

4782

Diag. Ct. No. 5101-2

Form 504

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
....., Director

G. & B. SURVEY
L. & A.
MAY 19 1928
Acc. No.

State: California.....

DESCRIPTIVE REPORT

~~Topographic~~ } Sheet No. ⁴ 4782
Hydrographic }

LOCALITY

San Diego

Lower Harbor

1928

CHIEF OF PARTY

F. G. Engle

4782

Statistics for Field Sheet #4

4782

| Date: | Day: | Vol.No.: | Boat : | No. Pos.: | No.Sdgs. : | Statute miles | sdg.lines |
|----------|------|----------|----------------|-----------|------------|---------------|-----------|
| April 16 | a | 1 | Port launch | 121 | 593 | 10.5 | |

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

AND REFER TO No. 11-DFM

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

WASHINGTON

June 19, 1928.

SECTION OF FIELD RECORDS

Report on Hydrographic Sheet No. 4782

Examination in Lower Harbor, San Diego Bay.

Surveyed in April 1928

Instructions dated April 2, 1928

Chief of Party, F. G. Engle.

Surveyed by C. M. Durgin.

Protracted and soundings plotted by G. R. Fish.

Verified and inked by J. T. Walker.

1. The work on this sheet comprised a hydrographic examination of the 19 foot sounding found on H. 4269 (pos. 55 r) in lat. $32^{\circ} 41' 39.2$ m., long. $117^{\circ} 08' 10.05$ m. While no evidence was found of the 10 foot sounding, the least depth in the immediate vicinity being 24 feet, it is noted that a small holiday exists in the work where the 19 plots. This fact, together with the fact that the original survey (H. 4269) shows that the shoal is of small extent, seem sufficient to warrant the retention of the 19 on the charts. (Concurred in by Chiefs of Field Records and Field Work).
2. Reviewed by A. L. Shalowitz, June, 1928.

Approved:

Chief, Section of Field Records (Charts)

Chief, Section of Field Work (H. & T.)

Section of Field Records

Report on Sheet No. 4782

Chief of Party F. G. Engle

Protracted by G. R. Fish

Verified and Inked by J. T. Walker

Surveyed April 16, 1928

Surveyed by C. M. Durgin

Soundings plotted by

G. R. Fish.

The sounding records were completely neat. Forty seven percent of the boat positions were checked and no mistakes were found.

The soundings were penciled in in very small figures so that they could all be plotted. They were accurately plotted. When they were inked in the soundings were made larger and many had to be omitted for lack of space. Care was taken, however, to always ink in the shoalest sounding.

The sheet was clean when received and the work was legible. The boat positions were written in so close to the point that the sounding often covered it up.

The sheet conformed to General Instructions.

Only three signals were used - Bud, Yan and Round.

Reviewed by

Date

Respectfully submitted

J. T. Walker.

Note - Boat sheet registered under H 4269

May 23, 1928.

Division of Hydrography and Topography:

Division of Charts:

Tide reducers are approved in
volumes of sounding records for

HYDROGRAPHIC SHEET 4783

Locality: **SAN DIEGO, CALIFORNIA.**

Chief of Party: **F. C. Eagle, 1928**

Plane of reference is **M L W**

2.0 ft. on tide staff at **San Diego (C.A. G.S. Staff)**

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. W. Ruse

Chief, Division of Tides and Currents.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

REG. NO.

4782

HYDROGRAPHIC TITLE SHEET

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

Field No. 4

REGISTER NO. 4782

State California

General locality San Diego Harbor

Locality Lower Harbor

Scale 1/10,000 Date of survey April 16, 1928

Vessel DISCOVERER

Chief of Party F.G. Engle

Surveyed by C.M. Durgin

Protracted by G.R. Fish

Soundings penciled by G.R.R.

Soundings in fathoms # feet

Plane of reference MLLW

Subdivision of wire dragged areas by

Inked by

Verified by

Instructions dated April 2 & 7, 1928

Remarks: