PhilaPort Facilities & Capital Assets

- Over 17 facilities
- Over 1,000 acres of property
- Over $1.2 B in infrastructure based on replacement costs
- $576 M in net capital assets

PhilaPort Facilities:

1. Packer Avenue Marine Terminal
2. Philadelphia Auto Processing Facility
3. Southport Auto Terminal
4. Pier 124
5. Pier 122
6. Publicker Container Yard
7. Pier 96, 98 & 100
8. Pier 84
9. Pier 82
10. Philadelphia Forest Products Center
11. PhilaPort Distribution Center
12. Piers 38 & 40
13. Tioga Marine Terminal
14. Tioga Liquid Bulk Terminal
15. PhilaPort Main Offices
16. 3200 Tioga
17. Philadelphia Wholesale Produce Market
## Delaware River Main Channel Deepening

**Project Status:** 99.9% Complete

### Project Details

<table>
<thead>
<tr>
<th>Current vs. Future Depth</th>
<th>40 ft. to be deepened to 45 ft. mean low water*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>103 Miles</td>
</tr>
<tr>
<td>Cost Estimate</td>
<td>$480 million</td>
</tr>
<tr>
<td>Commonwealth Est. Share</td>
<td>$168 million</td>
</tr>
<tr>
<td>Material</td>
<td>16 million cubic yards of dredge materials</td>
</tr>
<tr>
<td>Progress</td>
<td>99.9% Complete</td>
</tr>
<tr>
<td>Targeted Availability</td>
<td>March 2020</td>
</tr>
</tbody>
</table>

*The Delaware River has a 6 foot (1.83 meter) tide
Current Vessel Capacity

12,200+ TEU

Big Ship Ready ✓
Excellent Position

PhilaPort is located in the center of the most densely populated area in the Northeastern U.S.
Inbound Philadelphia Hinterland Cargo*

Year 2018; Includes shippers within 200 miles radius based on Piers data

Mid-Atlantic Ports include: Boston, New York, Newark, Philadelphia, Delaware, Baltimore and Norfolk

Serviced by two class-one railroads:

200 Mile Radius

760,477 TEU Land-Bridge

1,626,504 TEU Across Mid-Atlantic Ports**

Total inbound loaded containers moving within 200 miles of The Port of Philadelphia.

*Year 2018; Includes shippers within 200 miles radius based on Piers data
** Mid-Atlantic Ports include; Boston, New York, Newark, Philadelphia, Delaware, Baltimore and Norfolk
Distribution Centers ➔ Imports

“Lehigh Valley is the inland empire of the East Coast.” - David Egan

- Over 400 Distribution Centers within the PhilaPort’s immediate hinterland
- South Jersey increasingly important nationally as a Distribution Center hub for perishable and dry cargoes

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1Head of Industrial & Logistics Research for the Americas, CBRE (Real Estate); The Journal of Commerce - Oct. 2016.
Velocity at the Gate

- Optical Character Recognition (OCR)
  - Seamless data rolling interchange
  - Driver remains in truck
- Radiation Portal Monitoring (RPM)
- Truck turn times of 40 minutes
- Ability to extend gate hours to increase the velocity throughout the terminal
MARKETING » NEW SERVICE BEGINNING OCTOBER 7

2nd Day Service

Interline Service
Connecting with
Stats
# Cargo Commodities by the numbers

## U.S. Rankings 2018

<table>
<thead>
<tr>
<th>Commodity</th>
<th>Units/Tonnage</th>
<th>2018 Port Rank</th>
</tr>
</thead>
<tbody>
<tr>
<td>Container</td>
<td>592,733 TEUs</td>
<td>16th</td>
</tr>
<tr>
<td>Auto Ro/Ro</td>
<td>141,999 Units</td>
<td>19th</td>
</tr>
<tr>
<td>Forest Products</td>
<td>889,281 Metric Tons</td>
<td>1st</td>
</tr>
<tr>
<td>Cocoa Beans</td>
<td>160,495 Metric Tons</td>
<td>1st</td>
</tr>
<tr>
<td>Steel</td>
<td>236,449 Metric Tons</td>
<td>6th</td>
</tr>
<tr>
<td>Liquid Bulk</td>
<td>1,449,969 Metric Tons</td>
<td>9th</td>
</tr>
</tbody>
</table>

*Among U.S. Ports (PIERS)
Container tonnage is 56%, compared to other commodity tonnage of 44%.
Greater Philadelphia Ports
The Global Leader in Food Cargoes

$5 Billion of Food and associated Products imported into the USA in 2018

$3.6 Billion in Fruit Imports imported in 2018

Philadelphia #1 Food Products
Philadelphia Trade Lanes 2018
Total Trade Lanes percentage in TEUs

Imports

Exports

592,733 in Total TEUs

*New Services coming in 2019 to South Africa and the Mediterranean*
Container Volumes

2012: 273,190
2013: 367,499
2014: 449,122
2015: 427,630
2016: 459,701
2017: 545,408
2018: 592,733
*2019 Forecast: 615,722

Compound Annual Growth Rate is 12.3% per year.
Port Development Plan
Port Development Plan | PhilaPort

$300 Million Investment

- New warehousing
- Terminal upgrades

Channel Deepening Completed now at 45' feet

- The addition of 5 super post-Panamax cranes

Present | Future
---|---
Containers 600,000 TEUs | 900,000 TEUs
Jobs 10,341 | 17,020 65% increase
Clean Air Diesel Operated | Diesel to Electric
Cars 155,000 Units | 350,000 Units
Cranes Small Panamax | Large Super Post-Panamax
Tax Benefit $69.6m Annually | $108.4m Annually
Forest Products* 465,000 mt | 540,000 mt

* Number represents pulp moving through Tico Marine Terminal as pertains to Plan.
* PhilaPort handles over 1m ton of Forest Products annually.
Port Development Plan
Packer Avenue Marine Terminal

$266 Million Investment • $188 Million Commonwealth Investment

<table>
<thead>
<tr>
<th>2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>Terminal Area</td>
</tr>
<tr>
<td>Capacity</td>
</tr>
<tr>
<td>Warehouse Capacity</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>Reefer Plugs</td>
</tr>
<tr>
<td>Cranes</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>Number/Size of Berths</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>Berth Depth at MLW</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>Channel Depth*</td>
</tr>
</tbody>
</table>

*The Delaware River has a 6 foot (1.83 meter) tide

Green = New Super Post-Panamax cranes; Red = Removal of old cranes and warehouses.
*Note: Yellow-highlighted properties represent PhilaPort-owned land. Current Port facilities/terminals. Purple-highlighted properties represent future and potential land acquisitions. And Red-highlighted portions represent all roads in discussion to become Port-use only.
PA State Class I  Rail Network

[Map showing rail network with labeled nodes: NS Conway Yard and NS Rutherford Yard.]

Freight Corridors:
- Crescent
- Southeast
- County Boundaries
- Erie
- Southwest
- Urban Areas

Source: FRA
Thank You!