

The Port of Baltimore

Breakbulk, Specialized
& Project Cargo



Maryland Port Administration

Breakbulk, Specialized & Project Cargo

Strategic Location

Cargo Handling Capabilities

Service Coverage

Summary



Strategic Location

Breakbulk, Specialized & Project Cargo



Strategically located 150 miles further inland than any other Mid-Atlantic Port.

With high transportation costs , our inland location provides a tremendous cost advantage.

The Port of Baltimore's Public and Private Marine Terminals are located just minutes from Interstate 95, the East Coast major north-south corridor, and I-70, the East-West connection.

Your cargo will reach 1/3 of the U.S. population and the industrial heartland in just an overnight drive from The Port of Baltimore.



Truck Mileage Comparison

To/From	Baltimore	Philadelphia	New York	Norfolk	Savannah	Houston
Pittsburgh, PA	224	292	386	386	659	1,337
Parkersburg, WV	314	397	497	424	599	1,122
Buffalo, NY	347	356	372	544	857	1,387
Cleveland, OH	350	418	475	513	752	1,211
Columbus, OH	391	460	551	535	656	1,094
Toronto, Canada	458	497	504	665	1007	1529
Cincinnati, OH	497	566	657	598	625	996
Detroit, MI	503	571	631	665	817	1,209
Indianapolis, IN	561	630	721	699	755	970
Louisville, KY	598	667	758	641	613	915
Chicago, IL	673	741	801	835	868	1,049
Milwaukee, WI	759	827	887	921	944	1,114
St. Louis, MO	795	864	955	900	789	787
Des Moines, IA	990	1,058	1,118	1,150	1,053	935



Cargo Handling Capabilities

Dundalk Marine Terminal

Infrastructure

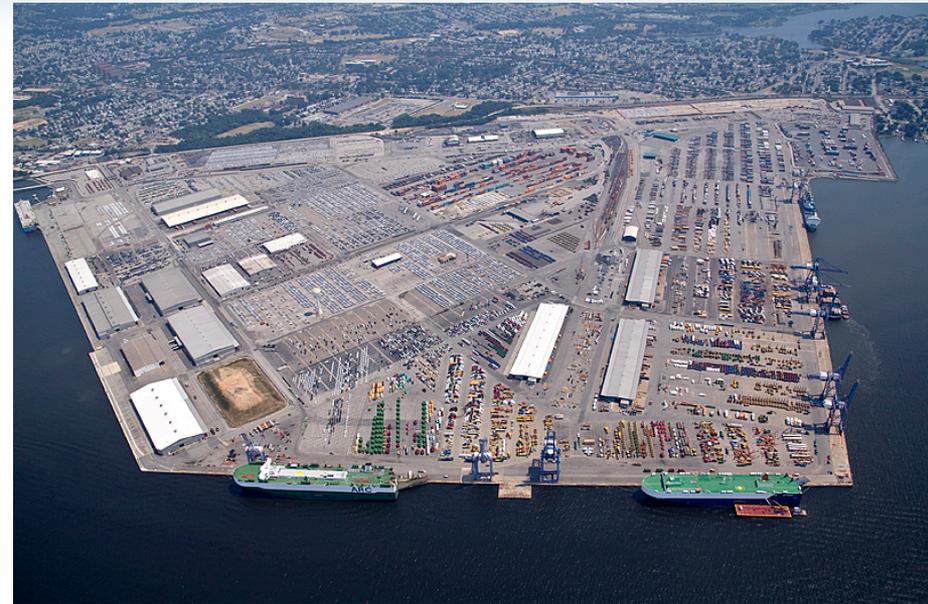
- 13 berths
- 9 container cranes
- 2 heavy lift mobile harbor cranes up to 200 MT lifts
- Direct rail access via Norfolk Southern
- Largest and most versatile general cargo handling facility in the Port of Baltimore 570-acres (230 ha)
- Just minutes from the I-95 corridor and I-695 Beltway

Commodities

- Automobiles
- Farm, construction and other Roll-on/Roll-off (Ro/Ro)
- Breakbulk & Project cargo.
- Containers
- If it moves on a vessel, Dundalk can handle it.

Terminal Operators

- Ports America
- Mid Atlantic Terminal (MAT)
- Ceres Marine Terminals



Dundalk Marine Terminal

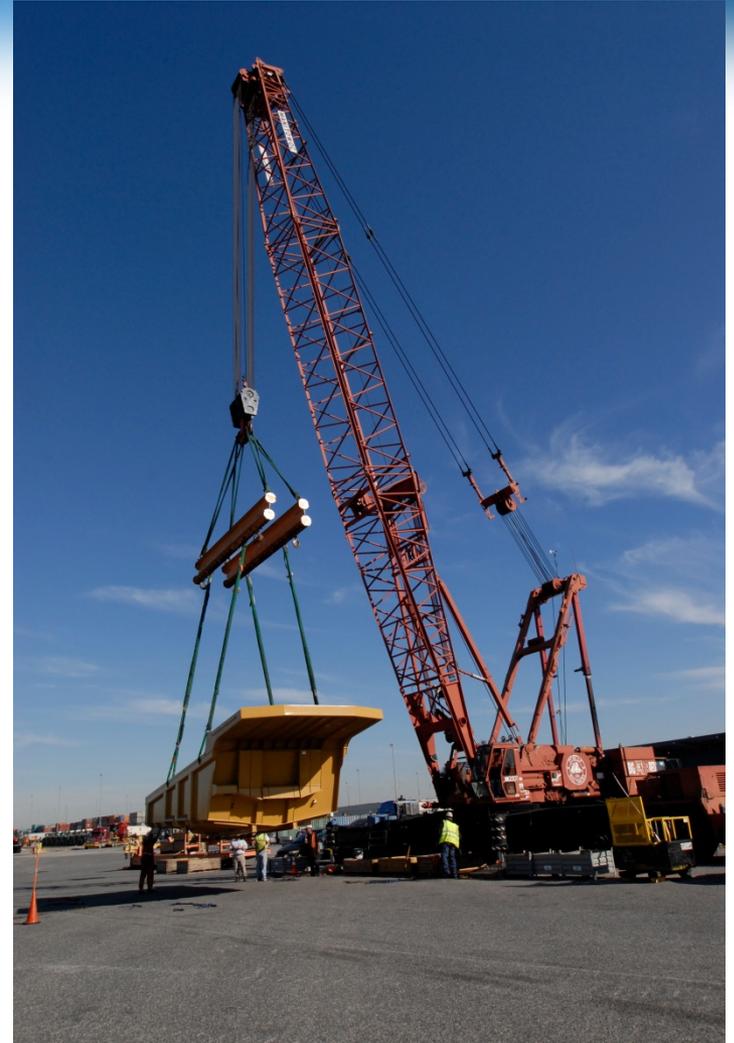


This is the future back gate location linking to I-695 Baltimore Beltway.



Infrastructure

Located on Dundalk Marine Terminal “Big Red” – a Manitowoc M250T with a boom length of 51 meters and a lifting capacity of 200 MT.



Infrastructure

Also Located on Dundalk Marine Terminal “Yellow” – a Manitowoc GROVE GMK 7550 heavy-lift crane 182 MT lifting Capacity with 7 meter reach boom.



Direct Discharge Vessel to Rail



The Port of Baltimore has direct rail discharge located at berths 5/6 Dundalk Marine Terminal serviced by Norfolk Southern.



Direct Discharge Vessel to Rail



The Port of Baltimore has direct rail discharge located at berths 5/6 Dundalk Marine Terminal serviced by Norfolk Southern.



Direct Discharge Vessel to Rail

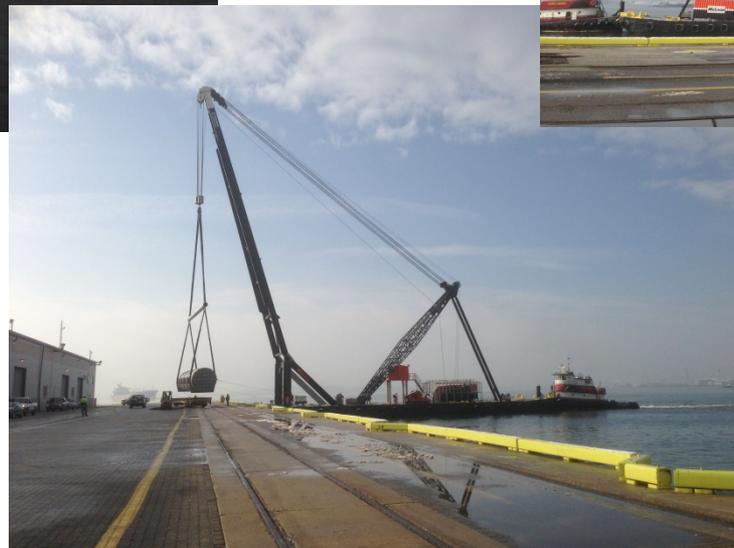


254 MT lift direct to rail



Direct Discharge from Water

Heavy lift floating crane available for discharge from vessel directly load to rail, barge or truck.



Heavy lift pads in place to handle 80,000 lbs or 36.3 MT per axle on railcar.



Breakbulk/Project Caro

Discharge using ship's gear to dock and into the warehouse



Locust Point

- 5 berths
- 1 container crane
- 1 gantry up to 90.7 MT lifts
- Direct rail access via CSX
- 169-acres (68 ha)
- Versatile general cargo handling facilities
- Adjacent to the I-95 corridor and I-695 Beltway



Private Terminals

Rukert Marine Terminals – www.Rukert.com

C. Steinweg Marine Terminals - http://www.steinweg.com/en/worldwide/offices/north_america/baltimore/

Canton Marine - <http://cantonmaritime.com/>

CNX Marine Terminal - <http://www.consolenergy.com/Business/TerminalServices.aspx>

Sparrows Point Shipyard – <http://www.spshipyard.com/>

Kinder Morgan – <http://www.kne.com/business/terminals/midatlantic/MA-Chesapeake2009-Mar.pdf>

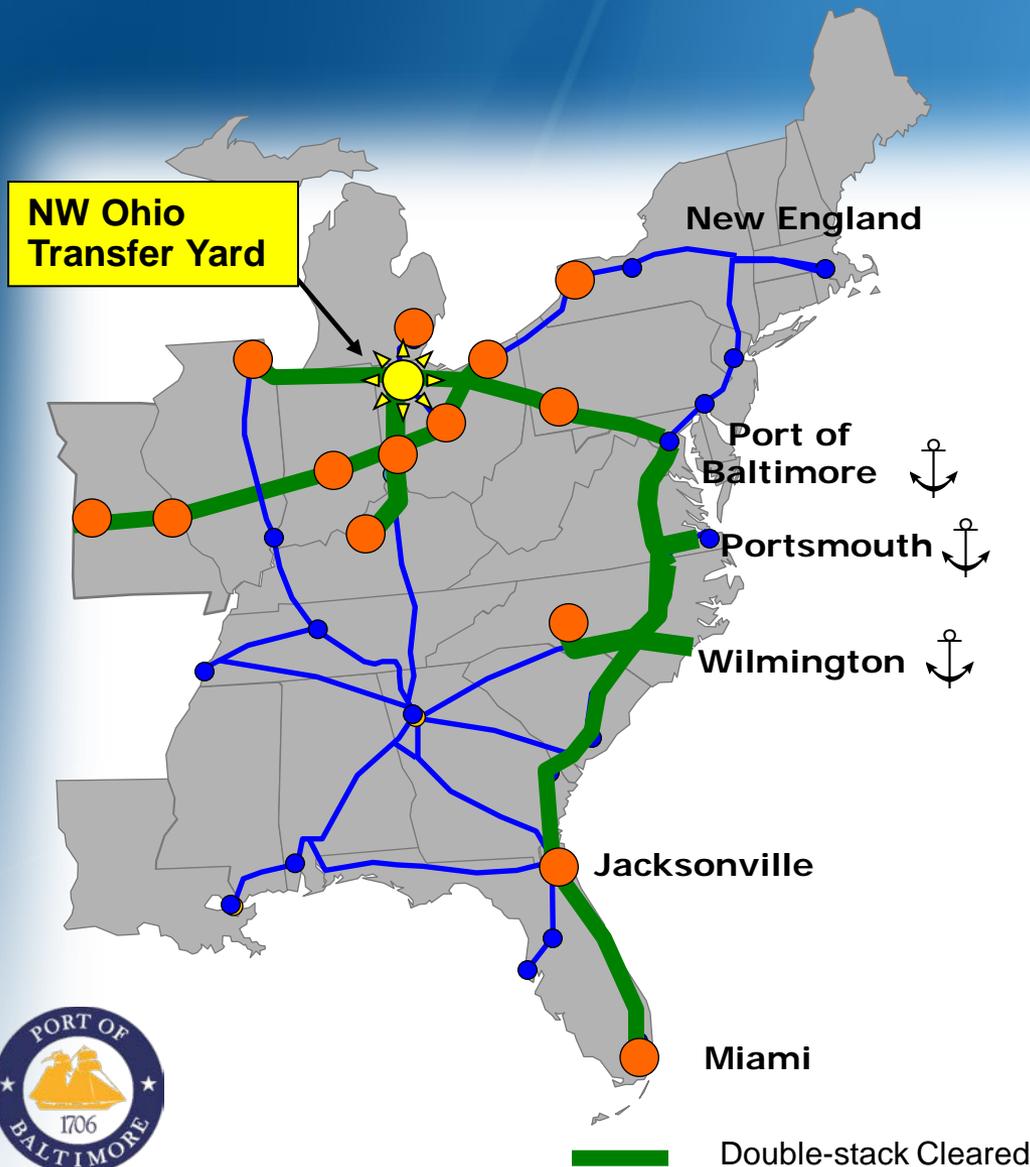
CSX Bay Piers - https://www.csx.com/?fuseaction=customers.coal_gis

Westway Terminal - http://www.westwayterminal.com/location_us_baltimore.htm

CSX Transflo Terminal - <http://www.transflo.net/index.cfm/terminals/>



Intermodal Connections



Port of Baltimore after NGI

- ✓ Charlotte
- ✓ Chicago 59th Street
- ✓ Cincinnati
- ✓ Cleveland
- ✓ Columbus
- ✓ Pittsburgh
- ✓ Buffalo
- ✓ Indianapolis
- ✓ Louisville
- ✓ Detroit
- ✓ E. St. Louis
- ✓ Toledo
- ✓ Kansas City
- ✓ Jacksonville
- ✓ Miami



Double-stack Cleared

Service Coverage

Port of Baltimore Ocean Carriers

Ro/Ro Breakbulk Carriers

American Roll-On Roll-Off Carriers

Atlantic Container Lines

Atlantic Ro/Ro Carriers

Bahri (National Shipping Company Saudi Arabia)

Canada States Africa Line

Hoegh Autoliners

K-Line

Mitsui O.S.K. Lines

Nordana Line

NYK Bulkship

Grimaldi Lines

Wallenius Wilhelmsen Logistics

Westfal Larsen

****Please Note- Additionally many charter vessels call at the Port of Baltimore on an inducement basis***

Container Carriers

Atlantic Container Line/Hapag Lloyd

Bahri (National Shipping Company Saudi Arabia)

CSAV

CSAV/CCNI/Hamburg Sud

Evergreen Shipping Line

Grimaldi

Mediterranean Shipping Company

Mediterranean Shipping/Safmarine

Nordana Line



Port of Baltimore Ocean Carriers

Trade Lanes served- North Europe/Russia

- Atlantic Container Lines (ACL)
- Atlantic Ro/Ro Carriers
- CSAV
- Hapag Lloyd
- Hoegh Autoliners
- “K”Line
- Mediterranean Shipping Co. (MSC)
- Mitsui OSK Line (MOL)
- NYK Bulkship
- Spliethoff Lines
- Wallenius Wilhelmsen Logistics(WWL)



Port of Baltimore Ocean Carriers

Trade Lanes served- Mediterranean

- Atlantic Container Lines (ACL)
- CSAV
- Hoegh Autoliners
- "K"Line
- Mediterranean Shipping Co. (MSC)
- Bahri (National Shipping Co. of Saudi Arabia NSCSA)
- Nordana Lines
- NYK Bulkship



Port of Baltimore Ocean Carriers

Trade Lanes served- Middle East/India Subcontinent

- CSAV
- Hoegh Autoliners
- “K” Line
- Bahri (National Shipping Co. of Saudi Arabia NSCSA)
- NYK Bulkship
- Wallenius Wilhelmsen Logistics (WWL)



Port of Baltimore Ocean Carriers

Trade Lanes served- Australia/New Zealand

- Mitsui OSK Line (MOL)
- Wallenius Wilhelmsen Logistics (WWL)



Port of Baltimore Ocean Carriers

Trade Lanes served- West Africa/South Africa

- Canada States Africa Line (CSAL)
- CSAV
- EUKOR Car Carriers
- Gimaldi Lines
- Hoegh Autoliners
- Mediterranean Shipping Co. (MSC)
- Mitsui OSK Line (MOL)
- Safmarine
- Sallaum Lines



Port of Baltimore Ocean Carriers

Trade Lanes served- Asia

- Evergreen Shipping
- EUKOR Car Carriers
- Hoegh Autoliners
- “K”Line
- Mediterranean Shipping Co. (MSC)
- Mitsui OSK Line (MOL)
- Grieg Star Shipping
- NYK Bulkship
- Wallenius Wilhelmsen Logistics (WWL)



Port of Baltimore Ocean Carriers

Trade Lanes served- Mexico/South America

- CCNI
- CSAV
- Gearbulk Shipping
- Grieg Star Shipping
- Hamburg Sud
- “K”Line
- Mediterranean Shipping Co. (MSC)
- Mitsui OSK Line (MOL)
- NYK Bulkship
- SC Line (SC Line USA)
- Westfal-Larsen
- Wallenius Wilhelmsen Logistics (WWL)



Summary

The Port of Baltimore is always looking for innovative ways to satisfy our customers with value added services customized to the specific needs of a project.

The Port of Baltimore has the expertise in handling specialized cargo, the inland advantage, first class facilities with heavy lift capabilities, specialized ocean carriers, Two Class 1 Railroads, close proximately to major highway systems and quality service which makes POB the first choice for project, bulk and specialized cargo. The recently redeveloped Fairfield terminal will have direct rail discharge access in the near future for breakbulk and project cargo.

Baltimore's inland advantage provides the most cost-effective and efficient routing for the Mid-Atlantic region, the Mid-West and beyond.

Please visit our website <http://mpa.maryland.gov/> or email jtimmins@marylandports.com for more information.

