

6768

6768

Form 504 Rev. Dec. 1933	
DEPARTMENT OF COMMERCE U.S. COAST AND GEODETIC SURVEY R. S. PATTON, DIRECTOR	
DESCRIPTIVE REPORT	
Topographic Hydrographic	Sheet No. T-6768 B-1940/40
U. S. COAST & GEODETIC SURVEY LIBRARY AND ARCHIVES DEC 30 1941 Acc. No.	
State WASHINGTON	
LOCALITY	
WHIDBEY ISLAND	
PARTRIDGE PT. Northward	
1943 1940	
CHIEF OF PARTY	
ROBERT W. KNOX	

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

REG. NO. 16768

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. B

REGISTER NO. T-6768

State WASHINGTON

General locality WHIDSEY ISLAND

Locality PARTRIDGE PT. NORTHWARD

Scale 1/10,000 Date of survey October, 1940

Vessel U.S.S. SURVEYOR

Chief of party ROBERT W. KNOX

Surveyed by CLARENCE R. REED

Inked by CLARENCE R. REED

Heights in feet above M.H.W. to ground ~~XXXXXXXXXXXX~~

Contour, Approximate contour, Form line interval _____ feet

Instructions dated Sept. 22, _____, 1939

Remarks: _____

DESCRIPTIVE REPORT

to accompany

TOPOGRAPHIC SHEET T-6768

PARTRIDGE POINT NORTHWARD

WHIBBEY ISLAND, WASH.

1940 ~~41~~

U.S.C & G.S.S. SURVEYOR

ROBERT W. KNOX, COMDG.

AUTHORITY:

Instructions dated Sept. 22, 1939 - Project
HT-241. ✓

CONTROL:

Second and third order triangulation of current
season. ✓

LOCALITY AND GENERAL DESCRIPTION:

The survey covers the west shore of Whidbey Island from south of Partridge Point to triangulation station Lake-1939-40 at Latitude $48^{\circ}-18.3'$. The shore consists of clay bluff behind a steep slope to the gravel beach. In the vicinity of station "Lake" the shore is a sandy spit backed by low grass land. The island is partly under cultivation and partly in second growth coniferous timber. ✓

SURVEY METHODS:

Ordinary plane table methods were used except that in running traverses from "Low" to "Partridge Point Light" and from "Party" to "Partridge Point Light" it was necessary to orient on stations not plotted on the sheet. This was accomplished by computing points on the azimuth line by plane trigonometry. The error involved in this method due to computation is considerably less than the error allowable for field work. ✓

Low water line was transferred from contemporary launch hydrographic sheets.

CLOSING ERRORS:

ΔParty to ΔPartridge Pt. Lt.	1.0 miles 1m. (unadjusted)
ΔLow to ΔPartridge Pt. Lt.	2.4 " 10m. (adjusted)
ΔLow to ΔLake	3.0 " 15m. (adjusted) ✓

(Run twice, long both runs)

COMPARISON WITH PREVIOUS SURVEYS:

The present survey was compared with Sheet Register #1253 (1871). The high water line has receded in several places and built out slightly in a few. The low water line is in general farther from the high water line at present than as shown on the old survey. Chief differences are as follows:

40 meter recession at Latitude	48°-13 $\frac{3}{4}$ '
30 " " " "	48°-16 $\frac{1}{2}$ '
40 " " " "	48°-17'
20 " accretion " "	48°-17 $\frac{1}{2}$ '
Rock awash at $\frac{1}{2}$ tide at " "	48°-16 $\frac{1}{2}$ '

not shown on old survey.

GEOGRAPHIC NAMES:

No change of geographic names as charted is recommended.

LANDMARKS:

There are no landmarks except the charted navigational aids.

MAGNETICS:

Declinatoire observations were made at the following points:

△ Low	Oct. 23, 1940	23°-16' E
△ Low	Oct. 25, 1940	23°-20' E
△ Party	Oct. 30, 1940	23°-30' E

A transit magnetometer observation was taken at △ Partridge 1921 on January 8, 1941 and declination obtained was 23°-37'E.

Charted values of declination in 1940 are 23°-25'E west of Partridge Point on chart 6450 and 23°-42'E north of triangulation station Lake on chart 6380.

RECOVERABLE PLANE TABLE POSITIONS:

The only recoverable topographic signals are:

USE (signal on tree)	Lat. 48° - 17'	1258m.
	Long. 122° - 43'	615m.
ABE (cable crossing sign)	Lat. 48° - 13'	944m.
	Long. 122° - 46'	141m.

STATISTICS:

Statute miles of shore-line --- 7.2 ✓

Respectfully submitted,

Clarence R. Reed


Clarence R. Reed,
Jr. H. & G. Engr.
U.S.C. & G. Survey

Approved & Forwarded:

Robert W. Knox

ROBERT W. KNOX, H. & G. Engr.
Commanding Officer,
U.S.C. & G.S.S. SURVEYOR

The field work on Sheet T 6768 was done under my supervision. It has been inspected and approved by me. No further field work is recommended. ✓


Robert W. Knox, H. & G. E.,
Commanding SURVEYOR.

Forwarded from
Seattle Processing Office

Dec. 16, 1941



Remarks

Decisions

1		482 227
2		482 226
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		

GEOGRAPHIC NAMES

Survey No. **T6768**

Name on Survey

	A, On Chart No.	B, On previous survey No.	C, On U. S. quadrangle Maps	D, From local information	E, On local Maps	F, P. O. Guide or Map	G, Rand McNally Atlas	H, U. S. Light List	K	
<u>Point</u>										1
<u>Partridge Point</u>										2
<u>Whidbey Island</u>										3
										4
										5
										6
										7
										8
										9
										10
										11
										12
										13
										14
										15
										16
										17
										18
										19
										20
										21
										22
										23
										24
										25
										26
										27

Names underlined in red approved
by L. Hercy on 3/13/42

DIVISION OF CHARTS

REVIEW SECTION - SURVEYS BRANCH

REVIEW OF TOPOGRAPHIC SURVEY

REGISTRY NO. 6768

Field No. B

Washington; Whidbey Island; Point Partridge Northward
Surveyed October 1940; Scale 1:10,000
Instructions dated September 22, 1939 (Project H. T. 241)

Plane Table Survey

Aluminum Mounted

Chief of Party - R. W. Knox
Surveyed and inked by - C. R. Reed
Reviewed by - J. A. McCormick, September 22, 1943
Inspected by - H. R. Edmonston

1. Adjoining Surveys

Satisfactory junctions were effected with T-6767 (1940) on the south and with T-6769 (1940) on the north.

2. Previous Surveys

T-1253 (1871), 1:10,000; T-1254 (1871), 1:10,000

In the descriptive report the field party notes several differences in shoreline of the old and new surveys. None exceed 40 meters and it is probable that changes actually have taken place in the clay bluffs.

3. Comparison with Chart 6450 (Print of June 12, 1943)

Topography on the present survey has already been added to the chart. Declinatoire observations are in satisfactory agreement with the charted variation. Survey and chart agree on the position of Point Partridge Light.

4. General Comment

The descriptive report states that the low water line on the present survey was transferred from contemporary hydrographic surveys. Such transfers are not necessary and are sometimes misleading.

5. Compliance with Project Instructions

Satisfactory.

6. Additional Field Work Recommended

None.

7. Superseded Surveys

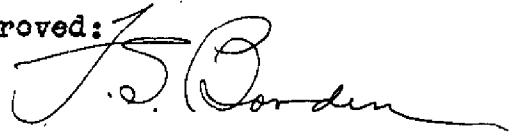
T-1253 in part

T-1254 " "

Examined and approved:



Chief, Surveys Branch



Chief, Division of Charts



Chief, Section of Hydrography



Chief, Division of
Coastal Surveys