• A Pennsylvania state agency, PRPA owns six terminals on the Delaware River in Pennsylvania.

• Terminals are leased to private operators. PRPA provides maintenance, marketing, and other services.
PRPA Terminals

- 4,000,000 square feet (371,612 sq. m.) of warehouse space.
- 18,105 linear feet (5,518 m.) of berthing space.
- 28 designated berths.
PRPA Terminals

- 4.3 million tons of cargo, including 247,211 TEUs, passed through PRPA facilities in 2006.
- In 2006, PRPA facilities worked over 505 merchant ships.
Types of Cargo

- Containers: 38%
- Bulk: 11%
- Breakbulk: 51%

PRPA Terminals, 2005
Total Cargo Increased 2002 - 2006

- Liquid Bulk MT
- Containers MT
- Break-bulk MT
Container Volume Increased 2002-2004
Packer Avenue Marine Terminal
Packer Avenue Marine Terminal
Containers, Steel, Frozen Meat, Heavy Lift, Project

• Terminal Area: 106 Acres
• 290,000 sq.ft. dry/heated warehousing capacity
• 2,200,000 cu.ft. refrigerated warehousing capacity
• 1160 Reefer Plugs
• 7 container cranes (45-375 Tons)
• Heavy lift capabilities direct to truck/rail
• Close access to highways
• On-dock rail capabilities
PAMT Facility Improvements - $25 Million

- Two new, post-Panamax 65 l.t. Hyundai container cranes, with twin 20 foot lift capability

- 1,350 fixed reefer plugs including remote monitoring

- Improvements to 260,000 sq. ft. (24,155 sq. meters) of on-dock warehousing space

- Planned, new Automated Container Gate including digitized pre-gate portals and expedited processing times

- Security upgrades to include video surveillance, access control and perimeter barriers
Current Layout of Existing Container Infrastructure
SouthPort Development Details

- 90 - 140 acres (36.4 – 56.7 hectares)
- 2,500 linear feet (762 meters)
- 45 foot berth depth (13.7 meters)
- Contiguous to 1,200 acre Philadelphia Naval Business Center planned to be a distribution and warehouse complex
- Environmental permitting process
  - Aquatic life analysis
  - 40 acres (16.2 hectares) environmental mitigation
  - 6 - 9 million cu. yards (5,734,161 cu. meters) of fill required
Channel Deepening Project

• The main ship channel of the Delaware River will be deepened from its existing 40 feet (12.2 meters) to 45 feet (13.7 meters) between a distance of 109.4 kilometers

• 27 million cubic yards of dredged material

• Approximately $265 million project; local match of $76 million

• Final environmental review is in process by three states

• Project Cooperation Agreement expected to be signed shortly
Estimated annual throughput under this configuration: 490,000 TEUs
Pier 84

- Primary cargoes: Cocoa beans and cocoa products
- 2005 Total Tonnage: 202,058 M/T
- 855 linear feet (260.6m.) of berthing space
- 540,000sq.ft. (23,250 sq. m.) of warehousing
Cocoa Bean Statistics 2002 - 2006
Piers 78/80 and 38/40
Forest Products Facility

• Terminal Area: 51.8 Acres
• 1.3 million square feet of warehouse capacity
• Ro/Ro capabilities
• Close access to highways
• On-dock rail capabilities
• Designated Foreign Trade Zone
Forest Products via Philadelphia

- 796,700 tons of paper
- 25,500 tons of pulp
- 15,700 tons of lumber
- 93,400 tons of other forest products

931,300 tons of forest products via Philadelphia in 2005
Pier 74: New Paper Warehouse

• Total Area: 150,000 ft² (13,935 m²)
• Ceiling Height: 30 feet (9.14 meters)
• Width Between Columns: 60 feet (18.28 meters)
• 16 Truck Bays
• Capacity for 14 Rail Cars
SouthPort Development Plan
Future Expansion
Tioga Marine Terminal
Perishables, Forest Products, Containers, Breakbulk, Steel

• Terminal Area: 96.5 Acres
• 527,000 sq.ft. of total warehouse capacity (heated and cold storage)
• 180 Reefer Plugs
• 2 gantry cranes (45 tons each)
• Close access to highways
• On-dock rail capabilities
Fruit Statistics 2002 - 2006

- 2002: 270,000 MT
- 2003: 300,000 MT
- 2004: 240,000 MT
- 2005: 180,000 MT
- 2006: 120,000 MT
Port Richmond

Future Port Expansion Area

Tioga Port Administration Building

Allegheny Ave.

Delaware Ave.

Tioga Marine Terminal

Delaware River
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