



**THE ADVANTAGED SUPPLY CHAIN™: PACIFIC RIM TO PORT OF VANCOUVER USA TO ALL OF NORTH AMERICA.**

**SHIPPING LINES THAT CALL ON THE PORT OF VANCOUVER:**

- AUSTRAL ASIA LINE
- BBC CHARTERING
- COSCO SHIPPING CO., LTD.
- EASTERN CAR LINER (ECL)\*
- GEARBULK
- GRIEG STAR\*
- HANSA HEAVY LIFT
- HYUNDAI MERCHANT MARINE CO., LTD.\*
- INTERMARINE, LLC.
- OLDENDORFF CARRIERS
- PACC SHIPPING
- RICKMERS LINIE
- SAGA WELCO AS\*
- SANKO STEAMSHIP CO., LTD.
- SK SHIPPING\*
- SPLIETHOFF
- PAN OCEAN\*
- SWIRE SHIPPING\*
- WESTFALL-LARSEN SHIPPING\*

\* Contracted shipping lines for over five years.

PROJECT CARGO CAPABILITIES

**PROJECT CARGO? HEAVY LIFT? WE'RE THE U.S. WEST COAST EXPERTS.**

*THE PORT OF POSSIBILITY*

**SAVE TIME. CUT COSTS. SHIP SMART.**

Port of Vancouver USA is the most experienced, well-equipped port on the U.S. West Coast. We're half the distance from the Pacific Rim as Gulf ports and offer the most direct and cost-effective rail access into the U.S. Midwest and Canada.

**A FRACTION OF THE TIME. A FRACTION OF THE COST.**

*Compare time and distance.*

	Factor	Asia to Port of Vancouver USA	Asia to Houston, Texas
MARINE VESSEL	Charter Rate	\$10,000	\$10,000
	Distance	5,101 miles	10,233 miles
	Vessel Transit Time	14 days	29 days
	Panama Canal Transit Days	0	1
	Total Voyage Days	14	30
	Charter Hire	\$140,000	\$300,000
	Fuel Cost	\$367,500	\$675,000
	Panama Canal Cost	\$0	\$125,000
	<b>Total Cost</b>	<b>\$507,500</b>	<b>\$1,100,000</b>
	<b>Total Voyage Days to US</b>	<b>14</b>	<b>30</b>
		<b>Port of Vancouver USA to Williston, North Dakota</b>	<b>Houston, Texas to Williston, North Dakota</b>
RAIL	Cost	\$1,074,645 *	\$1,191,465 *
	Miles	1,167	1,854
	Days	6	10

**BOTTOM LINE** **20 DAYS FASTER. 5,800 MILES CLOSER. \$700,000 SAVINGS.\***

\* Per voyage, based on a 110-car unit train, each car carrying 90 metric tons.



  
Port of Vancouver USA

3103 NW Lower River Road  
Vancouver, Washington 98660  
Phone: 360.693.3611

115 2nd Avenue West  
Williston, ND 58801  
Phone: 701.577.3611

www.portvanusa.com  
info@portvanusa.com

Port of Vancouver USA 



### CAPACITY, ACCESS AND ACCOMMODATION.

The Port of Vancouver USA has a proven track record for handling project cargo. We're a global leader in importing wind energy components and a gateway for large modularized components serving the oil and gas industry, via the Columbia Snake River System into North America. The port's two Liebherr mobile harbor cranes can operate at any of the port's break bulk berths, and have a lifting capacity of 140 metric tons each —210 metric tons together.

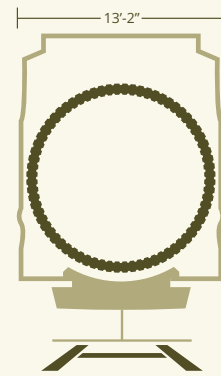
#### LIEBHERR LHM 500 S CRANE CAPACITY

Radius (m)	On the ropes (t)	Radius (m)	On the ropes (t)
11	140.0	34	85.6
22	140.0	35	82.3
23	139.4	36	79.2
24	132.6	37	76.4
25	126.3	38	73.8
26	120.6	39	71.3
27	115.3	40	68.9
28	110.0	42	64.4
29	104.9	44	60.2
30	100.4	46	56.4
31	96.3	48	53.0
32	92.6	50	49.1
33	89.1	51	47.4

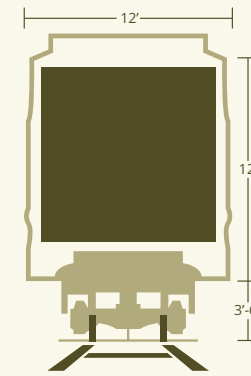
## OUR PROJECT CARGO ADVANTAGES—FROM EVERY ANGLE

### BNSF CARGO CLEARANCES

Ample clearance envelopes accommodate a variety of cargo. Maximum sizes are shown for project cargo and wind energy components.



CIRCULAR TOWERS



MODULARIZED PROJECT CARGO

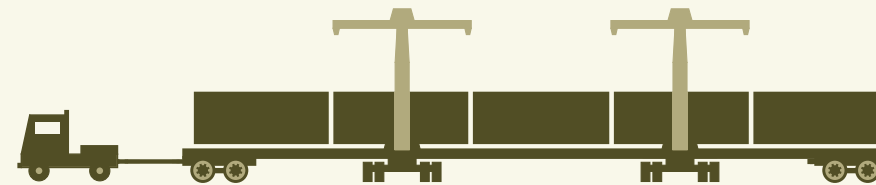
### RAIL SHIPPING ROUTES AND CLEARANCES

High clearance dimensions from the West Coast to the Midwest US and Canada make the Port of Vancouver especially attractive for importing oil sands modules and wind energy components.



### PROJECT CARGO AND MODULE LOADING

We have module moving and loading down to a science.



## QUICK FACTS

### LOCATION

- On the Columbia River—deep-draft 43' (13.1 meters) channel
- On marine highway 84
- Access to upriver barging to Lewiston, Idaho
- Connections to key roadways/ freight corridors I-5 and I-84
- Direct link to national rail network—BNSF and Union Pacific

### SPECIALIZED EQUIPMENT

- Two 140-metric ton Liebherr mobile harbor cranes, LHM 500 S
- Four reach stackers
- Five top picks
- 59 forklifts—15,000-65,000 lb. capacity
- 14 heavy-duty trailers

### STAGING AND STORAGE

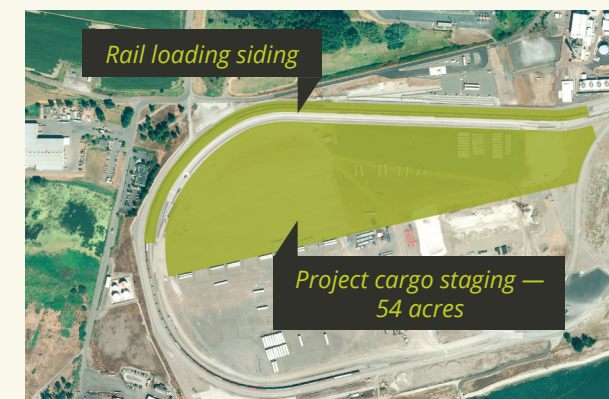
- 250 acres of open storage area
- 703,000 sq. ft. waterfront warehousing

### EXPERIENCE

- Skilled labor force—over 200 registered longshoremen, 24 trained crane operators, 65 skilled operators
- Expert logistics consultation and advice
- Proven record of delivery

### RELATIONSHIPS

- Stevedores: Jones Stevedoring and Ports America
- Contracted carriers
- Barge, rail, trucks



### TERMINAL 5

Our newest shipping terminal features a dedicated heavy lift rail track specially designed to load oversized and heavy lift project cargo to rail for transport to Canada and the US Midwest, and provides 54 acres for on-port storage.