DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
R. S. Patton, Director

State: California

DESCRIPTIVE REPORT
Topographic Hydrographic
Sheet No. G 4854

LOCALITY
Santa Barbara Channel
Seacliff to Sand Point

19.33

CHIEF OF PARTY
C. K. Green
applied to drawing of Chart 5202—Mar 1936 C.N.Z.
PARTY #10

Santa Barbara, Calif.
July 20, 1934.

Topographic Sheet "G", submitted herewith, has been inspected and approved by me, together with the data listed below.

List of data forwarded with Topographic Sheet "G"

Title Sheet
Descriptive Report
6 Description of recoverable topographic stations

The contours of the back country are well depicted on the old survey. These were continuously checked by the topographer of this party, therefore only those contours immediately along the shore are shown on this sheet.

Chas. K. Green,
Chief of Party #10.
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: C

REGISTER NO. 4854

State: California

General locality: Santa Barbara Channel

Locality: Seagull to Sand Point

Scale: 1:10,000

Date of survey: March, 1935

Vessel: Shore Party

Chief of Party: G.K. Green

Surveyed by: Harry T. Kelsh

Inked by: Harry T. Kelsh

Heights in feet above MSL to ground to tops of trees

Contour Approximate contour Form line interval: 50 feet

Instructions dated: October 31, 1932

Remarks:
Descriptive Report

to accompany

Topographic Sheet 'C'

N. Shore Santa Barbara Channel

California

INSTRUCTIONS

Oct. 31, 1932

LIMITS AND SCALE

This sheet embraces the north shore of Santa Barbara Channel from Seaciff to the west limits of Carpinteria longitude 119-30 to 119-32 app.

The scale is 1-10,000

General Description

The country from the east end of the sheet to Rincon Point is very rugged, with a range of hills parallel to the shore and rising almost directly from the coast, except for a narrow level strip on which the Coast Highway and the Southern Pacific Railroad are laid.

At Rincon Pt. this range swings back from the coast, the country becomes of an open rolling character, all under cultivation, gradually descending to a perfectly flat area near the west limit of the sheet, where the town of Carpinteria is located (population 1800).

The area near the east end of the sheet has been developed as an extensive oil field by the Richfield Oil Co., the General Petroleum Corp., and the Honolulu Oil Co., and the hillsides are dotted with derricks. One long pier extends out from shore carrying three derricks, and beyond this at a distance of nearly a half mile from the nearest point of shoreline is a detached section of pier with oil derrick.

At Pt. Gorda just west of this section, is a small settlement, locally known as Russel Rk, and another small group of cottages a half mile farther west, called Genovia del Mar. There are also a few houses at Rincon Pt.

West of this there is no development except for one small pier and oil derrick until we approach Carpinteria.

The cliff line west of Rincon Pt. while lower, rises directly from the shore, which accounts for the lack of development. Above the cliffs however the flat mesa has been developed into continuous cultivated fields.

The cliffs become lower and finally disappear just east of Carpinteria, where the flat country is just above sea level. Except for one small wooden pier there is no development of the town on the waterfront. Instead it centers around the Coast Highway, which here is about a half mile back from the shore.

Just west of the town is a swamp area as shown on the previous work, but it does not appear as large in extent or as wet as previously shown.

The shoreline in general for the whole stretch of this sheet is sand with occasional stretches of small rubble at
extreme low water line as shown on the topo sheet.

At Pt. Gorda there is a distinctive large rock
8 ft high immediately off the point; and just east of Carpinteria there is a stretch for about a mile and a half where a series of flat ledges appear in the sand beach with the farthest out being about 200 meters outside the high water line.

At the extreme west end of the sheet however, a line of ledges extends out with its tip 600 meters S.W. (true) from signal Bill, small sections of which are bare at low water. This area is surrounded by a heavy kelp patch which extends out another 400 meters.

LANDMARKS

The offshore derrick southeast of Pt. Gorda is the most conspicuous object on the sheet.

Inshore from it the general area is quite conspicuous with its numerous oil derricks, but there are too many to easily pick out any individual derrick.

Lt. Hoer, elevation 2160 ft, with a long slope towards the west, lies well back from the coast, and is the most prominent mountain.

Just west of 'Incon Pt.' the highway crosses the railroad by a high, and sloping concrete bridge which shows well near the shore.

At Carpinteria the Methodist Church Spire is easily seen; also the twin cupolas on the Grammar School.

CONTROL

Three triangulation signals directly on the beach, and one (Sealiff) easily occupiable on the 1st ridge back from the shore at the east limit of the sheet gave ample control.

Short traverses were run from each station until it met the traverse from the next station. No adjustment necessary.

GEOGRAPHIC NAMES

There is a general tendency along this coast to drop the old Spanish names; also as the country develops the tiny arroyos and rainy weather creeks become of less importance, many times are filled in, or covered over. An example is the Arroyo del Carpinteria which now is locally called Carpinteria Creek, as it appears on present chart 5202.

There are no changes of importance nor any new names along the stretch of shoreline covered on this sheet.

CHANGES IN SHORELINE

Except for minor differences the shoreline checks with the previous work. East of Pt. Gorda there appears an increment of about 15 meters of sand beach. West of 'Incon Pt.' the shore also appears to have extended slightly. This is due to the erection of sea walls, and the filling in behind with dirt to hold the bank on which the S.P.R.R. runs at this place.

The mouth of the creek emptying the swamp west of Carpinteria has shifted 150 meters to the westward. The straight
The contours on this sheet, as on all this stretch of coastline was originally done by occupying all of the hilltops for a considerable distance back from the coast, with many intermediate set ups, and the work was thoroughly and accurately done in detail. The only changes consist of a slight smoothing out of the country as the small arroyos are filled in when fields are plowed up, or towns are extended.

The sheet showing the original contour work was carried along in the field, and checked for apparent discrepancies. Check elevations were secured where same could be obtained from the beach, and general contour lines shown only.

Approved

Charles H. Green
Chief of Party
<table>
<thead>
<tr>
<th>Object and description</th>
<th>lat</th>
<th>D.M.</th>
<th>long.</th>
<th>D.P.</th>
<th>Height</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tam-wh tank on hilltop</td>
<td>34-20</td>
<td>1847</td>
<td>119-24</td>
<td>1006</td>
<td>elev 716</td>
<td>recov.</td>
</tr>
<tr>
<td>Red-red tank near hilltop</td>
<td>34-20</td>
<td>1751</td>
<td>119-24</td>
<td>1275</td>
<td>elev 50Q</td>
<td>recoverable</td>
</tr>
<tr>
<td>Sat-derrick</td>
<td>34-20</td>
<td>1451</td>
<td>119-25</td>
<td>312</td>
<td></td>
<td></td>
</tr>
<tr>
<td>It- derrick</td>
<td>34-20</td>
<td>1701</td>
<td>119-25</td>
<td>622</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Me- derrick</td>
<td>34-20</td>
<td>1762</td>
<td>119-25</td>
<td>749</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gen-derrick</td>
<td>34-21</td>
<td>3</td>
<td>119-25</td>
<td>1212</td>
<td></td>
<td>on pier</td>
</tr>
<tr>
<td>Lu- derrick</td>
<td>34-21</td>
<td>4</td>
<td>119-25</td>
<td>1399</td>
<td></td>
<td>on pier</td>
</tr>
<tr>
<td>Hon- derrick</td>
<td>34-21</td>
<td>23</td>
<td>119-25</td>
<td>1526</td>
<td></td>
<td>on pier</td>
</tr>
<tr>
<td>Abe- w.w on seawall</td>
<td>34-21</td>
<td>536</td>
<td>119-25</td>
<td>1059</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sel- w.w on seawall</td>
<td>34-21</td>
<td>742</td>
<td>119-25</td>
<td>1458</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cut- derrick on detached pier</td>
<td>34-20</td>
<td>1755</td>
<td>119-26</td>
<td>523</td>
<td></td>
<td>recoverable</td>
</tr>
<tr>
<td>Bel-outer gab. white restaurant on beach</td>
<td>34-21</td>
<td>1252</td>
<td>119-26</td>
<td>1180</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stuk-sw cor ho. on beach</td>
<td>34-21</td>
<td>1565</td>
<td>119-26</td>
<td>1430</td>
<td></td>
<td></td>
</tr>
<tr>
<td>School- N.W. cor Punta Gorda Sch.</td>
<td>34-22</td>
<td>52</td>
<td>119-27</td>
<td>36</td>
<td></td>
<td>recov. and shows well</td>
</tr>
<tr>
<td>Wal- w.w on wall</td>
<td>34-22</td>
<td>823</td>
<td>119-27</td>
<td>627</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nit- w.w on west end of seawall</td>
<td>34-22</td>
<td>1062</td>
<td>119-28</td>
<td>432</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
List of PT pos. to accomp. Sheet C page 2

<table>
<thead>
<tr>
<th>Item</th>
<th>X</th>
<th>Y</th>
<th>Z</th>
<th>W</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tin-large flagpole</td>
<td>34-22</td>
<td>680</td>
<td>119-28</td>
<td>593</td>
<td>recoverable</td>
</tr>
<tr>
<td>Top-top of scar</td>
<td>34-22</td>
<td>1047</td>
<td>119-28</td>
<td>729</td>
<td>elev 160 top</td>
</tr>
<tr>
<td>Rid -w. end hiway bridge</td>
<td>34-22</td>
<td>1211</td>
<td>119-28</td>
<td>1203</td>
<td></td>
</tr>
<tr>
<td>Sig-R.R. Block</td>
<td>34-22</td>
<td>1617</td>
<td>119-29</td>
<td>114</td>
<td>elev 70 top</td>
</tr>
<tr>
<td>Der-derrick</td>
<td>34-22</td>
<td>1685</td>
<td>119-29</td>
<td>631</td>
<td></td>
</tr>
<tr>
<td>Al-alum. tank</td>
<td>34-23</td>
<td>24</td>
<td>119-29</td>
<td>527</td>
<td>el 160 w. one of group of 3</td>
</tr>
<tr>
<td>Box-outer of double block</td>
<td>34-23</td>
<td>124</td>
<td>119-29</td>
<td>819</td>
<td>recov.</td>
</tr>
<tr>
<td>Kid-w.w.</td>
<td>34-23</td>
<td>193</td>
<td>119-30</td>
<td>28</td>
<td></td>
</tr>
<tr>
<td>Wat-water tower</td>
<td>34-23</td>
<td>323</td>
<td>119-30</td>
<td>817</td>
<td>recov</td>
</tr>
<tr>
<td>Bol.- old boiler</td>
<td>34-23</td>
<td>484</td>
<td>119-30</td>
<td>1150</td>
<td>outer face</td>
</tr>
<tr>
<td>Gab-outer gable w. end large wh. club ho.</td>
<td>34-23</td>
<td>740</td>
<td>119-31</td>
<td>119</td>
<td>recov.</td>
</tr>
<tr>
<td>Bon-large flagpole on bath. beach</td>
<td>34-23</td>
<td>1144</td>
<td>119-31</td>
<td>668</td>
<td>recov.</td>
</tr>
<tr>
<td>Bug. outer face sma. ho.</td>
<td>34-23</td>
<td>1323</td>
<td>119-31</td>
<td>1000</td>
<td></td>
</tr>
<tr>
<td>Tal-high wh chy with 3 pots on english ho.</td>
<td>34-23</td>
<td>1483</td>
<td>119-32</td>
<td>52</td>
<td>recov.</td>
</tr>
<tr>
<td>Status</td>
<td>Name on Survey</td>
<td>Name on Chart</td>
<td>New Names in local use</td>
<td>Names assigned by Field</td>
<td>Location</td>
</tr>
<tr>
<td>--------</td>
<td>----------------------</td>
<td>---------------</td>
<td>------------------------</td>
<td>-------------------------</td>
<td>----------</td>
</tr>
<tr>
<td>✔</td>
<td>Sand Point</td>
<td>Same</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>✔</td>
<td>Carpinteria</td>
<td>&quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>✔</td>
<td>Rincon Point</td>
<td>&quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>✔</td>
<td>Point Gorda</td>
<td>&quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>✔</td>
<td>Conchita del Mar</td>
<td>Punta Gorda</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>✔</td>
<td>Santa Barbara Channel</td>
<td>Same</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>✔</td>
<td>Seacliff</td>
<td>&quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>✔</td>
<td>El Estero</td>
<td>&quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>✔</td>
<td>Carpinteria Creek</td>
<td>&quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>✔</td>
<td>Rincon Creek</td>
<td>&quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Section of Field Records
Review of Topographic Survey 225-4854 (1933)
Sealcliff & Sand Pt., Santa Barbara Channel, California
Survey ed: March 1933

Instructions dated: October 31, 1937 (C.K. Green) 97

Plane Table Survey - Cloth Mounted
Chief of Party: C.K. Green
Survey ed & inked by: H.T. Kelch

1. Conditions of Records

The Descriptive Report is clear and comprehensive and satisfactory covers all matters of importance.

The records conform to the requirements of the Topographic Manual with the following exceptions:

- The important rock outcrops and sinkholes

- The Landmarks野外 Charts were listed in the Descriptive Report and the curve ends

2. Compliance with Instructions for the Project

The survey complies with the instructions.

3. Comparison with Contemporary Survey

Satisfactory junction was made with T-4847. The junction with T-4855 (1933) on the west is good except that there is a discrepancy of about 10 meters in the location of the highway and the railroad.
4. Comparison with Prior Surveys

5. T-1129 (1870)
The high water line of this survey is in good agreement with the present survey.

6. T-1127 (1869)
As noted in the Description Report there is very little difference between the shoreline of this survey and that of the present survey. The marsh area near the western limit is less longer as well as an extension as formerly shown. A few rocks near the low water line were not shown on the prior survey. Also there is a marked difference in the width of the beach to low water; the new survey consistently shows the low water line about 10 meters further out than the previous location.

5. Field Drafting
The field inking is good.

6. Additional Field Work Recommended
No additional field work is required.

7. Preparing Old Surveys
Such far as the topography actually included on the survey in concerned, it supersedes the following surveys for charting purposes:

T-1129 (1869) in part
T-1127 (1869) in part

8. Reviewed by [Signature]
January 1935

[Signature] C K G
Section of Field Records

REVIEW OF TOPOGRAPHIC SURVEY NO. 4854 (1933)

Seacliff to Sand Pt., Santa Barbara Channel, California
Surveyed March, 1933
Instructions dated October 31, 1932 (C. K. Green)

Plane Table Survey - Cloth Mounted

Chief of Party - C. K. Green.
Surveyed and inked by - H. T. Kelsh.


The Descriptive Report is clear and comprehensive and satisfactorily covers all matters of importance.

The records conform to the requirements of the Topographic Manual with the following exceptions:

a. The important rocks awash and sunken rocks were not shown encircled with dots to show that they were well located. The topographer states, however, that such rocks actually were well located by cuts.

2. Compliance with Instructions for the Project.

The survey complies with the instructions.

3. Junctions with Contemporary Surveys.

Satisfactory junction was made with T-4847 (1933). The junction with T-4856 (1933) on the west is good except that there is a discrepancy of about 10 meters in the locations of the highway and the railroad.


a. T-1127 (1869).

As noted in the Descriptive Report there is very little difference between the shoreline of this survey and that of the present survey. The marsh area near the western limit is no longer as wet or as extensive as formerly shown. A few rocks near the low water line were not shown on the prior survey. Also there is a marked difference in the width of the beach to low water; the new survey consistently shows the low water line about 40 meters farther out than the previous location.

b. T-1189 (1870).

The high water line of this survey is in good agreement with the present survey.
5. **Field Drafting.**

   The field inking is good.

6. **Additional Field Work Recommended.**

   No additional field work is required.

7. **Superseding Old Surveys.**

   Insofar as the topography actually included on this survey is concerned, it supersedes the following surveys for charting purposes:

   T-1127 (1869) - in part
   T-1139 (1870) - in part

8. **Reviewed by - A. F. Jankowski.**

   **Supervised by - A. L. Shalowitz.**

**Examined and Approved:**

C. K. Green, **Chief, Section of Field Records.**

[Signature]

F. W. Borden, **Chief, Division of Field Work.**

[Signature]

L. L. Plante, **Chief, Division of Charts.**

[Signature]

F. W. Wade, **Chief, Division of H. & T.**

[Signature]