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



State: New York

DESCRIPTIVE REPORT

Topographic }
Hydrographic } Sheet No. C 6019

LOCALITY

Little Neck Bay

Shelter Island to New Suffolk.

Harvard.

1933

CHIEF OF PARTY

L. C. Wilder.

8019

Descriptive Report to Accompany Topographic Sheet "C".
Great Peconic Bay and Shelter Island Sound, Eastern Long Island.

Scale 1:20,000

AUTHORITY:

This area was photographed on a scale, approximately, of 1:10,000. For this reason the work consists of locating points for hydrographic use and for control of photographs, except for Jessup Neck, Nassau Point, and Great Hog Neck where shore line was run in as photographs were distorted.

LIMITS:

This sheet covers the shores of Peconic Bay and Shelter Island Sound from Nassau Point and the foot of Jessup Neck to Jennings Point and the N. W. end of North Haven.

GENERAL DESCRIPTION:

Photographs were distorted. Approaching the area from the northeast, on the left-hand, lies Shelter Island with wooded heights rising to an elevation of a couple of hundred feet. The shore of the mainland to the right is low and has numerous summer cottages scattered along it.

After passing Paradise Point the bay widens, opening into Noyack Bay to the southeast and Little Peconic Bay to the southwest. Between these two protudes the long narrow tongue of land known as Jessup Neck which consists of sand bluffs about 30 ft. high tapering off at its northern end to a sand spit. Across Little Peconic Bay to the southwest appears the long line of sand bluffs forming Nassau Point. In general, the shore lines alternate between sand bluffs and low-lying areas with numerous inlets opening into the shallow bays, and much of the country is timbered and dotted with summer residences.

CONTROL:

A scheme of third-order triangulation was executed with triangulation stations spaced about three miles apart.

METHODS:

Plane table triangulation was used to locate prominent objects and banners erected along the shore; and supplementing this, in areas where the photographs were indistinct, tape traverses were run to locate the shore line, using a 100 meter wire tape.

CLOSURES:

Traverse from triang. sta. Jess along the west side of Jessup Neck tied in without error on triang. sta. Jessup.

Traverse from o Rev on the point of Jessup Neck along the east side of the Neck tied in without error on o Dot.

Traverse from triang. sta. Hog Neck to triang. sta. Paradise closed without error.

Traverse from triang. sta. Paradise to o Feb was out in azimuth. o Feb was located by cutting in from points across the bay. The error was adjusted on the sheet.

Traverse was run from triang. sta. Holland to o God along west side of Nassau Point. Resected on water-tank (o Not).

No traverse was run on the east side of Nassau Point but shore line was located by measuring to it from points which had been cut in along shore.

LANDMARKS:

Triang. Sta. Sage Brick Co. Chy - a tall, round, brick chimney alongside a brick yard between Greenport and Southold.

Triang. sta. Sanford Brick Co. Chy - a square brick chimney alongside a brick yard between Greenport and Southold.

Triang. sta. West Farms Cupola - a light, yellow wooden tower built on a house, about fifty feet high, in the form of a lighthouse near the entrance of the creek leading up to Southold.

Triang. sta. Becker Windmill (o Tig) - the northerly one of two windmills on the west side of Shelter Island. The windmill structure is shingled and of good size.

Triang. sta. West Moreland Water Tower - a brick tower rising to a height of about 50 feet with a clock near the top and covered with a shingled roof, on the west side of Shelter Island near West Neck Harbor.

Triang. sta. Ward's Cupola - a shingled tower about 30 feet high with a white ball at the apex, on the southwest side of Shelter Island a short distance west of South Ferry.

o-Flag Pole - in Noyack Bay on N. E. corner of dock running out from Smitty's Inn.

Jessup Neck - a narrow tongue of land dividing Noyack Bay from Little Peconic Bay. The south position of the neck is low and sandy with a large shallow inlet. The northern portion consists of sand bluffs about 30 feet high, covered with timber and gradually sloping down to the point at the north end which runs out a long distance as a sand spit.

Paradise Point - a wooded point to the west of Shelter Island which slopes down and runs out into the bay as a narrow sand spit for a short distance.

Nassau Point - a long, timbered neck of land with a long sand bluff about 30 feet high on the easterly side. The southerly end tapers down to a narrow sand spit which runs out into the bay for a long ways.

o Ant - the westerly chimney on a large white house on the west side of New Suffolk; the chimney is painted white.

CONTOURS:

To all appearances the contours of the regions are the same as they were at the time the area was originally mapped with the possible exception of small changes in the topography made by some real estate developments in some localities.

GEOGRAPHIC NAMES:

These are entered in the report of the officer spotting the photographic control.

Approved

R. C. Wilder
L. C. Wilder,
Chief of Party.

Respectfully Submitted,

John C. Beam

John C. Beam

Sheet "C"

ADDENDA:

Since the work was done on this sheet some dredging work has been done in a small creek (Mill Creek) leading into Noyack Bay, about 1600 meters east of Jessup Neck. Because of the change in shore line and the channels dredged in this creek a few new signals were located and the new shore line located. A flag, signal (Gov.), was set up at the west side of the entrance to this creek and cut on from triang. sta. Jessup Neck. This point was then located by resection using triang. sta. West and triang. sta. Cupola and with checkx on other objects on Shelter Island and the east shore of Jessup Neck. Cuts were then taken on the other new signals located and a short traverse run to the southerly end of this creek along the westerly shore, cuts being taken on signals on east shore from set-ups on this traverse.

The spoil material dredged in this creek was placed on the meadows along the west shore of this creek to an height of from four to six feet, and on the island in the creek.

Approved,

L. C. Wilder
L. C. Wilder,
Chief of Party.

Respectfully Submitted,

T. F. Squires
T. F. Squires.

Topographic Sheet "C"

List of prominent objects and objects that may be used for future work.

Name	Description
Ant	Westerly chimney on white house
Sun	Flagpole
Not	Water tank
Dot	West gable, dock house
Tap	White chimney, white house
Bee	Apex of boat house
Yam	East gable of bungalow
Ace	Front gable of house
Nip	Chimney on low house
Lum	Windmill
For	Westerly one of four posts
Mid	Middle of bath house
Gab	Front gable large house
Ted	Windmill
Wit	Windmill
Tak	Front gable, house on dock
Zam	S. W. end concrete bulkhead
Ale	N. E. end " "
Erg	Rock, bare, 1 ft. at high water
Amo	Easterly gable, club house
Loy	Flagpole
Mim	So. gable, boat house
Rock	Pavilion on rock
Tie	Windmill
Sox	Windmill
Sue	Flagpole near gray house
Tit	Flagpole
Nor	Flagpole
Wat	West chimney on house
Dil	Windmill
Nit	Flagpole
Lat	Flagpole
Led	West gable, small building
Smit	Flagpole

A list of the prominent landmarks (for navigators and aviators) has been submitted with the separate report on landmarks.

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FEB 8 1934

REG. NO. 6019

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: C

REGISTER NO. 6019

State New York

General locality Little Peconic Bay L. I.

Locality Shelter I. to New Suffolk

Scale 1:20,000 Date of survey June-July, 1933

Vessel - - - - -

Chief of Party L.C. Wilder.

Surveyed by John C. Beam

Inked by John C. Beam

Heights in feet above - - - to ground to tops of trees

Contour, Approximate contour, Form line interval feet

Instructions dated March 17, 1933., 19

Remarks: