

7047

Diag. Cht. No. 5530-4

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey GRAPHIC CONTROL SHEET

Field No. BO-D-50 Office No. T-7047

LOCALITY

State California

General locality San Francisco Bay  
Consolidated Western Steel Corp.

Locality South San Francisco

1945

CHIEF OF PARTY

Raymond M. Stone

LIBRARY & ARCHIVES

DATE SEP 19 1950

7047

DEPARTMENT OF COMMERCE  
U.S. COAST AND GEODETIC SURVEY

REG. NO.

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 3-4 August, 1950

Vessel Western District Office

Chief of party Raymond M. Stone

Surveyed by Raymond M. Stone

Inked by Raymond M. Stone

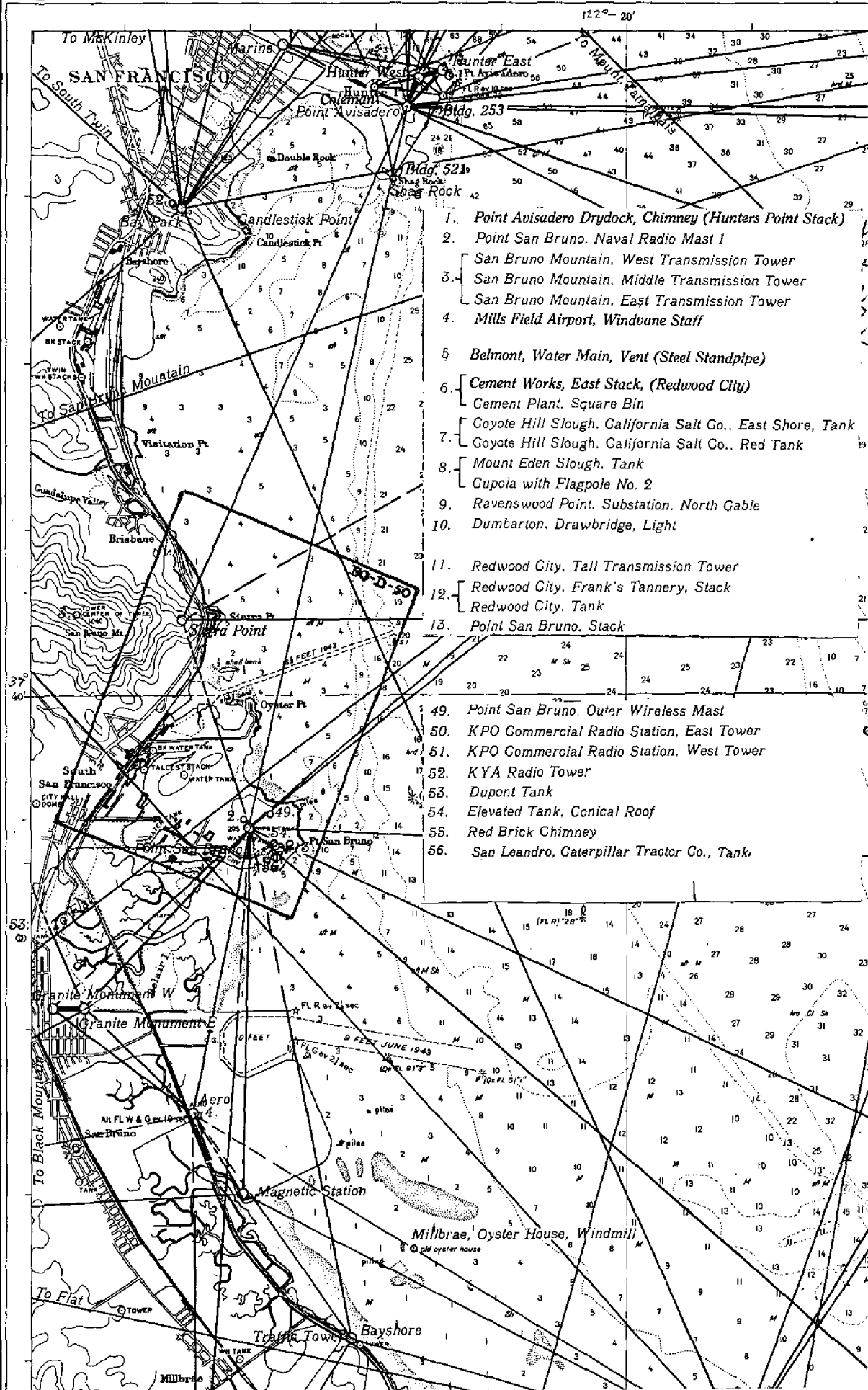
Heights in feet above.....to ground to tops of trees

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

Telegraphic

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 "Flat 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.

*Filed with  
hydrograms  
FE 5, 1950*



RECOVERABLE TOPOGRAPHIC STATIONS:

A list of recoverable topographic stations is as follows:

<u>Station</u>	<u>Description</u>	<u>Latitude</u>		<u>meters</u>	<u>Longitude</u>		<u>meters</u>
TAN	White water tank	37	39	424.3 (1425.5)	122	23	54.5 (1416.0)
DAR	Green water tank	37	39	636.6 (1213.2)	122	23	14.5 (1456.0)
CAT	Black water tank	37	39	1210.8 (639.0)	122	23	1316.3 (154.2)
DOG	Black water tank	37	39	1273.4 (576.5)	122	23	1158.0 (312.5)
GAB	NE Gable, corrugated iron building	37	39	1694.5 (155.3)	122	23	986.2 (484.3)
KEY	Black stack	37	39	1417.1 (432.7)	122	23	147.0 (1323.5)
SHE	North Gable, red shed	37	39	1747.6 (102.2)	122	23	76.0 (1394.5)
DOL	Dolphin	37	40	285.2 (1564.6)	122	22	140.2 (1330.3)
***	Northerly of 4 dolphins	37	39	1820.4 (29.4)	122	22	1293.2 (177.3)
BOX	Duck blind on piling	37	40	420.0 (1429.8)	122	23	178.8 (1291.7)
OAK	Duck blind on piling	37	40	578.8 (1271.0)	122	23	356.2 (1114.3)

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:

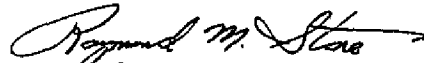
There is no established range for subject channel.

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 HWL ARE AS FOLLOWS:

<u>Name</u>	<u>Description</u>
OAK	Duck Blind on piling
BOX	" " " "
MOG	Pile
ING	Pile
TAL	Pile
LIN	Pile
PIL	Pile
DOL	Dolphin

Respectfully submitted,

  
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  $37^{\circ} 39' 30''$  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