

Item No: 4C-Supp
Date of Meeting: July 17, 2018



**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 \$2,000,000 for a total authorized amount of \$4,300,000, for 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 has required constant “band-aid” repairs.

Reason:

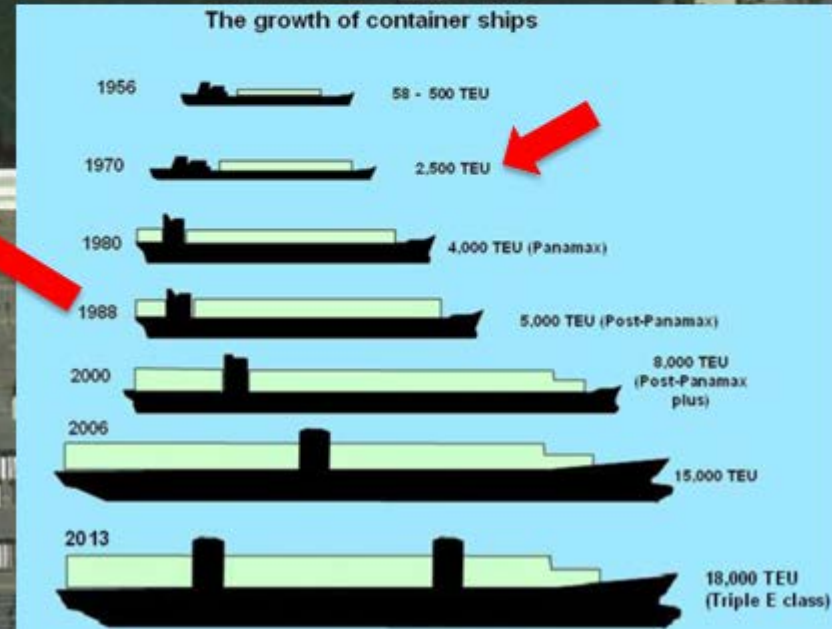
The drivers for this upgrade are existing lease and business obligations.

- 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



VIDEO:
Background

Background



Background



Project Description and Details

Pier 7 Berths A-D Fender Enhancements and Rehabilitation

The scope of work will include:

- Removal of timber wales and chocks at berths A through C and a small section at berth D
- Timber pile replacement and fresh-heading
- Installation of approximately 1,900 feet (98 pieces) of steel waler
- Berth D replacement of remaining fabric wrapped piles (approximately 20 piles)
- Project and construction management



Project Schedule

Pier 7 Berths A-D Fender Enhancements and Rehabilitation

Activity	Timeframe
Advertise Bids	August 2018
Bid Opening	September 2018
Contract Substantial Completion	January 2019



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
Design	\$ -	\$ 160,000	\$ 47,000	\$ 113,000
Construction	\$ 2,000,000	\$ 2,040,000	\$ -	\$ 2,040,000
Total	\$ 2,000,000	\$ 4,300,000	\$ 47,000	\$ 4,253,000

NWSA operations on Pier 7 A-D (including East Sitcum Terminal and Terminal operations) have earned a total of \$4.1 million in income before depreciation through May, and are budgeted to earn \$7.6 million in 2018.



Environmental Impacts/Review

Pier 7 Berths A-D Fender Enhancements and Rehabilitation

Permitting: Army Corps of Engineers, Ecology, and Fish and Wildlife (permits have been applied for and are currently under review)

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

Pier 7 Berths A-D Fender Enhancements and Rehabilitation

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