

Marine Terminal Management Training

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Alliance of the Ports of Canada, the Caribbean, Latin America and the United States

Seaports
Deliver
Prosperity

American Association of Port Authorities
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AAPA At A Glance

*Committed to keeping seaports
navigable/secure/sustainable*



- *Hemispheric alliance of 160 port authorities*
- *Members include 300 related organizations*
- *Promotes industry awareness, info sharing, education & training*
- *Advocacy on key issues*

Everyone Depends On Seaports *(whether they know it or not!)*

Appreciation of seaports' value is crucial to success

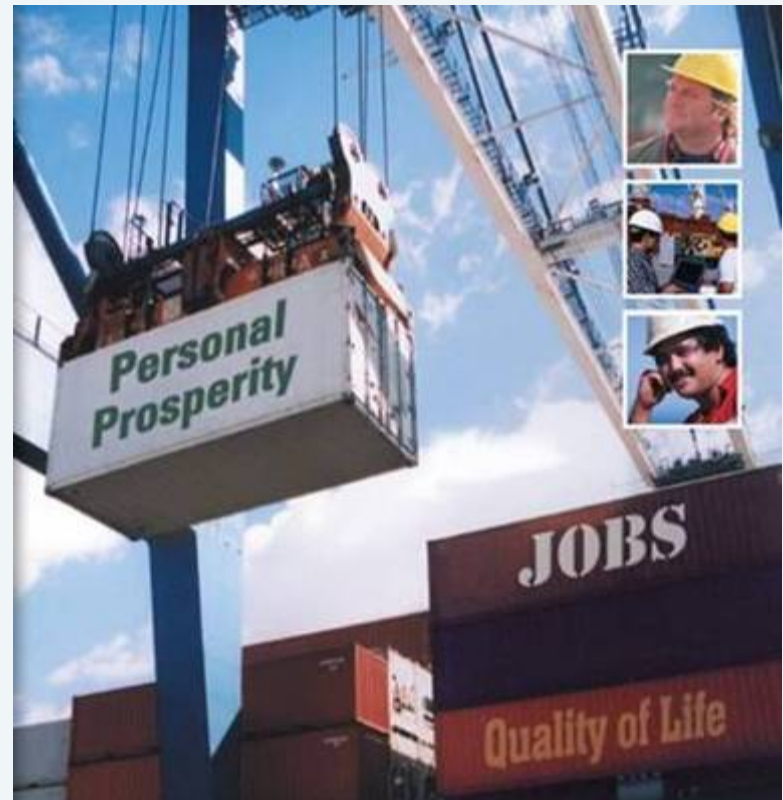
- ***Seaports are vital economic lifelines for communities, regions & nations***
- ***Modern, uncongested land & waterway infrastructure needed for trade & economic prosperity***
- ***Seaport stewardship programs helping to protect environment***
- ***Secure seaports crucial to national defense & reliable goods movement***



Seaports Deliver Prosperity

In 2007, U.S. seaports...

- ***Generated \$3.15 trillion in economic activity***
- ***Moved more than 2 billion tons of international & domestic goods***
- ***Supported jobs for 13.3 million workers who earned \$650 billion in wages & salaries***
- ***Supported businesses that paid \$212 billion in taxes***
- ***Enabled 9 million people to take cruise vacations***



Seaport Industry Challenges

Infrastructure, environment & security top concerns



Infrastructure Challenges

Freight movement must be efficient, on land & water

Landside:

- *Inside terminals, ports investing in crane, wharf, rail, gate & other improvements*
- *Outside terminals, road, rail, bridge, tunnel & other improvements needed*

Waterside:

- *Ports removing sediments, debris, submerged obstacles from around berths, docks*
- *In navigation channel, ports partnering with Corps to deepen/maintain ship access, improve turning basins*

In U.S., freight movement often takes back seat to passenger traffic needs

Environmental Challenges

Reducing & mitigating seaport impacts is good for business

Air Quality Efforts:

- ***Investing in hybrid vehicles & cargo-handling equipment***
- ***Using cleaner “alternative” fuels***
- ***Electrification projects***
- ***Purchasing part solar/wind energy from utility providers***
- ***Incentivizing carriers to reduce speed & use lower sulfur fuel***
- ***Filtering smokestack exhausts***

Water Quality Efforts:

- ***Erosion control/tree planting***
- ***Managing/treating ballast water***
- ***Stormwater filtering & treatment***
- ***Water conservation programs***
- ***Pressure washing boat/ship hulls to reduce invasive species***
- ***Beneficial dredged materials placement***
- ***Use of “porous” asphalt***

Security Challenges

Protecting facilities, cargo among ports' top priorities



- **Ports primarily responsible for their own facility security**
- **Ports cooperate with government partners on cargo security**
- **Since 2002, Congress has appropriated ~\$2 billion for port security grants; ports have invested billions more in O&M and personnel costs**
- **Protecting people/freight essential to keeping seaports safe, open for business**

Key Legislative Challenges Ahead

The top federal issues for U.S. seaports are . . .

- ***Surface transportation reauthorization***
- ***Dredging funding & policy reform***
- ***Environmental policies & program funding***
- ***Short-sea shipping (marine highways)***
- ***Security policies & funding***



Surface Transportation Reauthorization

A greater focus on freight needed

- **Funding for projects & corridors of regional/national significance**
- **Funding for intermodal freight connectors & investments in rail and marine highways**
- **Allow ports to apply directly for project funds through federal & state programs**
- **Establish multimodal freight office in U.S. DOT**



Navigation Dredging Policy Reform

Among the key issues on the dredging front are...



- ***Make full use of Harbor Maintenance Tax to maintain federal channels at required depths & widths***
- ***Increase federal appropriations for channel deepening, widening & studies***
- ***Consolidate dredge permitting activities into one comprehensive permit for federal & local projects***
- ***Expedite stand-alone permits for dredging & infrastructure improvements***

Environmental Program Policies/Funding

On the environmental front, AAPA is working on . . .

- ***Increasing funding for diesel emissions grants for ports***
- ***Advocating for Emission Control Area in US/Canada***
- ***Encouraging national & international ballast water treatment standards***
- ***Protecting areas needed for port & maritime uses***
- ***Increasing awareness & recognition of ports' environmental stewardship role & commitment to the environment***



Short-Sea Shipping (Marine Highways)

AAPA advocates development of short-sea shipping through support of . . .

- **HMT exemptions**
- **Federal funds for short-sea shipping services**
- **Short-sea shipping infrastructure grants**
- **Shipper incentives**
- **Expertise at state/MPO level on alternatives, benefits**
- **Federal shipbuilding programs and grants**

Maritime Security Policies/Funding

Key port security issues AAPA is addressing are . . .

- **Port security grants**
- **Supply chain security**
- **Risk assessments**
- **Nuclear detection**
- **TWIC implementation**
- **Security systems model approach**
- **Avoiding vendor-driven programs**
- **Partnering with federal agencies**



Many Ports, Same Vital Role

AAPA + member ports working together = greater awareness & support for seaport industry issues

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Mutual goals include:

- *Increase awareness of seaports' critical role*
- *Advocate for key industry issues*
- *SHARE in AAPA*

