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

State: California

DESCRIPTIVE REPORT
Topographic | Sheet No. H 4855
Hydrographic

LOCALITY
Santa Barbara Channel
Sand Point to Santa Barbara

1933

CHIEF OF PARTY
Chas. K. Green
Applied to drawing of Chart, May 1936 - C.M.3
PARTY #10

Santa Barbara, Calif.
August 7, 1934.

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

List of data forwarded with Topographic Sheet "H"

Title Sheet
Descriptive Report
5 Description of recoverable topographic stations
1 print, Santa Barbara County Roads, 1st Road District

As mentioned in Descriptive report, all of the oil piers at Summerland, between longitude 119-35 and 119-37, are abandoned and breaking up - They should be shown on the chart as remains of piers only.

Chas. K. Green
Chief of Party
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........... H

REGISTER NO. 4855

State.................. California

General locality........... Santa Barbara Channel

Locality.................... Send Point to Santa Barbara

Scale........... 1:10,000 Date of survey........... April , 1933

Vessel.................. Shore Party

Chief of Party........... C. H. Green

Surveyed by............. Harry T. Kelsh

Inked by.................. Harry T. Kelsh

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

Contour Approximate contour Form line interval.... 50 feet

Instructions dated........October 31, 1932

Remarks:...........................................................................

U. S. GOVERNMENT PRINTING OFFICE 1933
Descriptive Report

to accompany

Topographic Sheet 'H'

N. Shore Santa Barbara Channel
California

INSTRUCTIONS

October 31, 1932

LIMITS AND SCALE

This sheet embraces the north shore of Santa
Barbara Channel from the west limits of Carpinteria to the
east end of Santa Barbara (long. 119°32 W. to 119°40 W. app).

The scale is 1-10,000

GENERAL DESCRIPTION

The strip of shore area embraced on this sheet
is in general a stretch of low, fertile, and highly developed
country, backed by a high ridge of mountains, rising in general
about a mile back from the shore; although the foothills swing
down to the shoreline just east of Summerland, near the middle
of the sheet, and do not swing back again until near the west
end of the sheet.

Where the country is level, or not too hilly the
area has all been placed under cultivation, with numerous orchards,
 chiefly lemon and orange, with numerous extensive estates, and
the whole waterfront has been lined with large summer homes and
resort hotels, except for the one mile stretch near the center
of the sheet (119°50 W.) where the small town of Summerland rises
from the shoreline.

Beginning at the east end of the sheet we find a
nearly straight strip of sand beach which has developed under the
name of Sandyland with a single row of large houses. This section
of shoreline is practically flat except for a few small dunes.

West of this beach the shore rises gradually into a
steep cliff with maximum elevation of 100 ft. near Signal Loon,
then drops off as we approach Summerland, with the cliff line ris-
ing again in front of Ortega Hill. This small stretch in front of
Summerland marks the original development of offshore oil wells,
and the shoreline is dotted with derricks as shown on the sheet.
Most of these were shallow wells, the derricks were small, and
most are now abandoned. The piers and derricks are falling down,
and the piers will soon be gone.

West of Ortega Hill the section is known as Montecito.
The shore area is fairly level and covered with large homes, placed
either facing the beach or in groves of surrounding trees.

MAP OF THIS SECTION ON LARGE SCALE SHOWING ALL ROADS
ATTACHED.
The Coast Highway is shown just back from the shore and extending the full length of the sheet, with the Southern Pacific Railroad paralleling it.

The whole shoreline is sand beach, or where cliffs mark the shoreline, sand beach at the base of the cliffs; with occasional patches of rubble as shown.

**SPECIAL NOTES**

There are no offshore dangers except the ledge shown at the east end of the sheet with tip being 6' at zero tide extending 400 fathoms offshore [SW true] from signal Hill [described also on next topo. sheet to eastward, sheet G].

**LANDMARKS**

The Richfield sign. A high skeleton tower, 120 ft. high standing on the seaward side of the Coast Highway just west of Carpinteria, with word Richfield spelled vertically in neon tubing. This was lighted until 1933, and was very conspicuous at night. At present however, it is not lighted.

Ortega Hill, just west of Summerland, with its cliff like face, is quite prominent.

The Biltmore Hotel is a large rambling structure of white stucco on the shore a mile east of Santa Barbara; and is easily recognizable inshore, although of no particular value for offshore vessels.

**CONTROL**

The triangulation stations are spaced evenly along or near the beach at approximately two mile intervals. The work was a series of short traverses. No adjustment necessary.

The tip of the offshore ledge at the east end of the sheet was located by plane table cuts.

**GEOGRAPHIC NAMES**

The town of Summerland is a new name since the last complete survey, but appears on the present chart.

Sandland is the name of the small beach area just west of the Carpinteria swamp.

As mentioned in reports accompanying other sheets of the adjacent coast area the tendency is to drop the longer Spanish names for the small rainy weather creeks, and arroyos [see accompanying large scale plat of the Huntecito district]. With the development of the country the value of naming these creeks, etc becomes of much less importance, as the tendency is to fill up the small depressions and turn the ore ks, which amount in most cases to surplus water vents, into actual drains.
CHANGES IN SHORELINE

The shoreline remains practically unchanged from the position shown on the previous work. The creek mouth from the swamp west of Carpinteria has shifted 150 meters to the westward.

CONTOURS

The contouring on this area was done at the time of the original work by occupying all the hilltops and with many intermediate set ups. The work was well done in detail.

The sheet showing the original work was carried along in the field, and checked for apparent discrepancies. For this reason the contours are inked in on sheet H only for the area actually covered in the field work, with such elevations to peaks back from the shore as could be obtained without occupying the summits.

[Signature]

Approved

[Signature]

Chief of Party
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## California Geographic Names

**Survey No.** T 4855  
**Chart No.** 5261-5202  
**Diagram No.** 5202

Approved by the Division of Geographic Names, Department of Interior. ✗

Referred to the Division of Geographic Names, Department of Interior. R

Under investigation. Q

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Section of Field Records

REVIEW OF TOPOGRAPHIC SURVEY NO. 4855 (1933)

Sand Point to Santa Barbara, Santa Barbara Channel, California
Surveyed: April, 1933
Instructions dated: October 31, 1932

Plane Table Survey

Chief of Party — C. K. Green.
Surveyed and Inked by — H. T. Kelsh.

Cloth Mounted


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:

Although the topographer stated that offshore sunken and awash rocks were located by several cuts, they were not so indicated by encircling with dots.

2. Compliance with Instructions for the Project.

The survey complies with the instructions.

3. Junction with Contemporary Surveys.

Satisfactory junctions were made with T-4848 (1933) on the west and with T-4854 (1933) on the east.


a. T-1128 (1869).

A comparison of this survey with the present survey shows good agreement except where changes have occurred. The mouth of the creek at Sand Point has shifted about 150 meters to the west. The shoreline is now eroded about 20 meters in the vicinity of Montecito. Also the prior topographic survey does not show the rocks awash which lie off Sand Point.

5. Field Drafting.

The field inking is satisfactory.

6. Additional Field Work Recommended.

The shoreline survey is complete and the contours are well tied into the former survey. No additional field work is required.
7. **Superseding Old Surveys.**

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

T-1128 (1869) in part.


Examined and approved:

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

F. B. Tilden, Chief, Section of Field Work.

L. O. Elliott, Chief, Division of Charts.

Chief, Division of H. & T.