

## CITY OF SANTA BARBARA WATERFRONT DEPARTMENT

### MEMORANDUM

**Date:** February 18, 2016  
**To:** Harbor Commission  
**From:** Scott Riedman, Waterfront Director  
**Subject:** **Facilities Management Report**

---

#### **FEDERAL CHANNEL DREDGING**

Frequent large swells during December and January have deposited more sand than normal in the Federal Channel. A large shoal has formed off the sandspit and is encroaching into the channel. Several vessels have hit bottom this season with Harbor Patrol providing an escort for some of the larger vessels. Harbor Patrol has also conducted routine soundings to determine the depth and width of the channel. As this condition becomes more dangerous with each large swell, staff has asked the Corps of Engineers to begin dredging as soon as possible.

Spring cycle dredging normally begins in late March and continues into April. The Corps has issued a Notice to Proceed to their contractor, Pacific Dredge, who will begin mobilizing February 18. Dredging should begin February 21 and will take a few days to restore a portion of the channel to the desired depth of -18' msl. The Corps' contract limits dredging to 120,000 c.y. It's probable that there is considerably more material in the Federal Channel with rough estimates at close to 200,000 c.y. Fortunately the Corps has requested and received an additional \$380,000 in Work Plan funds (supplemental funding for a variety of Corps projects). Assuming Pacific Dredge extends their unit price of approximately \$7.00/c.y., an additional 50,000 c.y. of sand may be removed from the channel.

Staff will work closely with the Corps and Pacific Dredge over the next few weeks to maximize dredging in the areas with the most shoaling. Since it is relatively early in the year to begin dredging there is some concern that dredging would end too soon and additional large swells may deposit more sand in the channel before the end of winter. It's possible that Pacific Dredge may work a few days to deepen the shallowest part of the channel to improve navigation and then stand down for a week or two if more large swells are forecast. Mariners are encouraged to contact Harbor Patrol on VHF 12 or 16 to find out the latest conditions until dredging is completed.

#### **HARBOR PATROL BOAT 1 REPLACEMENT**

In September 2015, staff presented the Harbor Commission with a plan to replace Harbor Patrol Boat 1 (PB1). The plan consisted of applying \$110,000 in Capital Funds identified to repower PB1 and adding \$75,000 that is accruing in the recently created Vessel Reserve Fund. Upon the Harbor Commission's recommendation that staff move forward

with replacement of PB1 instead of repowering the vessel, staff spent a considerable amount of time researching patrol boats used at various agencies and writing specifications for a boat that would meet Harbor Patrol's needs. Staff identified some comparably sized patrol boats that also had firefighting capability. This is especially desirable in Santa Barbara Harbor with large wooden facilities such as Stearns Wharf, the City Pier, Travel Lift Pier, and Marinas 2 - 4. A bid package was prepared with two options: with and without firefighting capability. The boat was put out to bid in December with bids due in late January.

Three bids were submitted for PB1. Considering the two bid options (with and without firefighting capability), there were two different low bids. Furthermore, the low bid that includes firefighting capability may not have met all the requirements in the specifications. Staff will work with the Purchasing Division to review the bids and determine if they meet all the bid requirements.

The low bids ranged from \$198,000 to \$214,000 for a boat with firefighting capability. Council action is required to appropriate funds for this project. Staff has asked the Finance Department to include mid-year (FY2016) budget adjustments to appropriate the Vessel Reserve Funds (\$75,000) to the Capital Fund for this project. Staff has also suggested an additional \$40,000 for the project to cover the second lowest bid including contingency funds. The mid-year budget adjustment recommendations were presented to the Harbor Commission Budget Subcommittee (Sloan and McIntosh) on February 3.

Prepared by: Karl Treiberg, Waterfront Facilities Manager