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

State: California

DESCRIPTIVE REPORT
Topographic Sheet No. D 4824

LOCALITY
Santa Barbara Channel
Vicinity of Santa Clara River.

1933

CHIEF OF PARTY
G.K. Green.
Applied to drawing of Chart 5 - Feb - May 1936 - R.M.Z.
Applied to compilation from Chart 5007 - Aug 21, 1950 - P.B.C.
DESCRIPTIVE REPORT TO ACCOMPANY SHEET D
Coastline Santa Barbara Channel, from north end Silver Strand (lat. 34-10-20) to southern limits of Ventura (lat. 34-16); under instructions dated October 31, 1932.

General Description

This sheet embraces the general vicinity of the Santa Clara River district.

The shoreline consists of a nearly straight sand beach extending in a general N by W (true) direction, and broken only by the mouth of the Santa Clara River in the wet season of the year. In dry weather this river mouth is practically or wholly closed. At the time of the survey (Jan-Feb 33) a steady shallow stream about 25 ft. wide was flowing as shown, but when place was visited in October for additional notes on recent developments the mouth was closed.

With the exception of the pier at Pierpont Bay, north limit of sheet there has been no artificial changes along the shoreline. While the country between the inner line of sand dunes and the shore has not been developed it is probable that in time summer resorts with development similar to that shown on sheet B (Hueneme district) will extend from the present limits to the Ventura additions along this whole stretch of beach.

The country in general is practically flat, the 50 ft. contour ranging from 2 to 3 or more miles back from the coast, except at Ventura.

A low line of sand dunes 6-12 ft high extends along the shoreline from the south limits of the sheet to the Santa Clara River. Flat sand lies between this and another higher inshore ridge, reaching 30 ft. in places and running parallel to the coast about 1/3 mile inshore, ending at the McGrath Dairy as a north limit.

Behind this ridge the whole country has been developed into a continuous series of fields all intensely cultivated; with the elimination of the woods shown on previous survey.

The roads have all been straightened out into first class paved or dirt roads running true north and south or east and west.

Special Notes

Near the south end of the sheet a long drainage ditch (which extends to Hueneme) has drained the salt pond shown on the former work (location lat. 34-11-35 long. 119-14-00, although the general shape as a dry hole is still apparent.

Santa Clara River. Since this survey a temporary road marked (a) on topographic sheet has been laid across the now dry mouth of the river and work is in progress on a permanent road, marked (b) connecting Ventura with Mandalay beach which will cross river as shown. Proposed center line for river is also shown. See Ventura County sheets #1 and #2 attached.

About 1/2 miles north of the Santa Clara River we reach the south limit of present development of the Ventura additions, called Pierpont Bay. All present streets and houses are shown. Due
to lack of development the streets at the south end of this section have been buried in the sand. On the bluff behind this section the present east limits of Ventura is shown. The official name of this city is San Buenaventura, but the city is almost universally known as Ventura, and it so appears on the chart.

Landmarks

Owing to the flatness of the country, and the ridge of dunes, and to the fact that there has been little building of artificial objects there are few prominent objects of any kind. A group of 3 white silos (sig. Uno and Sig. Tra are two of these) is located about a mile north of the south limits of the sheet, and the tops are visible over the sand dunes. At McGrath's Dairy, 1 3/4 miles to the north, the largest and outer one of the white silos is fairly conspicuous.

Control

The control for this topographic sheet was exceptionally good, with 3 triangulation stations evenly spaced along the shore, and with the above mentioned silos accurately cut in by plane table the work allowed a combination of traverse and graphic triangulation that eliminated any need for adjustment.

New Names

Mandalay Beach (as shown) Name is well established although building has not started.
Pierpont Bay (as shown at north limit of sheet. Shown in detail on Ventura sheet scale 1-5000) See map of San Buenaventura attached to O.K. of Top. 4817

Changes in Shoreline.

There has been apparently a gradual and uniform building out of the beach commencing at about Lat. 34-11 up to which point the shoreline remains the same.
At 34-12 the extension is 25 M.
At 34-13 50 M.
At 34-15 125 M.
At Pierpont Bay Pier (north limit of sheet) 180 M.

Submitted by Harry T. Kelsh, Surveyor.

Approved by Chas. K. Green, Chief of party.
PLANE TABLE POSITIONS TO ACCOMPANY SHEET "D"

*RECOVERABLE POSITIONS

<table>
<thead>
<tr>
<th>Object and description</th>
<th>Latitude</th>
<th>D.M.</th>
<th>Longitude</th>
<th>D.P.</th>
<th>Height</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>TIP - banner</td>
<td>34-10</td>
<td>1221</td>
<td>119-14</td>
<td>206</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TRI - tripod</td>
<td>34-11</td>
<td>472</td>
<td>119-14</td>
<td>692</td>
<td></td>
<td></td>
</tr>
<tr>
<td>*TRA - silo</td>
<td>34-11</td>
<td>674</td>
<td>119-14</td>
<td>87</td>
<td>35 ft</td>
<td>S. western of 3 silos</td>
</tr>
<tr>
<td>*UNO - silo</td>
<td>34-11</td>
<td>752</td>
<td>119-14</td>
<td>66</td>
<td>35 &quot;</td>
<td>northern of 3 silos (also form 524)</td>
</tr>
<tr>
<td>STUC - small house</td>
<td>34-11</td>
<td>1549</td>
<td>119-14</td>
<td>695</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MAN - &quot; &quot;</td>
<td>34-11</td>
<td>1589</td>
<td>119-14</td>
<td>1215</td>
<td></td>
<td>west face</td>
</tr>
<tr>
<td>MILL - windmill</td>
<td>34-12</td>
<td>1655</td>
<td>119-14</td>
<td>1491</td>
<td></td>
<td></td>
</tr>
<tr>
<td>*DAR - silo</td>
<td>34-13</td>
<td>366</td>
<td>119-14</td>
<td>1377</td>
<td>35 ft</td>
<td>western of 2</td>
</tr>
<tr>
<td>*NOT - pole</td>
<td>34-13</td>
<td>805</td>
<td>119-15</td>
<td>838</td>
<td></td>
<td>[also form 524 herewith]</td>
</tr>
<tr>
<td>ACD - banner</td>
<td>34-13</td>
<td>1382</td>
<td>119-15</td>
<td>1067</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RIV - banner</td>
<td>34-14</td>
<td>471</td>
<td>119-15</td>
<td>1339</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CUP - barn</td>
<td>34-14</td>
<td>1413</td>
<td>119-15</td>
<td>370</td>
<td>30 ft</td>
<td>cupola</td>
</tr>
<tr>
<td>*TANK - water tank</td>
<td>34-15</td>
<td>99</td>
<td>119-15</td>
<td>572</td>
<td>20 ft</td>
<td></td>
</tr>
<tr>
<td>HOW - House</td>
<td>34-15</td>
<td>615</td>
<td>119-16</td>
<td>160</td>
<td>24 ft</td>
<td>chimney</td>
</tr>
<tr>
<td>GAB - house</td>
<td>34-15</td>
<td>991</td>
<td>119-16</td>
<td>394</td>
<td>24 ft</td>
<td>S.W. gable</td>
</tr>
<tr>
<td>*ALL - flagpole</td>
<td>34-15</td>
<td>1273</td>
<td>119-16</td>
<td>836</td>
<td>10 ft</td>
<td>end of pier</td>
</tr>
</tbody>
</table>

Scaled by H.T.K.  Checked by S.L.U.
Mr. Ellis

Top sheets 4817 and 4824
Hyd sheets 5-419 and 5-420
On those four sheets
found the name Pierpont and
Pierpoint Bay. The latter is the
correct name.

H. Bacon

The original note is filed with T4817

C.R. Bohn

Oct. 5, 1934
Topographic sheet "D", submitted herewith, has been inspected and approved by me, together with data listed below.

List of data forwarded with Topographic Sheet "D"

- Title sheet
- Descriptive Report
- Plane table positions
- Description of recoverable Topographic station
- 2 prints showing shore road

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

D

REGISTER NO. 4824

State: California

General locality: Santa Barbara Channel

Locality: Vicinity of Santa Clara River.

Scale: 1/10,000

Date of survey: Jan-Feb 1933

Vessel:

Chief of Party: C. K. Green

Surveyed by: Harry T. Kelsh

Inked by: Harry T. Kelsh

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

Contour Approximate contour line interval: 50 feet

Instructions dated: October 31, 1932

Remarks:
<table>
<thead>
<tr>
<th>Status</th>
<th>Name on Survey</th>
<th>Name on Chart</th>
<th>New Names in local use</th>
<th>Names assigned by Field</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Santa Barbara Channel</strong></td>
<td>Same</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>City of San Buenaventura</strong></td>
<td>Ventura</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Santa Clara River</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Pierpont Bay</strong></td>
<td><strong>Pierpont Bay</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Note: The other names on this sheet inked in by the field party are proposed real estate developments and as such are not eligible for designation as yet.
Section of Field Records

REVIEW OF TOPOGRAPHIC SURVEY T-4824 (1933)

Vicinity of Santa Clara River, Santa Barbara Channel, California
Surveyed January - February 1933
Instructions dated October 31, 1932

Chief of Party - C. K. Green.
Surveyed by - Harry T. Kelsh.
Inked by - Harry T. Kelsh.

1. **Condition of Records.**

The records are complete. The only departure from the Topographic Manual is the notes regarding land features, which are shown in slanting letters.

2. **Compliance with Instructions for the Project.**

The survey complies with instructions.

3. **Junctions.**

T-4817 (1933), T-4823 (1932 & 1934). The junctions were checked and found to be good.

4. **Comparison with Prior Surveys.**

T-1190 (1870). About 1 mile of shoreline is common to the two surveys. The shoreline has extended seaward an average of 150 meters since the 1870 survey.

T-683 (1855). There is a lack of control on the old survey which could be tied in with the present survey. However, it appears that there has been a general building out of the shoreline.

T-576 (1855). The agreement between this survey and the southern end of the present survey is good.

5. **Field Drafting.**

The field inking of the survey is good.

6. **Additional Field Work Recommended.**

The survey is complete and no additional work is necessary.

7. **Superseding Old Surveys.**

Within the area covered the present survey will supersede the following for charting purposes:
T-576 (1855) in part
T-683 (1855) " "
T-1190 (1870) " "


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

Fred. R. Peacock
Chief, Section of Field Work.

R. F. Rollins
Chief, Division of Charts.

Chief, Division of H. & T.