

11593

Orig

Diag. Cht. No. 6300-2.

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-11593

LOCALITY

State Washington

General locality South Fork Skagit River

Locality Conway

1959-1959-60

CHIEF OF PARTY

Lorne G. Taylor & Fred Natella

LIBRARY & ARCHIVES

DATE September 1964

USCOMM-DC 5087

11593

DESCRIPTIVE REPORT - DATA RECORD

T - 11593

Project No. (II): Ph-5905

Quadrangle Name (IV):

Field Office (II): Mt. Vernon, Washington

Chief of Party: Lorne G. Taylor

Unit Chief: 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):

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): FIR (USGS) 1942

Lat: 48° 20' 25.817"

Long.: 122° 20' 29.847"

Adjusted X
Unadjusted

Plane Coordinates (IV):

State: Washington Zone: North

Y= 492,574.74

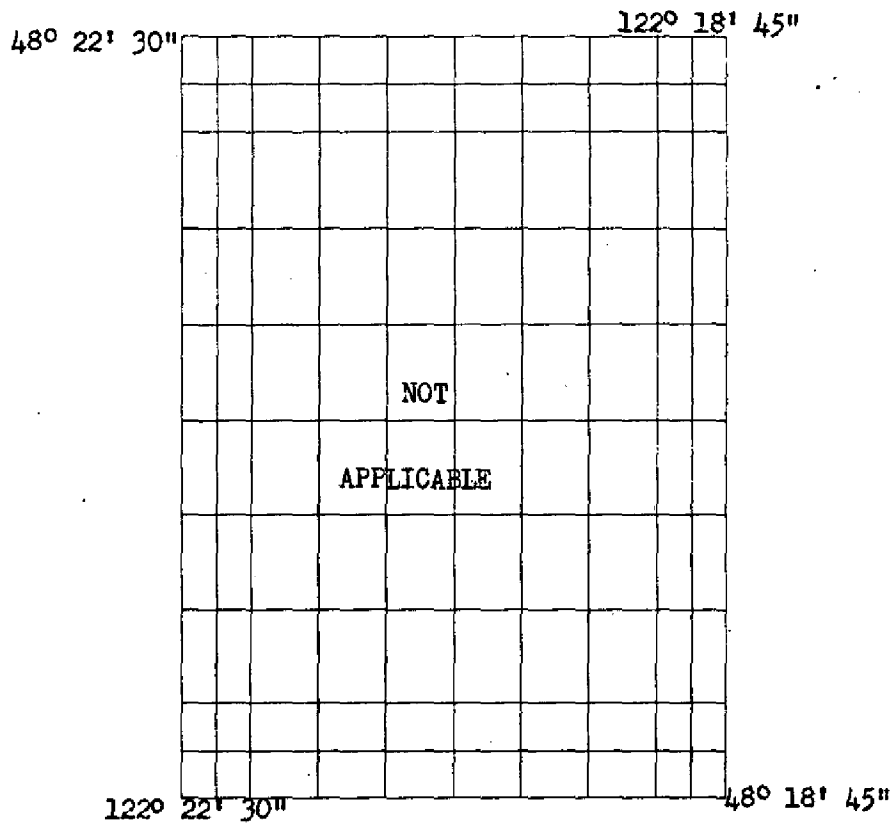
X= 1,633,186.97

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

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY



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

DESCRIPTIVE REPORT - DATA RECORD

Field Inspection by (II): W. V. Hull Date: April & July 1960
R. B. Melby

Planetable contouring by (II): Date:

Completion Surveys by (II): Date:

Mean High Water Location (III) (State date and method of location): 7-12-60 by field inspection and graphic compilation.

Projection and Grids ruled by (IV): J. Keefer Date: 5-24-60

Projection and Grids checked by (IV): W. S. Date: 8-18-60

Control plotted by (III): C. C. Harris Date: 10-4-60

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

Radial Plot or Stereoscopic Control extension by (III): J. L. Harris Date: 10-21-60

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

Manuscript delineated by (III): D. N. Williams, Rough Draft Date: 6-12-61
C. H. Bishop, Scribing 10-3-61
C. C. Harris, Stick-up 12-4-61

Photogrammetric Office Review by (III): C. C. Harris, Rough Draft Date: 6-10-61
J. E. Deal, Advance 12-7-61

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

DESCRIPTIVE REPORT - DATA RECORD

5.

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

Camera (kind or source) (III): C&GS Nine lens - focal length 8.25 inches.

PHOTOGRAPHS (III)				
Number	Date	Time	Scale	Stage of Tide
60118 & 60119	9-9-59	10:10	1:10,000	5.0' above M.L.L.W.

Refer to note in T-11592 for similar tide condition relative
to South Fork Skagit River.

Tide (III)

Reference Station: Seattle, Washington
Subordinate Station: La Conner, Swinomish Slough
Subordinate Station:

Ratio of Ranges	Mean Range	Diurnal
		Spring Range
	7.6	11.3
	3.2	6.5

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): 13.6

Shoreline (More than 200 meters to opposite shore) (III): 5

Shoreline (Less than 200 meters to opposite shore) (III): 5

Control Leveling - Miles (II):

Number of Triangulation Stations searched for (II): 4 Recovered: 4* Identified: 1

Number of BMs searched for (II): 1 Recovered: Identified:

Number of Recoverable Photo Stations established (III): None

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

Remarks:

* 3 are outside project limits.

FIELD INSPECTION REPORT

Map Manuscript T-11593

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 T11584

PHOTOGRAMMETRIC PLOT REPORT

Map Manuscript T-11593

Project Ph-5905

Refer to the combined radial plot report for T-11584 thru T-11586 and T-11589 thru T-11593 which is included in the Descriptive Report for T-11584 (1960).

SCALE FACTOR None

1 FT. = 3048006 METER
COMPUTED BY: C.H.B.
DATE: 9-9-60
CHECKED BY: J.L.H.
DATE: 9-19-60
COMM-DC-57843

COMPILATION REPORT

Map Manuscript T-11593

Project Ph-5905

31. Delineation:

Graphic methods were used to compile the planimetry.

Photograph coverage did not permit compilation of planimetry to the east limits and in the northeast portion of the manuscript.

32. Control:

Horizontal control was adequate.

33. Supplemental Data:

None.

34. Contours and Drainage:

Contours are not applicable.

Drainage was not field inspected. It was easily discernible on the photographs and was delineated with reference to the U.S.G.S. 7½ minute Conway, Washington, quadrangle.

35. Shoreline and Alongshore Details:

The mean high-water line was not field inspected. Tide data is not definite, but by comparison with similar areas having published tide data it is believed the photography was made at high-water. The shoreline of the photographs was detailed as the mean high-water line.

Alongshore features have been compiled as indicated by field inspection.

Foreshore characteristics were not field inspected.

There are no low-water or shoal lines shown.

The field inspection did not furnish any information as to whether or not any of the streams shown on this manuscript are navigable. None are charted on a nautical chart.

36. Offshore Details:

There is numerous piling adjacent and just offshore from the mean high-water line.

37. Landmarks and Aids:

None.

38. Control for Future Surveys:

None.

39. Junctions:

Satisfactory junctions were made on the west with T-11592, and on the south with T-11600. There are no contemporary surveys to the north and east.

40. Horizontal and Vertical Accuracy:

Vertical accuracy is not applicable.

There are no areas believed to be of sub-normal horizontal accuracy.

46. Comparison with Existing Maps:

Comparison was made with U.S.G.S. 7½ minute Conway, Washington, quadrangle, Scale 1:24,000, Edition 1956.

47. Comparison with Nautical Charts:

There are no Coast and Geodetic Survey Nautical Charts covering the area of this manuscript. 6300

Approved:

Fred Natella
Fred Natella, CAPT, C&GS
Portland District Officer

Respectfully submitted:

J. Edward Deal
J. Edward Deal
Cartographer

49. Notes to the Hydrographer:

None.

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COMPILATION RECORD	COMPLETION DATE	REMARKS
4- Interior details added , compilation complete.	12-7-61	

PHOTOGRAMMETRIC OFFICE REVIEW

T-11593

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

CONTROL STATIONS

5. Horizontal control stations of third-order or higher accuracy ☒ 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 ☒ 11. Detail points ☒

ALONGSHORE AREAS

(Nautical Chart Data)

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

PHYSICAL FEATURES

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

CULTURAL FEATURES

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

BOUNDARIES

31. Boundary lines none 32. Public land lines none

MISCELLANEOUS

33. Geographic names ☒ 34. Junctions ☒ 35. Legibility of the manuscript ☒ 36. Discrepancy overlay none 37. Descriptive Report ☒ 38. Field inspection photographs ☒ 39. Forms ☒40. Lequita L. Harris
ReviewerEdward 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

48. Geographic Names:

Brandstedt Slough

Conway

Deepwater Slough

Erickson Island

Fir Island

Freshwater Slough

Milltown *Island*

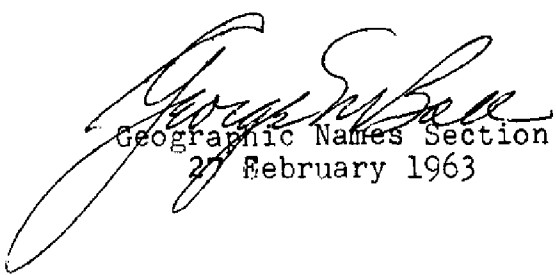
Old River

South Fork Skagit River

Steamboat Slough

Tom Moore Slough

Wiley Slough


Geographic Names Section
27 February 1963

Review Report
Shoreline Surveys
T-11584 thru T-11593
May 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-1252	1:10,000	1871
T-2156	1:20,000	1889
T-2856	1:20,000	1908
T-6684b	1:10,000	1939
T-6685a&b	1:10,000	1939
T-6686	1:10,000	1939
T-6687	1:5,000	1939
T-6689	1:5,000	1939
T-6769	1:10,000	1940

Agreement with the above surveys is in general fair. There are many differences most of which are due to natural changes, but the general picture presented by the above surveys are reasonably similar to that of the present surveys. The above surveys are to be superseded for the common area.

63. Comparison with Maps of Other Agencies

Deception Pass	1:62,500	1951
Utsalady	1:24,000	1956
Conway	1:24,000	1956

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

64. Comparison with Contemporary Hydrographic Surveys

None

65. Comparison with Nautical Charts

See item 47.

66. Accuracy of Results and Future Surveys

These surveys comply with instructions and meet the National Standard of Map Accuracy.

Reviewed by:

L. C. Lande
L. C. Lande

Approved by:

Charles H. Hannon
Chief, Photogrammetric Branch

Chief, Nautical Chart Division

J. E. Waugh 7/27/64
Chief, Photogrammetry Division

RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO. T-11593

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]