

B. Survey Purpose

The United States Coast Guard and Port of San Francisco requested NRT6 to conduct a bathymetric survey for the proposed anchorage site for the deep draft vessel SWAN. The depths in Anchorage 9 are not adequate to accommodate the SWAN's 60 foot draft. The proposed anchorage site has charted depths of 62' and 63' and NRT6 is assigned to investigate the depths in this area. The SWAN intends to anchor October 15.

C. Intended Use of Survey

Data collected 9/25/2014 (DN268) is adequate to supersede prior data and is intended for chart compilation. Soundings were reduced to Mean Lower Low Water (MLLW) using verified tides from tide station Alameda (9414750), applied via TCARI grid (L934NRT62014.tc).

Data collected 10/09/2014 is for informational purposes only and is not adequate to supersede prior data, and is not intended for chart compilation. Soundings were reduced to Mean Lower Low Water (MLLW) using predicted tides from tide station Alameda (9414750).

Office Notes: All data from F00651 was found adequate for charting after Final Verified Water Levels were applied to data collected on 10/09/2014 during office processing.

This tide processing discrepancy is a result of a 'last-minute' request by the Port of San Francisco -- due to features with height above bottom discovered near anchorage bucket Whiskey 2 -- for additional sonar coverage of neighboring anchorage bucket Whiskey 1. Data was collected, processed, and products produced within 12 hours, giving constituents anchoring options for the SWAN's arrival October 15.

D. Data Acquisition and Processing

Please reference Data Acquisition and Processing Report DAPR_2014_FINAL.docx for a complete description of data acquisition and processing systems, survey vessels, quality control procedures and data processing methods.

E. Uncertainty

No data featured areas of Uncertainty greater than IHO Special Order.

F. Results and Recommendations

The following are the largest scale RNC and ENC, which cover the survey area:

Chart 18650	Scale 1:10000	Edition 57	Edition Date Dec./2013	LNM Date	NM Date 9/25/2014
ENC US3CA14M	Scale 1:207,840	Edition 17.5	Published 10/31/2014	Issue Date	Preliminary