DESCRIPTION REPORT

TO ACCOMPANY TOPOGRAPHIC SHEET "A"

EXTENT
This sheet covers the Alameda and Western Pacific Docks on the east side of San Francisco Bay.

INSTRUCTIONS
Made under the Inspector's oral orders of March 1929.

PURPOSE
To note and locate recent changes in the shoreline and pierheads and to locate further landmarks for charts.

METHOD OF SURVEY
The standard plane table and stadia were used. Signals were plentiful enough to permit of the three point fix being used almost entirely for locating the planetable. A traverse was run from station "AIR" to a point near the station "BORAX WORKS STACK" and closed satisfactorily on a three point fix.

REMARKS
The high water line between the Oakland and Western Pacific Docks is indefinite due to its flatness. The low water area consists principally of mud rather than sand.
The only change noted in the pierheads and ferry slips was at Alameda Mole where an additional ferry slip has been added to the south side.
The Alameda Airport Company expects to have their landing field extended to the present low water line by 1933.
Several objects listed in the Superintendent's report of 1910 were discovered to have been destroyed and are so marked on the sheet.

LANDMARKS
An additional stack similar in appearance to the PIPE WORKS STACK has been built about 100 meters north of it. Its position is given in the list of planetable positions and also in the list of landmarks for charts.

NOTE
All features, located in the field, were inked by order of the Inspector.

[Signature]
George A. Nelson
Topographer
## LIST OF PLANE TABLE POSITIONS

**SHEET A.**

<table>
<thead>
<tr>
<th>Description</th>
<th>Latitude</th>
<th>D.M. Meters</th>
<th>Longitude</th>
<th>D.P. Meters</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Round Concrete Stack</td>
<td>37 - 46</td>
<td>1400</td>
<td>122 - 17</td>
<td>95</td>
</tr>
<tr>
<td>2. Platform, unpainted</td>
<td>37 - 46</td>
<td>228</td>
<td>122 -- 19</td>
<td>302</td>
</tr>
<tr>
<td>5. Wind Sleeve–Alameda Airport</td>
<td>37 - 47</td>
<td>1244</td>
<td>122 - 19</td>
<td>330</td>
</tr>
<tr>
<td>7. Yellow Tower</td>
<td>37 - 48</td>
<td>104</td>
<td>122 - 19</td>
<td>1011</td>
</tr>
<tr>
<td>8. Black Tank</td>
<td>37 - 48</td>
<td>71</td>
<td>122 - 19</td>
<td>1057</td>
</tr>
</tbody>
</table>
DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY
WASHINGTON October 9, 1929.

SECTION OF FIELD RECORDS
Report on Topographic Sheet No. 4428
Oakland, California
Surveyed in 1929

Chief of Party, T. J. Maher.
Surveyed and inked by A. P. Ratti and G. A. Nelson.
Inked by G. A. N.

1. The plan and character of the survey conform to the General Instructions. It was done under verbal instructions of the Inspector.

2. Although the plotting of the triangulation points was verified, the position of Oakland Harbor Light was plotted 12 meters northeast of its true location. This point was extensively used in locating plane table setups, and has probably resulted in erroneous location of topographic details. A comparison with U.S. Engineers survey of April 23, 1926 (Blueprint No. 20423) indicates that the northermost pier on the sheet is too far west. It is not possible to determine in the office how much the error has affected the balance of the survey. There are no modern surveys by the Coast Survey with which the new work can be compared.

3. Reviewed by E. P. Ellis, October, 1929.

Approved:

[Signature]
Chief, Section of Field Records (Charts)
Survey made under verbal instructions of Inspector San Francisco. As dated by signing it, March 1935.
New surveys have been made which were done by survey Chief, Section of Field Work (H. & T.)

[Signature]
Chief, Division of Charts

[Signature]
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

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 Letter A

REGISTER NO. 4428

State California

General locality Oakland, San Francisco Bay

Locality Oakland

Scale 1:10,000 Date of survey March 1929

Vessel San Francisco Field Station Party

Chief of Party T.J. Maher

Surveyed by A.P. Fatti & G.A. Nelson

Inked by G.A.N.

Heights in feet above to ground to tops of trees

Contour Approximate contour Form line interval feet

Instructions dated Inspector's instructions of March 19 29

Remarks:

U. S. GOVERNMENT PRINTING OFFICE, 1907