

4231

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Form 504	
DEPARTMENT OF COMMERCE	
U. S. COAST AND GEODETIC SURVEY	
....., Director	
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State: California	
DESCRIPTIVE REPORT	
Topographic Hydrographic	Sheet No. 4231
LOCALITY	
Carquinez Strait	
Benicia and Martinez	
1926	
CHIEF OF PARTY	
P. C. Whitney	

GOVERNMENT PRINTING OFFICE

DESCRIPTIVE REPORT

To accompany topographic sheet of Carquinez Straits, California .

Instructions of July 2, 1926.

A Topographic revision was made of that section shown on photostat of topographic 1696b (enclosed). This work was done between December 11, and December 28, 1926.

CONTROL:

Numerous triangulation stations were recovered within the limits of the sheet, furnishing excellent control. No closing errors were experienced. The scale is 1:10,000. It will be noted that the triangulation station Grove is plotted in error on the photostat. Although the sheet was seasoned before being projected it has contracted about 4 meters per minute North and South, and 9 meters per minute East & West.

SHORE LINE:

It was thought advisable to completely rerun the shore line, on account of changes noted as follows:

The Old Associated Oil Dock at Suisun Point is gone and replaced by a new one 450 meters to the NE.

Part of the Tule flat has been reclaimed where the Shell Oil Dock crosses the high water line.

Grangers Wharf is in a dilapidated condition and therefore shown with broken line on topo. sheet.

The Nevada Docks at Port Costa Brickworks are gone, a few old pilings are still in evidence.

The Yerba Dock has been burnt and charred piling only remain.

GENERAL:

The sheet is complete between low water and the railroad tracks on both sides of the Straits. No important changes were noted in the town of Benicia, California.

The topography on this sheet was done by E.A. Deily, and this report was made up from notes left by him.

Submitted by

Walter J. Chovan

Approved by
Paul J. Whitney
Chief of Party C. & G. S.

CARQUINEZ STRAITS - CALIFORNIA.

PLANE-TABLE POSITIONS.

1926						
Objects and Descriptions	Lat.	D. M.	Longi- tude.	D. P.	Height.	Remarks.
Dolphin, N.W. S.P. S.P. Ferry slip, Benicia.	38°-02 ⁸	1479	122-10	124	15	Painted white on outside face. Has light upon it.
C.L. Western Union Cable Crossing Sign.	38-02	1327	122-09	1450	20	Of structural steel frame work-placed on the narrow piles of the S.P. Ferry Slip
C.L. Cable Crossing Sign Benicia.	38-02	1125	122-09	1146	7	Wooden board sign on eastern-most islet near S.P. Ferry Slip.
C.L. Cable Crossing Sign, S. side Carquinez Straits.	38-02	567	122-10	658	15	Board sign 110 meters S. of the Associated Oil Dock near Port Costa.
(Yel) Yellow Oil tank. Shell Oil Plant, Benicia.	38-02	1156	122-09	105	30	On shore end of the Martinez-Benicia Ferry Slip.
U.S.E. Harbor Line	38-01	1738	122-10	332	10	645 m. S.E. of Port Costa Brick works. Cap set in concrete post flush with surface of ground. letters on cap as noted.
T.L.S. 32 C.H.M.	38-01	1509	122-10	209	5	220 m. NNW from signal Dope. Bronze plug set in concrete post flush with surface of ground and letters as noted.
U.S.C. & G.S.	38-01	795	122-09	342	10	550 m. NW. from signal Grove. Bronze plug set in concrete flush with surface of ground. Concrete bears the letters as noted.
Tank, Black Shell Oil Dock.	38-01	1685	122-07	1190		Old hydrographic sig.

CARQUINEZ STRAITS.*- CALIFORNIA.

PLANE-TABLE

POSITIONS. CONT'D.

Object and Des- criptions.	Lat.	D.M.	Longi- tude	D.P.	Height	Remarks.
Dolphin.	38-02	120	122-07	703	15	Between Asso- ciated Oil & Shell Oil Docks.
Stack, Black Veneer Mill, Martinez.	38-01	395	122-08	549		Black stack of the power house.

copy / r.u.k.

IN REPLY ADDRESS THE DIRECTOR
U. S. COAST AND GEODETIC SURVEY
AND NOT THE SIGNER OF THIS LETTER

AND REFER TO NO. 11-DEM

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

WASHINGTON

April 14, 1927.

SECTION OF FIELD RECORDS

Report on Topographic Sheet 4231

Benicia and Carquinez, California

Surveyed in 1926

Instructions dated July 2, 1926 (Inspector, San Francisco)

Chief of Party, P. C. Whitney.

Surveyed and inked by P. C. Deiley.

1. The records conform to the requirements of the General Instructions.
2. The plan and character of the survey conform to the requirements of the General Instructions.
3. The character and extent of the survey satisfy the specific instructions.
4. The shoreline at Suisun Pt. differs from that shown on T. 4023, surveyed in 1922, by 18 meters. As improvements appear to have been made in this locality recently, the difference is probably due to this cause.
5. No additional surveying is needed.
6. The character and scope of the surveying are excellent. The field drafting is excellent except in one respect -- the projection lines are one-half millimeter thick.
7. Reviewed by E. P. Ellis, April, 1927.

Approved:


Chief, Section of Field Records (Charts)


Chief, Section of Field Work (H. & T.)

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

REG. NO.
4231

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.

REGISTER NO. **4231**

State CALIFORNIA.

General locality ~~CONTRA COSTA COUNTY~~ Carquinez Strait

Locality ~~CARQUINEZ STRAITS~~ Benicia and Martinez

Scale 1:10,000 Date of survey Dec. 11 to 28, 1926

Vessel SHORE PARTY.

Chief of Party Paul C. Whitney.

Surveyed by Earl A. Daily

Inked by Earl A. Daily

Heights in feet above High Water to ground ~~XXXXXX~~

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

Instructions dated July 2., 1926

Remarks: Revision of Benicia and Martinez water fronts.

Attached.

GPO

Descriptive Report. Plane table positions.