San Pedro Bay Port Complex
Port of Los Angeles Overview

- Harbor Department founded in 1907
- State Tidelands Trust granted 1911
- Non-Taxpayer Supported
- Handles Cargo to & from every corner of the U.S.

By the Numbers:
- 4,300 acres land
- 3,200 acres water
- 43 miles of waterfront
- 270 berths, 27 terminals

Record-Breaking 2018

9,458,748.50 TEUs
## Container Terminal Facilities

<table>
<thead>
<tr>
<th>Terminal</th>
<th>Land area (acres, hectares)</th>
<th>Total berth length</th>
<th>Berths</th>
<th>Water depth (feet, meters)</th>
<th>Berths</th>
<th>Water depth (feet, meters)</th>
<th>Berths</th>
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<th>Water depth (feet, meters)</th>
<th>Berths</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRAPAC</td>
<td>185 acres (75 hectares)</td>
<td>5,400' (1,646 meters)</td>
<td>4</td>
<td>45’ – 53’ (13.7 – 16.1 meters)</td>
<td>16</td>
<td>50' (15.2 meters)</td>
<td>8</td>
<td>20,600' (6,278 meters)</td>
<td>685</td>
<td></td>
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</tr>
<tr>
<td>YANG MING TERMINAL (WICT)</td>
<td>186 acres (75 hectares)</td>
<td>2,500' (762 meters)</td>
<td>2</td>
<td>45’ (13.7 meters)</td>
<td>5</td>
<td>45' (13.7 meters)</td>
<td>3</td>
<td>8,920' (2,718 meters)</td>
<td>370</td>
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<tr>
<td>CHINA SHIPPING (WICT)</td>
<td>132 acres (53.4 hectares)</td>
<td>2,500' (762 meters)</td>
<td>2</td>
<td>52’ (15.1 meters)</td>
<td>10</td>
<td>53' (16.1 meters)</td>
<td>Shared with YML</td>
<td>Shared with YML</td>
<td>204</td>
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<tr>
<td>FMS</td>
<td>292 acres (118 hectares)</td>
<td>4,000' (1,219 meters)</td>
<td>3</td>
<td>50’ (15.2 meters)</td>
<td>16</td>
<td>50' (15.2 meters)</td>
<td>23 entry/exit</td>
<td>20,415' (6,228 meters)</td>
<td>105</td>
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<tr>
<td>YUSEN TERMINALS</td>
<td>185 acres (75 hectares)</td>
<td>5,800' (1,768 meters)</td>
<td>3</td>
<td>45’ (13.7 meters)</td>
<td>10</td>
<td>45' (13.7 meters)</td>
<td>30 lanes</td>
<td>8,531' (2,600 meters)</td>
<td>406</td>
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</tr>
<tr>
<td>EVERPORT TERMINAL</td>
<td>205 acres (82 hectares)</td>
<td>5,800' (1,768 meters)</td>
<td>3</td>
<td>45’ (13.7 meters)</td>
<td>8</td>
<td>8 Post-Panamax cranes</td>
<td>Shared with YML</td>
<td>9,300' (2,834 M)</td>
<td>560</td>
<td></td>
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</tr>
<tr>
<td>APM TERMINALS</td>
<td>484 acres (196 hectares)</td>
<td>7,300' (2,225 meters)</td>
<td>6</td>
<td>55’ (16.8 meters)</td>
<td>19</td>
<td>55' (16.8 meters)</td>
<td>40 lanes</td>
<td>29,004' (8,840 meters)</td>
<td>2,400</td>
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</tbody>
</table>

*Note: Water depth values are approximate and may vary slightly.*
**North American Ranking (2018)**

1. Los Angeles 9.4
2. Long Beach 8.1
3. NY/NJ 7.2
4. Panama (AMP) 7.0
5. Savannah 4.4
6. Tacoma/Seattle 3.8
7. Vancouver 3.4
8. Manzanillo 3.1
9. Hampton Roads 2.9
10. Houston 2.7

**Global Ranking (2017)**

1. Shanghai, China 40.2
2. Singapore 33.7
3. Shenzhen, China 25.2
4. Ningbo, China 24.6
5. Hong Kong 20.8
6. Busan, South Korea 20.5
7. Guangzhou, China 20.4
8. Qingdao, China 18.3
9. LA & LB (as of 2018) 17.5
10. Dubai, Arab Emirate 15.4

**PORT OF LOS ANGELES - TEU COUNT**

<table>
<thead>
<tr>
<th>Year</th>
<th>TEU Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>1981</td>
<td>476,249</td>
</tr>
<tr>
<td>1985</td>
<td>1,103,722</td>
</tr>
<tr>
<td>1990</td>
<td>2,116,410</td>
</tr>
<tr>
<td>1995</td>
<td>2,555,206</td>
</tr>
<tr>
<td>2000</td>
<td>4,879,429</td>
</tr>
<tr>
<td>2005</td>
<td>7,484,624</td>
</tr>
<tr>
<td>2010</td>
<td>7,831,902</td>
</tr>
<tr>
<td>2015</td>
<td>8,160,458</td>
</tr>
<tr>
<td>2018</td>
<td>9,458,749</td>
</tr>
</tbody>
</table>
Other Lines of Business

- **VEHICLES**: 156,091 Units
- **LIQUID BULK**: 90,624,559 Barrels
- **STEEL**: 2,101,856 MT
- **SCRAP METAL**: 905,886 MT
- **FRUIT**: 80,892 MT
- **VISITORS**: 3.14 Million People
- **CRUISES**: 111 Calls
Top Trading Partners & Commodities

**Trading Partners**
1. China/Hong Kong $153B
2. Japan $36B
3. Vietnam $19B
4. South Korea $15B
5. Taiwan $14B

(In Cargo Value, CY2018)

**Imports**
1. Furniture 579K
2. Auto Parts 374K
3. Apparel 355K
4. Footwear 233K
5. Electronics 219K

(Containerized, CY2018)

**Exports**
1. Wastepaper 213K
2. Animal Feeds 187K
3. Fabrics 110K
4. Soybeans 98K
5. Scrap Metal 80K

(Containerized, CY2018)
### Economic Impact

<table>
<thead>
<tr>
<th>Employment</th>
<th>Trade Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>900</strong> Filled positions at the City of Los Angeles Harbor Department</td>
<td><strong>$89.2B</strong> Throughout California – Via San Pedro Bay Complex</td>
</tr>
<tr>
<td><strong>10-15k</strong> Longshore and Terminal jobs in Los Angeles and Long Beach</td>
<td><strong>$312.3B</strong> Throughout the entire United States – Via San Pedro Bay Complex</td>
</tr>
<tr>
<td><strong>190k</strong> Jobs (about 1 in 12) in Los Angeles and Long Beach</td>
<td></td>
</tr>
<tr>
<td><strong>992k</strong> Jobs (about 1 in 9) in the five-county region</td>
<td></td>
</tr>
<tr>
<td><strong>2.8M</strong> Jobs across the United States</td>
<td></td>
</tr>
<tr>
<td><strong>435</strong> U.S. Congressional districts touched by trade</td>
<td></td>
</tr>
</tbody>
</table>
1 | B 200 Track Connections Enhancements | $4.1M Construction
2 | West Basin Lead Track | $7.8M Design
3 | Wilmington Waterfront Promenade | $40.9M Design
4 | B167-169 MOTEMS | $30M Design
5 | Transportation Improvements | $22M Design
6 | B 226-236 Terminal Improvements | $50.3M Construction
7 | San Pedro Public Market Promenade & Town Square | $37M Bids Received
8 | Pier 400 Corridor Storage Track Expansion | $27M Design
West Basin Lead Track Gap Closure

Construct approximately 5,000 track feet of rail parallel to the existing San Pedro Main track

Cost: $7.8M
Advertise: Early 2020
Berth 222-236 “Everport” Redevelopment

- Deepen 2 Berths to -53’ and -47’
- Electrical Infrastructure for 3 additional cranes
- Backland Improvements
- 5 AMP Vaults
- Wharf Repairs

Construction Cost: $50.3 M
Construction Start: September 2019
Berth 167-169 MOTEMS

Construct wharf structure at B 167-169 to conform with the Marine Oil Terminal Engineering and Maintenance Standards (MOTEMS)

Construct new concrete loading platform, access trestle, mooring dolphins and steel catwalks

Estimated Construction Cost: $30M

Construction Start: Mid 2020
Pier 400 Corridor Storage Track Expansion

- Construct five new railroad storage tracks, new crossovers and switches
- Extend the existing rail bridge

Construction Cost: $27M
Construction: Late 2020
SR 47/Vincent Thomas Bridge & Front Street/Harbor Blvd Interchange Reconfiguration

Reconfigure on and off ramps for SR 47 at Front St and Harbor Blvd

Cost: $22M

Design: Dec 2018 to Feb 2021
San Pedro Public Market
Town Square & Promenade
San Pedro Public Market (SPPM)

San Pedro Public Market Design Concepts
Wilmington Waterfront Promenade

Construction Cost: $40,900,000
Advertise: Early 2020
Construction: Mid 2020
Wilmington Waterfront Promenade
Construction Support Services

On-Call Construction Management Services
Five 5-Year Agreements
Execution is in process

- Construction Management Support
- Scheduling
- Estimating
- Administrative
- Specialized Inspection
Current POLA Consulting Contracts

Engineering Support Services

• Design Services On-Call
  Five (5) 3-Year @ $3M ea. Expire Jan 2020
  Execution in process

• MOTEMS On-Call
  Three (3) 3-year agreements
  Active

• Project Specific Agreements for Wilmington Waterfront Projects and SR47/Harbor Blvd Improvements
  Active
Current POLA Consulting Contracts

Register with the

City of Los Angeles Business Assistance Virtual Network

LABAVN

https://www.labavn.org
Thank You
Trade is Shifting in Asia

<table>
<thead>
<tr>
<th>IMPORTS</th>
<th>2018 to 2019 (Jan-April)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cambodia</td>
<td>+45.0%</td>
</tr>
<tr>
<td>Vietnam</td>
<td>+21.9%</td>
</tr>
<tr>
<td>Thailand</td>
<td>+10.6%</td>
</tr>
<tr>
<td>Malaysia</td>
<td>+3.4%</td>
</tr>
<tr>
<td>Indonesia</td>
<td>+2.4%</td>
</tr>
<tr>
<td>Singapore</td>
<td>+1.5%</td>
</tr>
<tr>
<td>Japan</td>
<td>+0.1%</td>
</tr>
<tr>
<td>Republic of Korea</td>
<td>-2.9%</td>
</tr>
<tr>
<td>China/Hong Kong</td>
<td>-11.8%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>EXPORTS</th>
<th>2018 to 2019 (Jan-April)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Malaysia</td>
<td>+51.7%</td>
</tr>
<tr>
<td>Singapore</td>
<td>+43.2%</td>
</tr>
<tr>
<td>Republic of Korea</td>
<td>+27.3%</td>
</tr>
<tr>
<td>Japan</td>
<td>+17.0%</td>
</tr>
<tr>
<td>Indonesia</td>
<td>+12.4%</td>
</tr>
<tr>
<td>Vietnam</td>
<td>+0.1%</td>
</tr>
<tr>
<td>Cambodia</td>
<td>-0.7</td>
</tr>
<tr>
<td>Thailand</td>
<td>-19.7%</td>
</tr>
<tr>
<td>China/Hong Kong</td>
<td>-24.6%</td>
</tr>
</tbody>
</table>
More than $4B invested in our CIP over 25+ year period
Air Emissions Reduction (2005-2018)

- **Greenhouse Gases**: 10%
- **Nitrogen Oxides**: 60%
- **Diesel Particulate Matter**: 87%
- **Sulfur Oxides**: 98%

**2023 GOAL**
- **Container Volume**: 59%
- **2023 GOAL**: 77%
- **2023 GOAL**: 93%
#1 Container Port in the Americas

Container Volume

- Twenty-foot Equivalent Units (TEUs)
- 9.4 Million TEUs in 2018
- 9.3 million TEUs in 2017
- 8.8 million TEUs in 2016
- 8.2 million TEUs in 2015
- 8.3 million TEUs in 2014
- 7.9 million TEUs in 2013
- 8.1 million TEUs in 2012
- 7.9 million TEUs in 2011
- 7.8 million TEUs in 2010
- 6.7 million TEUs in 2009
- 7.8 million TEUs in 2008
- 8.4 million TEUs in 2007
- 8.5 million TEUs in 2006
TOP TRADING PARTNERS
In Cargo Value, CY 2017

1. China/Hong Kong
   $145 Billion
2. Japan
   $35 Billion
3. Vietnam
   $18 Billion
4. South Korea
   $14 Billion
5. Taiwan
   $13 Billion

TOP TRADING PARTNERS & COMMODITIES

IMPORTS
Containerized, CY 2017
1. Furniture
2. Auto Parts
3. Apparel
4. Electronics
5. Footwear

EXPORTS
Containerized, CY 2017
1. Wastepaper
2. Animal Feeds
3. Scrap Metal
4. Cotton
5. Soybeans
Port Electrification
COMMUNITY
Berth 167-169 MOTEMS

- MOTEMS = “Marine Oil Terminal Engineering & Maintenance Standards”
- Berths 167-169 (Shell)
  New Berthing Facility $30M
- Construction Start: Early 2020
**MOTEEMS Program (Ongoing)**

- Berths 148-149 (P66) $28M and
- *Construction Start: TBD*

- Berth 163 (NuStar/Valero) and Berths 187-189 (Vopak)
- *Projects to be implemented by Tenant*
Berth 121-131 “Yang Ming” Redevelopment

Status:
- *EIR/EIS in Process*

Project Elements
- New 1,300’ Wharf, 53’ Depth
- Up to 10 New 100’ gauge cranes
- Expanded Rail (3 loading Tracks w/ RMG Operations)

Schedule:
- TBD

Cost:
- Total Cost: $200M
POLA Opportunities

DESIGN & PROFESSIONAL SERVICES OPPORTUNITIES

On-Call Consultants

1. Engineering Division
2. Construction Division
3. Environmental Management Division

Project Specific Opportunities

www.portoflosangeles.org
www.labavn.org
Environmental Division

CEQA/NEPA Services On-Call
Seven 3-year @ $700K-$4M each expires December 2019
Selection for next contract period on-going

Site Assessment and Restoration Services On-Call
Seven 3-year @ $1.75M - $4M each expires March 2020
Selection for next contract period on-going

Air Quality Services On-Call
Five (5) 3-year @ $500K-$2.5M ea. Expires April 2020

Additional On-Call: Least Tern Nesting, Air Monitoring, Water Quality