

# Setting the Stage for Coordination Dredging—Why and Who

Glenn Vanselow

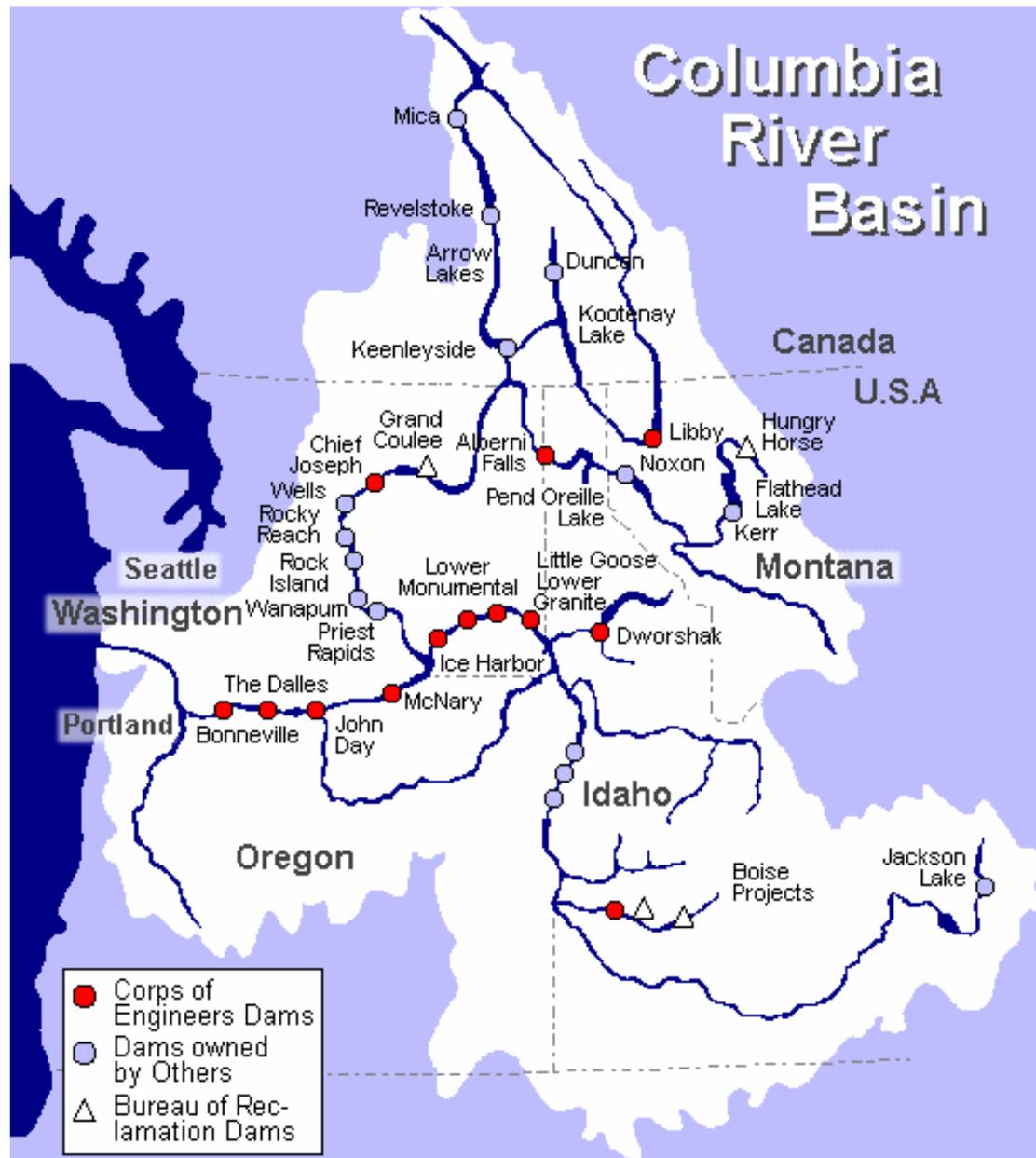
Pacific Northwest Waterways Association  
[www.pnwa.net](http://www.pnwa.net)

Managing Sediments in the Watershed:  
Bringing Dredged Material and Watershed Managers Together

August 29-31, 2006  
Portland, OR



# Columbia River Basin

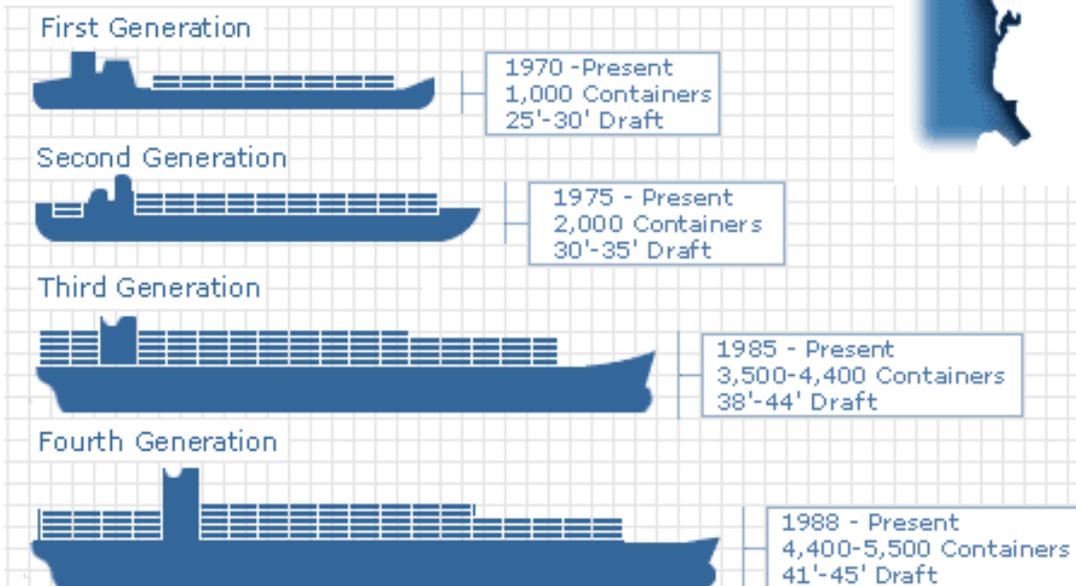


# Lower Columbia River Channel

- Routine O&M Dredging
- Channel Deepening to 43'
- 40 Million tons
- \$16 Billion in value

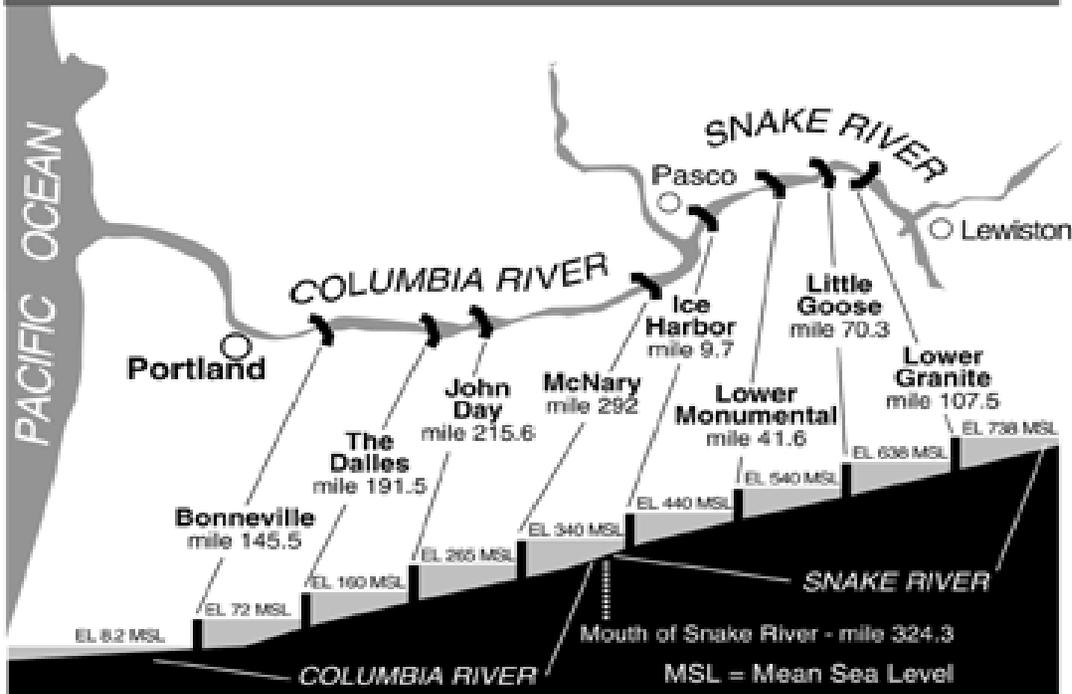


## The Evolution of Container Ships

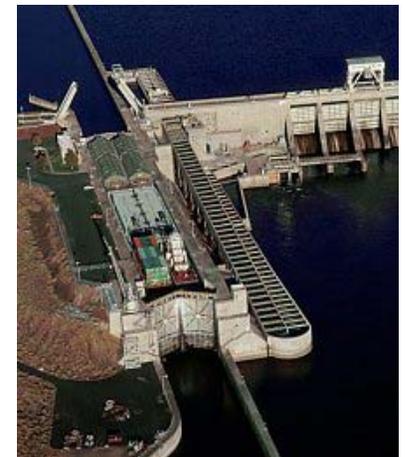


Corps Dredge Essayons

# Columbia-Snake River Inland Waterways



- Routine O&M Dredging
- Snake River Programmatic Sediment Management Plan
- 10-12 Million tons
- \$1.5-2.2 Billion in value



*Wheat ...*

**#1 in the nation**

**37% of U.S. exports**

*Graphic:  
Port of  
Portland*



*Barley ...*

**#1 in the nation**

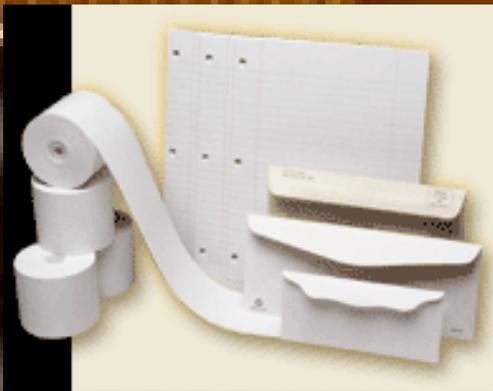
**70% of U.S. exports**

*Graphic:  
Port of  
Portland*



# *Forest Products and Paper Products ...*

**#1 on the West Coast**



*Graphic:  
Port of  
Portland*

*Mineral Bulks ...*  
**#1 on the West Coast**

*Graphic:  
Port of  
Portland*



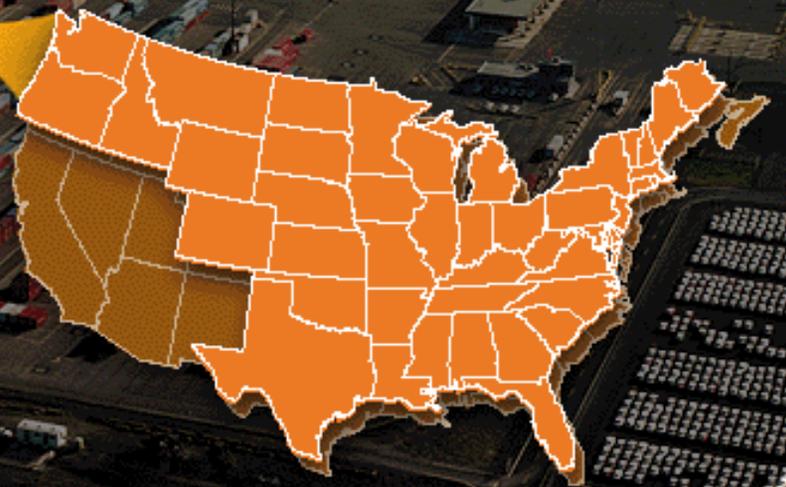
# *Containers...* to and from 43 states

*Graphic:  
Port of  
Portland*

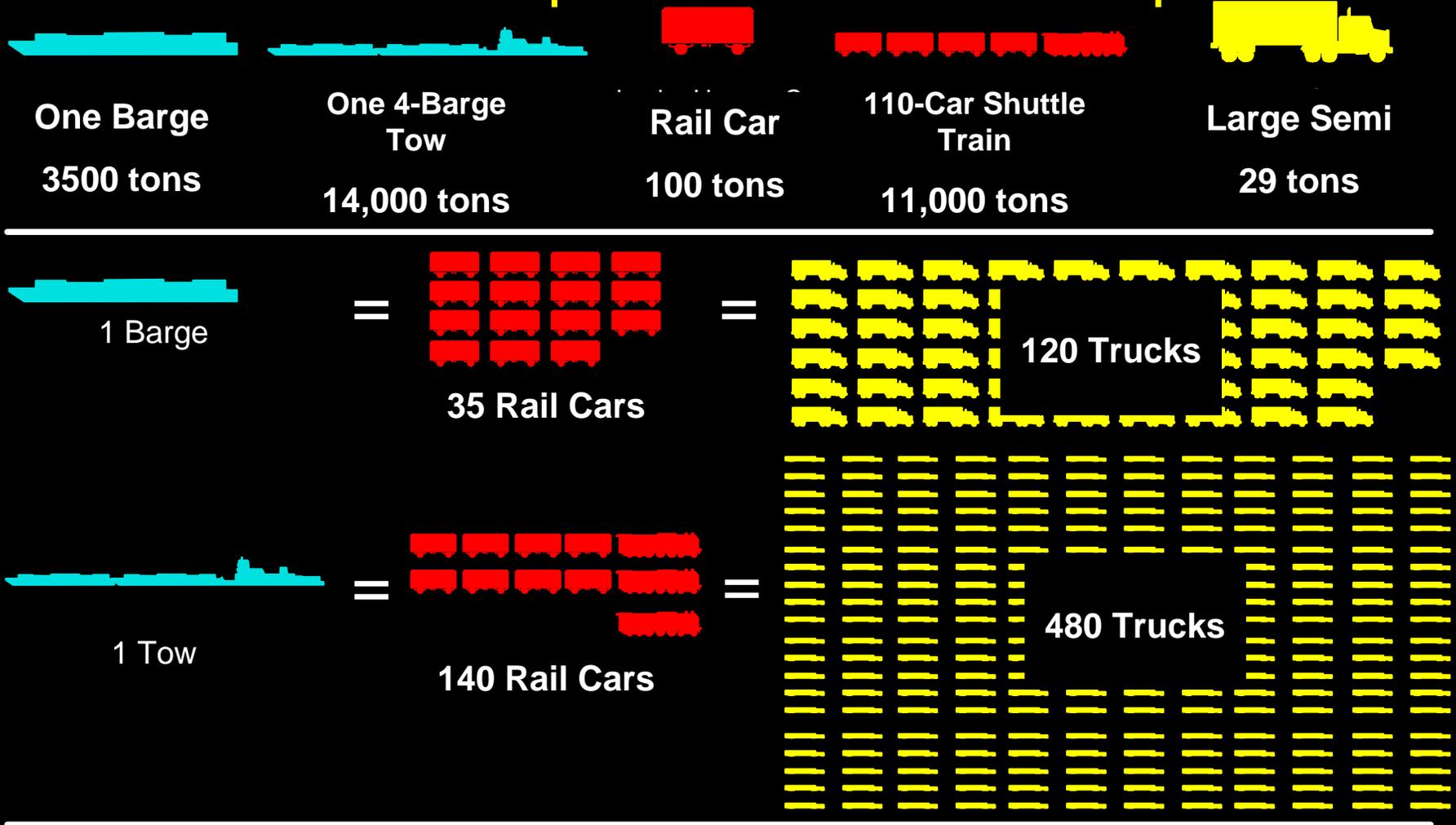


# *Autos ...* **#1 on the West Coast**

*Graphic:  
Port of  
Portland*



# Alternate Transportation Mode Comparison



**Barging is the lowest cost, most environmentally friendly form of freight transportation**



## Contact Information:

[glenn.vanselow@pnwa.net](mailto:glenn.vanselow@pnwa.net)

[www.pnwa.net](http://www.pnwa.net)

Click on: Action Agenda

Then: Fact Sheets

