U. S. COAST AND GEODETIC SURVEY
DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey: Topographic
Field No. Office No. 4695

LOCALITY
State: Connecticut
General locality: Cedar Pt.
Locality: L.H. Black Rock

CHIEF OF PARTY

LIBRARY & ARCHIVES

DATE: December 23, 1932
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY
R. S. Patton, Director

State: Conn.

DESCRIPTIVE REPORT

Topographic   | Sheet No.   D 4695
Hydrographic

LOCALITY
Cedar Pt. to Black Rock J. H.
Long Island Sound

1932

CHIEF OF PARTY
S. E. Crossell, Jr., N. I. C. E.
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

TOPOGRAPHIC TITLE SHEET

Aluminum mounted

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. D

REGISTER NO. 4695

State: Connecticut

General locality: Long Island Sound

Locality: Black Rock L. H., to Cedar Pk.

Scale: 1:20,000

Date of survey: Aug. 20-25, 1932

Vessel: Project HT-103

Chief of Party: S. B. Crewsall, Jr., H & G. Engr.

Surveyed by: William F. Deane, Aid

Inked by: W. F. Da

Heights in feet above ground to tops of trees

Contour, Approximate contour, Form line interval: feet

Instructions dated: August 10, 1932

Remarks: Limited time prevented a survey of inland features and only the H. W. line on the outside shore was obtained.
DESCRIPTIVE REPORT TO ACCOMPANY
TOPOGRAPHIC SHEET "D"
CEDAR POINT TO BLACK ROCK L.H.
LONG ISLAND SOUND
1932

INSTRUCTIONS:

This work was done under the Director's Instructions dated Aug. 10, 1932.

CONTROL:

The third order triangulation stations determined in 1932 and recovered stations of previous work were used.

METHOD:

The usual plane table survey was done with three point fixes and resections used for positions. All traverses were checked at successive stations by resections. All traverse closures were within the allowable limits.

JUNCTION:

This sheet joins Topographic Sheet "A" on the westward.

GENERAL DESCRIPTION:

The shoreline easterly from Cedar Point to Sherwood Point consists of a sandy beach interspersed with occasional marshy and rocky areas. From Sherwood Point to Frost Point the beach is sandy with a boulder strewn area off Frost Point. From Frost Point to Shoal Point the beach is generally sandy with occasional rocks, however there is a small marshy area on the west side of Southport Harbor. From Shoal Point to the creek to the north the shoreline
consists of a sandy beach, while from this creek northeastward to
topographic signal MEL the shoreline consists of scattered boulders.
Inner Black Rock Harbor to the westward is marshy; the west side,
however, is sandy with scattered rocks near Black Rock L.H. With the
exception of boulder strewn areas surrounding the spit on which Black
Rock Light House is located, the beach is sandy from there eastward to
the limit of the sheet.

CHANGES:

The shoreline is essentially the same because of the prevalence
of dykes, jetties and bulkheads. The area from Pine Creek Point west-
ward to Kensie Point has undergone change; erosion and tidal deposits
have contributed most to the change.

LANDMARKS:

The landmarks are listed on Form 567, "Landmarks for Charts".

Respectfully,
William F. Deane
Aid, C.& G.S.

Approved and forwarded.

S. B. Grenell,
Chief of Party.
<table>
<thead>
<tr>
<th>Station</th>
<th>Latitude</th>
<th>Longitude</th>
<th>Description</th>
<th>Recoverable Stations</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Degrees Mins. Meters</td>
<td>Degrees Mins. Meters</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Iron</td>
<td>41 06 648.1</td>
<td>73 20 1050.0</td>
<td>Iron stake</td>
<td></td>
</tr>
<tr>
<td>Dan</td>
<td>41 06 1288.5</td>
<td>73 20 987.2</td>
<td>S.E. corner dock house</td>
<td></td>
</tr>
<tr>
<td>Tall</td>
<td>41 06 1295.6</td>
<td>73 19 1235.2</td>
<td>Tallest chimney on point</td>
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</tr>
<tr>
<td>Far</td>
<td>41 06 1770.0</td>
<td>73 19 224.1</td>
<td>S.W. corner green house</td>
<td></td>
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<tr>
<td>Big</td>
<td>41 07 3.0</td>
<td>73 19 47.1</td>
<td>W'ly chim. red roofed house</td>
<td></td>
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<tr>
<td>Mil</td>
<td>41 07 259.5</td>
<td>73 18 955.0</td>
<td>Red and White windmill</td>
<td></td>
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<tr>
<td>Dot</td>
<td>41 06 1775.0</td>
<td>73 18 445.2</td>
<td>S.E.'ly gable watch house</td>
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<tr>
<td>Gabe</td>
<td>41 07 500.0</td>
<td>73 18 7</td>
<td>E'ly gable watch house</td>
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<tr>
<td>Tip</td>
<td>41 07 203.1</td>
<td>73 15 1091.5</td>
<td>S. end yel. house on pt.</td>
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<tr>
<td>Yap</td>
<td>41 07 545.6</td>
<td>73 15 606.3</td>
<td>Diving platform</td>
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<tr>
<td>Oil</td>
<td>41 07 826.2</td>
<td>73 15 391.4</td>
<td>Flag pole</td>
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<tr>
<td>Wawa</td>
<td>41 07 1111.7</td>
<td>73 14 1294.8</td>
<td>Flag pole</td>
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<tr>
<td>Wet</td>
<td>41 07 1265.0</td>
<td>73 14 834.7</td>
<td>S. gable blue house</td>
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<tr>
<td>Bath</td>
<td>41 08 145.6</td>
<td>73 14 680.4</td>
<td>Tower on bath house</td>
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<tr>
<td>Kid</td>
<td>41 08 1170.0</td>
<td>73 13 851.0</td>
<td>Iron frame</td>
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<tr>
<td>Gun</td>
<td>41 08 1462.1</td>
<td>73 13 691.3</td>
<td>F.P. Black Rock Yacht Club</td>
<td></td>
</tr>
</tbody>
</table>
REVIEW OF GRAPHIC CONTROL SURVEY T- 4695, SCALE 1:20,000

Date of Review Aug 16, 1935

1. This survey has been reviewed in connection with Air Photo Compilation Nos. T-, , , with particular attention to the following details:

   (a) Projection has been checked in the Field.

   (b) Accuracy of location of plane table control points.

   (c) Discrepancies between detail on this survey and the air photo compilations listed above.

   (d) Discrepancies found in descriptions submitted on Form 524 when compared with the air photo compilations listed above.

2. Refer to the reviews and descriptive reports of air photo compilations Nos. T-, , , for a more complete discussion of any errors or discrepancies found.

   Any material errors found on this survey are noted in subsequent paragraphs of this review, and these have been reported to the Field Records Section and the Cartographic Section.

   Notes and corrections resulting from the review are shown on this survey in green.

   Refer to T-5262 for complete detail in this area.

   See pages 6, 7, 8, 15 and 16 of the Descriptive Report of T-5262 for discussion of errors and relocation of detail on T-4695.

3
Section of Field Records
Review of Topographic Survey T-4695 (1932)
Black Rock H. & Cedar St. Long Island Sound, Connecticut
Surveyed: August 1932
Instructions dated: August 10, 1932
Chief of Party: A. B. Irwin
Surveyed by: W. F. Drain

1. Condition of Records
The records conform to the requirements of the Topographic Manual with the following exceptions:

a. Recoverable Topographic Stations, although listed in the Description Report, were not submitted on Form 524.

b. Additional development for low water and以下内容被删减，没有完全抄写出来。

2. Compliance with Instructions for the Project
The survey complies with the instructions for the project.

3. Junction with Contemporary Surveys
A satisfactory junction was made with T-4696 (1932)
4. Comparison with Prior Surveys

a. T-19 (1835)

The high water line has changed very little since the time of the prior survey. The present survey shows only a small portion of the low water line. Although boulders bare off some of the points, they were lost transferred to the present survey because they are inside of the low water line and the older surveys may be used in the compilation of the low water line.

b. T-1527 (1883)

The agreement between the high water lines of the two surveys is good. Some of the points seem to have built out but only slightly. The greatest change has occurred between Paint Creek Point and Kenise Pt. in about Long 73-16 where considerable building and has occurred (see D.R. page 2). The same water island, on which southern tip the Black Rock Pt. is located, was formerly an island at high water but now appears that it probably joins the mainland to the east of the limits of the present survey. Practically no low water line or offlying rocks were located on the present survey, but it was not attempted to carry anything forward as additional investigation of these features has been ordered and this matter will be disposed of after this additional work is completed.
There are revision surveys on charts. The revision work was confined almost exclusively to wave base features. There is no conflict between the resurveyed portions and the present survey.

5. Field Drafting
   The field making of the survey is good.

6. Additional Field Work Recommended
   The survey is complete only as far as the high water is concerned. Rocks and other low water features are to be determined by a hydrographic investigation and for that reason an additional plane table work is recommended.

7. Superseding Previous Surveys
   As far as the topography actually covered in the present survey is concerned, it supersedes the following surveys for charting purposes:
   - T-19 (1835) in part
   - T-1577 (1883) in part
   - T-2837 (1908) in part
   - T-2936 (1909) in part

Reviewed by: [Signature]  March 1939

Appr. [Signature] CKG