

# 4283

Diag. Chart No. 5530-4

# 4283

Form 504	
DEPARTMENT OF COMMERCE	
U. S. COAST AND GEODETIC SURVEY	
....., Director	
State: California	
DESCRIPTIVE REPORT	
<del>Topographic</del> Hydrographic	Sheet No. 4283
LOCALITY	
Suisan Bay	
Entrance to Suisan and	
Montezuma Sloughs	
1923	
CHIEF OF PARTY	
O.W. Swainson	

NOT REPRODUCED WITHOUT PERMISSION

*my  
hand*

IN REPLY ADDRESS THE DIRECTOR  
U. S. COAST AND GEODETIC SURVEY  
AND NOT THE SIGNER OF THIS LETTER

AND REFER TO No. 16-LW

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY  
WASHINGTON

April 19, 1927.

To: Lt. O. W. Swainson,  
U. S. C. & G. S. S. PATHFINDER,  
Manila, P.I.

From: The Chief Clerk,  
U. S. Coast and Geodetic Survey.

Subject: Hydrographic Report No. 4283.

There seems to be some discrepancy in the records in this office concerning a descriptive report for hydrographic sheet No. 4283, Suisun Bay, Northern part of California, which sheet was prepared by you in 1923. There appears to be no descriptive report in this office although one record shows that it was received.

It will be appreciated if you can inform this office whether or not you prepared and transmitted a descriptive report for that sheet.



Chief Clerk.

MAY 28 1927

Mr. Swainson reported in person in the office of the Coast and Geodetic Survey that he could not now say whether or not a descriptive report had been sent; but that if one had been prepared it would have been a very short one, needing not more than one sheet of paper.

*was*

SHELF MARK

RECEIVED BY LIBRARY AND ARCHIVES DIVISION

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY  
FORM 181

ORIGINAL RECORD OR COMPUTATION

*When in  
file dust  
in*

ACCESSION No.	AUTHOR	VOLS.	CAN.	ROLLS OR SHEETS
4283		5		
TITLE <i>Geo. Report by            Hyd. 4/28/24</i>				

DATE BORROWED

APR 3 - 1924

USE SEPARATE TICKETS FOR DIFFERENT SHELF MARKS

*J. H. ...*

COPY TO FIELD RECORDS

June 11, 1925.

Division of Hydrography and Topography:

Division of Charts:

Tide reducers are approved in  
1 volumes of sounding records for

C HYDROGRAPHIC SHEET 4223

Locality: **Suisun Bay (Northern part) Calif.**

Chief of Party: **O. W. Swinson in 1925**

Plane of reference is **mean lower low water, reading**  
**1.0 ft. on tide staff at Montezuma**  
**5.0 " " " tide gauge " Suisun Pt.**

For reduction of soundings, condition of records satisfactory  
except as checked below:

1. Locality and sublocality of survey omitted.
2. Month and day of month omitted.
3. Time meridian not given at beginning of day's work.
4. Time (whether A.M. or P.M.) not given at beginning of day's work.
5. Soundings (whether in feet or fathoms) not clearly shown in record.
6. Leadline correction entered in wrong column.
7. Field reductions entered in "Office" column.
8. Location of tide gauge not given at beginning of each day's work.
9. Leadline corrections not clearly stated.
10. Kind of sounding tube used not stated.
11. Sounding tube No. entered in column of "Soundings" instead of "Remarks".
12. Legibility of record could be improved.
13. Remarks.

*G. V. Rude*

Chief, Division of Tides and Currents.

DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

WASHINGTON

January 22, 1924.

SECTION OF FIELD RECORDS

Report on Hydrographic Sheet No. 4283

Suisun Bay, California

Surveyed in 1923

Instructions dated March 1, 1922

Chief of Party, O. W. Swainson.

Surveyed by O.W. Swainson and M. O. Witherbee.

Protracted and soundings plotted by H. J. Petersen.

Verified and inked by A. L. Shalowitz.

1. The records conform to the requirements of the General Instructions. At times the writing is carelessly done and figures nearly illegible. No descriptive report was submitted.
2. The plan and character of development fulfill the requirements of the General Instructions and satisfy the specific instructions.
3. The sounding line crossings are adequate.
4. The information is sufficient for drawing the usual depth curves.
5. The plotting usually done by the field party was done in the office.
6. Comparison cannot yet be made of this sheet with the contemporary work on the southern edge as the adjoining work has not yet been plotted. A comparison with the previous survey of Grizzly Bay shows that the depths have increased 1 to 3 feet along the entire northeast edge of the new survey.
7. The previous paragraph indicates that a new survey of Grizzly Bay should be made.
8. The character and scope of the surveying are good.
9. Reviewed by E. P. Ellis, January 22, 1924.

December 5, 1923

Verification of H-4283

The records for this sheet were well kept, but often the recorder was inclined to be careless and many of the figures are not very legible.

The protracting was good and the plotting of the soundings was fair.

A. L. Shelovitz