



Facilities Engineering Seminar & Expo

DoubleTree Hotel • New Orleans, LA
November 8-10, 2011

(Business casual attire is suggested for this seminar)

Tuesday, November 8

7:30 - 8:30 a.m.
(International Ballroom)

Registration and Continental Breakfast

- Sponsored by URS



8:30 - 8:45 a.m.
(Crescent Ballroom)

Welcome and Opening Remarks

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

Gary P. LaGrange, PPM®
President and CEO
Port of New Orleans

Jeff Florin, PE
Deputy Executive Director, COO
Virginia Port Authority
Chairman, AAPA Facilities Engineering
Committee

8:45 – 10:15 a.m.
(Crescent Ballroom)

Panel I: North American Economic Trade Outlook for the Port Industry

In 2010 Asian trade and particularly the intra-Asian container cargo volumes have hit record volumes with 6 out of the 10 top mainland Chinese ports recording record volumes for 2010. With global container trade volumes at over 260 million TEUs, up 34 million TEUs from 2009 and rapidly growing, and with 16 of the 20 top performing global ports in Asia, what are the REAL prospects for North America trade growth? Why are Asian ports booming and U.S. ports are not? What is the reality of anticipated port volume impacts with the opening of the new third lane locks in the Panama Canal in December 2014? Why is APM investing \$1B in a rail corridor across Costa Rica and China investing in a "dry canal" across Colombia? How should ports properly position and prepare themselves for the needed port requirements in the future trade dynamics? This trade outlook panel will look specifically at the needs and potential answers for North American ports.

Moderator:
Anthony J. Taormina
Manager
Portdirections LLC
Oxnard, CA

H. Thomas Kornegay, P.E., PPM®
Kornegay & Company, LLC
Houston, TX

Speakers:
Bob West
Principal Strategist – Ports, Coastal &
Maritime, Latin America & the Caribbean
WorleyParsons Group Inc.
Waltham, MA

John Vickerman, Jr.
President
Vickerman & Associates, LLC
Williamsburg, VA

Tuesday, November 8 *(continued)*

10:15 – 10:30 a.m.
(International Ballroom)

Break

10:30 a.m. – Noon
(Crescent Ballroom)

Panel II: The Challenge of Funding Port Development – Status and Trends

Finding capital for terminal expansion and improvement has never been more of a challenge. Public resources are overstressed and scarce. Private infrastructure funds have grown considerable balance sheets and seek appropriate investment quality targets, mindful, however, of the recklessness of the previous decade's investments. What are the options for public ports needing to build new facilities and modernize existing infrastructure, including navigation channels?

Moderator:
Steve Cernak, P.E., PPM®
Port Director
Port of Galveston

Speakers:
Bruce Lambert
Executive Director
Institute for Trade & Transportation
Studies
Mandeville, LA

Noon – 1:30 p.m.
(International Ballroom)

Lunch

2:00 - 3:15 p.m.
(Crescent Ballroom)

Panel III: Terminal Automation

Containerization revolutionized the movement of ocean cargo in the 1960's. Twenty years later the most significant development in moving containerized cargo to and from a marine terminal was the implementation of intermodalism, and the first generation ICTFs were built. Next came Post-Panamax, and today it is terminal automation. This panel will discuss the development of terminal automation and how it is designed to function, the realities of developing and operating an automated terminal, and the issues that have impacted the implementation of highly automated terminals in the U.S.

Moderator:
Roy Schleicher
Executive Vice President
Jacksonville Port Authority

Speakers:
Larry Nye
Vice President
Moffatt & Nichol
Long Beach, CA

Shawn Tibbetts
Director of Operations
Virginia International Terminals

Richard Ceci
VP Information Technology
Global Container Terminals - USA
Jersey City, NJ

3:15 – 3:30 p.m.
(International Ballroom)

Break

Tuesday, November 8 *(continued)*

3:30 – 5:00 p.m.
(Crescent Ballroom)

Panel IV: Emerging Sustainability and Greenport Practices for Future Ports

Since its debut in 2005, the AAPA has taken lead in promoting “Sustainability and Greenport” policies and practices among U.S., Latin American and other world ports. A number of U.S. ports have taken the lead to develop sustainability policies and green practices that are incorporated in their capital development programs as well as their day-to-day facilities’ operations. The speakers in this panel will showcase the emerging sustainability and Greenport policies and practices for “Future Ports” as they relate to climate adaptation/change and their nexus to emerging Greenport policies and practices among “Future Ports.” Panel members will also discuss the current sustainability standards for best practices as well as AAPA’s current efforts in promoting and developing sustainability and Greenport practice standards for its member ports.

Moderator:

*Richard Cameron
Director of Environmental Planning
Port of Long Beach*

Speakers:

*Douglas J. Sereno, P.E.
Director of Program Management
Port of Long Beach*

*Antonio (Tony) Gioiello
Chief Harbor Engineer
Port of Los Angeles*

*Jay Jahangiri, REM, REA, CESM, REEW
Program Director, Ports, Maritime,
and Coastal Programs
Worley Parsons Group, Inc.
Martinez CA*

*New and Innovative Sustainability
Practices at the Panama Canal Authority
Esteban G. Sáenz E.
Executive Vice President of Environment,
Water, and Energy
Panama Canal Authority
PANAMA*

5:30 – 6:30 p.m.
(Rosedown Room)

Reception

The reception will be held in the Rosedown Room at the DoubleTree Hotel.

- *Sponsored by the
Port of New Orleans*



Wednesday, November 9

7:30 - 8:30 a.m.
(International Ballroom)

Continental Breakfast *(served in the Exhibit Hall)*

8:30 - 10:00 a.m.
(Crescent Ballroom)

Panel V: The Challenge of Dredging Deeper

The pressure among East Coast ports to become Post-Panamax capable before the opening of the Panama Canal's new locks in 2014 is at the boiling point. Will any of the major Southeast Coast or Gulf ports be Post-Panamax capable by 2014? What deepening projects have been successful, which have been seriously delayed and WHY? What steps can public ports and the Corps of Engineers take to expedite the Feasibility Study – PED processes and where and how have attempts to expedite the Corps' Civil Works process for navigation projects been successful.

Moderator:

*Rick Ferrin, PE
Vice President
TranSystems
Jacksonville, FL*

*Wilson Tillotson
Senior Director of Engineering and
Facilities Maintenance
Georgia Ports Authority*

Speakers:

*Joe T. Bryant
Vice President Terminal Development
South Carolina State Ports Authority*

*Dwight Beranek, P.E.
Senior Advisor
Dawson and Associates, Inc.
Bradenton, FL*

10:00 - 10:30 a.m.
(International Ballroom)

Break *(Exhibit Hall)*

10:30 a.m. – Noon
(Crescent Ballroom)

Panel VI: Strategic Asset Management – The Business Case for Improved Capital Infrastructure Management and Investment Strategies

Given tight capital markets, aging infrastructure and an evolving and uncertain business climate, transportation infrastructure owners are taking steps to identify and reduce risk to the enterprise by better managing critical resources, optimizing utilization and reducing costs. The airport industry has been particularly active in this area recently. Moreover, the federal government has recognized the importance of asset management and has put in place incentives and requirements for the development of asset management systems. This panel will explore the motivation for, and the experience of seaports and airports in developing improved management techniques for critical assets.

Moderator:

Mr. Florin

*Airport Management Perspective
Carol M.F. Davis*

Speakers:

*Erik Stromberg
Consultant
Wilmington, NC*

*V.P. Asset Management
DFW International Airport
DFW Airport, TX*

Noon - 1:45 p.m.
(International Ballroom)

Lunch

Wednesday, November 9 *(continued)*

1:45 - 3:15 p.m.
(Crescent Ballroom)

Panel VII: Opportunities for Port Growth Through Marine Highway Development

Over the past decade the US Maritime Administration has promoted the concept of Marine Highways – a modal shift from road to waterborne transportation – as a means to improve environmental quality, reduce highway congestion and increase cargo throughput at our nation’s seaports. While there are numerous coastal and inland waterways services in operations, modal transfers of significant cargo volumes from truck or rail to barge or small load-line vessel has been limited. There are now three studies underway (west coast, Mississippi River and tributaries and east coast) that are intended to test this concept by finding real opportunities. This panel will explore what it will take for Marine Highways to be successful and what that will mean for U.S. ports.

Moderator:

*Eduardo A. Campirano
Port Director and CEO
Port of Brownsville*

Sonney Jones

*Director of Transportation
Dal-Tile Corporation
Dallas, TX*

Speakers:

*Kristin Decas
Port Director & Harbor Dev. Commission
Executive Director
Port of New Bedford*

Wade M. Battles

*Principal Project Director, Port and Coastal
Engineering Practice
Atkins North America, Inc.
Houston, TX*

3:00 - 3:15 p.m.
(International Ballroom)

Break *(Exhibit Hall)*

Wednesday, November 9 *(continued)*

3:15 - 4:45 p.m.
(Crescent Ballroom)

Panel VIII: Intermodal Linkage – Ports Partnering with the Railroads

Years ago we called them JITs or joint intermodal rail terminals. Today they are called ICTFs or intermodal container transfer facilities. What these intermodal rail yards are called is immaterial, but they are absolutely critical to the viability and efficiency of the interface between ocean and ground transport. While East Coast and Gulf Coast ports rush for deeper water and the West Coast ports work feverishly to enhance their efficiency, all will agree that getting the cargo to and from the port – the landside connection – is easily of equal importance as deep channels and Post-Panamax terminal facilities. This is a pivotal linkage between modes of transportation and a critical partnership between ports and railroads. How are some larger East Coast ports betting a large piece of their future growth on enhancing their rail connectivity? How is Southern California improving rail connectivity to respond to ever mounting demands to take trucks off the roads? How are the nation's railroads developing partnerships with ports to make the intermodal transfer seamless?

Moderator:

*Elizabeth Ogden
Chief, A/E Services
Port of Miami*

Speakers:

*David Maas
TranSystems
FT Worth, TX*

*Joel Haka
EVP and COO
FEC Railway
Jacksonville, Florida*

*Kevin T. Lynskey
Assistant Port Director,
Business Initiatives
Port of Miami
Miami, FL*

*James D. FitzGerald
Manager, Industry Initiatives Customer
Relationship Marketing
BNSF Railway Company
Fort Worth, TX*

4:45 - 6:00 p.m.

Reception in Exhibit Hall (International Ballroom) *(cash bar)*

Thursday, November 10

8:00 - 8:30 a.m.
(International Ballroom)

Continental Breakfast

8:30 - 10:00 a.m.
(Crescent Ballroom)

Panel IX: Design and Engineering Practices for Sustainable Future Ports

The speakers in this panel will demonstrate the current sustainability practices in design, engineering, and construction management practices among U.S., Asian, European, and world ports. AAPA member ports and many world ports have taken the lead in promoting and incorporating sustainable design, engineering and construction management (CM) practices into the development, design and construction of their marine terminal facilities and operations in order to maintain their competitive edge in the global marketplace.

Speakers:

Sustainable CM Practices at the Port of LA

Shaun Shahrestani
Chief Harbor Engineer,
Construction Division
Port of Los Angeles

Container Terminal Quality Optimization Index (CTQI)

Kieran Ring
CEO
Global Institute of Logistics
Dublin, Ireland

Case Studies in Sustainable Design and Engineering

John D. Pauling, PE, BCEE
Manager, Ports and Maritime
Worley Parsons Group Inc.
Conshohocken, PA

Case Studies on Sustainable Practices in Asian, European and Middle Eastern Ports

Ottonel Popesco, P. Eng.
Group CEO
Cavotec Group
 Mooresville, NC

10:00 – 10:15 a.m.
(International Ballroom)

Break

10:15 – 11:30 a.m.
(Crescent Ballroom)

Panel X: Roundtable Discussion

The Roundtable will focus on evolving engineering best practices that deal with the wide range of port development and maintenance challenges that include environmental regulation, business continuity, contingency planning, capital constraints, human resource issues and even recruitment of new engineering talent.

Speakers:

Mr. Florin

Mr. Vickerman

Mr. Gioiello

E. Dan Allen

Vice President

Moffatt & Nichol

Long Beach, CA

11:30 a.m.

Seminar is Adjourned
