The State of the Port

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Port Challenges

Economic Leadership
- Trade demands
- Infrastructure improvements

Environmental stewardship
- Clean Air
- Truck fleet modernization
World’s Top Container Ports

2006

2005

Singapore
Hong Kong
Shanghai
Shenzhen, China
Long Beach/ Los Angeles
Port of Long Beach
Trade Growth

- 2006: 7.3 mil TEUs
- 2001: 4.4 mil TEUs
- 1996: 3.1 mil TEUs

Legend: Inbound (green) - Outbound (blue)
POLB/POLA Forecast

- 2020: 36.1 mil TEUs (Est.)
- 2010: 16.4 mil TEUs (Est.)
- 2006: 15.8 mil TEUs (Actual)

Legend: Inbound - Green, Outbound - Blue
Our Port Competitors

U.S. West Coast
- Los Angeles, Seattle, Tacoma, Oakland

Canada
- Vancouver, Prince Rupert

Mexico
- Ensenada, Manzanillo, Punta Colonet, Lazaro Cardenas

Panama Canal
- All water to U.S. East and Gulf Coasts ports
Port’s Economic Impact

- $100 billion a year in cargo
- $47 billion a year in business sales
- $14.5 billion in wages
- 30,000 local jobs
- 316,000 regional jobs
Infrastructure Needs

- Gerald Desmond Bridge replacement ($800 million)
- Upgrade for the I-710 Freeway ($5.5 billion)
Terminal Improvements

- International Transportation Service Pier G ($600 million)
- Proposed Pier S Container Terminal ($440 million)
- Proposed Middle Harbor Container Terminal Consolidation ($550 million)
Infrastructure Funding

Port lease revenues
  • No tax revenues

Proposition 1B ($20 billion total statewide)
  • $2 billion for port infrastructure
  • $1 billion for port-related environmental projects
  • $100 million for port security projects

Who else pays?

Container fees?
Our Biggest Challenge:

Minimizing the environmental impacts of port operations
Environmental Impacts

- Air Quality
- Water Quality
- Marine Habitats
- Public Health
Green Port Policy

- Adopted January 2005
- Protect community from harmful impacts of port operations
- Use best technology
- Promote sustainability
- Environmental leadership
- Engage the community
Green Port Projects

• Yard Tractor Retrofit

• Clean Diesel Locomotives

• Testing Hybrid Yard Tractors
Green Flag Ship Incentives

- Slower ship speeds cut air pollution
- Reduce NOx by as much as 550 tons a year
- 82% compliance in 2006
- $2.2 million in dockage discounts
Green Leases

• Reduce air pollution by 90%

• Shore-side electricity; clean yard equipment

• International Transportation Service/"K" Line

• SSA/Matson
Clean Air Action Plan

• Reduce San Pedro Bay pollution by 45% in five years

• Shore-side electricity

• Clean vehicles, vessels and equipment

• Alternative technology
CAAP Clean Trucks

- Truck fleet modernization

- Replace or retrofitted 16,000 dirty diesel trucks within five years

- Concessionaire trucking companies

- Truck replacement grants/loans
Thank You