

W00600

U.S. Department of Commerce
National Oceanic and Atmospheric Administration
National Ocean Service

DESCRIPTIVE REPORT

Type of Survey: Navigable Area

Registry Number: W00600

LOCALITY

State(s): California

General Locality: Seal Beach

Sub-locality: Anaheim Bay

2021

CHIEF OF PARTY
Gregory T. Smith

LIBRARY & ARCHIVES

Date:

HYDROGRAPHIC TITLE SHEET

W00600

INSTRUCTIONS: The Hydrographic Sheet should be accompanied by this form, filled in as completely as possible, when the sheet is forwarded to the Office.

State(s): **California**

General Locality: **Seal Beach**

Sub-Locality: **Anaheim Bay**

Scale: **10000**

Dates of Survey: **08/19/2021 to 08/24/2021**

Instructions Dated: **N/A**

Project Number: **ESD-PHB-21**

Field Unit: **US Navy**

Chief of Party: **Gregory T. Smith**

Soundings by: **R2Sonic 2024 (MBES)**

Imagery by: **N/A**

Verification by: **Pacific Hydrographic Branch**

Soundings Acquired in: **US Survey feet at Mean Lower Low Water**

Remarks:

Any revisions to the Descriptive Report (DR) applied during office processing are shown in red italic text. The DR is maintained as a field unit product, therefore all information and recommendations within this report are considered preliminary unless otherwise noted. The final disposition of survey data is represented in the NOAA nautical chart products. All pertinent records for this survey are archived at the National Centers for Environmental Information (NCEI) and can be retrieved via <https://www.ncei.noaa.gov/>. Products created during office processing were generated in NAD83 California Zone 6, MLLW. All references to other horizontal or vertical datums in this report are applicable to the processed hydrographic data provided by the field unit.

DESCRIPTIVE REPORT MEMO

September 20, 2021

MEMORANDUM FOR: Pacific Hydrographic Branch

FROM: Report prepared by PHB on behalf of field unit
Robert Short
Physical Scientist, Pacific Hydrographic Branch

SUBJECT: Submission of Survey W00600

Post-construction survey to accommodate recreational boaters entering & exiting Huntington Harbor Marina and also to avoid confusion or conflicts with Navy vessels loading munitions and transiting in and out of Seal Beach.

A 2m grid was created for data archival and charting purposes, as well as a final feature file that includes an M_QUAL.

The vertical datum for this project is Mean Lower Low Water. The horizontal datum for this project is North American Datum of 1983 (NAD 83). The projection used for this project is Universal Transverse Mercator (UTM) Zone 11.

Some survey systems and methods were mentioned in Survey Sheets 1 & 2; FY19 Mcon Project P-224, Causeway, Boat Channel & Turning Basin, NWS Seal Beach.

All data were reviewed for DTONs and none were identified in this survey.

US Navy acquired the data outlined in this report. Additional documentation from the data provider may be attached to this report.

Data were imported into CARIS BDB from a field submitted xyz file. A 2m grid was created and used for review and in areas of overlap with prior trusted data, this survey compared favorably.

This survey does meet charting specifications and is adequate to supersede prior data. During review, it was determined that this data receive a CATZOC B due to the lack of a feature search and not having processed data to perform an exhaustive review.

During further review, the CATZOC of this survey was upgraded to CATZOC A1 based on the quality of the data and the coverage achieved.

