

6010

U. S. COAST & GEODETIC SURVEY
LIBRARY AND ARCHIVES

JAN 26 1934

Acc. No. _____

Form 504
Ed. June, 1928

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

R. S. Patton, Director

State: New York

DESCRIPTIVE REPORT

Topographic
~~Hydrographic~~
~~Coastal~~

Sheet No. A 6010

LOCALITY

Hempstead Bay

Jones Beach to Freeport.

1933

CHIEF OF PARTY

Raymond P. Eymen.

U. S. GOVERNMENT PRINTING OFFICE: 1929

T HT 132
N.Y.
ARTY

Descriptive report to accompany Topographic Sheet "A".
Great South Bay, Long Island, N.Y.

Raymond P. Eyman, Chief Of Party- Season 1933.

(a) General Description.

This sheet covers the area from Outer 1926 on the west to Jones 2 on the east, and was done on a scale of 1:20,000. The only work that was done on this sheet was the location of a few signals used for hydrography. Sheets G & H, which were done on a scale of 1:10,000 cover part of the area included on this sheet.

(b) Control

Control for this work was furnished by numerous triangulation points.

(c) Method & Closures

There was no traverse work. Some of the signals were located by intersection cuts, and the others by stadia or a combination of the two.

(d) Incomplete Work.

The eastern end of the sheet was done on a scale of 1:10,000 and was covered by sheets G and H. The area covered by sheet H was the extent of the topography done to the westward.

(e) Junctions

This sheet joins sheet B (on 1:20,000) to the eastward. Sheets G and H on (1:10,000) cover the area on the eastern end of this island sheet.

(f) Plane Table Positions

A list of plane table positions accompanies this report.

Respectfully submitted,

Raymond P. Eyman,
Chief of Party.

(James C. Tison, Jr.
Topographer.)

LIST OF PLANE TABLE POSITIONS--TOPOGRAPHIC SHEET "A"

Name & Description of Station.	Lat.	D.M.	Long.	D.P.	Means of Location.
<u>OUT</u> --Red banner	40-35	(1225.0) 625.7	73-36	(630.4) 780.6	by stadia
<u>BE</u> --White pole	40-35	(1194.0) 656.7	73-36	(989.3) 421.7	" "
<u>FAIR</u> --banner	40-35	(1161.7) 689.0	73-35	(84) 1327	" "
<u>FEET</u> --Red banner east of bath-house	40-35	(1152.7) 698	73-35	(775.5) 635.5	" "
<u>COLD</u> --C.G. Lookout Tower ✓	40-35	(1501.7) 349	73-34	(353.3) 1057.7	" " &
<u>MID</u> --banner	40-35	(1201.7) 649	73-34	(837.7) 573.3	intersection cuts
<u>WAIT</u> --banner	40-35	(698.7) 1152.0	73-34	(1267.0) 144	" "
<u>SOUTH GABLE</u> --White cottage in marsh <i>Whit</i>	40-35	(989.3) 861.4	73-34	(960.7) 450.3	intersection cuts

POST-OFFICE ADDRESS:

TELEGRAPH ADDRESS:

EXPRESS ADDRESS:

U. S. COAST & GEODETIC SURVEY
LIBRARY AND ARCHIVES

JAN 26 1934

Acc. No. _____

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

45 Broadway,
New York, N.Y.,
24 January, 1934.

16
1934 JAN 23 PM 12:12
To: The Inspector,
U.S.Coast and Geodetic Survey,
6 State Street,
New York, N.Y.

From: G.C. McGlasson.

Subject: Discrepancies and corrections on Topographic Sheets,
from Captain Eyman's party.

Topographic Sheets A and G were made in this office and as yet have not been in the Washington office. The others were completed in the field and a few minor corrections have been made since they have been in this office; such as, inking the names of topographic and triangulation stations and topographic land marks.

Discrepancies were found to exist on some of the sheets when compared to the aerial photographs. On Topographic Sheet B there are two creeks shown near Topographic Station Wax, and on the aerial photo only one exists.

On Topographic Sheet E, Topographic Station Eye does not agree with the aerial photo and neither does the creek at this point. However no changes were made at this time, because as yet, the aerial topographic sheets have not been completed. But as soon as they are finished I suggest that they be compared with the plane table topographic sheets.

G.C. McGlasson

G.C. McGlasson

Forwarded
As. A. Conn.
Chas. N.Y. F.S.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

1215
1214

REG. NO.

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. A

REGISTER NO.

State New York

General locality Hempstead Bay, South Shore, Long I.

Locality Jones Beach to Freeport, Long I.

Scale 1:20,000 Date of survey September, 1933.

Vessel Shore Party #2 Project HT-132

Chief of party Lt. Commander R.P. Eyman

Surveyed by Field Party

Inked by W.D. Ayers

Heights in feet above mean low water to ground to tops of trees

Contour, Approximate contour, Form line interval 10 feet

Instructions dated February 25, 1933.

Remarks: For location of hydrographic signals and
control points for air photos.

REVIEW OF TOPOGRAPHIC SURVEY No. 6010

Title (Par. 56) *Hempstead Bay, Long Island Jones Beach to Freeport, New York*Chief of Party *R. P. Eymann* Surveyed by *J. C. Lison Jr* Inked by *W. D. Ayers*Ship *Shore party* Instructions dated *Feb. 25, 1933* Surveyed in *Sept. 1933*

1. The survey and preparation for it conform to the requirements of the Topographic Manual. (Par. 7, 8, 9, 13, 16.) ✓
2. The character and scope of the survey satisfy the instructions.
3. The control and closures of traverses were adequate. (Par. 12, 29.) ✓
4. The amount of vertical control that the Manual specifies for -contours-formlines- was accomplished. (Par. 18, 19, 20, 21, 22, 23.)
None
5. The delineation of -contours-formlines- is satisfactory. (Par. 49, 50.) *None*
6. There is sufficient control on maps from other sources that were transmitted by the field party to enable their application to the charts. (Par. 28.) *None submitted*
7. High water line on marshy and mangrove coast is clear and adequate for chart compilation. (Par. 16a, 43, 44.)
none, signal location only shown on the sheet.
8. The representation of low water lines, reefs, coral reefs and rocks, and legends pertaining to them is satisfactory. (Par. 36, 37, 38, 39, 40, 41.)
9. ~~Rocks and other important details shown on previous surveys and on the chart were verified.~~ (Par. 25, 26, 27.)
10. ~~The span, draw and clearance of bridges are shown.~~ (Par. 16c.)
11. ~~Locations and elevations of summits are given.~~ (Par. 19, 51.)
12. ~~The tree line was shown on mountains.~~ (Par. 16g.)

NOTE: Strike out paragraphs, words or phrases not applicable and modify those requiring it. Paragraph numbers refer to those in the Topographic Manual. Use reverse side for extending remarks.

13. The descriptive report covers all details listed in the Manual, in so far as they apply to this survey. (Par. 64, 65, 66, 67.) ✓
14. The descriptive report also contains additional information required in aero-topography relative to type of photographs, method of compilation and type of ground control.
15. *No* descriptions of recoverable stations and references to shore line were accomplished on Form 524. (Par. 29, 30, 57, 67 except scaling of DMs and DPs, 68.) *They are listed in the Desc. Rep.*
16. *No separate* list of landmarks for charts was furnished on Form 567 and plotting checked. (Par. 16d, e, 60.) *a general list for this project area is filed as letter 707/1933.*
17. The magnetic meridian was shown and declination was checked. (Par. 17, 52.) *None shown*
18. The geographic datum of the sheet is *North American 1927* and the reference station is correctly noted. (Par. 34.) *seconds in meters only Datum name added in office.*
19. Junctions with contemporary surveys are adequate. *No topography shown on the sheet.*
20. Geographic names are shown on the sheet and are covered by the Descriptive report. (Par. 64, 66k.) *None*
21. The quality of the drafting is good. (Par. 31, 32, 33, 35, 36, 37, 38, 39, 40, 41, 42, 45, 46, 47, 48, 49, 50.)
22. No additional surveying is recommended.
23. The Chief of Party inspected and approved the sheet and the descriptive report. ~~after review by~~
24. Remarks:

Reviewed in office by *R. J. Christman, Feb. 26, 1934.*

Examined and approved: *Control sheet only - 1*

L. O. Solbert.
Chief, Section of Field Records

Frank S. Gordon
Chief, Section of Field Work

W. P. Papenburger
Chief, Division of Charts

G. W. Wade
Chief, Division of Hyd. and Top.