DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY
R.S. Patton, Director

State: New York

DESCRIPTIVE REPORT

Topographic Sheet No. A 6010

LOCALITY

Hempstead Bay
Jones Beach to Freeport

1933

CHIEF OF PARTY

Raymond P. Hyman

U.S. COAST & GEODETIC SURVEY
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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

[Signature]

(James E. Larson, Jr.
Photographers)
<table>
<thead>
<tr>
<th>Name &amp; Description of Station</th>
<th>Lat.</th>
<th>D.M.</th>
<th>Long.</th>
<th>D.P.</th>
<th>Means of Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>OUT -- Red banner</td>
<td>40-35</td>
<td>625.7</td>
<td>73-36</td>
<td>780.6</td>
<td>by stadia</td>
</tr>
<tr>
<td>EE -- White pole</td>
<td>40-35</td>
<td>656.7</td>
<td>73-36</td>
<td>421.7</td>
<td>&quot;</td>
</tr>
<tr>
<td>FAIR -- banner</td>
<td>40-35</td>
<td>689.0</td>
<td>73-35</td>
<td>1327</td>
<td>&quot;</td>
</tr>
<tr>
<td>FEET -- Red banner east of bath-house</td>
<td>40-35</td>
<td>698</td>
<td>73-35</td>
<td>635.5</td>
<td>&quot;</td>
</tr>
<tr>
<td>COLD -- C.G. Lookout Tower</td>
<td>40-35</td>
<td>349</td>
<td>73-34</td>
<td>1057.7</td>
<td>&quot;</td>
</tr>
<tr>
<td>MID -- banner</td>
<td>40-35</td>
<td>649</td>
<td>73-34</td>
<td>573.3</td>
<td>&quot;</td>
</tr>
<tr>
<td>WAIT -- banner</td>
<td>40-35</td>
<td>698.7</td>
<td>73-34</td>
<td>1267.0</td>
<td>&quot;</td>
</tr>
<tr>
<td>SOUTH CABLE -- White cottage in marsh</td>
<td>40-35</td>
<td>861.4</td>
<td>73-34</td>
<td>450.3</td>
<td>intersection cuts</td>
</tr>
</tbody>
</table>
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

Inward.
O.S. Conk.
Chief N.Y. F.S.
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

Locality: Jones Beach to Freeport

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

Vessel: Shore Party #2 Project HT-152

Chief of party: Lt. Commander R.P. Eyman

Surveyed by: Field Party

Inked by: W.D. Ayers

Heights in feet above to ground to tops of trees

Contour, Approximate contour, Form line interval feet

Instructions dated: February 25, 1933

Remarks: For location of hydrographic signals and control points for air photos.
Title (Par. 56)  Hempstead Bay, Long Island, Jones Beach to Freeport, New York

Chief of Party R. P. Eyman Surveyed by J. D. King Inked by H. D. Ayres
Ship Shore party Instructions dated Feb 25, 1933 Surveyed in Sep 17, 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.)

5. The delineation of -contours-formlines- is satisfactory. (Par. 49, 50.)

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.)

7. High water line on marshy and mangrove coast is clear and adequate for chart compilation. (Par. 16s, 45, 44.)

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. 15c.)

11. Locations and elevations of summits are given. (Par. 19, 51.)

12. The tree line was shown on mountains. (Par. 16c.)

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. The descriptions of recoverable stations and references to shore line were accomplished on Form 524. (Par. 29, 30, 57, 67 except scaling of DMs and DP's, 68.) They are listed in the West Rep.

16. A list of landmarks for charts was furnished on Form 567 and plotting checked. (Par. 164, 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. 79.) 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, 66.) 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:


Examined and approved:

Chief, Section of Field Records
L. O. Coldwell

Chief, Section of Field Work
W. E. Gorden

Chief, Division of Charts
W. F. Rapp

Chief, Division of Hyd. and Top.