

11601

Diag. Cht. No. 6450-2.

Form 504

U. S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT

Type of Survey Shoreline (Photogrammetric)

Field No. Ph-5905 Office No. T-11601

LOCALITY

State Washington

General locality Whidbey Island

Locality Point Partridge

1960

CHIEF OF PARTY

L.G. Taylor, Chief of Party

F. Natella, Portland Photo. Office

LIBRARY & ARCHIVES

DATE September 1964

USCOM-DC 5087

11601

DESCRIPTIVE REPORT - DATA RECORD

T - 11601

Project No. (II): Ph-5905

Quadrangle Name (IV):

Field Office (II): Mt. Vernon, Washington

Chief of Party: Lorne G. Taylor

Photogrammetric Office (III): Portland, Oregon

Unit chiefs: J.C. Lajoie & W. V. Hull

Officer-in-Charge: Lorne G. Taylor
& Fred Natella

Instructions dated (II) (III): 10 Feb. 1960 II

Copy filed in Division of

Supplement 1

5 May 1960 II & III

Photogrammetry (IV)

Method of Compilation (III): Kelsh Stereoscopic Instrument

Manuscript Scale (III): 1:10,000

Stereoscopic Plotting Instrument Scale (III): 1:6000

Scale Factor (III): None

Kelsh Pantograph Scale: 1:10,000

SEP 12 1961

Date received in Washington Office (IV):

Date reported to Nautical Chart Branch (IV):

Applied to Chart No.

Date:

Date registered (IV):

Publication Scale (IV):

Publication date (IV):

Geographic Datum (III): N.A. 1927

Vertical Datum (III):

Mean sea level except as follows: X

Elevations shown as (25) refer to mean high water

Elevations shown as (5) refer to sounding datum

i.e., mean low water or mean lower low water

Reference Station (III): POM, 1942

Lat.: 48° 13' 55.401"

Long.: 122° 45' 56.152"

Adjusted X
Unadjusted

Plane Coordinates (IV):

State: Washington Zone: North

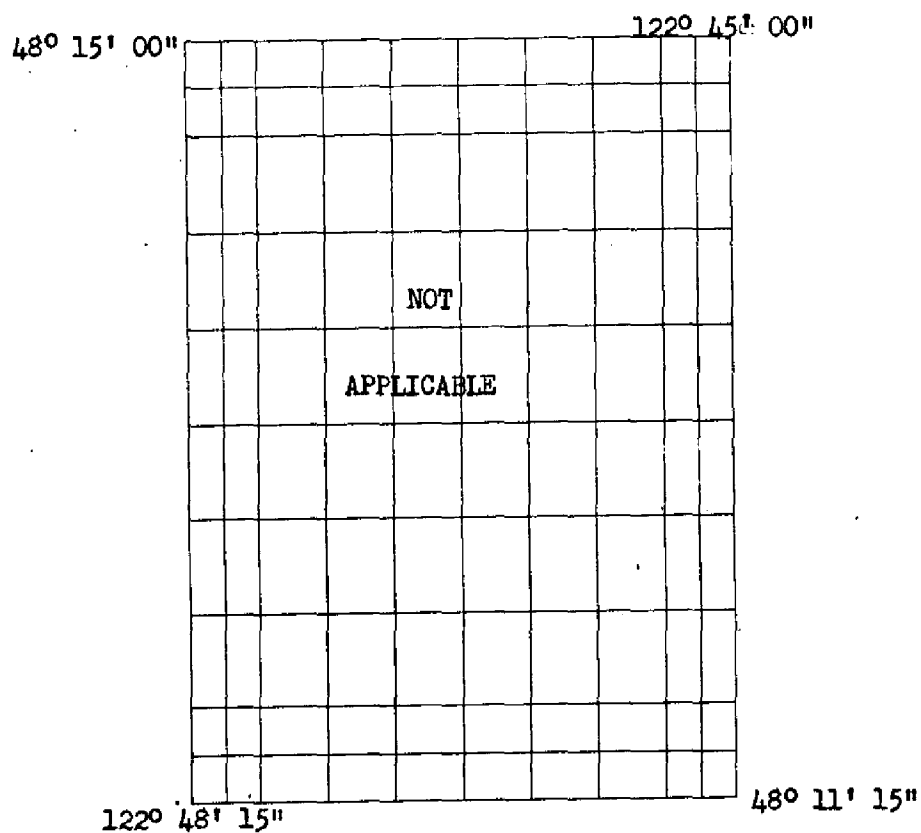
Y= 455,330.43

X= 1,529,103.58

Roman numerals indicate whether the item is to be entered by (II) Field Party, (III) Photogrammetric Office,
or (IV) Washington Office.

When entering names of personnel on this record give the surname and initials, not initials only.

DESCRIPTIVE REPORT - DATA RECORD



Areas contoured by various personnel
(Show name within area)
(II) (III)

DESCRIPTIVE REPORT - DATA RECORD

Field Inspection by (II): L. F. Van Scoy
W. V. Hull, Interior

Date: 6-30-60
June 1960

Planetable contouring by (II):

Date:

Completion Surveys by (II):

Date:

Mean High Water Location (III) (State date and method of location): 6-30-60 by field inspection and
Kelsh Instrument compilation

Projection and Grids ruled by (IV): R.A.C.

Date: 10-6-60

Projection and Grids checked by (IV): J.D.C.

Date: 10-14-60

Control plotted by (III): D. N. Williams

Date: 10-25-60

Control checked by (III): J. L. Harris

Date: 10-26-60

Radial Plot or Stereoscopic
Control extension by (III):

W. A. Kuncis

Date: 6-9-60

Stereoscopic Instrument compilation (III):

Planimetry D. N. Williams

Date: 11-16-60

Contours

Date:

Manuscript delineated by (III):

L. L. Graves, Scribing
C. C. Harris, Stick-up

Date: 11-29-60
4-13-61

Photogrammetric Office Review by (III):

J. L. Harris, rough draft
J. E. Deal, advance

Date: 11-21-60
5-15-61

Elevations on Manuscript
checked by (II) (III):

Date:

DESCRIPTIVE REPORT - DATA RECORD

5.

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

Camera (kind or source) (III): USC&GS Single lens "S"

PHOTOGRAPHS (III)				
Number	Date	Time	Scale	Stage of Tide
60-S-2628	4-26-60	10:10	1:30,000	At M.L.L.W.

Tide (III)

Reference Station: Port Townsend, Washington
Subordinate Station: Admiralty Head, Washington
Subordinate Station:

Diurnal		
Ratio of Ranges	Mean Range	Spring Range
	5.1	8.3
	5.2	8.4

Washington Office Review by (IV):

Date:

Final Drafting by (IV):

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Date:

Land Area (Sq. Statute Miles) (III): 1.6
Shoreline (More than 200 meters to opposite shore) (III): 3
Shoreline (Less than 200 meters to opposite shore) (III): None
Control Leveling - Miles (II):
Number of Triangulation Stations searched for (II): 2 Recovered: 1 Identified: 1
Number of BMs searched for (II): None Recovered: Identified:
Number of Recoverable Photo Stations established (III): 1*
Number of Temporary Photo Hydro Stations established (III): None

Remarks:

* 1 Aid to Navigation

FIELD INSPECTION REPORT

Map Manuscript T-11601

Project Ph-5905

Refer to the Field Inspection Report for the entire Project
Ph-5905 by Wesley V. Hull, February 1960 to September 1960.

Filed with Desc. Report T-11584

PHOTOGRAMMETRIC PLOT REPORT

Map Manuscript T-11601

Project Ph-5905

Refer to the combined Photogrammetric Plot Report (Stereoplanigraph Bridge) for Strips 1, 3, 4, 5, 6, 7, 8, 9, 10 and 11 by Willard A. Kuncis, July 1960.

Filed with Desc. Report T-11584

MAP T-11601

PROJECT NO. Ph-5905

SCALE OF MAP 1:10,000.

SCALE FACTORNone

[illegible]

1 FT. = 3048006 METER

COMPUTED BY: J.L.H.

DATE 9-20-60

CHECKED BY: J.E.D.

DATE 9-21-60

COMM-DC-57843

COMPILATION REPORT

Map Manuscript T-11601

Project Ph-5905

Items 31 and 32:

Refer to Descriptive Report for T-11597 (1960).

33. Supplemental Data:

Map of Island County, Washington, Scale 1 inch = 1 mile,
compiled by Island County Engineer, March 1958.

Items 34 thru 36:

Refer to Descriptive Report for T-11597 (1960).

37. Landmarks and Aids:

There are no landmarks. Form 567 is submitted for one fixed aid to navigation which was identified in the field and located by Kelsh Instrument.

38. Control for Future Surveys:

The fixed aid to navigation is listed under Item 49, Notes to the Hydrographer.

39. Junctions:

A satisfactory junction was made with T-11602 on the east and on the north a junction was made with planimetry compiled in the west marginal area of T-11594. On the west and south is the Strait of Juan De Fuca.

40. Horizontal and Vertical Accuracy:

Refer to Descriptive Report for T-11597 (1960).

41. Cable Crossings:

Refer to correspondence attached relative to "end of submerged cable" shown at Point Partridge.

46. Comparison with Existing Maps:

Comparison was made with U.S.G.S. Port Pownsend North, Wash., 7½ minute quadrangle, Scale 1:24,000, Published 1953.

47. Comparison with Nautical Charts:

Comparison was made with Nautical Chart No. 6450, Scale 1:80,000, 11th Edition, Revised 9-5-60 corrected through 4-15-61.

Items to be Applied to Nautical Charts Immediately.


None.


Items to be Carried Forward.

None.

Approved:

Respectfully submitted:


Fred Natella, CAPT, C&GS
Portland District Officer


J. Edward Deal
Cartographer, C&GS

49. Notes to the Hydrographer:

Form 567 is submitted showing the scaled geographic position of Point Partridge Light, 1960.

No photo-hydro stations were selected in the field or located at the compilation office.

PHOTOGRAMMETRIC UNIT
405 Custom House
Portland 9, Oregon

AIR MAIL

16 May 1961

To: The Director

Attention: Office of Cartography
Nautical Chart Division
Coast and Geodetic Survey
Washington 25, D. C.

Subject: Submerged cable - Chart No. 6450

During field inspection in June 1960 for shoreline mapping in Puget Sound, Washington, "the end of a submerged cable" was found at Point Partridge.

The enclosed section of Chart No. 6450 shows the location. This copy of the chart is revised 9/5/60 and corrected to 4/15/61. Previous issues of Chart No. 6450 show a cable crossing in this vicinity north of the point located by field inspection.

Please advise if this crossing no longer exists.

J. Edward Deal, Cartographer
for
Fred Matella, CAPT, C&GS
Portland District Officer

cc: Chief, Photogrammetry Division
JED/bpe
Encl.

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY
WASHINGTON 25, D.C.

IN REPLY, PLEASE ADDRESS THE
DIRECTOR, COAST AND GEODETIC
SURVEY, AND NOT THE NUMBER
OF THIS LETTER, AND RETURN TO

NO. 5311

20 May 1961

To: Portland District Officer
Coast and Geodetic Survey
114 U.S. Court House
Portland 5, Oreg.

Subject: Submerged Cable - Chart No. 6450

The cable crossing referred to in your letter
of 16 May 1961, and which was shown on Chart 6450 prior
to the 5 September 1960 printing, no longer exists. The
deletion was recommended by the Corps of Engineers in a
letter to this office dated 22 October 1959.

We have no knowledge of a cable crossing
terminating at the location shown on the chart
enclosed in your letter.

W. H. H. H.
Deputy Director

Mr. Leonard F. Van Scoy
Nakiltso, Washington

5-26-61

Photogrammetric Unit
Portland, Oregon

Cable Crossing, Point Partridge, Washington

Dear Van;

Your attention is called to "fishbone" and submerged cable crossing identified on field inspection photograph 60 S 2725. Editions of Nautical Chart 6450 printed after 5 sept. 1960 show no cable crossings in this area. Previous to this date a cable crossing was shown terminating north of Point Partridge "Hovers Grove". According to the enclosed letter the Washington Office does not have any knowledge of a cable crossing now existing in this area particularly at the place identified on photo 60 S 2725. It is requested that you contact the U. S. Coast Guard or other people who have knowledge of these structures and clarify this condition.

J. Edward Beal - Cartographer, U.S.

Memorandum • UNITED STATES GOVERNMENT

TO : Mr. Van Scoy

DATE: 6/1/61

FROM : J. Edward Beal

SUBJECT: Cable crossing Point Partridge

The cable was seen off shore by signal
light was last seen about 5 years ago.
Recently, another cable crossing sign marking
seen and is still in place and this was picked
up by field inspection. This information was obtained
from the Engineering Dept. of the U.S. Coast
Guard.

Respectfully,

John E. Beal

PHOTOGRAMMETRIC OFFICE REVIEW

T-11601

1. Projection and grids X 2. Title X 3. Manuscript numbers X 4. Manuscript size X

CONTROL STATIONS

5. Horizontal control stations of third-order or higher accuracy X 6. Recoverable horizontal stations of less than third-order accuracy (topographic stations) X 7. Photo hydro stations None 8. Bench marks None 9. Plotting of sextant fixes None 10. Photogrammetric plot report X 11. Detail points X

ALONGSHORE AREAS

(Nautical Chart Data)

12. Shoreline X 13. Low-water line X 14. Rocks, shoals, etc. X 15. Bridges None 16. Aids to navigation X 17. Landmarks None 18. Other alongshore physical features X 19. Other along-shore cultural features X

PHYSICAL FEATURES

20. Water features X 21. Natural ground cover X 22. Planetable contours None 23. Stereoscopic instrument contours None 24. Contours in general None 25. Spot elevations None 26. Other physical features None

CULTURAL FEATURES

27. Roads X 28. Buildings X 29. Railroads X 30. Other cultural features X

BOUNDARIES

31. Boundary lines None 32. Public land lines None

MISCELLANEOUS

33. Geographic names X 34. Junctions X 35. Legibility of the manuscript X 36. Discrepancy overlay None 37. Descriptive Report X 38. Field inspection photographs X 39. Forms X40. _____
Reviewer J. Edward Deal
Supervisor, Review Section or Unit

41. Remarks (see attached sheet)

FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT

42. Additions and corrections furnished by the field completion survey have been applied to the manuscript. The manuscript is now complete except as noted under item 43.

Compiler_____
Supervisor

43. Remarks:

M-2623-12

T-11601

48. Geographic Names:

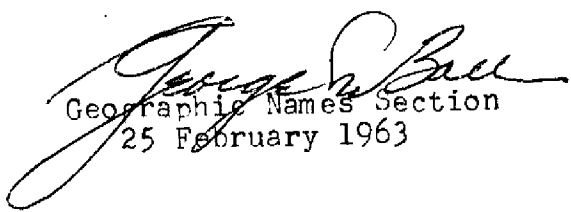
Lake Pondilla

Point Partridge

Strait of Juan de Fuca

West Beach

Whidbey Island


Geographic Names Section
25 February 1963

Review Report
Shoreline Surveys
T-11601 through T-11610
March 1964

61. General Statement

These are ten (10) shoreline maps of Project PH 5905, Puget Sound, Washington. These maps were prepared primarily to provide basic maps, including the location of all non-floating aids and landmarks for use in revising our nautical charts and for control of proposed hydrographic surveys.

62. Comparison with Registered Topographic Surveys

T-1254	1:10,000	1871
T-1755	1:20,000	1886
T-1994	1:20,000	1888
T-2011	1:20,000	1888
T-1253	1:10,000	1871
T-6767	1:10,000	1940
T-6768	1:10,000	1940

There are cultural and shoreline changes due to the difference in time interval. The shoreline has eroded approximately 30 to 40 meters in some areas. T-11601 through T-11610 are to supersede the above listed surveys of common areas for nautical charting.

63. Comparison with Maps of Other Agencies

Port Townsend North	1:24,000	1953
Coupeville	1:24,000	1953
Camano	1:24,000	1953
Juniper Beach	1:24,000	1956
Stanwood	1:24,000	1956
Arlington West	1:24,000	1956

There are small cultural and shoreline differences but in general the agreement is good.

64. Comparison with Contemporary Hydrographic Surveys

H-8542	1:10,000	1960
H-8543	1:10,000	1960
H-8544	1:10,000	1960

Shoreline and control of the subject surveys was furnished prior to the hydrographic surveys and apparently no difference exist.

65. Comparison with Nautical Charts

6450	1:80,000	1961 revised to 1963
18453.	1:80,000	1963
S.C.		

There are only minor differences between the charts and the manuscript.

66. Accuracy of Results and Future Surveys

These surveys were constructed according to project instructions and are within the requirements for adequacy and accuracy.

Reviewed by:

L. C. Lande

L. C. Lande

Approved by:

Charles J. Lunn
Chief, Photogrammetric Branch

Chief, Nautical Chart Division

M. E. Math
Chief, Photogrammetry Division

Acting

