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

**DESCRIPTIVE REPORT**

<table>
<thead>
<tr>
<th>Type of Survey</th>
<th>GRAPHIC CONTROL SHEET</th>
</tr>
</thead>
<tbody>
<tr>
<td>Field No.</td>
<td>BO-D-50</td>
</tr>
<tr>
<td>Office No.</td>
<td>T-7647</td>
</tr>
</tbody>
</table>

**LOCALITY**

<table>
<thead>
<tr>
<th>State</th>
<th>California</th>
</tr>
</thead>
<tbody>
<tr>
<td>General locality</td>
<td>San Francisco Bay</td>
</tr>
<tr>
<td></td>
<td>Consolidated Western Steel Corp.</td>
</tr>
<tr>
<td>Locality</td>
<td>South San Francisco</td>
</tr>
</tbody>
</table>

**19550**

**CHIEF OF PARTY**

Raymond M. Stone

**LIBRARY & ARCHIVES**

**DATE**  SEP 18 1950
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 No. BC-D-50

REGISTER NO.

State

California

General locality

San Francisco Bay

Consolidated Western Steel Corporation

Locality

South San Francisco

Scale

1:5000

Date of survey

2-4 August, 1950

Vessel

Western District Office

Chief of party

Raymond M. Stone

Surveyed by

Raymond M. Stone

Inked by

Raymond M. Stone

Heights in feet above ground to tops of trees

Contour, Approximate contour, Form line interval

Telegaphic

Instructions dated

31 July, 1950

Remarks:

...
DESCRIPTIVE REPORT
to accompany
GRAPHIC CONTROL SHEET
Field No. BO-D-50
SAN FRANCISCO BAY
CONSOLIDATED WESTERN STEEL CORPORATION
SOUTH SAN FRANCISCO, CALIFORNIA

Scale: 1:5000
Western District Office
San Francisco, California

3-4 August 1950
R. M. Stone
Chief of Party

AUTHORITY:
Telegraphic Instructions dated 31 July 1950

LIMITS OF SURVEY:
Latitude 37°-39'-00" N to 37°-40'-30" N
Longitude 122°-22'-00" W to 122°-24'-00" W

PURPOSE:
Establishment of graphic control for hydrographic surveys of the channel from San Francisco Bay to Consolidated Western Steel Corporation Shipyard, South San Francisco, California.

CONTROL:
U.S.C.&G.S. triangulation station SIERRA POINT 1851,
POINT SAN BRUNO 1925, RED BRICK CHIMNEY 1938, and ELEVATED TANK CONICAL ROOF 1938.

No additional triangulation was established at this time.

SURVEY METHODS:
Standard planetable methods were used in locating all signals. No discrepancies were noted in regards to the intersections of planetable cuts.

A copy of the "Plat of Property" drawing of Consolidated Western Steel Corporation, dated 17 January 1949, scale 1" = 100', is made a part of the report. On this drawing the centerline of the channel, bearing N 72° 26' 32" E, and the line representing the northwest side of the long corrugated iron building, bearing N 37° 32' 40" E, were extended to a point of intersection. The scaled distance from this point of intersection and signal "BOY," the northeast corner of the corrugated iron building is 60 meters. Using this distance and bearings in relation to signal "BOY," the centerline of the channel was plotted on the graphic control sheet.

No magnetic azimuths were determined.
RECOVERABLE TOPOGRAPHIC STATIONS:

A list of recoverable topographic stations is as follows:

<table>
<thead>
<tr>
<th>Station</th>
<th>Description</th>
<th>Latitude</th>
<th>Longitude</th>
</tr>
</thead>
<tbody>
<tr>
<td>TAN</td>
<td>White water tank</td>
<td>37 39</td>
<td>424.3 (1425.5) 122 23</td>
</tr>
<tr>
<td>DAR</td>
<td>Green water tank</td>
<td>37 39</td>
<td>636.6 (1213.2) 122 23</td>
</tr>
<tr>
<td>CAT</td>
<td>Black water tank</td>
<td>37 39</td>
<td>1210.8 (639.0) 122 23</td>
</tr>
<tr>
<td>DOG</td>
<td>Black water tank</td>
<td>37 39</td>
<td>1273.4 (576.5) 122 23</td>
</tr>
<tr>
<td>GAB</td>
<td>NE Gable, corrugated iron building</td>
<td>37 39</td>
<td>1694.5 (155.3) 122 23</td>
</tr>
<tr>
<td>KEY</td>
<td>Black stack</td>
<td>37 39</td>
<td>1417.1 (432.7) 122 23</td>
</tr>
<tr>
<td>SHE</td>
<td>North Gable, red shed</td>
<td>37 39</td>
<td>1747.6 (102.2) 122 23</td>
</tr>
<tr>
<td>DOL</td>
<td>Dolphin</td>
<td>37 40</td>
<td>285.2 (1564.6) 122 22</td>
</tr>
<tr>
<td>***</td>
<td>Northernly of 4 dolphins</td>
<td>37 39</td>
<td>1820.4 (29.4) 122 22</td>
</tr>
<tr>
<td>BOX</td>
<td>Duck blind on piling</td>
<td>37 40</td>
<td>420.0 (1429.8) 122 23</td>
</tr>
<tr>
<td>OAK</td>
<td>Duck blind on piling</td>
<td>37 40</td>
<td>578.8 (1271.0) 122 23</td>
</tr>
</tbody>
</table>

All recoverable topographic stations have been described on Form No. 524.

AIDS TO NAVIGATION:

No additional aids to navigation are involved.

LANDMARKS FOR CHARTS:

No landmarks for charts are involved, in addition to those shown on Chart No. 5531.

GEOGRAPHIC NAMES:

The names shown on Chart No. 5531 in the area covered by this graphic control sheet are correct.

No additional geographic names are involved.

RANGE BEARING:

There is no established range for subject channel.

In reference to the "Flat of Property" drawing, which is a part of this report, the bearing of the channel is N 72° 26' 32" E.
LIST OF SIGNALS LOCATED OUTSIDE OF EML ARE AS FOLLOWS:

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>OAK</td>
<td>Duck Blind on piling</td>
</tr>
<tr>
<td>BOX</td>
<td>&quot;</td>
</tr>
<tr>
<td>MOG</td>
<td>Pile</td>
</tr>
<tr>
<td>ING</td>
<td>Pile</td>
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<tr>
<td>TAL</td>
<td>Pile</td>
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<tr>
<td>LIN</td>
<td>Pile</td>
</tr>
<tr>
<td>PIL</td>
<td>Pile</td>
</tr>
<tr>
<td>DOL</td>
<td>Dolphin</td>
</tr>
</tbody>
</table>

Respectfully submitted,

[Signature]
Raymond M. Stone
Lieutenant, USC&GS
REVIEW OF TOPOGRAPHIC SURVEY T-7047

This graphic control survey was made for the purpose of obtaining control for hydrographic survey F.E. 6, 1950. All waterfront detail and signals north of latitude 37° 39'30" have been transferred to the hydrographic sheet and were considered in the review of that survey.

I. M. Zeskind

Inspected by: R. H. Carstens
5/4/51