

7100a&b

Diag'd. on Diag. Ch. No. 1210-2

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Topographic (Graphic Control)
GI-A-48 T-7100a
Field No. GI-B-48 Office No. T-7100b

LOCALITY

State Rhode Island

General locality Pt. Judith

Locality Pt. Judith, Harbor of Refuge,
Pt. Judith Pond and Potter's Pond

194 8

CHIEF OF PARTY

F.B. Quinn

LIBRARY & ARCHIVES

DATE March 31, 1949

B-1870-1 (1)

7100a&b

MAR 3 1 1949

Form 537a
Ed. Nov. 1929

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

TOPOGRAPHIC TITLE SHEET

(BOTH SIDES ALUMINUM SHEET)

The Topographic Sheet should be accompanied by this form, filled in as completely as possible, when the sheet is forwarded to the Office.

GI-A-48 &

GI-B-48

Field No.

REGISTER NO. T-7100 a & b

State Rhode Island

General locality Pt. Judith

Locality Pt. Judith, Harbor of Refuge, Pt. Judith Pond and Potter's Pond.

Scale 1: 10,000 Date of survey 26 May - 27 July, 1948

Vessel Ship GILBERT

Chief of party F. B. Quinn

Surveyed by F. B. Quinn & J. Laskowski

Inked by J. Laskowski

Heights in feet above - to ground to tops of trees

Contour, Approximate contour, Form line interval - feet

Instructions dated 12 February, 1948

Remarks: Project CS-333.

DESCRIPTIVE REPORT

TO ACCOMPANY

T-710025b (1948)

TOPOGRAPHIC SHEETS FIELD NO. GI-A-48 AND GI-B-48

PT. JUDITH, R.I.

SCALE 1: 10,000

USC&GS SHIP GILBERT

F. B. QUINN, COMMANDING

PROJECT CS-333

INSTRUCTIONS:

The topography was executed under instructions dated 12 February 1948, Project CS-333. ✓

CHRONOLOGY:

Field work was begun on 26 May and completed on 27 July. The work was not continuous as hydrography was executed whenever the weather was favorable for coastal launch work. ✓

LIMITS:

Graphic-control was established in Pt. Judith Pond, Potter's Pond, Harbor of Refuge, and along the coastline southward from Latitude $41^{\circ}-24.6'$ thence westward to Longitude $71^{\circ}-32.9'$. ✓

CONTROL:

Previously-established triangulation supplemented by six additional third-order triangulation stations established by this field party was used to control the survey. ✓

METHODS:

Planetable and alidade were used to locate hydrographic signals in the Harbor of Refuge, Pt. Judith Pond and westward along the coast from Pt. Judith Lighthouse to signal GUS and also signals ADD and BAT. The remaining stations were located by using a navigation sextant and taking a "round" of angles at the station supplemented by cuts from other stations. The results were plotted on the aluminum-mounted sheet with a steel protractor, and gave determinations as strong as those by planetable and alidade. ✓

A small portion of the high-waterline was surveyed at some of the planetable setups.

The low waterline was determined at Pt. Judith during a low tide.

LANDMARKS:

Landmarks for charts have been submitted by the Chief of Party under separate cover. *C.L. 733 (1948)*

MAGNETICS:

Magnetic Observations were taken with compass-declinometer No. 5 at triangulation station POINT JUDITH (USE) 1940.

The declinatoire used for the magnetic meridian has no Coast Survey number. The declinatoire has not been checked at a station where the declination is known.

STATIONS:

The following stations are considered of a permanent nature and are described on Form 524. *(filed under T-5095 in Div. Photogr'try)*

Sheet No. GI-A-48

B.M. (m)
HUB
NED
TOY
WIN

Sheet No. GI-B-48

BUM (m)
CUT (m)
EEL
POT

MISCELLANEOUS:

The shoreline was compiled from aerial photographs under Project PH-31 (48)-Field-(Sheet T-5095)⁽¹⁴⁴⁸⁾. This work was performed by a sub-party of Lt. Comdr. Riley J. Sipe.

John Laskowski
John Laskowski,
Lt. Comdr., C&GS

Approved:

F. B. Quinn

F. B. Quinn,
Chief of Party, C&GS
Commanding Officer Ship GILBERT.

This graphic control survey has been compared with contemporary hydrographic survey H-7640 (1948). No further review by the Hydrographic Surveys Section is necessary at the present time.

J. A. Winsmore

1/10/50

NAUTICAL CHARTS BRANCH

SURVEY NO T-7100

Record of Application to Charts

[illegible]

M-2168.1

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.