

7048

Diag. Cht. No. 5534-2

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey TOPOGRAPHIC- GRAPHIC CONTROL

Field No. BO-C-50 Office No. T-7048 4 8

LOCALITY

State California

General locality Pittsburgh, San Joaquin River

Locality New York Slough

19A 50

CHIEF OF PARTY

C. A. George

LIBRARY & ARCHIVES

DATE OCT 8 1951

B-1870-1 (1)

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FORM 537a
(9-24-47)

DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

REGISTER NO. T -

TOPOGRAPHIC TITLE SHEET

FIELD NO. BO-C-50

Each Planetable and Graphic Control Sheet should be accompanied by this form, completed so far as practicable, when forwarded to the Washington Office.

ST California

GENERAL LOCALITY
Pittsburgh, San Joaquin River

LOCALITY
New York Slough

SCALE
1:5,000

DATE OF SURVEY July, 19 50

VESSEL
USC & GSS BOWIE

CHIEF OF PARTY
C. A. George

SURVEYED BY
H. C. Applequist

INKED BY
H. C. Applequist

HEIGHTS IN FEET ABOVE MHW OR ☐ TO GROUND ☐ TO TOPS OF TREES

CONTOUR APPROXIMATE CONTOUR FORM LINE INTERVAL FEET

PROJECT NUMBER
CS - 256

REMARKS

This Graphic Control Survey has been compared with contemporary hydrographic survey H-7797 (1950). No further review by the Hydrographic Surveys Section is necessary at the present time.

*I. M. Zeiskind
10-7-52*

DESCRIPTIVE REPORT TO ACCOMPANY
TOPOGRAPHIC SHEET FIELD BO-C-50

A planetable survey of New York Slough in the vicinity of Pittsburg, California on a scale of 1:5,000.

A. PROJECT:

This survey was executed in accordance with the Director's Instructions dated 12 April 1949 and Supplemental Instructions dated 15 February 1950, Project CS - 256.

B. SURVEY LIMITS AND DATES:

This survey covers New York Slough from its western end to the most southernmost part of Winter Island.

Field work was done during the month of July 1950.

C. SCOPE OF SURVEY:

Topographic stations were located by graphic control on the north side of New York Slough.

A detailed survey of the waterfront was made on the south side of the slough due to changes occurring since the compilation of the Planimetric sheet covering this area.

D. CONTROL:

Control for this survey was furnished by triangulation executed by this party and by existing triangulation published in Vol. VII and Vol. XV, Geographic Positions. All positions are on the N. A. 1927 Datum.

E. SURVEY METHODS:

Only standard planetable survey methods were used. All signals and detail were located by intersections or rod readings from planetable set-ups at triangulation stations or from positions located by three point fixes. No traverses were run.

DESCRIPTIVE REPORT TO ACCOMPANY TOPOGRAPHIC SHEET FIELD BC-C-50 - continued

F. COMPARISON WITH PREVIOUS SURVEYS:

Planimetric Sheet T-5945 covers this area. The detail from this sheet, blown up from a scale of 1:10,000 to 1:5,000, was transferred in pencil to the planetable sheet.

The shoreline on the north side of the slough was adequately delineated for charting purposes. There are no improvements on this side of the slough. The topographic signals fell in their proper places along the shoreline and no revision was found necessary.

On the Pittsburgh side, the south side, there had been considerable change due to new construction of docks, alterations to existing docks and filling in along some parts of the shoreline.

The detail on the planimetric sheet, which had been compiled on a scale of 1:10,000 and then blown up to 1:5,000, was transferred to the planetable sheet. The loss of accuracy in the "blowing up" process and in transferring made it impractical to attempt to tie the changes in to the old work and a complete new detailed survey was made of the waterfront.

G. LANDMARKS FOR CHARTS:

A separate report covers "Landmarks For Charts" and the information is not repeated in this report.

H. C. Applequist
H. C. Applequist,
Lt. Comdr., C&GS

Approved:

C. A. George
C. A. George,
Commander, C&GS,
Chief of Party

LIST OF RECOVERABLE TOPOGRAPHIC STATIONS
TOPOGRAPHIC SHEET BO-C-50

DRY ✓	GUS ✓
EAT ✓	HOE ✓
SHO (Pittsburgh Wharf Light) ✓	PITTSBURGH LANDING LIGHT ✓
MID (Pittsburgh Lumber Dock Light) ✓	HUM ✓
LAX ✓	BROWNS ISLAND LIGHT ✓

STATISTICS

Statue miles of detailed shoreline - 2.5

Statue miles of graphic control - 2.8

GEOGRAPHIC NAMES

Survey No. T-7648

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	I	J	K	L	M	N	O	P
																1
Browns Island																2
New York Slough																3
Pittsburg																4
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