

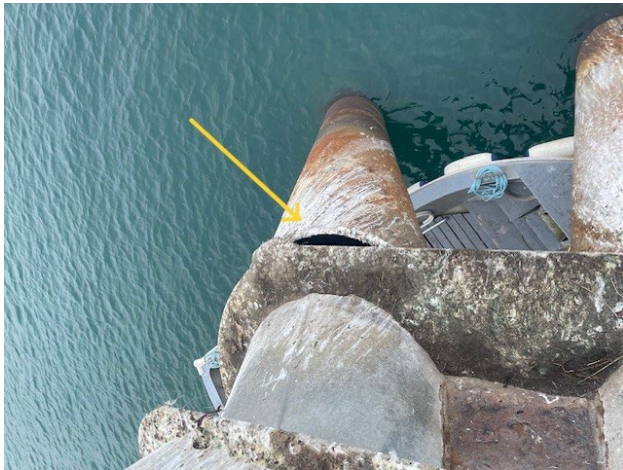


MEMORANDUM

Ordinance 24-45, An Ordinance of the City Council of Homer, Alaska, Amending the FY25 Capital Budget by Appropriating \$25,000 from the Port Reserves Fund for the Purpose of the Deep Water Dock North Dolphin Repair Project. City Manager/Port Director.

Item Type: Back Up Memorandum
Prepared For: Homer City Council & Mayor Castner
Date: September 10, 2024
From: Bryan Hawkins, Port Director
Through: Melissa Jacobsen, City Manager

Earlier this summer, our team observed that one of the dolphins at the Deep Water Dock had sustained damage. The exact timing of the incident and the responsible party remain unknown, but the dolphin has completely detached from the pile cap and will require realignment and re-welding.



(Complete separation from piling cap and failed weld)



(location of damaged dolphin at the deep water dock)

With a dock face measuring 345 feet, these dolphins serve an essential purpose when mooring vessels that extend beyond the dock's length. The Deep Water Dock is designed to accommodate vessels up to 800 feet long, utilizing both dolphins and mooring buoys for secure moorings. Due to the dolphin's location, the repair will necessitate a vessel equipped with a crane to facilitate the repair crew.

Although the repair process is straightforward, it will involve constructing a scaffold platform for the welding team, welding pad eyes onto the piles, winching the damaged pile back into its proper position, and performing a multi-pass weld to secure it back to the pile cap.

RECOMMENDATION:

Council approve Ordinance 24-45 Amending the FY 25 budget allocating \$25,000 from the port reserve fund for the repair of the damaged Deep Water Dock dolphin.

Fiscal note: 456-0380 \$25,000.