

11611

orig

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-11611

LOCALITY

State Washington

General locality Whidbey Island, Puget Sound

Locality Admiralty Inlet

1960

CHIEF OF PARTY

Lorne G. Taylor & Fred Natella

LIBRARY & ARCHIVES

DATE April 1964

USCOMM-DC 5087

11611

DESCRIPTIVE REPORT - DATA RECORD

T - 11611

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 Chief: 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 1961 II & III

Photogrammetry (IV)

Method of Compilation (III): Kelsh Stereoscopic Instrument

Manuscript Scale (III): 1:10,000

Stereoscopic Plotting Instrument Scale (III): 1:6000

Kelsh Pantograph Scale 1:10,000

Scale Factor (III): None

Date received in Washington Office (IV):

SEP 12 1961

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): None on manuscript (Refer to T-11612)

Lat.:

Long.:

Adjusted
Unadjusted

Plane Coordinates (IV):

State:

Zone:

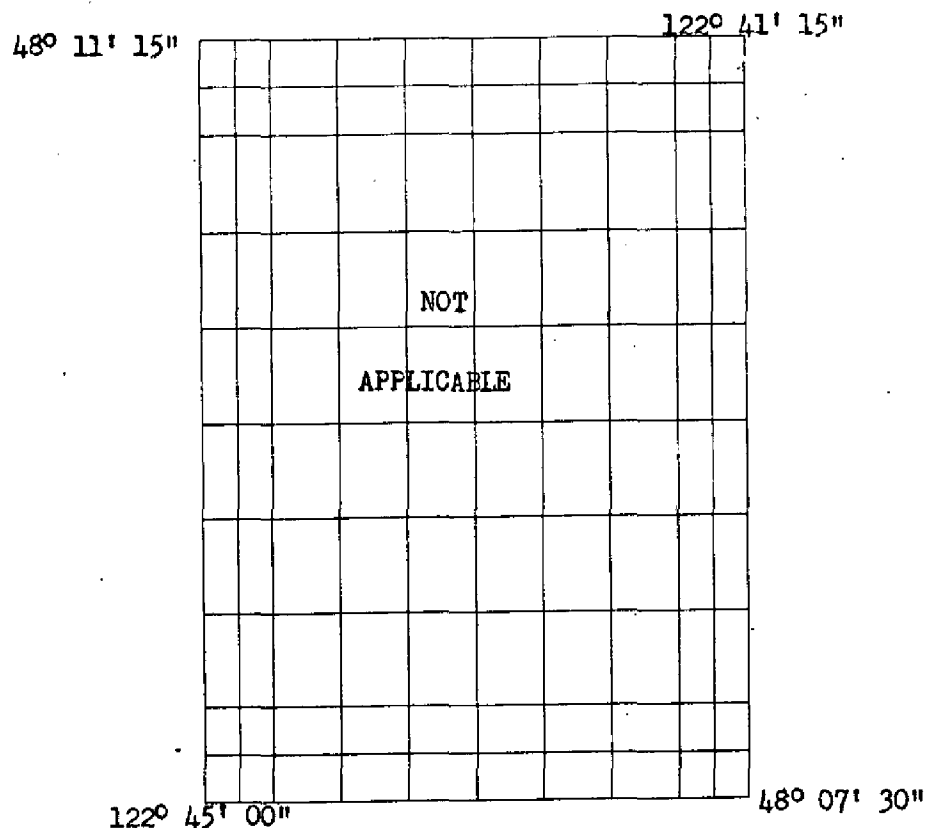
Y=

X=

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, Shoreline
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): 30 June 1960 by field inspection
and Kelsh Stereoscopic Instrument compilation.

Projection and Grids ruled by (IV): R. A. C. Date: 9-26-60

Projection and Grids checked by (IV): Dempsey Date: 9-29-60

Control plotted by (III): None Date:

Control checked by (III): Date:

Radial Plot or Stereoscopic
Control extension by (III): W. A. Kuncis Date: 6-9-60

Planimetry D. N. Williams Date: 11-29-60
Stereoscopic Instrument compilation (III):
Contours Date:

Manuscript delineated by (III): C. C. Harris, Scribing Date: 1-6-61
C. C. Harris, Stick-up 4-19-61

Photogrammetric Office Review by (III): C. C. Harris, rough draft Date: 12-9-60
J. E. Deal, advance 5-18-61

Elevations on Manuscript
checked by (II) (III): None Date:

DESCRIPTIVE REPORT - DATA RECORD

Camera (kind or source) (III): U.S.C. & G.S. Single lens "S"

Number	Date	PHOTOGRAPHS (III)		Scale	Stage of Tide
		Time			
60-S-2631	4-26-60	10:15		1:30,000	0.1 above 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): 0.6

Shoreline (More than 200 meters to opposite shore) (III): 1.0

Shoreline (Less than 200 meters to opposite shore) (III): None

Control Leveling - Miles (II):

Number of Triangulation Stations searched for (II): 0

Recovered: 0

Identified: 0

Number of BMs searched for (II): None

Recovered:

Identified:

Number of Recoverable Photo Stations established (III): None

Number of Temporary Photo Hydro Stations established (III): None

Remarks:

FIELD INSPECTION REPORT

Map Manuscript T-11611

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-11611

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*

COMPILATION REPORT

Map Manuscript T-11611

Project Ph-5905

Items 31 and 32:

In general the remarks contained under these headings in the Descriptive Report for T-11597 (1960) are applicable to T-11611.

33. Supplemental Data:

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

34. Contours and Drainage:

Contours are not applicable.

No drainage was indicated by field inspection. None was shown on the U.S.G.S. quadrangle and none could be delineated during compilation.

Items 35 and 36:

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

37. Landmarks and Aids:

None.

38. Control for Future Surveys:

None.

39. Junctions:

Satisfactory junctions were made with T-11602 on the north and T-11612 on the east. To the west and south is Admiralty Inlet.

40. Horizontal and Vertical Accuracy:

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

46. Comparison with Existing Maps:

Comparison was made with U.S.G.S. 7½ minute Coupeville, Wash. quadrangle, Scale 1:24,000, Edition of 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.

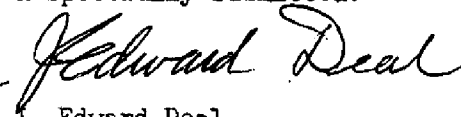
Items to be Carried Forward.

None.

Approved:


Fred Natella, CAPT, C&GS
Portland District Officer

Respectfully submitted:


J. Edward Deal,
Cartographer, C&GS

49: Notes to the Hydrographer:

None.

PHOTOGRAMMETRIC OFFICE REVIEW

T-11611

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 None 6. Recoverable horizontal stations of less than third-order accuracy (topographic stations) None 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 None 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 X

CULTURAL FEATURES

27. Roads X 28. Buildings X 29. Railroads None 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 X

40. _____
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

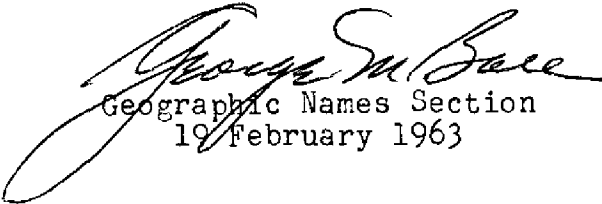
43. Remarks:

T-11611

48. Geographic Names:

Admiralty Inlet

Whidbey Island


Geographic Names Section
19 February 1963

Review Report
Shoreline Surveys
T-11611 thru T-11616
February 1964

61. General Statement

These are six (6) 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-1164	1:10,000	1870
T-1254	1:10,000	1871
T-1755	1:20,000	1886
T-1994	1:20,000	1888
T-6767	1:10,000	1940
T-6909	1:10,000	1942

There are cultural and shoreline changes due to the difference in time interval. These map manuscripts are to supersede the above listed surveys of common area for nautical charting.

63. Comparison with Maps of Other Agencies

Coupeville	1:24,000	1953
Camano	1:24,000	1953
Juniper Beach	1:24,000	1956
Stanwood	1:24,000	1956

There are minor cultural and shoreline changes due to the difference in survey dates.

64. Comparison with Contemporary Hydrographic Surveys

H-8544	1:10,000	1960
H-8699	1:10,000	1961

Shoreline and control of subject surveys was furnished prior to the hydrographic surveys and apparently, no differences were found or applied.

65. Comparison with Nautical Charts

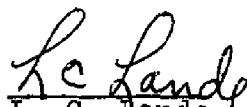
6450	1:80,000	1961 revised to July 1963
1845.C.	1:80,000	1963

See item 47.

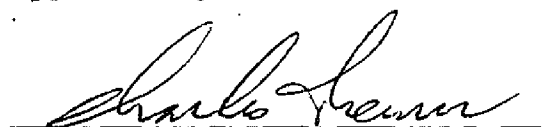
66. Accuracy of Results and Future Surveys

These surveys were prepared according to project instructions and are within the requirement's for adequacy and accuracy.

Reviewed by:


L. C. Lande

Approved by:


Chief, Photogrammetric Branch


Chief, Photogrammetry Division

