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.
<table>
<thead>
<tr>
<th>To/From</th>
<th>Baltimore</th>
<th>Philadelphia</th>
<th>New York</th>
<th>Norfolk</th>
<th>Savannah</th>
<th>Houston</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pittsburgh, PA</td>
<td>224</td>
<td>292</td>
<td>386</td>
<td>386</td>
<td>659</td>
<td>1,337</td>
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<td>Parkersburg, WV</td>
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<td>397</td>
<td>497</td>
<td>424</td>
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<td>Buffalo, NY</td>
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<td>857</td>
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<td>418</td>
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<td>752</td>
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<td>Columbus, OH</td>
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<tr>
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<td>571</td>
<td>631</td>
<td>665</td>
<td>817</td>
<td>1,209</td>
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<td>Indianapolis, IN</td>
<td>561</td>
<td>630</td>
<td>721</td>
<td>699</td>
<td>755</td>
<td>970</td>
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<td>Louisville, KY</td>
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<td>667</td>
<td>758</td>
<td>641</td>
<td>613</td>
<td>915</td>
</tr>
<tr>
<td>Chicago, IL</td>
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<td>741</td>
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<td>835</td>
<td>868</td>
<td>1,049</td>
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<tr>
<td>Milwaukee, WI</td>
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<td>827</td>
<td>887</td>
<td>921</td>
<td>944</td>
<td>1,114</td>
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<tr>
<td>St. Louis, MO</td>
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<td>864</td>
<td>955</td>
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<td>789</td>
<td>787</td>
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<td>Des Moines, IA</td>
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<td>1,058</td>
<td>1,118</td>
<td>1,150</td>
<td>1,053</td>
<td>935</td>
</tr>
</tbody>
</table>
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.
Located on Dundalk Marine Terminal “Big Red” – a Manitowoc M250T with a boom length of 51 meters and a lifting capacity of 200 MT.
Also Located on Dundalk Marine Terminal “Yellow” – a Manitowoc GROVE GMK 7550 heavy-lift crane 182 MT lifting Capacity with 7 meter reach boom.
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


Canton Marine - http://cantonmaritime.com/


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


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

NW Ohio Transfer Yard

Double-stack Cleared
Service Coverage
Port of Baltimore Ocean Carriers

**Ro/Ro Breakbulk Carriers**

<table>
<thead>
<tr>
<th>American Roll-On Roll-Off Carriers</th>
<th>K-Line</th>
</tr>
</thead>
<tbody>
<tr>
<td>Atlantic Container Lines</td>
<td>Mitsui O.S.K. Lines</td>
</tr>
<tr>
<td>Atlantic Ro/Ro Carriers</td>
<td>Nordana Line</td>
</tr>
<tr>
<td>Bahri (National Shipping Company Saudi Arabia)</td>
<td>NYK Bulkship</td>
</tr>
<tr>
<td>Canada States Africa Line</td>
<td>Grimaldi Lines</td>
</tr>
<tr>
<td>Hoegh Autoliners</td>
<td>Wallenius Wilhelmsen Logistics</td>
</tr>
<tr>
<td></td>
<td>Westfal Larsen</td>
</tr>
</tbody>
</table>

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

**Container Carriers**

<table>
<thead>
<tr>
<th>Atlantic Container Line/Hapag Lloyd</th>
<th>Grimaldi</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bahri (National Shipping Company Saudi Arabia)</td>
<td>Mediterranean Shipping Company</td>
</tr>
<tr>
<td>CSAV</td>
<td>Mediterranean Shipping/Safmarine</td>
</tr>
<tr>
<td>CSAV/CCNI/Hamburg Sud</td>
<td>Nordana Line</td>
</tr>
<tr>
<td>Evergreen Shipping Line</td>
<td></td>
</tr>
</tbody>
</table>
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.