

Marine Facilities



Port of Vancouver USA



Access, Capacity and Expertise

The Port of Vancouver USA is located in Vancouver, Washington and serves as the premier Pacific Rim gateway to the United States and Canada. The port's position at the crossroads of ocean-bound and river shipping lanes, interstate highways (I-5 and I-84) and Class I rail lines (BNSF Railway and Union Pacific Railroad) makes it the perfect port to serve clients with regional and global transportation needs.

The Port of Vancouver, located only 106 river miles from the Pacific Ocean, is situated on a 43-foot deep-draft shipping channel. It specializes in handling break bulk, bulk and project cargoes, with dedicated facilities for shipping automobiles, grains, mineral ores and agricultural commodities, among others.

Most direct, uninterrupted route from the Pacific Rim to the U.S. Rocky Mountain region, Midwest and Western Canada.



Terminal Overview



TERMINAL 2

- GE** GRAIN ELEVATOR
- 1** BERTH 1 | *Break Bulk*
- 2** BERTH 2 | *Bulk Export*
- 3** BERTH 3 | *Heavy Lift*
- 4** BERTH 4 | *Multiuise*
- 5** BERTH 5 | *Liquid Bulk*
- 7** BERTH 7 | *Dry Bulk*

TERMINAL 3

- 8** BERTH 8 | *Multiuise*
- 9** BERTH 9 | *Multiuise*

TERMINAL 4

- 10** BERTH 10 | *Auto & RO/RO*
- 13** BERTH 13 | *Layberth*
- 14** BERTH 14 | *Layberth*

TERMINAL 5

- 17** BERTH 17 | *Layberth and Future Expansion*

BONDED WAREHOUSE

Terminals 2, 3, 4 and 5 are designated Class IV bonded storage areas. This is a secure area where imported dutiable goods may be stored without payment of US duty. This type of storage is ideal for goods destined for foreign countries and any cargos subject to U.S. quota limits. The port will work with customers and their brokers to enter cargo into the bonded storage area in compliance with U.S. Customs and Border Protection guidelines.

Terminal 2 & 3



#3105
58,000 square feet
(5,388 square meters)

#2845
100,000 square feet
(9,290 square meters)

#2835
100,000 square feet
(9,290 square meters)

#2305
33,600 square feet
(3,121 square meters)

#2303
36,000 square feet
(3,344 square meters)

#2185
93,800 square feet
(8,714 square meters)

MULTIUSE CARGO DOCK

Multiuse cargo docks allow the flexibility to efficiently handle a diverse mix of high and heavy project cargoes, steel, forest and agricultural products, along with plenty of on-dock warehousing. The port's two Liebherr mobile harbor cranes can also operate at these berths.

HEAVY LIFT

Terminal 2 accommodates break bulk and heavy lift cargoes from commodities such as steel and pulp, to wind, transformers, generators, and liquid and dry bulks. Our two Liebherr mobile harbor cranes can operate at any break bulk berth and have a lifting capacity of 140 metric tons each or 210 metric tons in tandem.

GE GRAIN ELEVATOR

1 BERTH 1 | *Break Bulk*

2 BERTH 2 | *Bulk Export*

3 BERTH 3 | *Heavy Lift*

4 BERTH 4 | *Multiuse*

5 BERTH 5 | *Liquid Bulk*

7 BERTH 7 | *Dry Bulk*

8 BERTH 8 | *Multiuse*

9 BERTH 9 | *Multiuse*



Terminal 2 & 3



GE GRAIN ELEVATOR

715	34.5	43
LINEAR FEET DOCK LENGTH WITH DOLPHINS (217.93 meters)	FEET DOCK HEIGHT (10.52 meters)	FEET C.R.D. BERTH DEPTH (13.11 meters)
965	79	2,000
LINEAR FEET FOR BARGE (294.13 meters)	AIR DRAFT FEET (24.08 meters)	METRIC TONS PER HOUR LOAD OUT SPEED

MODES RECEIVED: River barges, single rail cars, unit trains and shuttle trains

1 BERTH 1 | Break Bulk

450	30	40
LINEAR FEET DOCK LENGTH (137.16 meters)	FEET DOCK HEIGHT (9.14 meters)	FEET C.R.D. BERTH DEPTH (12.19 meters)

DOCK STRENGTH: 750 pounds per square foot

2 BERTH 2 | Bulk Export

550	30	43
LINEAR FEET DOCK LENGTH (167.64 meters)	FEET DOCK HEIGHT (9.14 meters)	FEET C.R.D. BERTH DEPTH (13.11 meters)

DOCK STRENGTH: 1,000 pounds per square foot
KEY COMMODITIES: Recycled shredded iron steel

3 BERTH 3 | Heavy Lift

750	30	43
LINEAR FEET DOCK LENGTH (228.6 meters)	FEET DOCK HEIGHT (9.14 meters)	FEET C.R.D. BERTH DEPTH (13.11 meters)

DOCK STRENGTH: 1,000 pounds per square foot
KEY COMMODITIES: Project cargo, steel, wind, transformers, modules and generators
FEATURES: One 51-ton multipurpose container crane. Two 140 metric ton mobile harbor cranes.

4 BERTH 4 | Multiuse

285	15	43
LINEAR FEET DOCK LENGTH (86.87 meters)	FEET DOCK HEIGHT (4.57 meters)	FEET C.R.D. BERTH DEPTH (13.11 meters)

5 BERTH 5 | Liquid Bulk

400	25	41
LINEAR FEET DOCK LENGTH WITH DOLPHINS (121.92 meters)	FEET DOCK HEIGHT (7.62 meters)	FEET C.R.D. BERTH DEPTH (12.5 meters)

KEY COMMODITIES: Various liquid bulks

7 BERTH 7 | Dry Bulk

800	30	43
LINEAR FEET DOCK LENGTH (243.84 meters)	FEET DOCK HEIGHT (9.14 meters)	FEET C.R.D. BERTH DEPTH (13.11 meters)

KEY COMMODITIES: Bentonite clay, copper concentrate and other dry bulks
FEATURES: 124,616 square-foot (11,577.21 m²) covered bulk storage with telescoping conveyor loader with outboard reach of 60 feet (18.29 meters)
CAPABILITIES: Direct transfer from rail to storage, bottom dump or top unloading

8 BERTH 8 & 9 | Multiuse

1,250	30	43
TOTAL LINEAR FEET DOCK LENGTH (381 meters)	FEET DOCK HEIGHT (9.14 meters)	FEET C.R.D. BERTH DEPTH (13.11 meters)

Storage Capacity

65	258,000
OPEN ACRES (26.30 hectares)	SQUARE FEET COVERED STORAGE (23,969 m ²)

DOCK STRENGTH: 750 pounds per square foot
KEY COMMODITIES: Pulp, steel (coil, pipe and beams), import bulk
CAPABILITIES: Warehouse adjacent rail loading

C.R.D. = Columbia River Datum



Warehouse Space and Open Storage



Warehouses 2835 and 2845

WAREHOUSE SPACE AND OPEN STORAGE

The Port of Vancouver USA offers extensive warehouse and storage facilities designed to meet diverse logistical needs. Strategically located with easy access to major transportation routes, the port's facilities include over 500,000 square feet of covered storage space and over 100 acres of outdoor laydown area. These state-of-the-art warehouses are located within a secured port area ensuring the safe and efficient handling of a wide range of cargo. Whether you're storing bulk commodities, breakbulk cargo, or specialized equipment, the Port of Vancouver USA provides flexible and scalable solutions to support your business operations.

WAREHOUSE 3105

58,000

SQUARE FEET
COVERED STORAGE
(5,388 meters)

CLEAR HEIGHT: 25'

FLOOR MATERIAL: Polished Concrete

DISTANCE TO BERTH 8/9: 400'

DOOR OPENINGS:

- 4 @ 26' w x 25' h
- 2 @ 40' w x 25' h
- 3 @ 26' w x 25' h to rail dock
- 3 @ 9' w x 10' h to truck docks

WAREHOUSE 2835

100,000

SQUARE FEET
COVERED STORAGE
(9,290 meters)

CLEAR HEIGHT: 24.5'

FLOOR MATERIAL: Asphalt

DISTANCE TO BERTH 8/9: 400'

DOOR OPENINGS:

- 8 @ 46' w x 24.5' h

WAREHOUSE 2845

100,000

SQUARE FEET
COVERED STORAGE
(9,290 meters)

CLEAR HEIGHT: 24.5'

FLOOR MATERIAL: Asphalt

DISTANCE TO BERTH 8/9: 700'

DOOR OPENINGS:

- 8 @ 46' w x 24.5' h
- 1 @ 70' w x 24.5' h

WAREHOUSE 2303

36,000

SQUARE FEET
COVERED STORAGE
(3,344 meters)

CLEAR HEIGHT: 22'

FLOOR MATERIAL: Asphalt

DISTANCE TO BERTH 3: 200'

DOOR OPENINGS:

- 3 @ 16' w x 18' h
- 2 @ 12' w x 18' h to rail dock
- 1 @ 20' w x 11' h to truck dock

WAREHOUSE 2305

33,600

SQUARE FEET
COVERED STORAGE
(3,121 meters)

CLEAR HEIGHT: 28'

FLOOR MATERIAL: Asphalt

DISTANCE TO BERTH 3: 400'

DOOR OPENINGS:

- 2 @ 18' w x 18' h
- 2 @ 16' w x 18' h to rail dock

WAREHOUSE 2185

93,800

SQUARE FEET
COVERED STORAGE
(8,714 meters)

CLEAR HEIGHT: 28'

FLOOR MATERIAL: Asphalt

DISTANCE TO BERTH 3: 700'

DOOR OPENINGS:

- 4 @ 16' w x 18' h
- 1 @ 32' w x 18' h
- 2 @ 36' w x 18' h
- 3 @ 16' w x 18' h to truck docks



Warehouse 3105

Warehouse 2835

Terminal 4



10 BERTH 10 | Auto & RO/RO

240	15	40
LINEAR FEET DOCK LENGTH <i>(73.15 meters)</i>	FEET DOCK HEIGHT <i>(4.57 meters)</i>	FEET C.R.D. BERTH DEPTH <i>(12.19 meters)</i>

1,140
FOOT BERTHING ARRANGEMENT
FLOATING AUTO DOCK
(Including 240 foot dock)

AUTO PROCESSING FACILITY:
40 acres (16.18 hectares)

AUTO HOLDING AREA:
41 acres (16.59 hectares)

13 BERTH 13 & 14 | Layberth

14	30	43
1,360		
TOTAL LINEAR FEET DOCK LENGTH WITH DOLPHINS <i>(414.53 meters)</i>	FEET DOCK HEIGHT <i>(9.14 meters)</i>	FEET C.R.D. BERTH DEPTH <i>(13.11 meters)</i>

FEATURES: Shore power and water available. Planned sewage disposal line.

RO/RO FACILITY

This high-volume, rail-served auto facility imports and exports automobiles via ship, road and rail. Berth 10's floating dock and cargo staging area offers receiving and delivery of roll-on/roll-off cargo.



C.R.D. = Columbia River Datum



Terminal 5



TERMINAL 5 MARINE FACILITY OPPORTUNITY

Terminal 5 represents a unique opportunity to develop a bulk facility with extensive road, rail and deep-water connectivity on the U.S. West Coast.

- Specifically designed and developed as a multi-million-ton bulk facility.
- 82 acres of shovel-ready property with permits currently in place.
- Features loop tracks that allow unit trains to be handled within the port's internal rail complex.
- Four 7,500-foot-long tracks have been specially designed to accommodate multiple unit trains. There's room to add tracks to meet future capacity needs.
- Positioned in a key location on the Columbia River with quick access to ocean-going vessel traffic and major north-south and east-west freight corridors.
- The port's completed West Vancouver Freight Access rail project provides unmatched access and velocity into Terminal 5. The new rail lead provides a direct connection from the Class 1 mainline into the port.
- Superior rail connections and the 43-foot deep-draft Columbia River navigation channel provides a time-tested gateway between the U.S. Midcontinent and our Pacific Rim trading partners.

82 PROJECT-READY ACRES

Terminal 5 has space available for a new high-volume mineral bulk facility. Four 7,500-foot-long loop tracks were designed to accommodate multiple unit trains carrying a variety of bulk cargoes within the port's 42-mile internal rail complex.

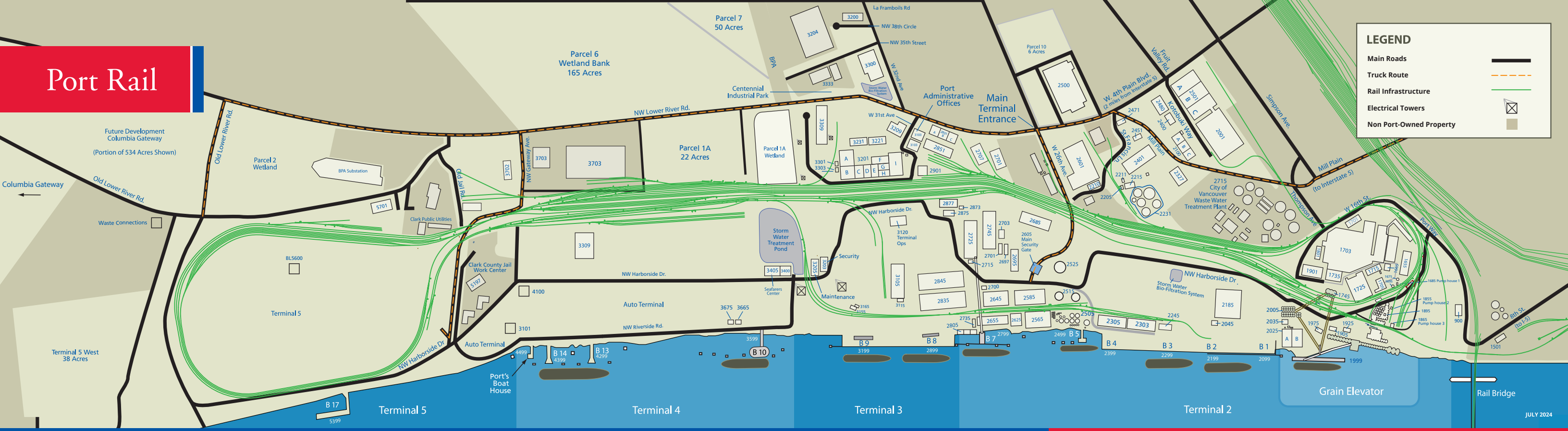
17 BERTH 17 | *Layberth*

457	29	43
LINEAR FEET DOCK LENGTH	FEET DOCK HEIGHT	FEET C.R.D. BERTH DEPTH
<i>(139.294 meters)</i>	<i>(8.84 meters)</i>	<i>(13.1064 meters)</i>

FEATURES: Shore power available, sewer, water, security systems. Two mooring dolphins and four upland mooring points.



Port Rail



RAIL CONNECTIONS

The Port of Vancouver is a major gateway to North America's national and international rail networks, including BNSF Railway, Union Pacific Railroad, Canadian National Railroad and Canadian Pacific Railroad. The port's high velocity, state-of-the-art facilities are designed with our tenants' operational efficiency in mind. Manifest and unit trains can directly access the port from mainline corridors.

RAIL FACILITIES

- 42 miles of internal rail track
- 350,000 annual rail car capacity
- Four 7,500 foot-long loop tracks (Terminal 5)
- Five full unit train length bulk cargo tracks
- Rail expansion completed in 2018 increased Class 1 mainline velocity
- Connections to all seven Class 1 railroads in North America
- Two mainline rail leads



Local Rail Connections

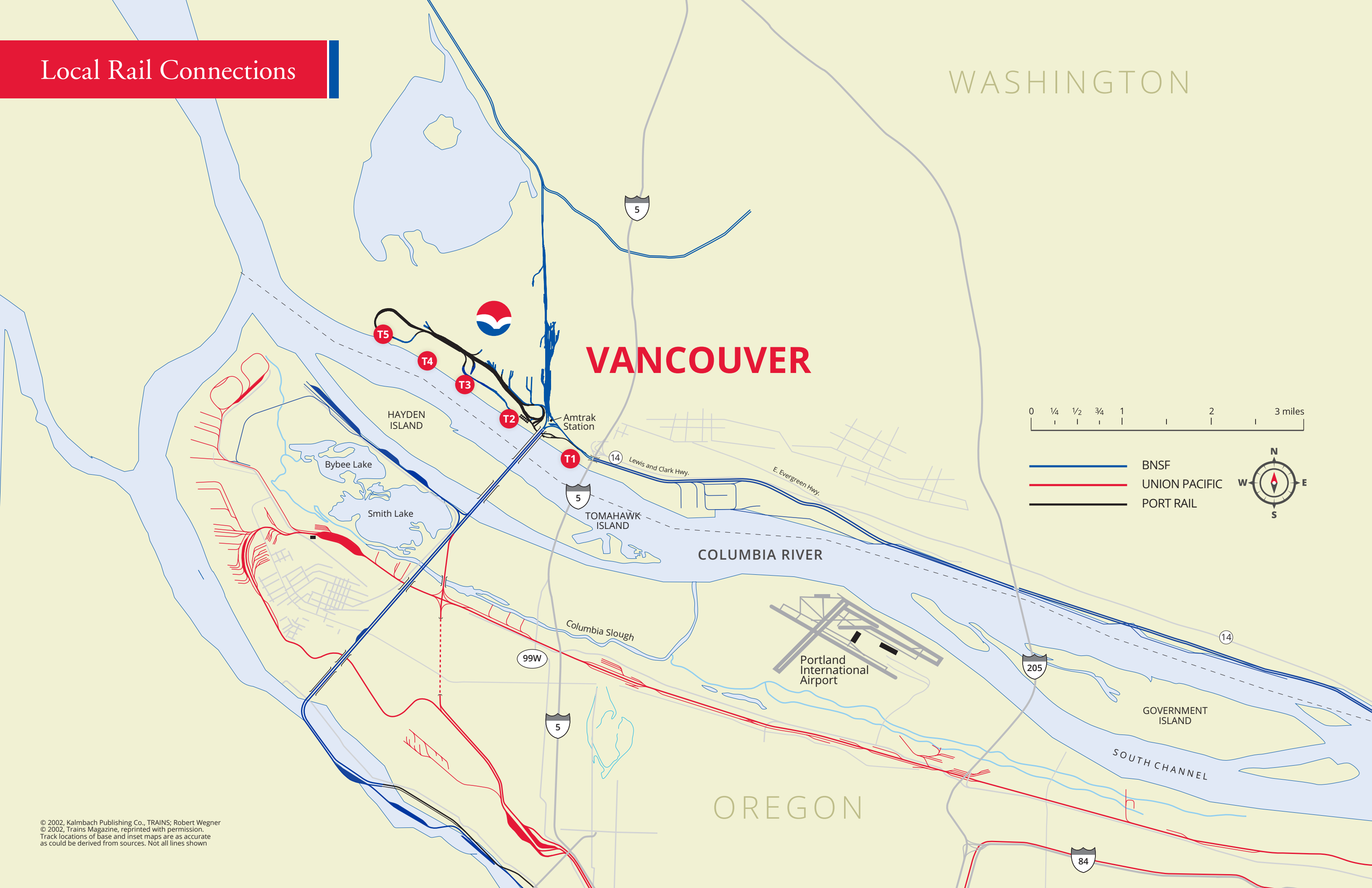
WASHINGTON

VANCOUVER





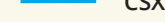
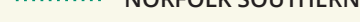
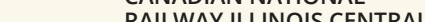



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Track locations of base and inset maps are as accurate
as could be derived from sources. Not all lines shown

OREGON



North American Rail Connections

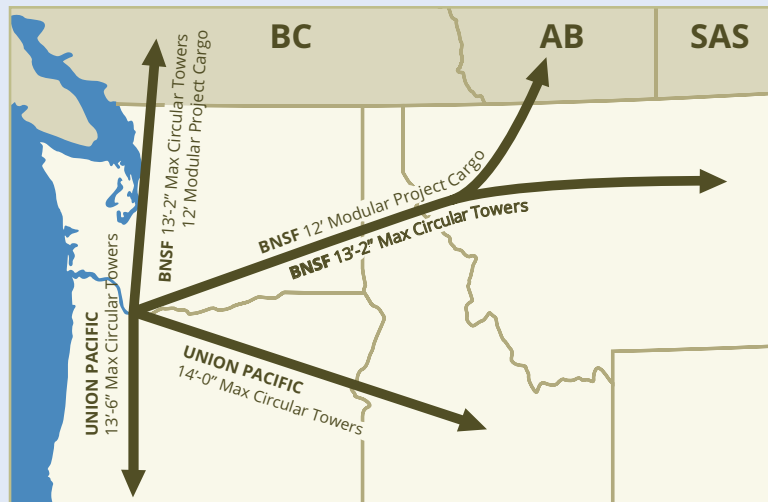
RAIL CONNECTIONS LEGEND

-  BNSF RAILWAY
-  UNION PACIFIC
-  CSX
-  NORFOLK SOUTHERN
-  CANADIAN NATIONAL RAILWAY ILLINOIS CENTRAL
-  CANADIAN PACIFIC RAIL
-  NDM—MEXICO
-  PCP—MEXICO

AVERAGE TIME FROM POV TO INTERIOR DESTINATIONS:

DESTINATION	HOURS
US	
CHICAGO	84-104
MINNEAPOLIS	84-104
DETROIT	108-152
KANSAS CITY	144-164
NEW YORK	156-180
CANADA	
CALGARY	72-96
EDMONTON	120-144
SASKATOON	144-168

RAIL CLEARANCES



Navigation and Barging



NAVIGATION

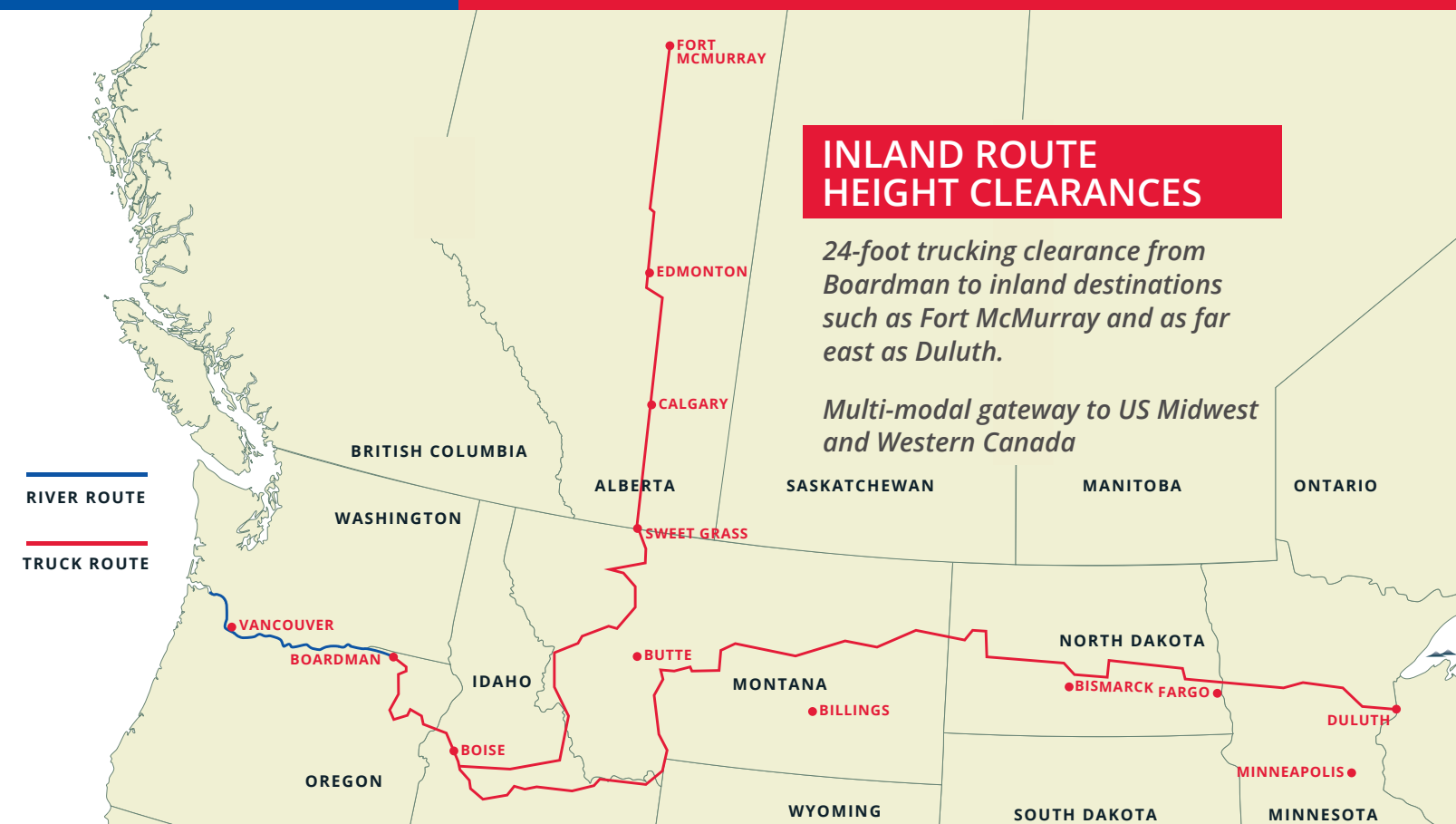
- The port is located at the end of the 43-foot deep shipping channel on the Columbia River
- A gateway to upriver barge ports on the Columbia-Snake River System.
- Vessel transit time from Astoria to Vancouver is approximately 6 hours.

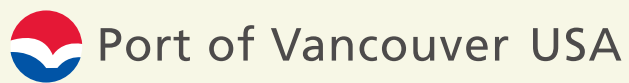
BENEFITS OF TRANSPORTING PROJECT CARGO ON THE COLUMBIA-SNAKE RIVER SYSTEM

- Vessel to barge direct transfer may reduce port fees and handling costs
- LO/LO and RO/RO options available at several docks and unimproved shoreline locations
- Navigation locks are 86-feet x 650-feet and can accommodate most any cargo limited by road and rail restrictions

VANCOUVER, WA TO:
Boardman, OR
Lewiston, ID

BARGE RIVER HOURS:
23
47





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