



PHILADELPHIA REGIONAL PORT AUTHORITY





A NEW DAY FOR THE PORT OF PHILADELPHIA...

With plans for a deeper river channel, significant capital investment from the Commonwealth of Pennsylvania, and land on which to expand, the Port is poised for an era of unprecedented growth. The following pages provide information on our marine terminals, services, and future plans.



**Philadelphia Regional
Port Authority**



The Port of Philadelphia is the #1 perishables port in the USA. But Philadelphia really offers much more: the ports of the Delaware River rank #3 in the USA for steel imports, and are among the nation's key entry points for forest products and cocoa. Philadelphia has grown over 20% in container throughput for three years in a row.



← To Washington D.C.
134 mi. 215 km.

To New York →
94 mi. 151 km.

US Customs House



River Pilots

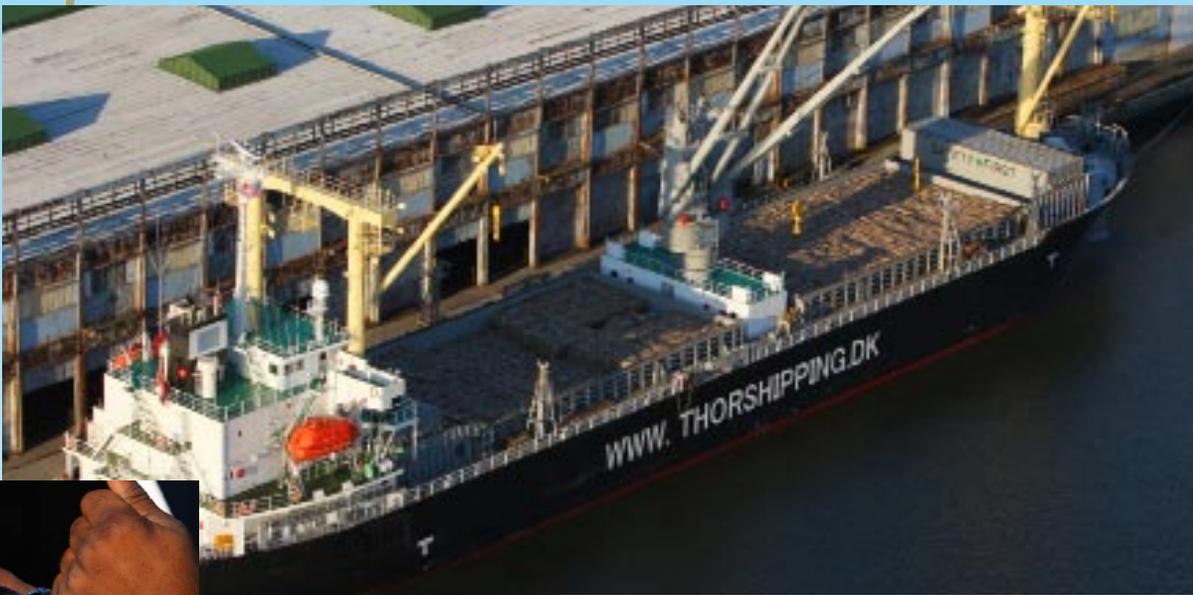
Christopher Columbus Blvd.

Coast Guard

Piers
38-40

Penn's Landing

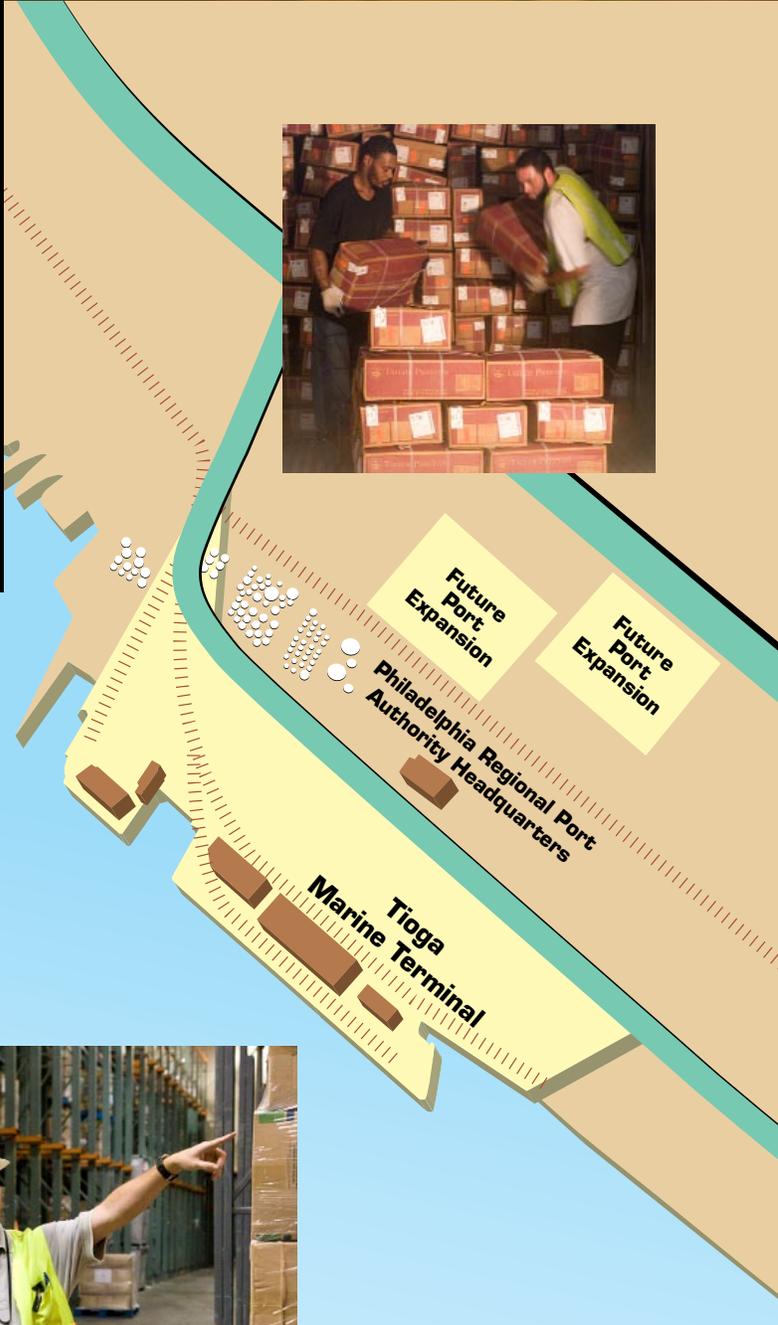
Piers
78-80





The Port of Philadelphia is perfectly situated in the heart of the northeastern corridor, with superior road and rail connections to New York, Washington D.C., the U.S. Midwest and Canada.

100 million people live within a one day's drive of Philadelphia.



Ben Franklin Bridge

PACKER AVENUE MARINE TERMINAL

Specialized Cargoes

Containers, steel products, frozen meat, fruit, heavy lift, project, paper

Terminal Area

112 acres (45 hectares)

Number/Size of Berths

6 berths - 3,800 linear ft. (1,158.24 m.); 1 RO/RO

Depth at MLW

40 ft. (12.2 m.)

Number/Size of Storage Warehouses

1 dry - 90,000 sq. ft. (8,361 sq. m.)
1 dry - 100,000 sq. ft. (9,290 sq. m.)
1 refrigerated - 2,200,000 cu. ft. (62,297 cu. m.)

Reefer Plugs

1,200

Cranes

1 Kocks heavy lift container crane: 375 short tons (36.29 metric tons)
2 Kocks container cranes: each 45 short tons (40.8 metric tons)
1 Kocks container crane: 40 short tons (35.6 metric tons)
1 Paceco container crane: 45 short tons (40.8 metric tons)
2 Hyundai container cranes: each 72.8 short tons (66 metric tons)

Direct Transfer

Heavy lift direct to truck/rail; oversize direct to rail available

Equipment

6 toploaders: 95,000 lbs. (43,091 kg.)
5 toploaders: 30,000 lbs. (13,607 kg.)
100 forklifts: 3,000 lbs. (1,360.7 kg.) to 35,000 lbs. (15,875.7 kg.), 20 yard hustlers
8 reach stackers: 99,300 lbs. (45,041.7 kg.)

Trucking Information

8-lane container gate inbound; separate gate for breakbulk cargo
3-lane container gate outbound; LTL gate inbound, LTL gate outbound
130 loading docks

Highways

I-95 and I-76 within 1/2 mile (80.4 km.)

Rail Connections

CP Rail System, CSX, Norfolk Southern

Other Features

Computerized gate facilities
Automated Manifest Systems (AMS) certified
Voice Response Unit (VRU)
Activated Foreign Trade Zone
Radiation Portal Monitors

Owner

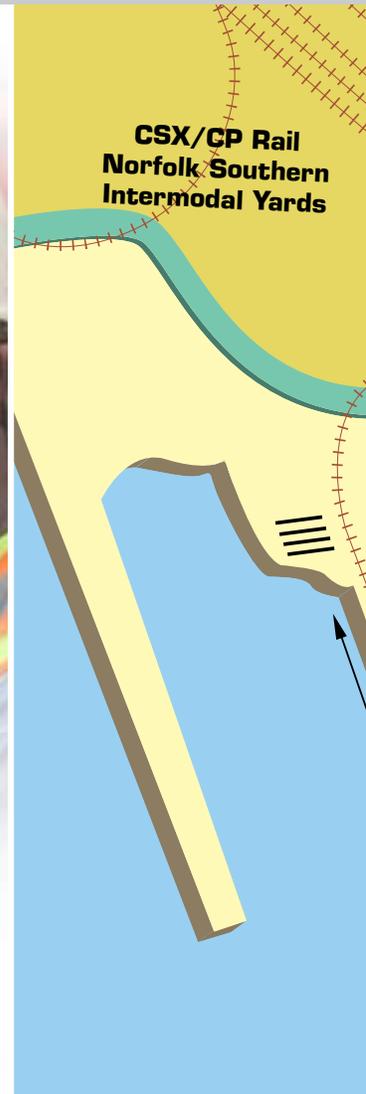
Philadelphia Regional Port Authority
215-426-2600

Operator

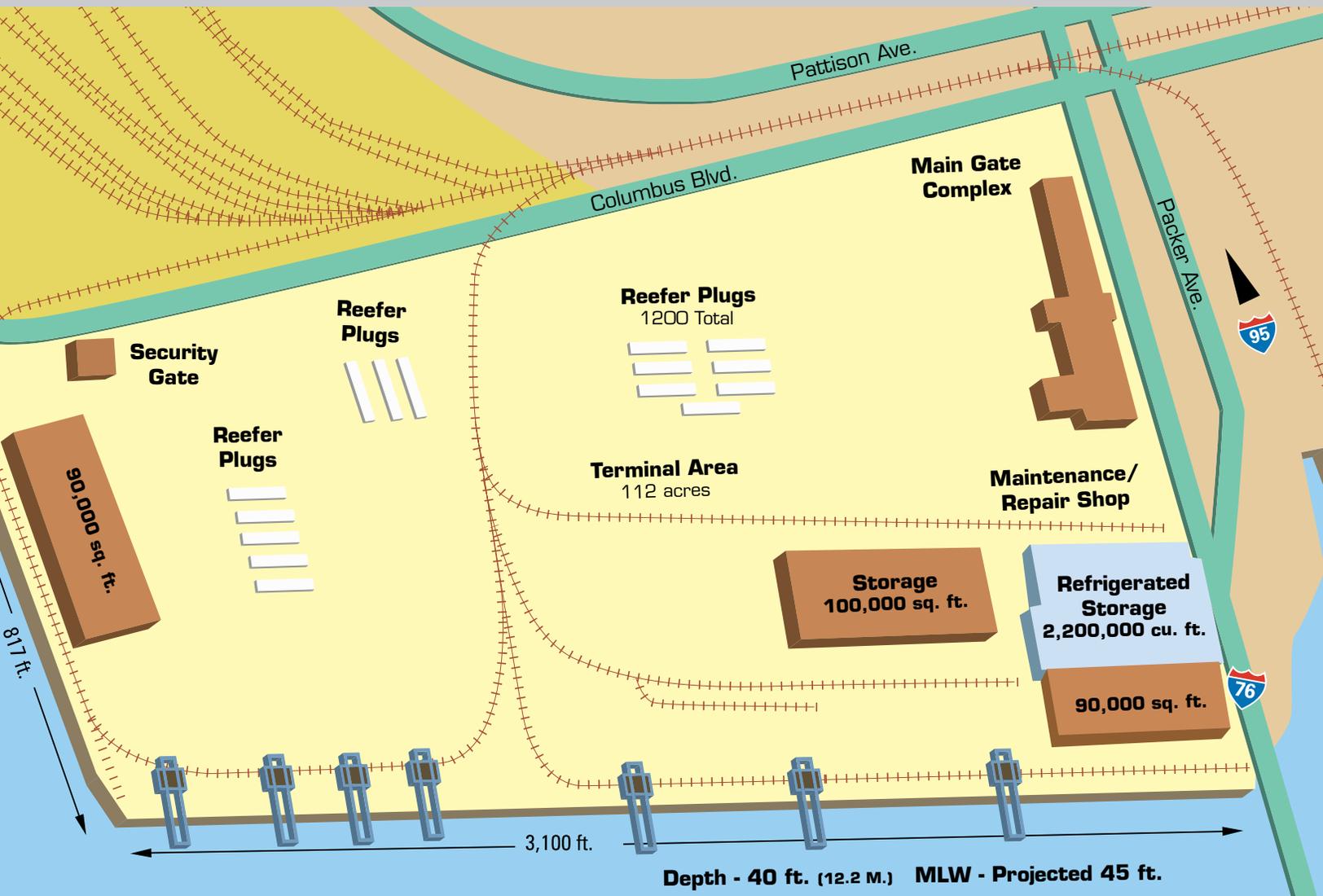
Greenwich Terminals, LLC.
215-923-5000

Location

Columbus Blvd. (Delaware Ave.,
at Packer Ave.) Philadelphia, PA



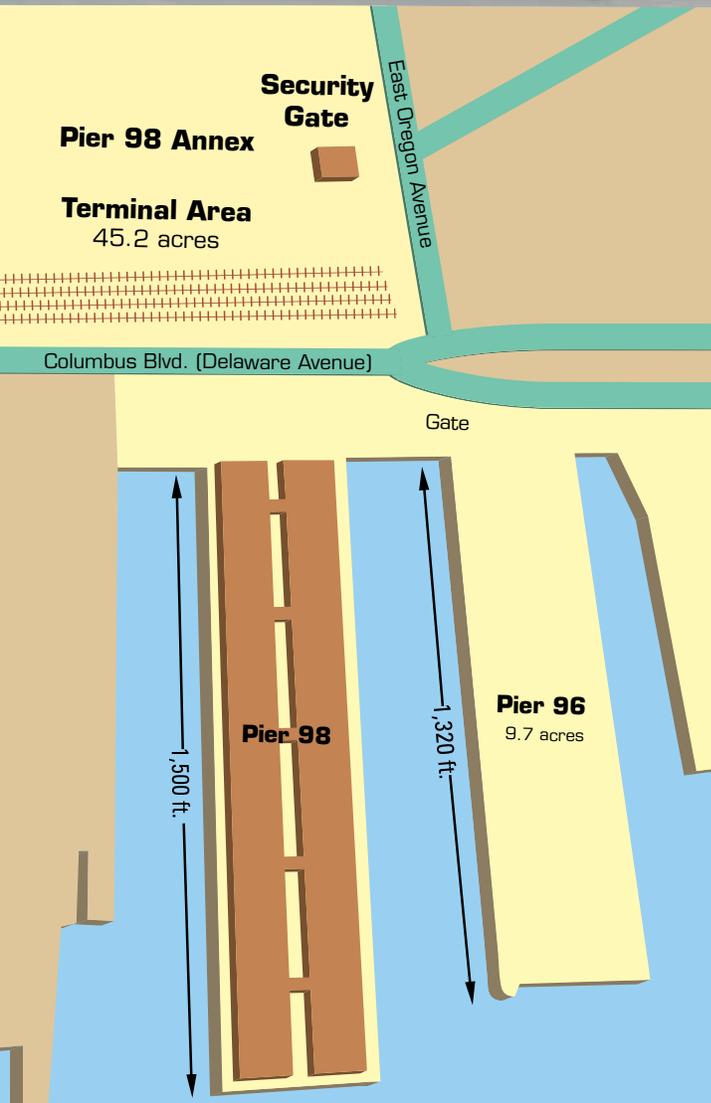
The Packer Avenue Marine Terminal is the busiest facility in the Port. It's 112 bustling acres handle containers, steel products, frozen meat, and specialty cargoes.



PIER 96/ PIER 98 ANNEX

Owner Philadelphia Regional Port Authority
215-426-2600

Location Columbus Blvd. (Delaware Ave.)
at Oregon Ave., Philadelphia, PA



Specialized Cargoes

Automobiles, project, trucks, heavy equipment

Terminal Area

Pier 96: 9.7 acres (3.93 ha.)
Pier 98 Annex: 45.2 acres (18.3 ha.)

Number/Size of Berths

2 berths: 1,320 linear ft. (402.3 m.) each

Depth at MLW

32 ft. (9.75 m.)

Number/Size of Storage Warehouses

2 sheds: Auto-washing shed - 15,000 sq. ft. (1,394 sq. m.)
Service building - 80,000 sq. ft. (7,432 sq. m.)

Equipment

Forklifts, shuttle equipment, rail loading equipment

Highways

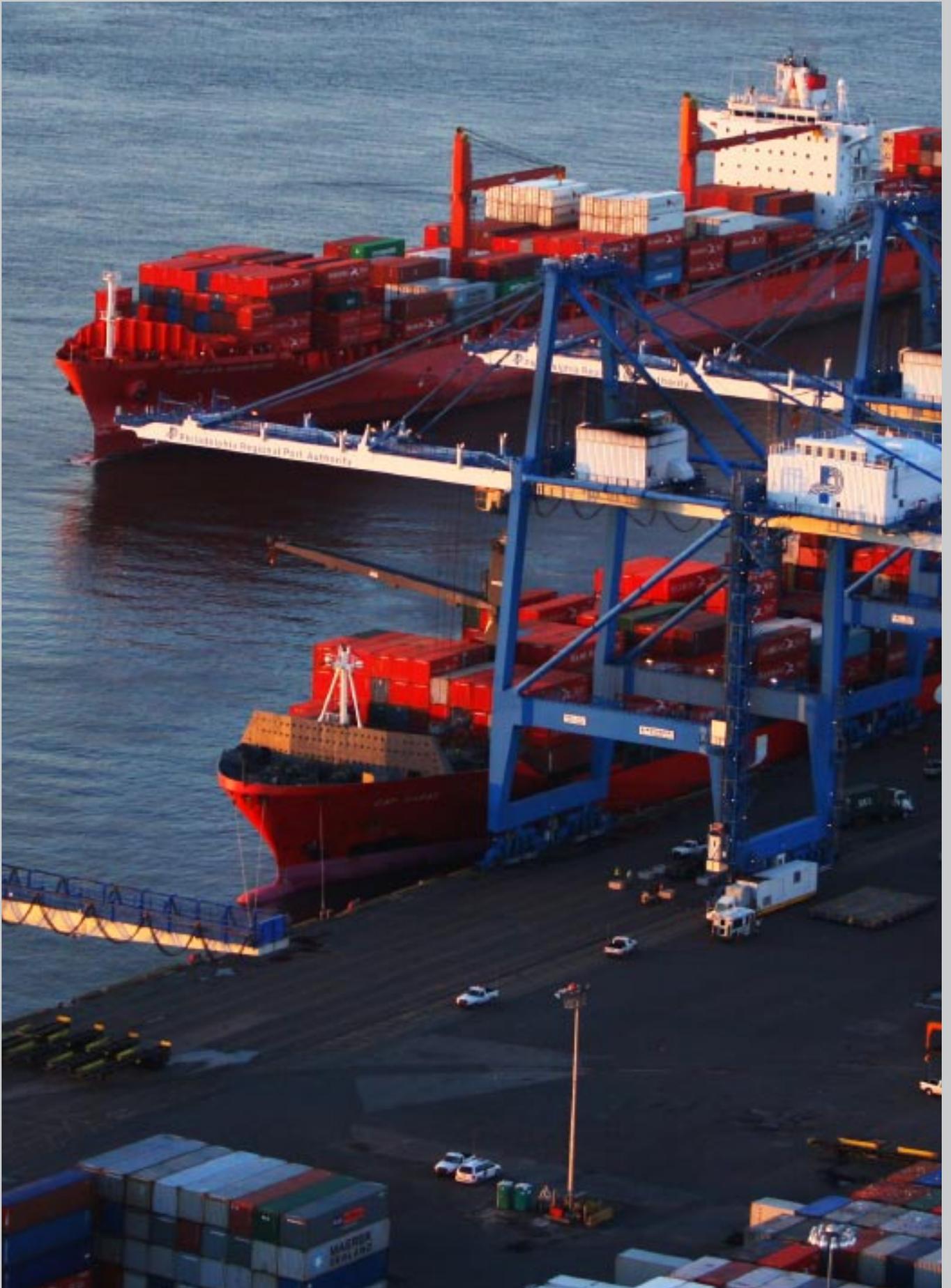
Direct access to highways I-95 and I-76

Rail Connections

CP Rail System, CSX, Norfolk Southern

Other Features

Accessory shop accommodates 125 vehicles;
Auto-washing system handles 125 vehicles per hour;
computer tracking system follows entire process;
Designated Foreign Trade Zone



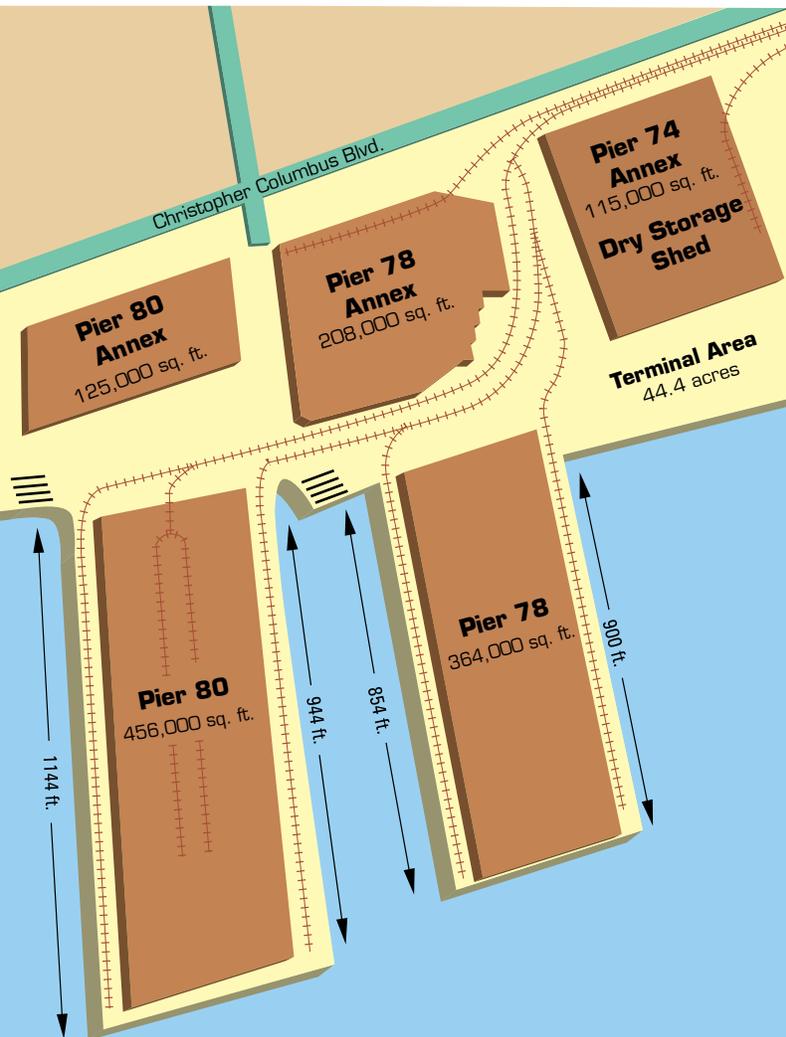
PIERS 78 & 80



Owner Philadelphia Regional Port Authority
215-426-2600

Operator Penn Warehousing & Distribution
215-218-3000

Location **Piers 78/80:** Columbus Blvd.
(Delaware Ave.) at Snyder Ave.
Piers 38/40: Columbus Blvd.
at Christian St.
Philadelphia, PA



Specialized Cargoes

Newsprint, coated paper, wood pulp,
other forest products

Terminal Area

44.4 acres = 17.97 hectares

Number/Size of Berths

Pier 78: N.S. 900 linear ft. (274.3 m.)
S.S. 854 linear ft. (260.3 m.)
Pier 80: 2 berths with RO/RO ramps
N.S. 994 linear ft. (303 m.)
S.S. 1,144 linear ft. (348.7 m.)

Depth at MLW

35 ft. (10.7 m.)

Number/Size of Storage Warehouses

Pier 74 Annex: 115,000 sq. ft. = 10,684 sq. m.
Pier 78: 1 dry - 364,000 sq. ft. (33,817 sq. m.)
Pier 78 Annex: 1 dry - 208,000 sq. ft./
2,600,000 cu. ft.
(19,324 sq. m./74,480 cu. m.)
Pier 80: 1 dry - 456,000 sq. ft. (42,364 sq. m.)
Pier 80 Annex:
1 dry - 125,000 sq. ft. (11,613 sq. m.)

Direct Transfer

Direct to storage/truck/rail; RO/RO capabilities

Equipment

Over 100 customized lift trucks with advanced
pressure-controlled paper handling capabilities;
5 fifth wheels; 40 tractors; 35 flatbeds; 30 vans

Loading Docks

48 truck bays; accommodations for 58 rail cars

Highways

Close to highways I-95 and I-76

Rail Connections

CP Rail System, CSX, Norfolk Southern

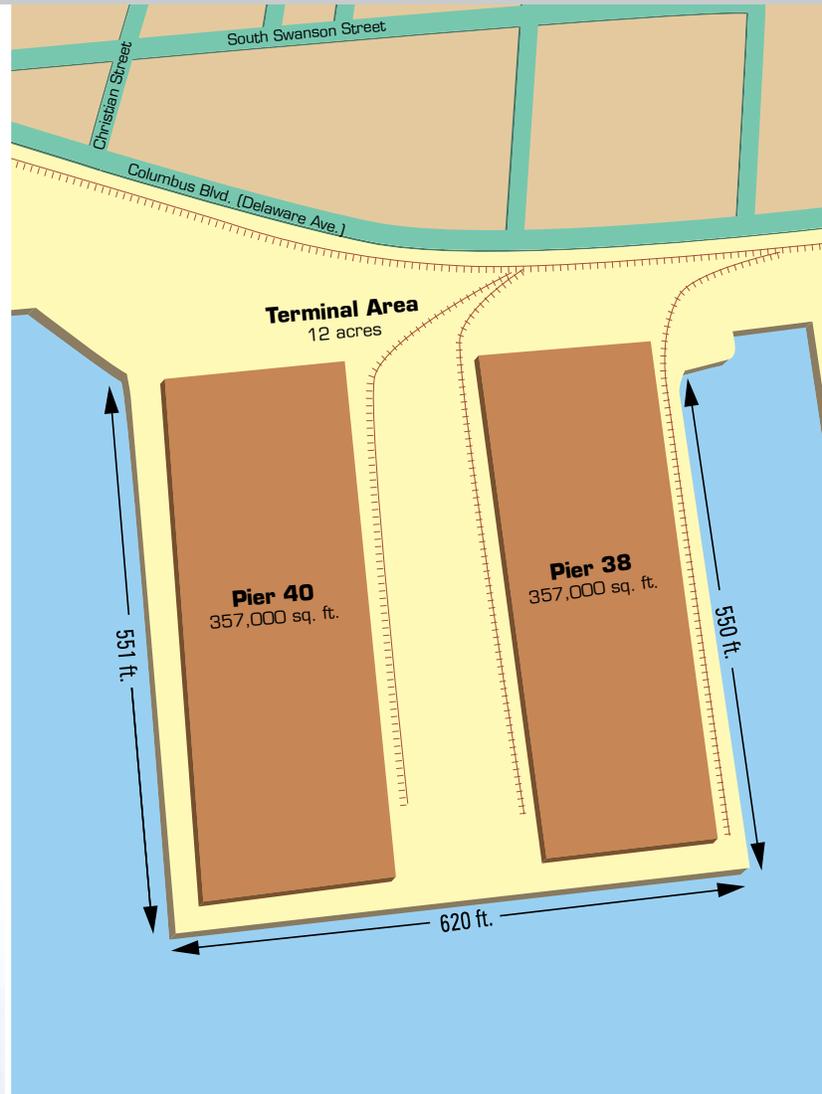
Other Features

Designated Foreign Trade Zone

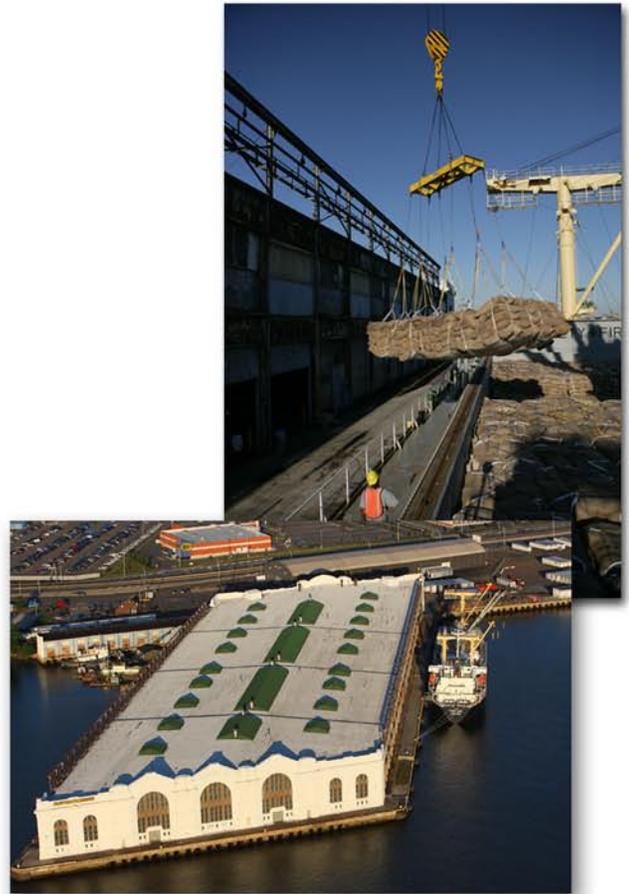
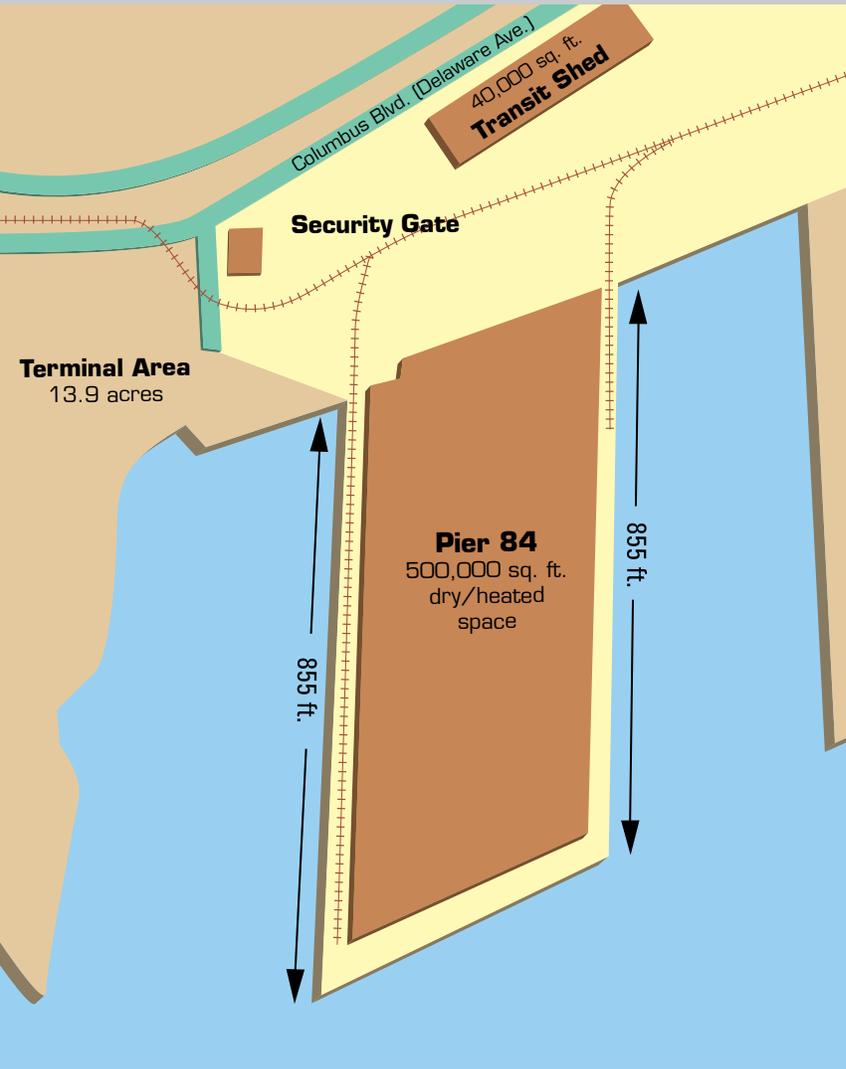
PIERS 38 & 40

The Forest Products Center, composed of five piers, is home to Philadelphia's burgeoning paper products industry. Newsprint, wood pulp, lumber, coated paper and other forest products are processed here.

Specialized Cargoes	Newsprint, coated paper, wood pulp, other forest products
Terminal Area	12 acres (4.9 ha.)
Number/Size of Berths	N.S. 550 linear ft. (167.64 m.) S.S. 551 linear ft. (168 m.) E.S. 620 linear ft. (189 m.)
Depth at MLW	32 ft. (9.75 m.)
Number/Size of Storage Warehouses	2 dry - each 180,000 sq. ft. (16,722 sq. m.) Pier 40 - 1st floor heated & humidification
Direct Transfer	Direct to storage/truck/rail
Equipment	25 forklifts equipped with paper roll and/or pulp clamps; 30 tractors; 35 flatbeds; 20 vans
Loading Docks	16 truck bays; accommodations for 10 rail cars
Highways	Close to highways I-95 and I-76
Rail Connections	CP Rail System, CSX, Norfolk Southern
Other Features	Designated Foreign Trade Zone



PIER 84



Owner Philadelphia Regional Port Authority
215-426-2600

Operator Dependable Distribution Services
215-462-5780

Location Columbus Blvd. (Delaware Ave.)
between Oregon Ave. & Jackson St.
Philadelphia, PA

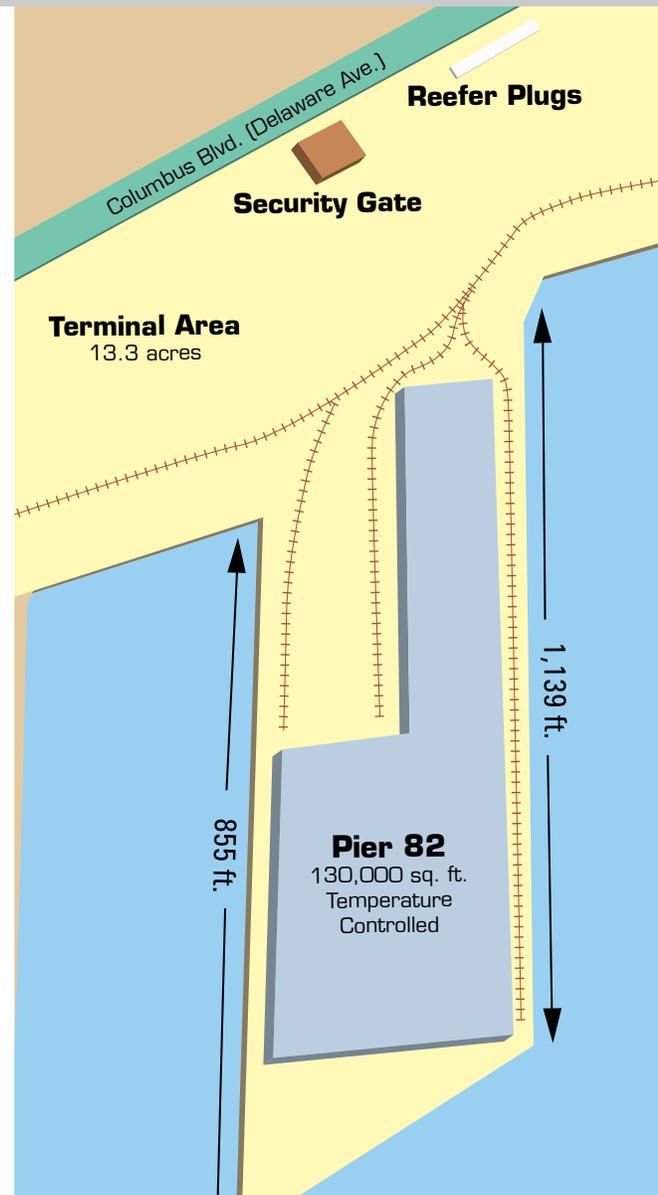
Pier 84, our dedicated cocoa products facility, is world-renowned for its capable handling of this sensitive cargo. Value added services make this terminal a key partner for the region's numerous cocoa processors.

Specialized Cargoes	Cocoa beans and cocoa products
Terminal Area	13.9 acres (5.62 ha.)
Number/Size of Berths	1 berth: 855 linear ft. (260.6 m.)
Depth at MLW	32 ft. (9.75 m.)
Number/Size of Storage Warehouses	1 dry storage 500,000 sq. ft. (46,452 sq. m.) 1 dry storage 40,000 sq. ft. (3,716 sq. m.)
Loading Docks	Canopied loading platforms for over 40 trucks
Highways	Close access to highways I-95 and I-76
Rail Connections	CP Rail System, CSX, Norfolk Southern
Other Features	Value added services include de-bagging, super sacking, weighing and testing



PIER 82

Specialized Cargoes	Fruits and vegetables, breakbulk, project, paper
Terminal Area	13.3 acres (5.38 ha.)
Number/Size of Berths	2 berths: 1,139 linear ft. (347.2 m.) and 855 linear ft. (260.6 m.)
Depth at MLW	32 ft. (9.75 m.)
Number/Size of Storage Warehouses	1 heated/chilled - 130,000 sq. ft. (12,077 sq. m.) with humidification system Two high racking throughout
Reefer Plugs	112
Loading Docks	16 loading docks (10 canopied)
Highways	Close access to highways I-95 and I-76
Rail Connections	CP Rail System, CSX, Norfolk Southern
Crane	1 Liebherr Mobile Harbor Crane 114 short tons (103 metric tons) for breakbulk cargo 44 short tons (39.9 metric tons) for containerized cargo



Owner	Philadelphia Regional Port Authority 215-426-2600
Operator	Horizon Stevedoring 215-218-3081
Location	Columbus Blvd. (Delaware Ave.) at Packer Avenue, Philadelphia PA

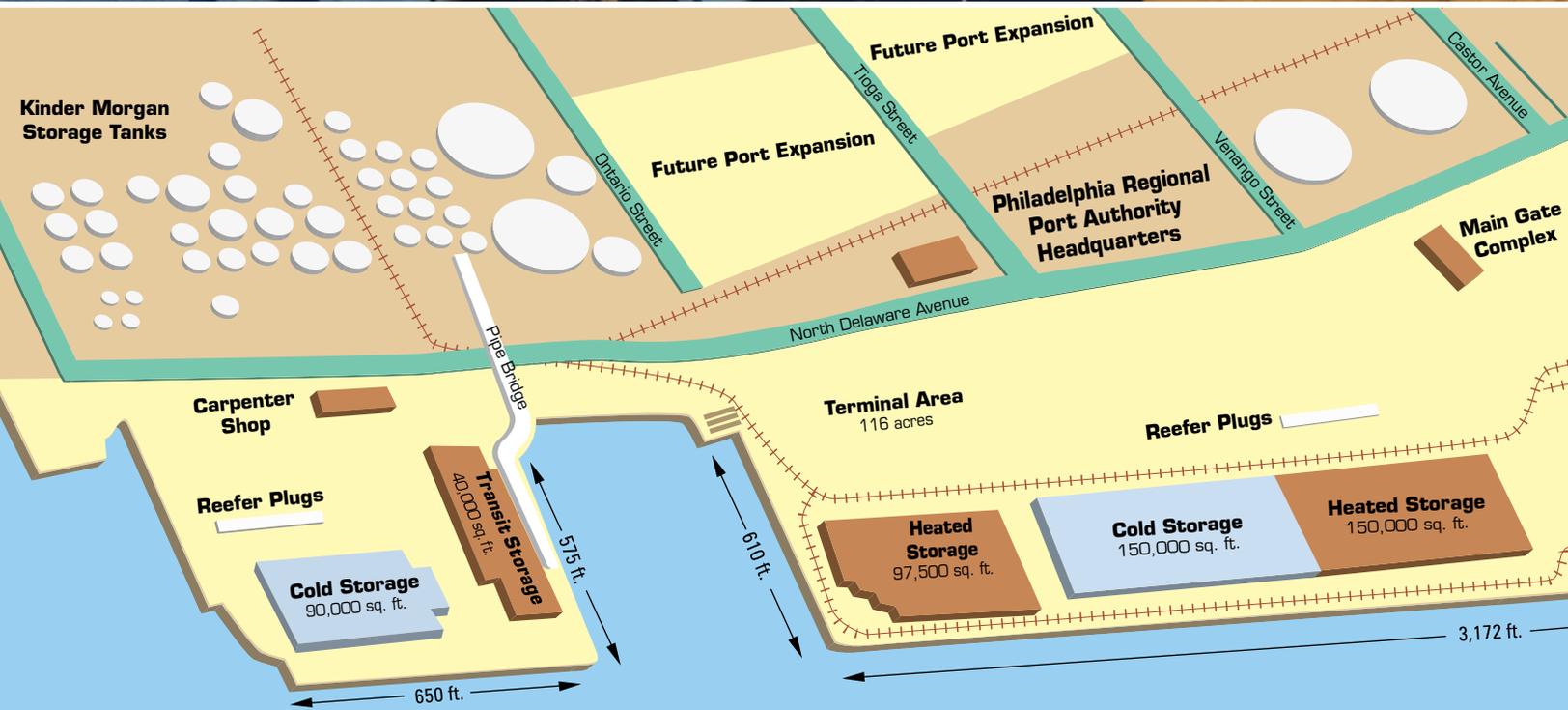
Pier 82 is superbly suited to handle fruits and vegetables, as well as breakbulk and project cargo. Six individually operated refrigerated rooms can be set to separate temperatures for various types of perishable goods.

TIOGA MARINE TERMINAL

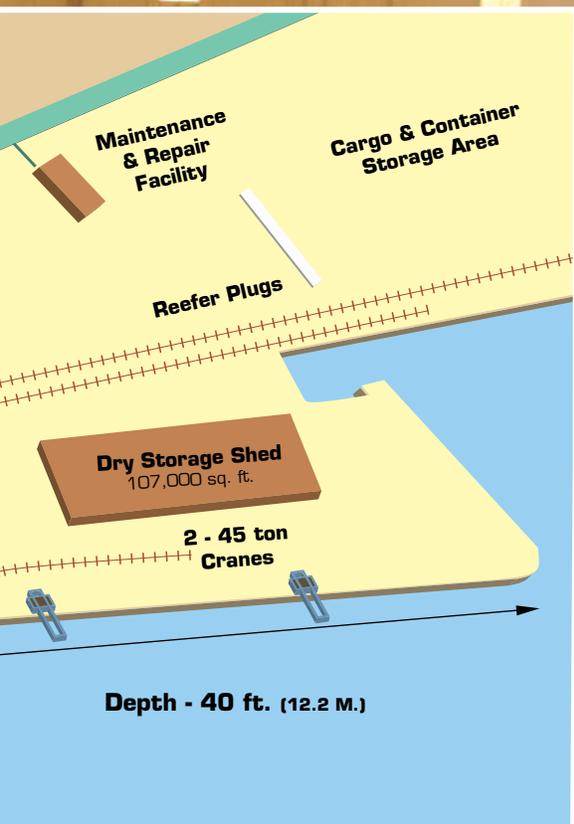
Owner Philadelphia Regional Port Authority
215-426-2600

Operator Delaware River Stevedores Inc.
215-440-4100

Location Delaware Ave. & Tioga St.
Philadelphia, PA



The Tioga Marine Terminal is home to Philadelphia's Chilean fruit business. A 116-acre facility, it can also handle containers, breakbulk cargo and steel.



Specialized Cargoes

Containers, refrigerated fresh fruit, paper, plywood, autos, palletized, project, breakbulk, and steel

Terminal Area

116 acres (47 sq. hectares)

Number/Size of Berths

6 berths - 3,822 linear ft. (1,164 m.); 1 RO/RO

Depth at MLW

36 ft. (10.97 m.)

Number/Size of Storage Warehouses

1 compartmented 27,870.91 sq. ft. warehouse:
 150,000 sq. ft. refrigerated; 13,935 150,000 sq. ft. heated
 1 cold storage - 90,000 sq. ft. (8,361 sq. m.) with racked storage for 6,000 pallets
 1 heated storage - 97,500 sq. ft. (9,058 sq. m.)
 1 dry - 40,000 sq. ft. 3716 sq. m.
 1 dry - 107,000 sq. ft. 9940 sq. m.

Reefer Plugs

180

Cranes

2 Kocks container gantry cranes: each 45 short tons (40.8 metric tons)
 Hydraulic and mechanical mobile cranes available

1 Liebherr Mobile Harbor Crane
 114 short tons (103 metric tons) for breakbulk cargo
 44 short tons (39.91 metric tons) for containerized

cargo

Direct Transfer

Direct to truck/rail; LCL and FCL handling

Equipment

Electric forklifts; semi automatic spreaders; top lifters for containers;
 3 toploaders - each 50 tons (45.4 metric tons)
 4 forklifts - each 30 tons (27.2 m.t)
 4 forklifts - each 20 tons (18.1 m.t)
 10 yard hustlers
 Approximately 50 other forklifts of various capacities

Loading Docks

Canopied loading platforms for 100 trucks

Truck Gates

8 T.I.R. lanes, 3 with scales
 Computer system offering full EDI connectivity
 Truck turn times under 40 minutes

Highways

Immediate access to highways I-95 and I-76

Rail Connections

CP Rail System, CSX, Norfolk Southern

Other Features

Fumigation capabilities for 800,000 fruit boxes a day; trailer offices for customers; 2,000 ft. of rail siding for intermodal COFC transfer

REGIONAL INTERMODAL TRANSFER FACILITIES

	CP Rail	CSXI-Greenwich	Norfolk Southern
Operator	CSX Intermodal-Greenwich	CSX Intermodal-Greenwich	Norfolk Southern - Philadelphia
Location	3400 S. Columbus Blvd. (Delaware Avenue) Philadelphia, PA 19148	3400 S. Columbus Blvd. (Delaware Avenue) Philadelphia, PA 19148	Intermodal Container Terminal 201 Kitty Hawk Ave Philadelphia, PA 19112
Telephone	215-218-3300	215-218-3300	267-570-1200
Facsimile	215-218-3313	215-218-3313	267-570-1215
Service	Daily double-stack service to Montreal, Toronto, and West Coast	Jacksonville, Miami, Port Everglades, New Orleans, Chicago, St. Louis, Houston; interline service to major U.S. Midwestern destinations via Chicago	Daily double-stack service to St. Louis, Chicago and Kansas City

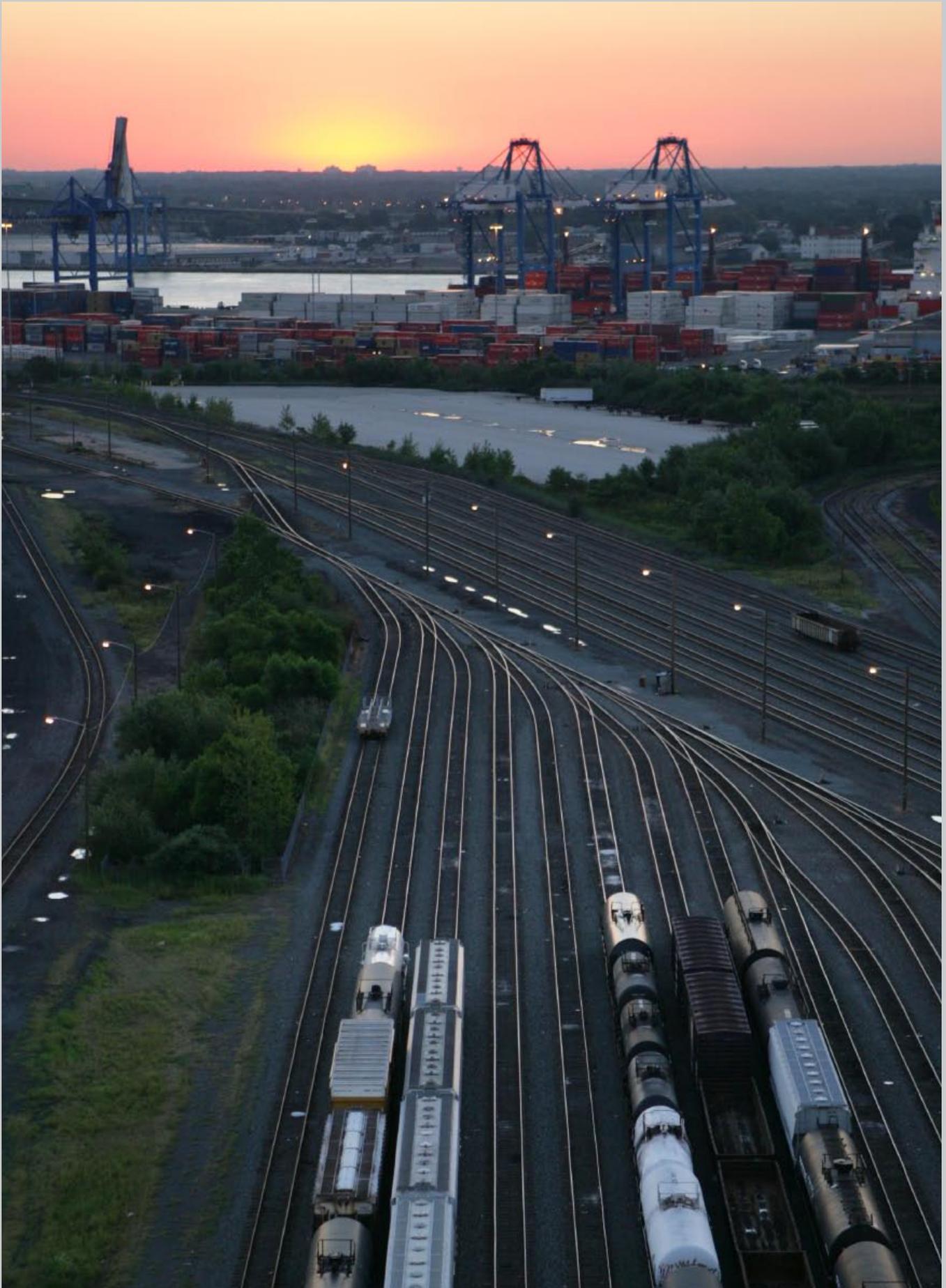
In addition to our state-of-the-art marine terminals, the Port of Philadelphia has the supporting infrastructure necessary for quick and efficient cargo transport. This infrastructure includes adequate channel depths, rail linkages, major highways, hundreds of trucking services, and a network of private warehouses.

Currently, the Port's facilities are serviced by three class-one railroads: CP Rail, CSX, and Norfolk Southern. CP Rail provides regular services between Philadelphia and the major eastern Canadian points of Montreal and Toronto. CSX provides daily service between Philadelphia and major midwestern, southern and southeastern U.S. destinations. Norfolk Southern provides double-stack intermodal service between Philadelphia and major midwest destinations.

All of our terminal facilities are located in close proximity, and have easy access, to all major trucking routes. I-95 runs adjacent to our port facilities, and I-76, a major east-west thoroughfare, has entrance ramps close to our terminals. Over 400 local trucking companies operate in the region, with a combined total of over 20,000 trucks. These trucking companies offer experience in every type of cargo handling, and regularly meet a substantial demand on the part of our terminals for as many as 1,500 reefer trucks per week, as well as heavy lift and specialized trucks.

The Port of Philadelphia is in the process of deepening, from 40' to 45', the main channel of the Delaware River from the ocean to the marine terminals in Philadelphia and Camden. This process will take from 5 to 7 years. The deeper channel will be beneficial to both Pennsylvania and New Jersey. In Pennsylvania, the Packer Avenue Marine Terminal, Piers 78, 80, 82, 84, 96, 122, & 124, Penn Terminals, the Aker Philadelphia Shipyard at the Philadelphia Naval Business Center, the three Sun Oil refineries, and the Tosco refinery will all benefit from a deeper navigation channel. In New Jersey, Beckett Street and Broadway Terminals, Gloucester Marine Terminal and the Eagle Point and Paulsboro refineries among others, will also benefit from a deeper navigation channel.





SOUTHPORT A CONCEPT FOR THE FUTURE



Southport is our ambitious plan to create a 150-acre container terminal near the southern tip of the Philadelphia Naval Shipyard. With international trade expected to more than double over the next 10 years, Philadelphia has the space to increase our share of global cargoes.

The development of Southport, expected to take 5-7 years, should coincide with the completion of a new, larger set of locks in the Panama Canal.



The citizens of Panama recently approved a referendum authorizing the increase in the size and capacity of the Panama Canal. This project, which will allow for larger ships to bring more cargoes to US East Coast ports, is expected to be completed in 2014.

Bigger ships, a larger Panama Canal, new marine terminals, and excellent road and rail connections.... A good combination for the future.



RAIL INFRASTRUCTURE



The Philadelphia Regional Port Authority, an independent agency of the Commonwealth of Pennsylvania, is charged with the management, maintenance, marketing, and promotion of the public Port facilities along the Delaware River in Philadelphia.



**PHILADELPHIA REGIONAL
PORT AUTHORITY**

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