

11622

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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-11622

LOCALITY

State Washington

General locality Tulalip Indian Reservation

Locality - Tulalip

1959-1960

CHIEF OF PARTY

Lorne G. Taylor & Fred Natella

LIBRARY & ARCHIVES

DATE September 1964

USCOMM-DC 5087

11622

DESCRIPTIVE REPORT - DATA RECORD

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Project No. (II): Ph-5905

Quadrangle Name (IV):

Field Office (II): Mt. Vernon, Washington

Chief of Party: Lorne G. Taylor

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

Photogrammetric Office (III): Portland, Oregon

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): Graphic

Manuscript Scale (III): 1:10,000

Stereoscopic Plotting Instrument Scale (III):

Scale Factor (III): None

Date received in Washington Office (IV):

NOV 6

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): X

Mean sea level except as follows:

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): WUTEL, 1941 (East of manuscript)

Lat.: 48° 07' 22.539"

Long.: 122° 14' 15.170"

Adjusted X

Unadjusted

Plane Coordinates (IV):

State: Washington Zone: North

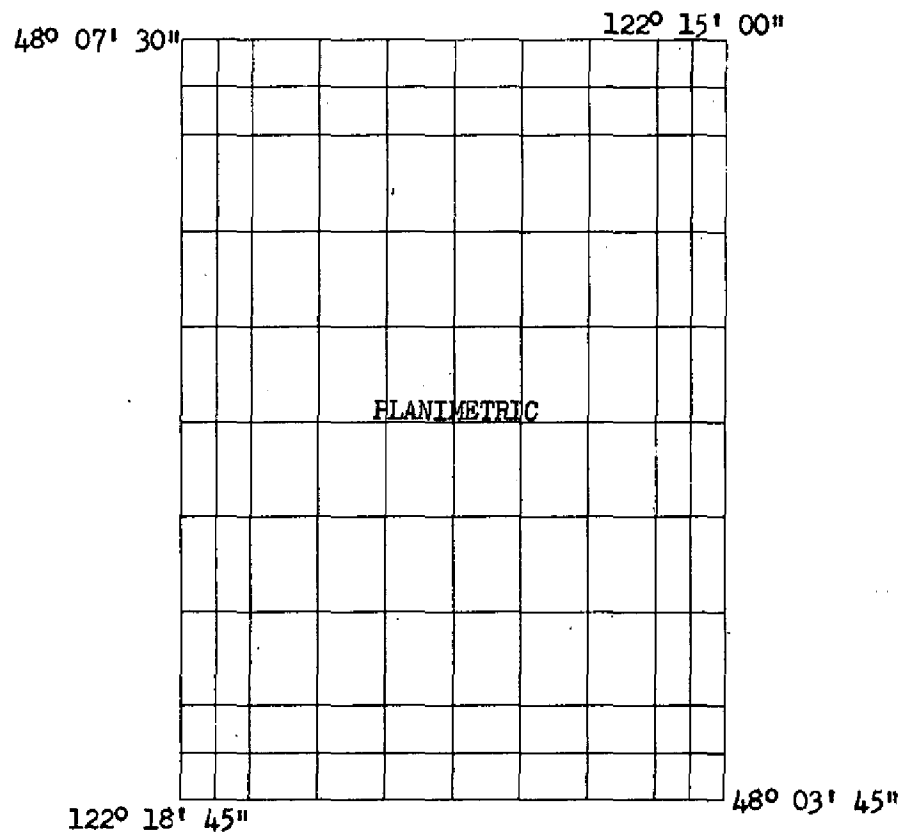
Y= 412,738.79

X= 1,657,047.17

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): W. V. Hull, R. B. Melby
& L. F. Van Scoy Date: July & Aug. 1960

Planetable contouring by (II): Date:

Completion Surveys by (II): Date:

Mean High Water Location (III) (State date and method of location): 7-13 & 7-14-60 by field inspection
and graphic compilation.

Projection and Grids ruled by (IV): J. Keefer Date: 7-12-60

Projection and Grids checked by (IV): W. S. Date: 8-17-60

Control plotted by (III): C. C. Harris Date: 10-11-60

Control checked by (III): L. L. Graves Date: 10-11-60

Radial Plot or Stereoscopic
Control extension by (III): J. L. Harris Date: 2-14-61

Stereoscopic Instrument compilation (III):
Planimetry Date:
Contours Date:

Manuscript delineated by (III):
L. L. Graves, Rough Draft Date: 4-6-61
L. L. Graves, Scribing Date: 7-14-61
C. C. Harris, Stick-up Date: 9-1-61

Photogrammetric Office Review by (III):
C. C. Harris, Rough Draft Date: 4-21-61
J. E. Deal, Advance Date: 9-21-61

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): C&GS 9-lens, Focal length 8.25 inches.

Number	Date	Time	Scale	Stage of Tide
60023	9-9-59	09:03	1:10,000	9.0' above M.L.L.W.
60201 & 60202	"	11:05	"	9.4' above M.L.L.W.

Tide (III)

Reference Station: Seattle, Washington
Subordinate Station: Tulalip, Washington
Subordinate Station:

Ratio of Ranges	Durinal	
	Mean Range	Spring Range
	7.6	11.3
	7.6	11.2

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): 12.6

Shoreline (More than 200 meters to opposite shore) (III): 2

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

Control Leveling - Miles (II):

Number of Triangulation Stations searched for (II): 2

Recovered: 2

Identified: 2

Number of BMs searched for (II): 4

Recovered: 3

Identified: 1

Number of Recoverable Photo Stations established (III): None

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

Remarks:

FIELD INSPECTION REPORT

Map Manuscript T-11622

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-11622

Project Ph-5905

Refer to the Photogrammetric Plot Report for the combined radial plot for map manuscripts T-11621, T-11622 and T-11628 thru T-11630 which is included in the Descriptive Report for T-11621 (1960).

COMPILATION REPORT

Map Manuscript T-11622

Project Ph-5905

31. Delineation:

Graphic methods were used for the compilation work. Photography was adequate. Some roads were not classified by the field inspection unit and these were delineated in the office with reference to the Tulalip, Washington, U.S.G.S. 7½ minute quadrangle.

32. Control:

Horizontal Control was adequate.

33. Supplemental Data:

None.

34. Contours and Drainage:

Contours are not applicable.

Drainage not field inspected was delineated at the compilation office with reference to the Tulalip, Washington, U.S.G.S. 7½ minute quadrangle.

35. Shoreline and Alongshore Details:

The mean high-water line was spot located by field inspection and delineated during compilation.

Photography was made at high-water and no shoal lines or approximate low-water lines are shown.

The character of the foreshore areas furnished by field inspection has been noted along the mean high-water line.

36. Offshore Details:

Refer to the Descriptive Report for T-11617 (1960).

37. Landmarks and Aids:

There are no aids to navigation.

Form 567 is submitted recommending the charting of a nautical landmark at Tulalip, Washington

38. Control for Future Surveys:

None.

39. Junctions:

Satisfactory junctions were made with T-11621 on the west and T-11628 on the south. There are no contemporary surveys to the north and east.

Items 40, 46 and 47:

Refer to the Descriptive Report for T-11627 (1960).

Approved:

Respectfully submitted:

Fred Natella *J. Edward Deal*
 Fred Natella, CAPT, C&GS J. Edward Deal
 Portland District Officer Cartographer

49. Notes to the Hydrographer:

None.

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COMPILATION RECORD	COMPLETION DATE	REMARKS
1. Alongshore area for hydro.	Mar. 30, 1961	
4. Interior details added Compilation complete	Sept. 21, 1961	

PHOTOGRAMMETRIC OFFICE REVIEW

T. 11622

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) 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 None 14. Rocks, shoals, etc. X 15. Bridges None 16. Aids to navigation None 17. Landmarks X 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 X 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. C.C.Harris J. Edward Deal

Reviewer

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

48. Geographic Names:

Fryberg Lake

Hermosa Point

Lake Agnes

Lake Shoecraft

Mary Shelton Lake

Port Susan

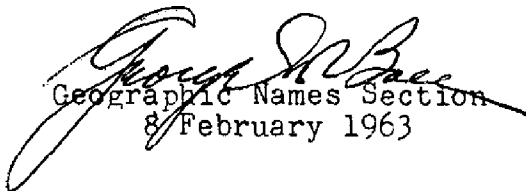
Tulalip

Tulalip Bay.

Tulalip Creek

Tulalip Indian Reservation

Weallup Lake


Geographic Names Section
8 February 1963

Review Report
Shoreline Surveys
T-11617 through T-11622
January 1964

61. General Statement

There 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-1388a	1:10,000	1872
T-1682	1:20,000	1885
T-1775	1:20,000	1886
T-1994	1:20,000	1888

These surveys agree with subject manuscripts as well as could be expected under consideration of the time interval. These map manuscripts are to supersede the above listed surveys of common areas for nautical charting.

63. Comparison with Maps of Other Agencies

Freeland	1:24,000	1953
Langely	1:24,000	1953
Tulalip	1:24,000	1956

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

64. Comparison with Contemporary Hydrographic Surveys

H-8609	1:10,000	1960
H-8699	1:10,000	1961

Shoreline and control of the subject surveys was furnished prior to the hydrography and as no changes of importance have been made there is good agreement.

65. Comparison with Nautical Charts

6448	1:40,000	1935 revised to 1962
6450	1:80,000	1961 revised to 1963
1845.c.	1:80,000	1963

There are no differences of importance between the charts and the manuscripts.

66. Accuracy of Results and Future Surveys

These surveys were prepared according to project instructions, and are within the required accuracy for nautical charting.

Reviewed by:

L. C. Lande
L. C. Lande

Approved by:

Charles Schuman

Chief, Photogrammetric Branch Chief, Nautical Chart Division

M. P. Motta

Chief, Photogrammetry Division

Acting

RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO. T-11621

INSTRUCTIONS

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart.

1. Letter all information.
2. In "Remarks" column cross out words that do not apply.
3. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.

[illegible]