

4692

U. S. COAST & GEODETIC SURVEY
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Form 504
Ed. June, 1928

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

R. S. Patton, *Director*

State: CALIFORNIA

DESCRIPTIVE REPORT

Topographic

Hydrographic

Sheet No.

A
4692

LOCALITY

Portion of S. E.
Farallon Island

Pacific Coast

1932

CHIEF OF PARTY

Thos. J. Maher

U. S. GOVERNMENT PRINTING OFFICE: 1930

4692

Applied To new chart 5598 Oct. 1956 G.H.E.

DESCRIPTIVE REPORT TO ACCOMPANY

TOPOGRAPHIC SHEET - SOUTH FARALLON ISLANDS

Instructions Dated - May 24, 1932

U. S. C. & G. S. S. PIONEER

LANDMARKS: The Lighthouse is the most prominent landmark, being on the highest part of the eastern end of the island. South of the lighthouse there are many buildings, the most prominent one being the one with the brick chimney.

CONTROL: The azimuth was carried from the line Farallon L. H. and Farallon Island Radio Tower (E. Base)

CLOSING ERRORS OF TRAVERSES RUN AND HOW ADJUSTED: The table was set up at the Radio Tower and oriented on the Lighthouse. Traverse was run from this setup around to the north landing via the railroad track and back across the saddle via the trail and closed on the second setup away from the initial. This closed without error in either azimuth or distance. The lighthouse was re-sighted on at all of the setups as a check on the orientation and distance.

COMPARISON WITH PREVIOUS SURVEYS: Many new buildings have been constructed since the old survey (sheet no. 1259). No changes in shoreline were noted. As a check on the new survey, the shoreline around the north and east landings was rodged in and shown in ink on this sheet. The Radio Compass Station has been moved. The building housing the old station at " Radio Compass Station 1921" was burned several years ago and a new building constructed at the location shown on the sheet as R.C. This location is the result of three cuts to the pelorus stand over the loop antenna, and was checked by the rod readings to locate three corners of the building.

REMARKS: The saddle rock (eastern knob), south of the island, was transferred to the sheet and cuts taken. The highest part of the western part of the island was transferred and cuts taken. There was a pole on this peak and cuts were to the pole. These cuts are left on the sheet in pencil.

The red circles are locations of points and objects that may be used as control for subsequent surveys. The names describe the objects and points. The cylindrical tanks are shown as circles and cross-hatched. The dome-shaped cisterns are shown by circles without cross-hatching. These cisterns are white and show up very well from the air. The Navy personnel live at the meridian 123 00 and east while the Lighthouse personnel live in the westerly settlement.

Approved and forwarded:

Thos. J. Maher,
Inspector, S. F. Field Station.

Clifton J. Wagner
Clifton J. Wagner
Jr. H. & G. Engr.

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TOPOGRAPHIC TITLE SHEET

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

Field No. A

REGISTER NO. **4692**

State CALIFORNIA

General locality PACIFIC COAST

Locality PORTION OF S. E.
~~SEASIDE~~ FARALLON ISLAND

Scale 1-2500 Date of survey June 17-24, 1932

Vessel San Francisco Field Station

Chief of Party Thos. J. Maher

Surveyed by C. J. Wagner

Inked by C. J. Wagner

Heights in feet above -- to ground to tops of trees

Contour, Approximate contour, Form line interval -- feet

Instructions dated May 24, 1932

Remarks: Survey requested by the Superintendent of Lighthouses
San Francisco, California.