

6357

Original

U. S. COAST & GEODETIC SURVEY
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Form 504
Ed. June, 1928

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

R. S. Patton, Director

State: Massachusetts

DESCRIPTIVE REPORT

Topographic

Sheet No. G

6357

~~Hydrographic~~

LOCALITY

Buzzards Bay..... Sciticut Neck,

West Island and vicinity.

1935

CHIEF OF PARTY

Wm. D. Patterson.

DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY

TOPOGRAPHIC TITLE SHEET

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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. 0

REGISTER NO. **6357**

State Massachusetts

General locality Buzzards Bay

Locality Scouticut Neck, West Island and vicinity

Scale 1 - 10,000 Date of survey May, 1935

Vessel Field Party No. 5

Chief of party Lieut. Wm. D. Patterson

Surveyed by Victor A. Bishop

Inked by C.R. Smith

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

Contour, Approximate contour, Form line interval.....feet

Instructions dated July 11, 1934

Remarks:.....

DESCRIPTIVE REPORT

To Accompany

TOPOGRAPHIC SHEET "G" (Field Letter)

Seconticut Neck, West Island and Vicinity

Project HT-179

Wm. D. Patterson

Chief of Party.

INSTRUCTIONS:

This survey was made in accordance with the Directors Instructions dated July 11, 1934 and Supplemental Instructions dated May 9, 1935. ✓

DESCRIPTION OF SHORELINE:

The coast line bordering Nasketucket River, Little Bay, North Cove at West Island and between Topographic Station "Row" and "Taw" is low and marshy and high water covers in many places. The immediate land back of this marshy area is quite high and mostly built up with summer homes. ✓

There are no summer homes on West Island except one at Topographic Station "War". From off shore, Seconticut Neck and West Island appear heavily wooded. ✓

CHARACTER OF CONTROL:

Triangulation was executed by Lieutenant Wm. D. Patterson in 1934 and computed on the North American Datum of 1927, except "Tack Factory Chy. (1902)". A correction of minus 16.6 meters in Latitude and plus 3.4 meters in Longitude was applied to the above station to bring it to our North American Datum of 1927. ✓

Numerous topographic stations were described so that at intervals of approximately one mile there is a permanent station. To complete the hydrographic control numerous other signals were established. ✓

SURVEY METHODS:

Planetable set-ups along the west shore of Seconticut Neck were established by first setting up over triangulation station New Bedford Fort (1844) and directions taken to different points, which were then established by resections on other triangulation stations visible from the particular section. ✓

The set-ups on West Island and the east shore of Seconticut Neck could not be established by any general method. Station "Oar" (on West Island) was placed in range with "Tack Factory Chy. (1902)" and "Walkers Barn Cupola (1934)" and resections made on "Yellow House Chy. (1934)" and "Seconticut Neck (1844)". From this set-up directions were taken to as many objects as could be seen. To set up at Seconticut Neck it would

would have been necessary to use an elevated platform of approximately twenty feet, to see over houses in that vicinity. From the above established point the survey progressed favorably and was carried to completion with no difficulty, even though no set-ups over triangulation stations was possible.

The shore line from "West Island U.S.E. (1934)" along the east shore to signal "Den" was run by traverse, and check made on the later station with no correction.

A tracing of the shore line and off-shore features was made from the bromide and checks made in the field whenever possible.

At the time this survey was in progress the report that work was to be discontinued on June 30, 1935 was received. For this reason the Topography as far as rocks are concerned is incomplete. The sheet was brot into the office for inking. When the work was continued a comparison was made with the hydrographic survey and all rocks not located by topography was then located by the hydrographic party.

~~With the exception of the area south and east of West Island all rocks have been investigated.~~ Done by Hydro. Party.

Egg Island and Little Egg Island were located by the hydrographic survey.

See review of H-5880 (1895) par. 8a (c)

COMPARISON WITH PREVIOUS SURVEYS:

A rock bearing six feet at mean high water was located between Angelica Rock and Black Rock. This rock was not charted.

At numerous places in the marsh areas shore line has changed, but not to a considerable extent.

Such changes as small piers, retaining walls and clearing of beach of inshore rocks are continuously in progress.

BOULDER REEF:

Between Sconticut Neck and Long Island and between West Island and Long Island there is a narrow boulder reef bearing at low water. This reef is the remains of a bridge between Sconticut Neck and West Island. Between West Island and Long Island there is a very narrow opening in this reef through which small craft may pass. Lateral clearance is 10 feet.

LANDMARKS FOR CHARTS:

Submitted under a separate report.

BEACONS:

Four beacons are established on rocks east of Seconticut Neck in Nasketucket and Little Bays. These four beacons are of the day type and are described in full on form 524. ✓

GEOGRAPHIC NAMES:

Charted name	Recommended name	Source and remarks
None	Angelica Rock	Well established local name. Residents in vicinity compare favorably on recommended name.
None	Old Kelick Rock	ditto
None	Whale Rock	ditto
None	Hunts Rock	ditto
None	Lone Rock	ditto
None	Round Neck	ditto
None	Shaws Cove	ditto
Seconticut Neck	Seconticut Neck	Chart & well established local
Seconticut Point	Seconticut Point	ditto
Black Rock	Black Rock	ditto
Long Island	Long Island	ditto
Round Island	Round Island	ditto
Fish Island	Fish Island	ditto
Round Cove	Round Cove	ditto
North Cove	North Cove	ditto
North Point	North Point	ditto
West Island	West Island	ditto
Puppy Rocks	Puppy Rocks	ditto
White Rock	White Rock	ditto
Pea Island	Pea Island	ditto
Wards Rock	Wards Rock	ditto
Little Bay	Little Bay	ditto
Nasketucket River	Nasketucket River	ditto
Little Black Rock	Little Black Rock	ditto

STATISTICS:

Scale	1:10,000
Area in square statute miles	9.0
Statute miles of shore line	28.5

Respectfully submitted,

Victor A. Bishop
Victor A. Bishop,
Surveyor.

APPROVED AND FORWARDED:

W. D. Patterson
Wm. D. Patterson, Lieut.,
Chief of Party No. 5.

GEOGRAPHIC NAMES G

Survey No. 6357Date. Nov. 12, 1935Chart No. 1210Diagram No. 1210-2

*, Approved by the Division of Geographic Names, Department of Interior.

¢, Not Approved by the Division of Geographic Names, Department of Interior.

R, Referred to the Division of Geographic Names, Department of Interior.

Status	Name on Survey	Name on Chart	New Names in local use	Names assigned by Field	Location
	Bass Creek ✓	from T 196 ✓			
	Sconticut Neck ✓				
	Nasketucket River ✓	✓			
	Nasketucket Bay ✓	✓			
	Lone Rock ✓		✓		
	Little Bay ✓	✓			
	Hunt Rock ✓		✓		
	Whale Rock ✓		✓		
	Wards Rk. ✓	✓			
	Shaw Cove ✓		✓		
	Pea I. ✓	✓			
	White Rk. ✓	✓			
	Old Kellick Rock ✓		✓		
	Puppy Rks. ✓	✓			
	Fish I. ✓	✓			
	Round I. ✓	✓			
	Round Neck			delete	
	Round Cove ✓	✓			
	North Pt. ✓	✓			
	North Cove ✓	✓			
	Long I. ✓	✓			
	West Island ✓	✓			
	Sconticut Pt. ✓	✓			
	Angelica Rk. ✓	✓			
	Little Black Rk. ✓				
	Black Rk. ✓	✓			
	Black Rk.				

names approved 11/13/35
KTA

(M 100)

REVIEW OF TOPOGRAPHIC SURVEY No. 6357(1935) "G"

Title (Par. 56) *Scouticut Neck, West Island and Vicinity, Buzzards Bay, Mass.*Chief of Party *H.D. Patterson* Surveyed by *V.A. Bishop* Inked by *C.R. Smith*Ship *Field Party No 5* Instructions dated *July 11, 1934* Surveyed in *May 1935*.

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.)
No contours shown
5. The ~~delineation of -contours-formlines- is satisfactory.~~ (Par. 49, 50.)
No contours shown
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.) ✓
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.)
Scouticut Pt and South shore of West I. examined in reviewing H-5882(1935) R.F. Jan 18, 1936
Area on the east side of West I. was examined H-5883(1935) R.F.
Examination completed in connection with review of H-5880(1935). (see Note A) back of this page
Feb 27, 1936
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.

Note A

Considered
in Review
of H-5880
par. 8a (6)

Egg I. and Little Egg I. (charted lat. 41-37 long. 70-53) are not shown on the sheet. Mr. Jordan of the survey party stated verbally that Egg I. is composed of sand and boulders covered with grass, and probably is awash at extreme high tides. He could give no further information about Little Egg I. (see H-5880(1935)). The air photos of this area are not yet available.

Note A

A detached rock (not charted) is shown on T-196(1845) about 60 miles S by E of Puppy Rocks, lat. 41-36.9 long. 70-50.3. The rock is not shown on the 1895-7 survey (T-2221 and H-2308) nor on the present survey, and because a line of soundings with depths of 12½ feet passes over the spot the existence of this rock is considered disproved.

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 IMs and DPs, 68.) ✓
16. A list of landmarks for charts was furnished on Form 567 and plotting checked. (Par. 16d, e, 60.) ✓
17. The magnetic meridian was shown and declination was checked. (Par. 17, 52.) *but there is no evidence that the*
18. The geographic datum of the sheet is *North American 1927* and the reference station is correctly noted. (Par. 34.) ✓
19. Junctions with contemporary surveys are adequate. ✓
20. Geographic names are shown on the sheet and are covered by the Descriptive report. (Par. 64, 66k.) ✓
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. ✓
The Descriptive Report for T-6373 (1935) states that photos have been made for an air photo compilation of this area.
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, Jan. 18, 1936
Suggested by A. L. Shalant

Examined and approved:

C. K. Green
Chief, Section of Field Records*J. L. Peacock*
Chief, Section of Field Work*L. O. Pollock*
Chief, Division of Charts*G. H. Wade*
Chief, Division of Hyd. and Top.