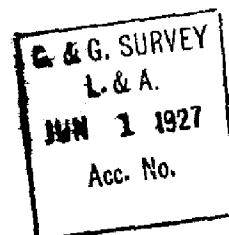


4271

Form 504	
DEPARTMENT OF COMMERCE	
U. S. COAST AND GEODETIC SURVEY	
....., Director	
<div></div>	
State: California.....	
DESCRIPTIVE REPORT	
Topographic <del>Hydrographic</del>	Sheet No. <sup>3</sup> 4271
LOCALITY	
San Francisco Bay	
Castro Point, San Quentin	
and California City.	
1927	
CHIEF OF PARTY	
P.C. Whitney	

GOVERNMENT PRINTING OFFICE

4271



DESCRIPTIVE REPORT to accompany Sheet No. 3. - 4271

ORDERS:

The work done on Sheet No. 3 is called for by Instructions from the Director dated February 10, and March 2, 1927.

GENERAL DESCRIPTION:

This work shows the location of the Richmond ferry slip of the Richmond-San Rafael ferry, together with the road that provides the approach to the ferry slip, the new wharf and ferry slip on the San Rafael side of the bay, and the new lumber wharf built for the Pinkbire-Guild Lumber Company at California City.

LANDMARKS:

Each of these structures constitutes a landmark of sufficient prominence to warrant its being shown on the chart. The ferry building at the Richmond ferry slip is a rather prominent building, although by no means a large structure. Its position was carefully determined and is given in the list of geographic positions attached to this report. The new wharf at San Quentin has but one slip, but in its construction, provision was made for building a second slip alongside the one now in place. At California City, the hill side in back of the new lumber wharf has been cut away for a distance of about 20 meters to provide material for the inshore approach to the wharf. The wharf itself is supported on heavy creosote piling. There are heavy mooring dolphins near each corner of the wharf.

SURVEY METHODS:

The triangulation control for this work was very good, all three triangulation stations shown on the sheet being visible practically all of the time, except when working near the Richmond ferry slip. To locate this it was necessary to set up first on the Standard Oil Company's wharf, and determine the direction to a point on the ferry slip. The table was then set up at this point, oriented, and its position determined with a check by means of resection lines from two of the triangulation stations. Connections were made to the corner of the Standard Oil Company's wharf at point "D", and to points "A", "B", and "C" shown on the sheet and the section of chart attached. The position of the wharf and ferry slip at San Quentin were determined by three point fixes and the usual plane table methods. Control here was excellent. Connections were made to points "E", and "F" shown on both the sheet and section of the chart attached. At California City, the new lumber wharf was located by a three point fix, using

the three triangulation stations shown on the sheet. Connections were made to points "G" and "H", point "G" being the northwest corner of the Naval Fuel Depot wharf. From this wharf cuts were taken to the wharves and ferry slips at Richmond and San Quentin, and furnished an excellent check on the work done at these points.

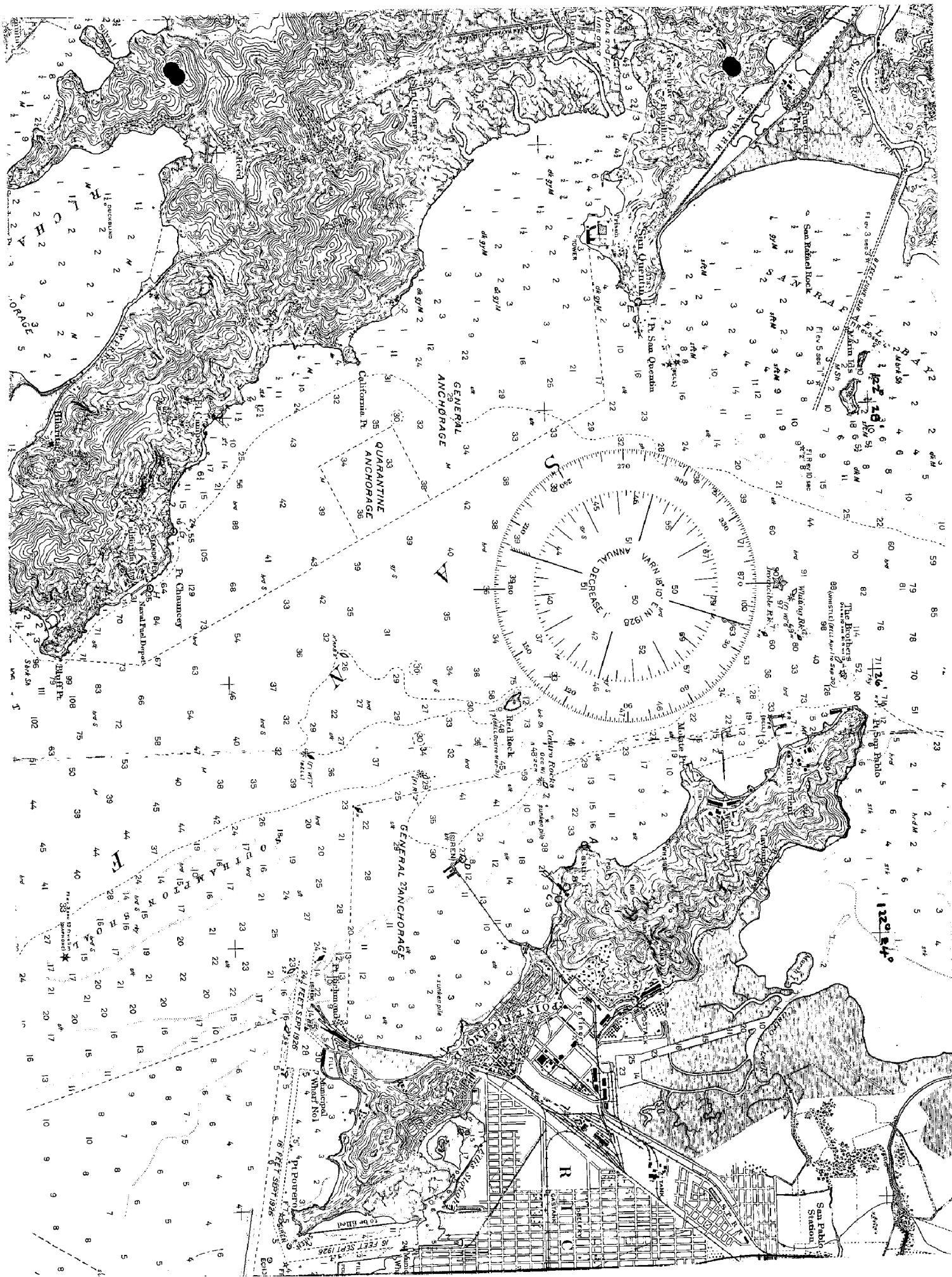
May 20, 1927.

Heaman Odlessey  
H. G. Emery

Paul Whitney  
Chief of Party

List of Geographic Positions, Sheet No.3.

Object	Lat.	D.M. meters	Long.	D.P. meters	Remarks
Fer building	37-56	393	122-24	1080	Center of south face
Tank	37-56	1102	122-28	990	35 ft. wooden water tank



DEPARTMENT OF COMMERCE  
U. S. COAST AND GEODETIC SURVEY

REG. NO.

4271

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. 3

REGISTER NO. **4271**

State California

General locality San Francisco Bay

Locality Castro Point, San Quentin, and California City

Scale 1-20000 Date of survey May 3, 11, 1927

~~WESTERN~~ San Francisco Field Station

Chief of Party Paul C. Whitney

Surveyed by Herman Odessey

Inked by Herman Odessey

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

Contour, Approximate contour, Form line interval ---- feet

Instructions dated February 10, and March 2, 1927

Remarks: -----