



**THE NORTHWEST  
SEAPORT ALLIANCE**  
*Gateway to Solutions*

# Project Authorization For Pier 7 Berths A - D Fender Enhancements and Rehabilitation

# Project Authorization

## Pier 7 Berths A - D Fender Enhancements and Rehabilitation

*As referenced in NWSA Resolution No. 2016-04, Exhibit A, Delegation of Authority Master Policy, Paragraph 8.c.iii., states project costs exceeding \$300,000 require approval from Managing Members.*

**Request project authorization in the amount \$2,100,000 for a total authorized amount of \$2,300,000, for advance purchase of materials to support the work associated with the Pier 7 Berths A - D Fender Enhancements and Rehabilitation project, Master Identification No. 201048.01.**



# Background

## Pier 7 Berths A - D Fender Enhancements and Rehabilitation

### **Issue:**

Increased cargo volume, larger vessel size, and ongoing deterioration of the fender system requiring constant “band-aid repairs”.

### **Reason:**

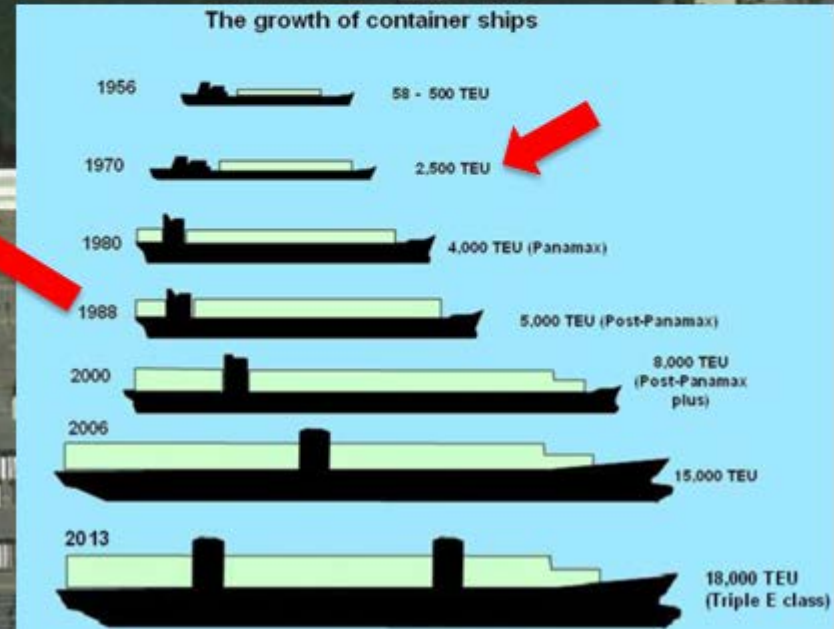
The drivers for this upgrade are existing lease and business obligations.

- Berth D is under lease
- Berths A, B, and C generate revenue directly to the Port
  - Auto Ships
  - Military Shipments
  - Barge Dockings



# Background

Post-Panamax



# Background





# Background



# Background



# Project Description and Details

## Pier 7 Berths A - D Fender Enhancements and Rehabilitation

### **The immediate scope of work includes:**

- Advance procurement of piling, steel waler/chock replacement, hardware, and UHMW rubstrips for waler and piles.

### **The construction scope of work will include:**

- Remove timber wales and chocks at berths A through C.
- Timber pile replacement and fresh-heading
- Install 1,800 feet (90 pieces) of steel waler
- Berth D Replace remaining fabric wrapped piles





# Project Schedule

## Pier 7 Berths A - D Fender Enhancements and Rehabilitation

Activity	Timeframe
Advertise Bids	June 11, 2018
Bid Opening	July 3, 2018
Contract Substantial Completion	November 6, 2018



# Financial Summary

## Pier 7 Berths A - D Fender Enhancements and Rehabilitation

	This Request	Total Project Cost	Cost to Date	Remaining Cost
Procurement	\$ 2,100,000	\$ 2,100,000		\$ (2,100,000)
Pre-Design		\$ 50,000	\$ 418	\$ (49,582)
Design		\$ 150,000		\$ (150,000)
Construction		\$ 4,250,000		\$ (4,250,000)
<b>Total</b>	<b>\$ 2,100,000</b>	<b>\$ 6,550,000</b>	<b>\$ 418</b>	<b>\$ (6,549,582)</b>



# Environmental Impacts/Review

## Pier 7 Berths A - D Fender Enhancements and Rehabilitation

**Permitting:** Army Corps of Engineers, Ecology, and Fish and Wildlife

**Remediation:** N/A

**Water Quality:** Best Management Practices (BMPs) will be implemented to protect water quality during pile replacement, per requirements set forth in Ecology's water quality certification and WDFW's HPA.

**Air Quality:** N/A



## Conclusion

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