

4823

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Form 504
Ed. June, 1928

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

State: California

DESCRIPTIVE REPORT

Topographic } Sheet No. B 4823
~~Hydrographic~~

LOCALITY

Santa Barbara Channel

Euenene and Vicinity.

1932-34

CHIEF OF PARTY

C. K. Green

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REG. NO. 823

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 BREGISTER NO. 4823State CaliforniaGeneral locality Santa Barbara ChannelLocality Hueneme and vicinityScale 1-10,000 Date of survey Dec-1932 Jan-1934, 19Vessel Shore partyChief of Party C. K. GreenSurveyed by Harry T. KelshInked by Harry T. KelshHeights in feet above H.W. to ground to tops of trees

Contour Approximate contour Form line interval _____ feet

Instructions dated Oct 31, 19 32

Remarks: _____

Descriptive Report to Accompany
Topographic Sheet 'B'
Instructions dated October 31, 1932.

Limits

This sheet embraces the north shore of Santa Barbara Channel from 119-08 to 119-14 W. and includes the west end of the swamp at Mugu Lagoon to the west limits of the summer colonies which lie just west of Hueneme.

General Description

The town of Hueneme lies near the middle of this sheet dividing it into two sections. East of this town the country has remained in an undeveloped state except for the fact that farming has increased and developed this area for truck farming. As a result small swamps and sloughs have been filled in, and the farm land pushed out towards the coast, in turn tending to dry up the small ponds lying behind the sand dunes along the coast.

At the east end of the sheet the swamp area at Mugu Lagoon remains practically as shown on the previous work.

Hueneme is a town of a few hundred people. It lies back from the shore, with a road down to the one pier used for shipping. The first two streets were run in, and the rest of the town (shown by dashed lines) added from an air map available, and accurately represents the present limits of the town.

From Hueneme west the beach area has been developed into a series (continuous) of summer resorts--Silver Strand, Hollywood by the Sea, Hollywood Beach--- extending to the west limits of the sheet. The high ridge of sand dunes lying about a quarter mile inshore and shown on the previous work, remain substantially the same. Behind this ridge a long drainage ditch parallels the coast, draining into the sea just west of the Hueneme Lighthouse. This has completely eliminated the ponds previously shown, and the whole area has been developed into farming country.

The whole area on this sheet is a part of the Santa Clara River valley and is completely flat.

Shoreline

The whole shoreline on the sheet is a continuous sand beach, nearly straight except for a small bend just west of Hueneme.

A ridge of dunes lies close to the beach, ranging in elevation from 6 - 12 ft from Mugu to Hueneme. West of the summer resorts the ridge is much higher and lies well back from the shore, with low scattered dunes between the beach and the ridge.

Special Notes.

The large offshore submarine valley extends in to the shore just west of the Hueneme Lighthouse and at this place the landlocked harbor is planned. Except for the projecting breakwaters this should not affect the shoreline shown, but the basin will eliminate probably the pond shown west of the town.

Control

The triangulation control together with a number of natural objects back from the beach was adequate to eliminate any long traverses, except for a 2 mile traverse at the west end of the sheet. This checked as to distance. A small error in azimuth (10 meters) at w. end) was corrected by swinging the shoreline that amount. No other corrections were necessary.


Changes in Shoreline

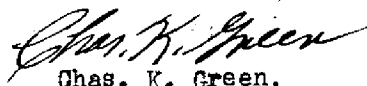
The shoreline east of Hueneme has remained practically as shown on the previous work. At the east limit (119-08) the shoreline is now 30 meters farther out, while at Signal Arnold (119-09-30) it has washed away for about the same amount. A mile further west it checks with the old work.

The shoreline in front of the beach resorts from Hueneme west remains the same. A small amount of sand appears to have washed in at the bend of the shore where the Lighthouse is located extending the beach about 30 meters here, very flat and storm washed.

Contours

The whole area is absolutely flat with the exception of the sand dunes (see notes referring to the average heights of these on the topo. sheet).


Submitted by Harry T. Kelsh,
Surveyor.


Approved by Chas. K. Green,
Chief of Party.

Geographic Names

Ormond Beach no longer in existence. "Chart corrections" to be submitted by this party include "Ormond Beach to be stricken from Chart 5202".



Plane Table Positions to accompany Sheet "B"

*Recoverable Positions

Object and description	Latitude	D.M.	Longitude	D.P.	Height	Remarks
FEN - banner	34-06	826	119-08	744		
KU	34-06	1771	119-08	979	10 ft	red shack
MID	34-07	235	119-09	849 689	50 "	wooden sig.
LONE	34-07	1621	119-08	1215	40 "	lone high tree
BAR	34-07	1697	119-09	564		S. gable barn
GRA	34-08	668	119-10	413		do
SEW	34-07	1639	119-10	943		outer end sewer pipe
*RUS - large tank	34-08	958	119-11	804		(also form 524 herewith)
*BLACK - black stack	34-08	1017	119-11	722	25 ft	
TIDE	34-08	885	119-12	203		SE corner pier
*MAG - S Radio Mast	34-08	1312	119-12	295		(also form 524 submitted with Sheet T - B2)
PIPE	34-08	1340	119-12	1129	8 ft	drainage outlet
LIFE	34-08	1676	119-12	1381	12 "	life guard pole
SAN	34-09	671	119-12	1433		banner
PIP - yellow house	34-09	550	119-13	333	18 ft	finial
VOX - loud speaker pole	34-09	878	119-13	657	10 ft	southerly of 3
RED - red house	34-09	1216	119-13	663		finial
*ARCH - W. arch pillar	34-09	1236	119-13	843		(also form 524 herewith)
RAD - radio mast	34-09	1670	119-13	1090		atop buff house

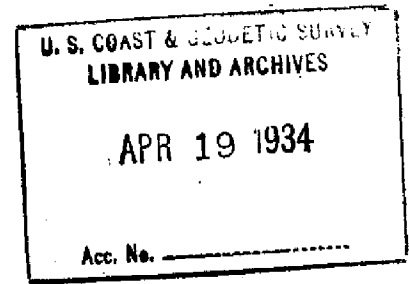
*Corrected by request of
C.K. Green - Letter May 1, 1934.*

*Recoverable positions

Object and description	Latitude	D.M.	Longitude	D.P.	height	Remarks
BAL - flagpole	34-10	101	119-13	1237		on yellow house
GREEN	34-10	400	119-13	1397		NW corner green building
BUZ	34-10	403	119-13	1406	12 ft	life guard pole
*END	34-10	984	119-14	135		NW corner end house
TIP	34-10	1221	119-14	206		banner

Scaled by S.L.U.

Checked by F.W.G.




PARTY #10

Santa Barbara, Calif.
April 10, 1934.

Topographic sheet "B", submitted herewith, has been inspected and approved by me, together with data listed below.

List of data forwarded with Topographic Sheet "B".

Title sheet
Descriptive Report
Plane table positions
2 Description of recoverable Topographic station


Chas. K. Green,
Chief of party.

Date April 8, 1935

GEOGRAPHIC NAMES

Survey No. T 4823Chart No. 5202Diagram 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

Status	Name on Survey	Name on Chart	New Names in local use	Names assigned by Field	Location
	<u>Hollywood Beach</u>		Same		
	<u>Hollywood by the Sea</u>		"		
	<u>Silver Strand</u>		"		
✓	<u>Point Hueneme</u>	Same			
	<u>Hueneme</u>	"			
	<u>Santa Barbara Channel</u>	"			
	Note: There is no evidence to support the existence of Ormond Beach. This name should be deleted from our charts.				
	Note: According to the Pacific Coast Pilot the Santa Barbara Channel begins at Point Hueneme and extends westward for 66 miles. The name on this sheet is slightly to the eastward of its correct position.				

Section of Field Records

REVIEW OF TOPOGRAPHIC SURVEY T-4823 (1932 & 1934)

Hueneme and Vicinity, Santa Barbara Channel, California
Surveyed December 1932 and January 1934
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 conform to the requirements of the Topographic Manual with the following exceptions:

Slanting lettering was used for notes regarding land features, whereas the requirement is for vertical lettering for all objects which do not cover at high water.

2. Compliance with Instructions for the Project.

The survey complies with instructions in every respect.

3. Junctions.

Satisfactory junctions were made with T-4816 (1934) and with T-4824 (1934).

4. Comparison with Prior Surveys.

a. T-576 (1855).

The agreement in the shoreline is good, except that there appears to have been a small amount of building out notably at Heuneme Pt. where the high water line is 45 m. farther south. In about latitude 34°10', the shore seems to have receded about 30 meters. Inshore changes due to development of the area are fully treated in the Descriptive Report.

b. T-893 (1857).

The shoreline appears to have receded about 30 meters.

5. Field Drafting.

The field inking of the survey is good.

6. Additional Field Work Recommended.

No additional field work is required.

7. Superseding Prior Surveys.

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

T-576 (1855) in part
T-893 (1857) " "

8. Reviewed by - A. F. Jankowski, March 1935.

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

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

L. O. Solbert
Chief, Division of Charts.

Grude
Chief, Division of H. & T.

Applied to drawing of Chart 5202 - Mar 1936 R.M.J.
Applied to compilation Chart 5207 - Aug. 24. 1944 P.B.L.