling
Ken Upchurch
VP Sales & Marketing
Bruks Rockwood
Alpharetta, GA*

Speakers:

*Container Handling
Dr. Felix Kasiske
Partner
HPC Hamburg Port Consulting
Hamburg, Germany*

*Liquid Bulk Handling
Scott Wagner
Engineering Mgr.
Chicago Bridge and Iron
Mobile, AL*

3:15 – 3:30 p.m.

Break

3:30 – 5:00 p.m.

Panel IV: Partnerships in Capital Projects

Moderator:

*Willy Yung
Director, Engineering & Maintenance
Port Metro Vancouver*

*Christopher Hodgkins
Vice President
Miami Access Tunnel
MAT Concessionaire LLC
Miami, Florida*

Speakers:

*Geoff Freer
Project Director
South Fraser Perimeter Road Project
Vancouver, BC, Canada*

*Ronald Brown
Maritime Marketing
Port of Oakland*

5:30 – 6:30 p.m.

Reception

Sponsored by **Port Metro Vancouver**



Thursday, November 7

7:30 – 8:30 a.m. **Continental Breakfast** *(served in the Exhibit Hall)*

8:30 – 10:00 a.m. **Panel V: Cruise Terminal Development & Design ... Maximizing Investment and Utilization in These Facilities**

Moderator:

Ms. Ogden

Carmen Ortega

Manager, Business Development

Port Metro Vancouver

Speakers:

Luis Ajamil, P.E.

President & CEO

Bermello, Ajamil & Partners, Inc.

Miami, FL

Stefano Borzone

President

Metro Cruise Services

Wilmington, CA

10:00 – 10:30 a.m. **Break** *(in the Exhibit Hall)*

10:30 a.m. – Noon **Panel VI: Sustainability in the Face of Climate Challenges**

Moderator:

Stephen A. Curtis, P.E., D.P.E., M.ASCE

Program Director – Waterfront Services

Collins Engineers, Inc.

Newport News, VA

John Headland, P.E.

Senior VP/Regional Manager

Moffatt & Nichol Engineers

New York, NY

Speakers:

Natalie Bruckner-Menchelli

Senior Editor

Sustainable Shipping / Portworld

Vancouver, BC, Canada

Jean O. Toilliez

Associate Project Manager

Ben C. Gerwick Inc.

Oakland, CA

Noon – 1:45 p.m. **Lunch** *(coffee and dessert will be served in the Exhibit Hall)*

1:45 – 3:15 p.m. **Panel VII: LNG: Approaching Challenges**

Moderator:

David Koch

Chief Executive Officer

Oregon International Port of Coos Bay

Speaker:

Ron Byres

Senior Project Manager

Moffatt & Nichol

Vancouver, BC, Canada

Kimberly A. Brown, P.G.

Senior Project Manager

Clean Energy

Newport Beach, CA

3:15 – 3:30 p.m. **Break** *(in the Exhibit Hall)*

Thursday, November 7 (continued)

3:30 – 5:00 p.m.

Panel VIII: Best Practices, Leading Design Efforts and Lessons Learned

Moderator:

Jeff Florin
Deputy Executive Director, COO
Virginia Port Authority

Redevelopment of TraPac Terminal

Tony Gioiello
Chief Harbor Engineer
Port of Los Angeles

Speakers:

Riverfront Cold Storage Facility

Darren Austin, P.E.
Project Manager
Port of New Orleans

Wharves Strengthening Project at Cargo Wharves I-VII

Elizabeth Ogden
Chief, A/E Design Services
PortMiami
Chair, AAPA Facilities Engineering
Committee

5:00 – 6:00 p.m.

Reception in Exhibit Hall

Friday, November 8

8:00 – 8:30 a.m.

Continental Breakfast

8:30 – 10:00 a.m.

Panel IX: Rounding the Corner on Infrastructure Deterioration – Tried and Emerging Technologies

Deterioration mechanisms, analytical methodologies and preservation of waterfront structures constructed from timber, concrete and steel. This panel will present practical analytical approaches to assess residual capacity in timber structures subject to rot; ASR, DEF and corrosion mechanisms, mitigation and prevention in concrete structures including STADIUM modeling, cathodic protection and damage detection using new pile driving monitoring systems; and encasement schemes for sheet pile bulkheads.

Moderator:

Patricia J. Gaynor, P.E.
Manager of Design Engineering
Maryland Port Administration

Topics include:

- Condition Assessment
- Modeling
- Pavement

Speakers:

Al DeBonis, Ph.D.
Wood Advisory Services
Millbrook, NY

Matthew D. D'Ambrosia
Senior Engineer
CTL Group
Skokie, IL

Dennis Burns
SIMCO Technologies Inc.
Quebec, QC, Canada

Kurt Hecht
Smart Structures Inc.
Southampton, PA

Friday, November 8 (continued)

10:00 – 10:15 a.m.

Break

10:15 – 11:30 a.m.

**Panel X: Enterprise Asset Management —
A Strategic Imperative at (Three) PNW Ports**

Transportation infrastructure owners world-wide are improving their understanding of the life-cycle position of their broad portfolio of assets and developing risk-based approaches to the allocation of the organization's scarce capital resources. The seminar's wrap-up session will explore this emerging port management imperative, why it has become a critical management function, global best practices and how the port industry is approaching EAM with a focus on the experiences of two (three?) major PNW ports, including lessons learned.

Moderator:

*Erik Stromberg
Consultant
Wilmington, NC*

Speakers:

*Gary M. Tosh
Infrastructure Asset Mgmt Coordinator,
Engineering
Port Metro Vancouver*

*Louis Paulsen
Senior Manager,
Risk and Terminal Security
Port of Tacoma*

*H. (Henk) Voogt - Eng.
Asset Manager Maritime Infrastructure
Port of Rotterdam*

*Ing. A.P. (Piet) Louwen
Manager Asset Manager Constructions
Port of Rotterdam*

*Rick Unruh P.E.
Project Manager
Port of Tacoma*

11:30 a.m.

Seminar Is Adjourned
