

11612

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-11612

LOCALITY

State Washington

General locality Admiralty Inlet

Locality Admiralty Head

1960

CHIEF OF PARTY

Lorne G. Taylor & Fred Natella

LIBRARY & ARCHIVES

DATE April 1964

USCOMM-DC 5087

11612

DESCRIPTIVE REPORT - DATA RECORD

T - 11612

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
Supplement. 1, 5 May 1960 II & III

Copy filed in Division of
Photogrammetry (IV)

Method of Compilation (III): Kelsh Stereoscopic Instrument

Manuscript Scale (III): 1:10,000

Stereoscopic Plotting Instrument Scale (III): 1:6000
Pantograph Scale 1:10,000

Scale Factor (III): None

Date received in Washington Office (IV):

SEP 18 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): ADMIRALTY WEST BASE, 1921

Lat.: 48° 09' 37.350"

Long.: 122° 40' 03.960"

Adjusted X
Unadjusted

Plane Coordinates (IV):

State: Washington Zone: North

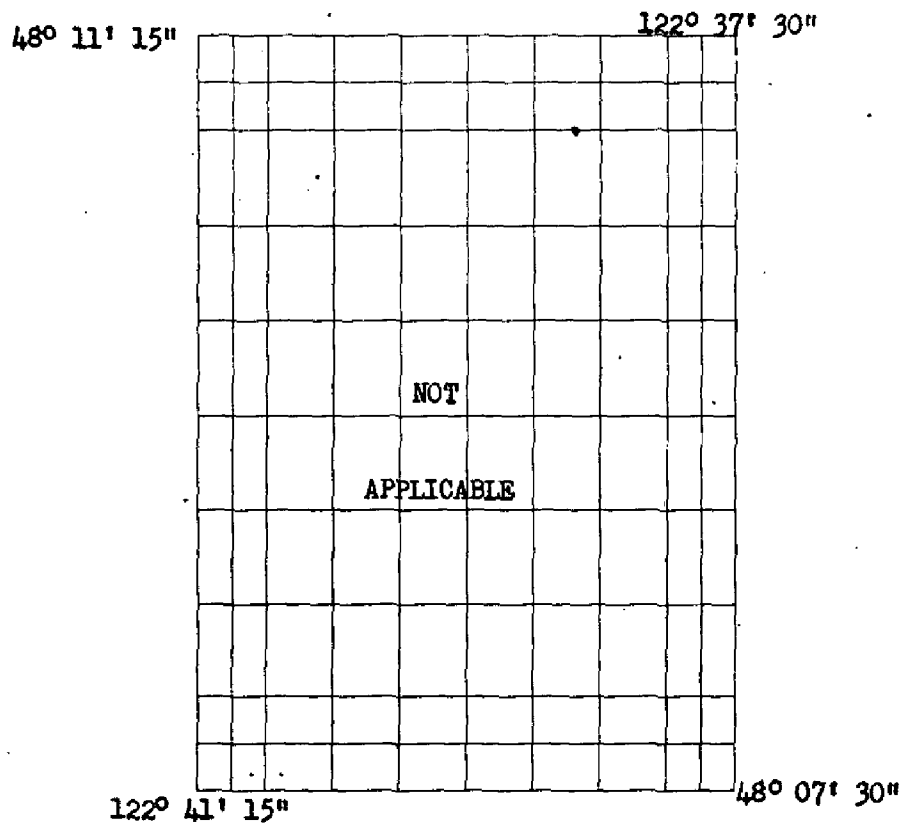
Y= 428,606.06

X= 1,552,317.32

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):	L. F. Van Scoy, Shoreline W. V. Hull, Interior	Date: June 1960
Planetable contouring by (II):		Date:
Completion Surveys by (II):		Date:
Mean High Water Location (III) (State date and method of location): June 1960 by field inspection and Kelsh Instrument compilation		
Projection and Grids ruled by (IV):	W. S.	Date: 5-20-60
Projection and Grids checked by (IV):	Dempsey	Date: 5-21-60
Control plotted by (III):	L. L. Graves	Date: June 1960
Control checked by (III):	J. L. Harris	Date: June 1960
Radial Plot or Stereoscopic Control extension by (III):		Date:
	Planimetry D. N. Williams	Date: 12-7-60
Stereoscopic Instrument compilation (III):	Contours	Date:
Manuscript delineated by (III):	C. C. Harris, Scribing C. C. Harris, Stick-up	Date: 1-20-61 4-19-61
Photogrammetric Office Review by (III):	C. C. Harris, rough draft J. E. Deal, advance	Date: 12-9-60 6-14-61
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-2633	4-26-60	10:13	1:30,000	0.1' above M.L.L.W.

Tide (III)

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

Ratio of Ranges	Mean Range	Diurnal
		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): **6**
Shoreline (More than 200 meters to opposite shore) (III): **4**
Shoreline (Less than 200 meters to opposite shore) (III): **None**
Control Leveling - Miles (II):
Number of Triangulation Stations searched for (II): **12** Recovered: **10** Identified: **2**
Number of BMs searched for (II): **5 TBM** Recovered: **5 TBM** Identified: **5 TBM**
Number of Recoverable Photo Stations established (III): **None ***
Number of Temporary Photo Hydro Stations established (III): **None**

Remarks:

*** 1 - Recoverable Topographic Station was searched for but not recovered.**

FIELD INSPECTION REPORT

Map Manuscript T-11612

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-11612

Project Ph-5905

Refer to Photogrammetric Plot Report for T-11598 thru T-11600
T-11606 thru T-11610 and T-11616 which is included in the Descrip-
tive Report for T-11598 (1960).

MAP T-11612.

PROJECT NO. Ph-5905

SCALE OF MAP 1:10,000

SCALE FACTOR

[illegible]

1 FT. = .3048006 METER

1 FT. = .3048006 M
COMPUTED BY:

U. I. N. H.

DATE _____

7-8-60
9-21-60

CHECKED BY:

ॐ नमः शिवाय

DATE _____

7-12-60
12-9-60

COMM-DC-57843

COMPILATION REPORT

Map Manuscript T-11612

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-11612.

33. Supplemental Data:

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

Plan Fort Casey Historical State Park Boundary, State of Washington - State Park and Recreation Commission, Scale 1" = 200'.

34. Contours and Drainage:

Contours are not applicable.

Drainage not field inspected was delineated by Kelsh Instrument and reference to U.S.G.S. quadrangle.

Items 35 and 36:

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

37. Landmarks and Aids:

There are no landmarks.

Form 567 is submitted for one aid to navigation.

38. Control for Future Surveys:

None.

39. Junctions:

Satisfactory junctions were made with T-11603 on the north, T-11611 on the west and T-11613 on the east. To the south is Admiralty Bay.

49. 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.

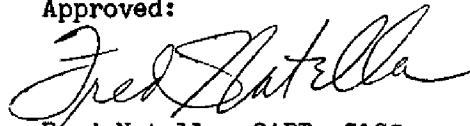
Items to be Applied to Nautical Charts Immediately:

None.

Items to be Carried Forward: .

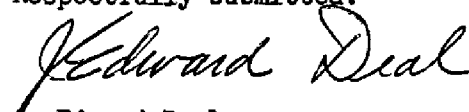
None.

Approved:



Fred Natella, CAPT, C&GS
Portland District Officer

Respectfully submitted:



E. Edward Deal
Cartographer, C&GS

48. Geographic Names:

Admiralty Bay

Admiralty Head

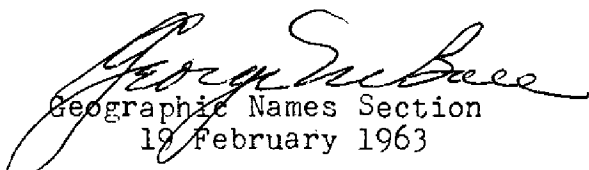
Admiralty Inlet

Crockett Lake

Fort Casey State Park

Keystone Harbor

Whidbey Island


Geographic Names Section
19 February 1963

49. Notes to the Hydrographer:

None

PHOTOGRAMMETRIC OFFICE REVIEW

T-11612

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 X 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 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

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

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 requirements for adequacy and accuracy.

Reviewed by:

L. C. Dande
L. C. Dande

Approved by:

Charles L. Lavin
Chief, Photogrammetric Branch

J. E. Waugh 5/26/64
Chief, Photogrammetry Division

