

5949

Diag'd. on Diag. Ch. No. 5534

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Topographic

Field No. 262 Office No. T-5949

LOCALITY

State California

General locality Suisun Bay

Locality Cordelia and Vicinity

194 3

CHIEF OF PARTY

R.G.Cresby

LIBRARY & ARCHIVES

DATE April 13 - 1949

B-1870-1 (1)

5949

DATA RECORD

T-5949

Quadrangle (II):

Project No. (II): 262

Field Office: San Francisco, Calif. Chief of Party: L. D. Graham

Compilation Office: Tampa, Fla. Chief of Party: K. G. Crosby

Instructions dated (II III): Sept. 4, 1941 Copy filed in ^{Div. of Photogrammetry} ~~Office Files~~ ^{Descriptive} ~~Report No. T-~~ (VI)

Completed survey received in office: 21 June, 1943

Reported to Nautical Chart Section:

Reviewed: 22 Fe. 1948 Applied to chart No. 5534 Date: July, 1943

Redrafting Completed:

Registered: ^{March} ~~Feb.~~ 1949

Published: Jan. 1949

Compilation Scale: 1:10,000

Published Scale: 1:10,000

Scale Factor (III): 1.00

Geographic Datum (III): N.A. 1927 Datum Plane (III): ~~M.S.L.~~ ^{H.W.}

Reference Station (III): Thomaston, 1922

Lat.: 38° 13' 02." 155 (66.45m) Long.: 122° 06' 52.322 (1272.84m) Adjusted
~~Unadjusted~~

State Plane Coordinates (VI): ^{Calif.} 2 Zone
 (Not Available)

X =

Y =

Military Grid Zone (VI)

PHOTOGRAPHS (III)

<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
6343	9/3/41	12:00	1:10,000	No tide
6344	"	12:01	"	"
6345	"	12:02	"	"
6346	"	12:03	"	"
6359	"	12:19	"	"
6360	"	12:20	"	"
5567	5/8/41	1:00	"	"
5568	"	1:01	"	"

Tide from (III): No tide

Mean Range:

Spring Range:

Camera: (Kind or source) U.S.C & G.S. 9 Lens (8 $\frac{1}{4}$ " focal length)

Field Inspection by: W.C. Russell

W.J.Choran

date: 1942

Field Edit by: None

date:

Date of Mean High-Water Line Location (III): Date of photographs

Projection and Grids ruled by (III) (W.D.H.) (C.H.R.) (Wash. office) date: 12/2/42

" " " checked by: J. C. O'N. date: 12/2/42

Control plotted by: Rudolph Dossett, Prin. Photo. Aid date: 12/8/42

Control checked by: P. G. Gill, Photo. Aid date: 12/8/42

Radial Plot by: Tampa office personnel date: 12/19/42

Detailed by: Ben O. Bryant, Sr. Photo. Aid. date: 12/28/42

Reviewed in compilation office by: J. A. Giles, Asst. Photo. Engr. date: May 1943
A.L. Kidwell, Jr. Topo. Engr.

Elevations on Field Edit Sheet
checked by: _____

date:

STATISTICS (III)

Land Area (Sq Statute Miles): 17.5

Shoreline (More than 200 meters to opposite shore): none

Shoreline (Less than 200 meters to opposite shore): 28.75

Number of Recoverable Topographic Stations established: 4

Number of Temporary Hydrographic Stations located by radial plot: none

Leveling (to control contours) - miles:

Roman numerals indicate whether the item is to be entered by, (II) Field Party, (III) Compilation Party, or, (VI) the Washington Office.

When entering names of personnel on this record give the surname and initials (not initials only).

Remarks:

NOAENCLATURE FOR FIELD INSPECTION

1 el - double full line road	Pr. - pier
2 el - double dash line road	D. - dock
3 el - single dash line trail	Bo. H. - boathouse
H - house	Is. - island
Ba - barn	W. - water
Bldg - building	Mud - mud or mudd
Tr. - track	Th. - thick
R.R. - railroad	Scr. - scrub
B. - bridge	H.W.L. - high water line
Cul. - culvert	L.W.L. - low water line
O.P. - overpass	Dch. - ditch
Hy. - highway	Pd. - pond
Cr. - creek	Orch - orchard
St. - stream	Vin - vineyard
Int. - intermittent	Ch. - church
C. - cultivation	Can. - canal
F. - fence	Scat. - scattered
M. - marsh	T. - trees
Gr. - grass or grassy	P. - pasture (grass land)
Sw. - swamp	Dec. - deciduous
Br. - brush	Cem. - cemetery
Priv. - private	L.L. - light shore line
Sch. - school	I.S.L. - indefinite shore line
S. - sand	H.L. - heavy shore line
S.L. - shoreline	Bld. - bulkhead

DESCRIPTIVE REPORT
TO ACCOMPANY
SHEET NO. T- 5949

26. CONTROL

Control on this sheet was not adequate to insure a good radial plot. Five triangulation stations appear on this sheet. The following stations could not be consistently held during the radial plot:

Rockville, 1932

Thomaston, 1922

These two stations were discussed in main radial plot of descriptive report for sheet T-5946. Due to the area in which these stations are located it was not possible to be sure of their accuracy of identification on the photographs. However, by starting on the south end of sheet where there was good control and working north, holding to radial intersections and cutting in additional radial points it is believed that the detailing has been accomplished with reasonable accuracy.

Tall Black Trans. Tower, 1942
Trans. Tower near Hwy, 1942
Ventilator on Barn, 1942

27. MAIN RADIAL PLOT

The discussion of the radial plot which includes this sheet has been made a part of description report for sheet T-5946.

28. DETAILING

The detailing of this sheet was done in accordance with the current instructions. The photographs were very clear and the scale was found to be reasonably good. Field inspection is considered adequate for detailing.

29. SUPPLEMENTAL DATA

A general highway map of Solano County, California was used to assist in labeling highways in this area.

34. LANDMARKS AND AIDS TO NAVIGATION

There are no Landmarks nor aids to Navigation that fall within the limits of this sheet.

35. HYDROGRAPHIC CONTROL

As this is an inshore sheet only a few sloughs and streams appear. Therefore, there is no Hydrographic Control on this sheet.

BH 129 - USCGS 1932 fm 524

H-129 " " "

K-129 " " "

BH 21 USGS "

37. GEOGRAPHIC NAMES

Approved list filed in the Geographic Names Section.

Only those Geographic names considered so well established as to be correct beyond question are shown on this sheet. This was done in accordance with a letter from the Acting Director dated December 2, 1942. Reference 28, PFA - 1990.

Filed in Div. of Photogrammetry Office Files

44. COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES

A comparison was made with California, Carquinez Quadrangle, edition of 1942, published by War Department, Corps of Engineers, United States Army. Due to the scale difference only a visual comparison was made but was found to be in good agreement.

45. COMPARISON WITH NAUTICAL CHARTS

A comparison was made with U. S. C. & G. S. West Coast, California Nautical Chart No. 5534 corrected to August, 1942. There are no charted features that should require immediate correction but this compilation should supersede the charted information.

Respectfully submitted,

Ben O. Bryant

Ben O. Bryant,
Sr. Photogrammetric Aid

Forwarded by:

Kenneth G. Crosby
Kenneth G. Crosby
Chief of Party...

Division of Photogrammetry
Review Report of
Planimetric Map Manuscript T-5949

June 1948

Paragraph numbers not used in this report have been adequately covered in other parts of the Descriptive Report.

28 Detailing

A number of field roads were deleted by the reviewer.

On two power lines, shown on the map manuscript only by symbol, many towers were clearly visible on the photographs. These towers have been cut-in on the map manuscript and are shown by small circles.

The following geographic names, approved by the Geographic Names Section, Division of Charts, have been added to the map manuscript during review:

American Canyon Road ✓
Jameson Canyon Road ✓
Cordelia Slough ✓
Frank Horan Slough ✓
Green Valley School ✓
Willota ✓
Russell ✓

with T-5950 814

43 Comparison with Previous Surveys

T-1972	1:10,000	1888
T-1973	1:10,000	1888

These surveys are superseded by T-5949 in all common areas.

44 Comparison with Topographic Quadrangles

U.S.E.	Carquinez	1:62,500	1941
U.S.E.	Mount Vaca	1:62,500	1941

T-5949 supersedes these quadrangles, excepting contours, in all common areas.

45 Comparison with Nautical Charts

5534	1:40,000	1946 revised March 1948
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Embankments added along Cordelia Slough immediately south of Cordelia, have altered the stream patterns of tributaries.

46 Application to Nautical Charts

This map manuscript was applied to chart 5534 prior to the date of review.

Reviewed by:

Reviewed under direction of:

Lena T. Stevens
Lena T. Stevens 22 June 1948
Cartographer (Photogrammetrist)

S. V. Griffith
S. V. Griffith
Chief, Review Section

Approved:

B. G. Jones 3/49
Technical Assistant to the
Chief, Div. of Photogrammetry

H. C. Munster
Chief, Nautical Chart Branch
Division of Charts

K. T. Adams
Chief, Div. of Photogrammetry

W. M. Scaife
Chief, Div. of Coastal Surveys

GEOGRAPHIC NAMES

Survey No.

GEOGRAPHIC NAMES										
Survey No.										
Name on Survey	On Chart No.	On previous survey No.	On U. S. quadrangle Maps	From local information	On local Maps	P. O. Guide or Map	Rand McNally Atlas	U. S. Light List		
	A	B	C	D	E	F	G	H	K	
<u>Cordelia Slough</u>										1
<u>Frank Horan Slough</u>										2
<u>Southern Pacific R.R.</u>										3
<u>Thomasson</u>										4
<u>Cordelia</u>										5
<u>Suisun Creek*</u>										6
<u>Rockville</u>										7
<u>Sacramento Northern R.R. (Electric)</u>										8
<u>Green Valley Creek</u>										9
<u>Jameson Canyon Road</u>										10
<u>American Canyon Road</u>										11
<u>Green Valley School</u>										12
<u>Willota</u>										13
<u>California*</u>	(for title)									14
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* - Decision of BGN

Underlined names approved.
9-30-48.

A. J. W.