Port of Los Angeles at a Glance

- Founded in 1907
- Non-taxpayer supported
- Business port model
- 4,300 acres land (1,740 hectares)
- 43 miles of waterfront
- 270 berths and 27 cargo terminals
- 7 container terminals
- 86 cranes
Governance

- Governed by the Harbor Commission
- Proprietary Department of the City of LA
- Tidelands Trust Agreement with State of California
- Marine Terminal Operator and Shipping Lines under the Federal Maritime Commission (FMC)
Gateway of Connectivity

- 22 Million Consumers in the LA Region
- 100 Trains Daily to and from the LA Basin
- Access to Major Freight Hubs:
  - Chicago
  - Memphis
  - San Antonio
  - Kansas City
  - New York
  - Atlanta
  - Houston
  - Denver
  - Dallas
Diversity of Uses

- Commercial/Retail
- Public Access
- Cargo
- Fishing
- Marinas
## America’s Port

**Million TEUs CY 2017**

<table>
<thead>
<tr>
<th>City</th>
<th>TEUs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Los Angeles</td>
<td>7.5</td>
</tr>
<tr>
<td>Long Beach</td>
<td>6.7</td>
</tr>
<tr>
<td>Savannah</td>
<td>4</td>
</tr>
<tr>
<td>Tacoma/Seattle</td>
<td>3.7</td>
</tr>
<tr>
<td>Vancouver</td>
<td>2.9</td>
</tr>
<tr>
<td>Hampton Roads</td>
<td>2.8</td>
</tr>
<tr>
<td>Manila</td>
<td>2.8</td>
</tr>
<tr>
<td>Houston</td>
<td>2.5</td>
</tr>
<tr>
<td>Oakland</td>
<td>2.4</td>
</tr>
</tbody>
</table>

**9.3 Million TEUs CY 2017**

- #1 U.S. Container Port
- Imports and Exports to Every Corner of the U.S.
- Economic Engine
- Diverse Uses
- Connectivity to U.S. Markets
- Gateway to the Pacific Rim

**TEU = Twenty Foot Equivalent units**
Top Five Trading Partners

In Cargo Value, CY 2017

- China/Hong Kong, $145 Billion
- Japan, $36 Billion
- Vietnam, $18 Billion
- South Korea, $14 Billion
- Taiwan, $13 Billion
Types of Cargo Facilities

- Liquid Bulk (7)
- Warehouses (4)
- Cruise (2)
- Break Bulk (3)
- Dry Bulk (2)
- Automobile (1)
- Container (7)
What’s in the Box?

Imports
1. Furniture 588K
2. Auto Parts 333K
3. Apparel 320K
4. Electronics 221K
5. Footwear 216K

Exports
1. Wastepaper 222K
2. Animal Feeds 173K
3. Scrap Metal 115K
4. Fabrics 114K
5. Soybeans 81K

Containerized in TEUs CY 2017

Servicing Importers and Exporters All Over the Country!
Types of Cargo

VEHICLES: 236,956, 19%

SCRAP METAL: 719,884 MT, 13.2%

STEEL: 2,078,797 MT, 6.1%

LIQUID BULK: 98,908,750 bbl, 6.1%

FRUIT: 75,038 MT, 5.5%

CRUISES: 109 Calls, 7.6%

VISITORS: 3,000,000, 58%

TEUs: 9.3M TEUs, 5.5%
Key Challenges Facing The Port

• Cargo Growth/Diversion – Panama Canal Expansion, Prince Rupert, Mexico
• Increase in Ship Size – 18 to 20,000 TEU vessels – Shipping line alliances
• Terminal Automation – Labor negotiations, Embracing technology to stay competitive
• Security
• Environmental
• Community
Vessel Size and TEU Capacity

WHY LARGER SHIPS?
A 14,000 TEU vessel costs 60% less per slot than a 4,800 TEU vessel.
Industry Alliance Reshuffling

The Alliance
- Market Share: 29%
- Trans Pacific
- Agreement Duration: 2022
- Terminals: POLA - 3, POLB - 1
- Members: ONE, Hapag-Lloyd

Ocean Alliance
- Market Share: 41%
- Trans Pacific
- Agreement Duration: 2022
- Terminals: POLA - 3, POLB - 2
- Members: Cosco Shipping, OOCL, APL, CMA CGM

2M + HMM
- Market Share: 21%
- Trans Pacific
- Agreement Duration: 2025
- Terminals: POLA - 1, POLB - 1
- Members: MAERSK, MSC, HMM
TraPac Automated Terminal (B136-147)

Project Elements

- Bldgs-New Admin, (10 Bldgs)
- Backlands – 176 ac existing; 70 new ac
- Intermodal Container Transfer Facility (ICTF)
- Wharves – 705’ new; 1022’ reconstruction
- Gates – new main gate

Schedule

Phased Project –
- Construction Started: 2008
- Completed: 2017

Cost

- $510 Million
Container Terminal Automation
Focus Points

- Maximize unit trains to inland destinations (i.e. Chicago)
- Mixed trains, by block, moving to a centralized rail owned location for reworking to a final inland destination
- Enhanced On-dock rail loading – timing of container discharge to match train departure
- Support more on-dock and near-dock rail usage and development
- Explore short-haul trains to inland destinations adjacent to major distribution centers
Environmental Leadership

- Clean Air Action Plan (CAAP)
- Clean Truck Program
- Water Resources Action Plan (WRAP)
- Pasha Green Omni Terminal
- Other Initiatives
Alternative Maritime Power (AMP)

$180 mil in AMP improvements
Since 2003
AMP System

• 23 Berths Completed and Operational
  • 21 Container Berths
  • 2 Cruise Berths
Air Emission Reductions

- Sulfur Oxides: 98%
- Diesel Particulate Matter: 87%
- Nitrogen Oxides: 57%
- Greenhouse Gases: 15%
- San Pedro Bay 2005-2016: 10%

THE PORT OF LOS ANGELES
Capital Improvement Program 1997 - 2022

More than $4B invested in our CIP over 25-year period

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>Actuals</th>
<th>Projections</th>
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</thead>
<tbody>
<tr>
<td>FY 96/97</td>
<td>$344,542</td>
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<tr>
<td>FY 97/98</td>
<td>$139,867</td>
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<tr>
<td>FY 98/99</td>
<td>$125,918</td>
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<tr>
<td>FY 99/00</td>
<td>$104,540</td>
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<td>FY 09/10</td>
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<td>FY 10/11</td>
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<td>FY 16/17</td>
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<td>FY 20/21</td>
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<tr>
<td>FY 21/22</td>
<td></td>
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</tr>
</tbody>
</table>

*In Millions
UPCOMING PROJECTS
Current Specifications:
- Land area: 186 acres (75 hectares)
- Total berth length: 2,500’ (762 m)
- Berths: 2
- Water depth: -45’ (13.7 m)
- Cranes: 5 Post-Panamax cranes
- Gate: 30 lanes
- On-dock rail: 3 tracks = 8,920’ (2,718 m)
- Reefer plugs: 376

Project Highlights:
- 1,260 LF wharf upgrade
- New wharf with 53’ (16.1 m)

Project Total
$40.0M
NOP/NOI: April 11, 2014
Pier 400 Corridor Storage Track Expansion

- **Cost:** $34,015,000
- **Design:** August 2018 to Dec 2019
- **Construction:** May 2020 to Dec 2021
Alameda Corridor Southern Terminus Gap Closure

- Advertise: August 2019
- Construction: $9,000,000
• Cost: $31,050,000
• Design: October 2018 to September 2020
• Construction: April 2021 to March 2023
Purpose: Upgrades to Serve Mega-ships
- Deepen waterside berths
- Bollard & Fender upgrades
- Expand backland for more greater container capacity & handling
- Additional AMP capability
- Provide for 3 additional cranes to service largest ships

Project Total
$65M

Construction Starts
April 2019

Project Highlights:
+ 2,800 LF wharf upgrade
+ -53’ & -47’ draft
+ 1.5 acre backland
+ 5 AMP vaults
+ Improvements for 3 additional cranes (11 total)
Pier 300 Terminal

**Project Elements**
- 1250’ Wharf
- 40 Ac. Backland
- Building Modifications
- AMP

**Schedule**
- Conceptual Design: ongoing
- Construction Start: TBD

**Cost**
- TBD
Harbor Administration Building – HVAC Replacement
$7 Million
Advertise 2019
Berth 200 Track Connections Enhancements
$3.4 Million
Advertise October 2018
Marine Oil Terminals (MOTEAMS)

Berth 148-149 (Phillip 66) - $3.2 Million  Advertise Nov. 2018
Berths 167-169 (Shell) - $23.0 Million  Advertise Apr. 2019
Berth 164 (Valero) - $19 Million  Advertise Aug. 2019
Berth 238-239 (PBF Energy) - $17.5 Million  Advertise Aug. 2019
Berths 150-151 (Phillip 66) - $16.5 Million  Advertise Oct. 2019
Commercial Waterfront Projects
Wilmington Waterfront Park
Opened in 2011

Avalon Promenade and Gateway

Wilmington Waterfront Promenade

Future Commercial Development
Wilmington Waterfront Promenade Design Concept

- Cost: $52,700,000
- Design Complete: March 2019
- Construction: August 2019 to August 2021
Wilmington Waterfront
Avalon Promenade and Gateway
• **Cost:** $23.8M
• **Design Complete:** Late 2019
• **Construction:** 2020-2022
Town Square and Ports O Call Promenade

linking key missing connections, creating new amenities and a destination civic space
San Pedro Public Market
(Formerly known as Ports O’Call)
San Pedro Public Market
Town Square & Promenade

- City Improvements: Promenade, Town Square, Floating Docks
- Cost: $44M
- Design Complete: November 2018
- Construction: May 2019 – November 2022
San Pedro Public Market (SPPM)
AltaSea – Marine Research Center
Business Opportunities

• Construction Contracts
  - Lowest Responsive Responsible Bidder

• Professional Services Agreements
  - SOQ/RFP Process

• POLA Outreach Program (new firms are encouraged!)

• Small & Very Small Business Program
Don’t forget to periodically check the Port’s website...

https://www.portoflosangeles.org