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U. S. G. SUR.
L. & C.
FEB 24 1917
Acc. No.

Form 504
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

State: _____

11-5613

DESCRIPTIVE REPORT.

Top Sheet No. ~~257~~

LOCALITY:

191

CHIEF OF PARTY:

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

TOPOGRAPHIC TITLE SHEET

The finished Topographic Sheet is to be accompanied by the following title sheet, filled in as completely as possible, when the sheet is forwarded to the Office.

U. S. Coast and Geodetic Survey.

Register No. 3644^A

State . . California

General locality . . San Diego Bay

Locality San Diego Bay Northern Part

Chief of party . E.B.Latham

Surveyed by . . E.B.Latham and A.L.Shalowitz

Date of survey . October and November, 1916 With corrections.
to Feb 1st 1917

Scale . . . 1 to 10,000

Heights in feet above mean high water

Contour interval feet.

Inked by E.B.Latham Lettered by

Records accompanying sheet (check those forwarded): Photographs,

Descriptive report, Horizontal angle books, Field computations,

Data from other sources affecting sheet Local maps, and data .
from US Engineers office of District.

Remarks: Resurvey, shore line and objects adjacent to shore
line. Additional triangulation to Feb 3rd 1917

Jan 21

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Descriptive Report
Topographic Sheet San Diego Bay Californian Southern Part
Scale 1:10,000

This sheet is the result of the revision survey directed by instructions dated August 22nd 1916.

This sheet, with the sheet of San Diego Bay northern part and changes indicated on a copy of chart 5106, covers the vicinity of San Diego as will be of use for the proposed new chart of San Diego Bay.

The shore line was run with the plane table, except for a portion of the submerged marshes. The streets and roads near the shore were determined with the plane table, back from the shore they are compiled from City town and county maps, and plans of real estate companies and the compiled map of San Diego Harbor, compiled by the Engineer Corps United States Army.

For objects determined with the plane table see lists submitted and the results of the triangulation San Diego Bay 1916 and 1917.

No unusual features or conditions pertain. For general statement for the whole of San Diego Bay, see descriptive report of hydrographic sheet Northern part of San Diego Bay 1917.

San Diego Cal., Feb. 15th 1917

Chief of Party C & G Survey

Plane Table Positions
San Diego Bay California Southern Part
Surveyed October and November 1916
EBLatham Chief of Party

Object	Latitude			Longitude			Elev.	Description
Fir Marked Station Note 1	32	40	1433	M 117	07	407	M Feet	1p meters from bluff 1/2 mile S, of S.D. Brewery
Won, F Pole on green house of S.F. R.R, wharf	32	39	1668	117	07	172		
Lo, marked staNote 1	32	39	525	117	06	934		Near edge oof bluff below National Cty.
Kdd Pole on elevator of Hercules Pow. Co	32	38	551	117	06	1204	98	FP, on highest Blg of Hercules Powder Cos. Potash Plant. At foot of street Chulavista F St
Cub Marked Sta. Note 1	32	38	72	117	06	532		
West Gable White hose, No Marked Sta Note 1	32	37	1420	117	05	1290		Has 4 windows
	32	37	1065	117	05	1247		In field West of RR 30 meters South of 3rd Chulavista.
IN marked Sta Wp/6/1/	32	36	1815	117	05	1255		On sand ridge in marsh 34 meters N of 4th St ext 350 M W. of R.R.
Out, Marked Sta Note 1	32	36	1136	117	05	1145		Ho, on dairy farm N. gable, on S. Shore. On east side of St with RR tracks in South San D Cen. of N. face
Gable White Ho. North Gab.	32	35	446	117	06	547		
Top marked Sta. Note 1	32	35	685	117	06	1063		
Small green Ho. Sun	32	35	730	117	06	1210		
Mkd Sta. Note 1	32	35	1672	117	07	538		S. end of bluff 40 M from Bay shore
Nort Gable old Bot ling Works (Triang)	32	36	629	117	07	1140	80	Prominent lone Bld.
Mid, Mkd Sta. Note 1	32	35	241	117	07	1104	3	On point of Marsh.
Shanty, on Pt of Marsh (NE corner)	32	37	1509	117	07	1304	14	On pt of Marsh
Las Mkd Sta Note 1	32	37	1438	117	08	123	6	En bite So. TriSta Marsh
NE Cor Valve box of water Pipe line	32	38	69	117	08	663		Concrete valve box near RR Rectangula Approx 4 X 6 feet
Gal Mkd Sta Note 1	32	39	746	117	09	169		In sand mound 20 meters from Bay shore.
Meridian Mark(Triang. Station pierX	32	39	1847	117	09	726		Imperfectlt recovered Triang Sta of 1871 On Bay shore/2
Fin Mkd Sta. Note 1	32	40	282	117	09	1132		1 mile south of Coronado.

Plane table positions San Diego Bay Southern Part Sheet 2

Fin, Marked Sta

Note 1 32 40 278M 117 09 1136M

On strand near Bay shore
1 mile south of Coronado.

Round brick stack

Cal China Clay Prod.

00 32 40 494 117 06 1135 65 Approx. Largest of round
brick stacks. Plant
in National City between
11 & 12 Streets

Square tower

Orchilla Dye Wks 32 40 1410 117 07 60 65 Approx. East of Santa Fe
RR between 1 & 2 streets
extended

In Marked Station

Note 1. 32 36 1815 117 05 1255

On bay shore, 90 M
south of 3rd St extended
in Chulavista

Incinerator Triangulation Station Elevation 32 feet

Galvanized Iron stack Triangulation Sta Ele 92 feet

Tower San Diego Brewing Co, Triangulation Sta. Elev 104 feet

Note 1 Irreglar concrete pier, 3 feet in ground, with bottle at
bottom and an hydrographic station disk mark in top, with
the name and year of establishment stamped in it.
In the cement the name date and EBL are ~~etched~~ scratched
with a nail.

Chief of Party C & G Survey

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San Diego Cal., Feb. 15th 1917

Chief of Party C & G Survey