



# Assistance to Seattle District with Waterborne Statistics Information for Selected Ports and Waterways

## ERDC Dredging Operations Technical Support Program (DOTS)

U.S. ARMY CORPS OF ENGINEERS

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### Response Summary:

This DOTS response aided the USACE Seattle District, Navigation section. The initial request was for information about multiple ports and waterways in the Seattle District, and how those projects are grouped for statistical reporting purposes. The response provided a description of the USACE Waterborne Commerce Statistics Center (WCSC) process for identifying docks and associating them to defined ports or to general geographic areas (e.g., Puget Sound Area, WA) (Figure 1), maps for the requested ports and waterways, and tabular summaries of commodity tonnage for 2016-2020 (the most recent years available)

### Period of Performance:

This DOTS response was carried out in March and April of 2023.

### Benefits of the Response to the USACE Dredging/Navigation Program:

Tonnage is a key metric used in maintenance decision-making for the allocation of dredging funds. Understanding how tonnage statistics are calculated, and which docks may or may not be associated with a specific port or waterway is useful for navigation managers.

### Deliverable:

The deliverable for this DOTS request was a report with a series of maps and tonnage tabulations for the locations of: Anacortes, Blaine, Bellingham, Chinook Channel, Everett, Grays Harbor Port District, Port Angeles, Port of Kalama, Port of Longview, Port of Olympia, Port of Vancouver (Figure 2), Swinomish Channel. The report provided an explanation of how the docks at the Ferndale/Cherry Point refinery are treated in statistical summaries. Associated geospatial files (shapefiles) were also delivered to the requestor.

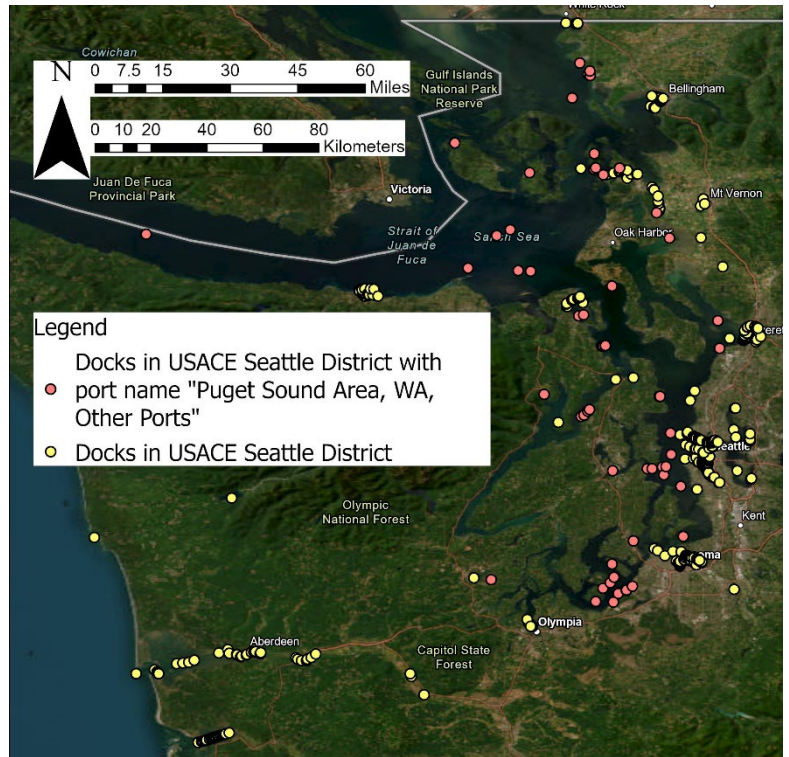


Figure 1. Map of docks in Seattle District that belong to a port as defined by the USACE Waterborne Commerce Statistics Center (yellow) and that do not belong to a specific port (pink).

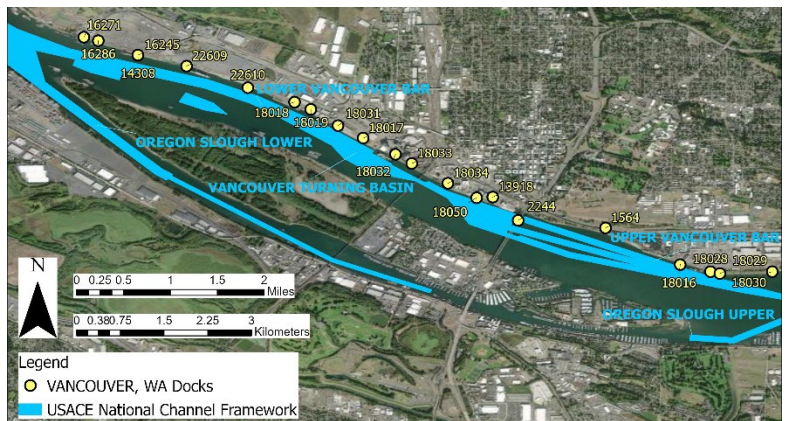


Figure 2. Docks (yellow dots) associated with the Port of Vancouver, WA and the USACE National Channel Framework polygons (blue).



Providing environmental and engineering technical support to the U.S. Army Corps of Engineers Operations and Maintenance navigation and dredging missions

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DOTS ID: DOTS-23-R69