

12063

DMZ

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-6101 Office No. T-12063

LOCALITY

State WASHINGTON

General locality ADMIRALTY INLET

Locality IRONDALE

1960-1962

CHIEF OF PARTY

FRED NATELLA

LIBRARY & ARCHIVES

DATE May 1964

USCOMM-DC 5087

12063

DESCRIPTIVE REPORT - DATA RECORD
T - 12063

PROJECT NO. (II):

PH-6101

FIELD OFFICE (II):

PORT TOWNSEND, WASHINGTON

CHIEF OF PARTY

UNIT CHIEF:

FRED NATELLA
R. B. MELBY

PHOTOGRAMMETRIC OFFICE (III):

PORTLAND, OREGON

OFFICER-IN-CHARGE

FRED NATELLA

INSTRUCTIONS DATED (II) (III): 14 MARCH 1961 II, III
 AMENDMENT 1: 8 MAY 1961 II, III
 AMENDMENT 1: 17 MAY 1961 II, III
 AMENDMENT 4: 14 DECEMBER 1962 III

METHOD OF COMPILATION (III):

KELSH INSTRUMENT

MANUSCRIPT SCALE (III):

1:10,000

STEREOSCOPIC PLOTTING INSTRUMENT SCALE (III): 1:6000

PANTOGRAPH SCALE:

1:10,000

DATE RECEIVED IN WASHINGTON OFFICE (IV):

DATE REPORTED TO NAUTICAL CHART BRANCH (IV):

APPLIED TO CHART NO.

DATE:

DATE REGISTERED (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):

KUHN (USE) 1920

LAT.:

48° 03' 28.484"

LONG.:

122° 45' 58.222"

☒ ADJUSTED☐ UNADJUSTED

PLANE COORDINATES (IV):

391,829.07

x = 1,527,368.16

STATE

WASHINGTON

ZONE

NORTH

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

FIELD INSPECTION BY (II): R. B. MELBY		DATE: Aug.-Oct. 1962
MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION): AUGUST - OCTOBER 1962 BY FIELD INSPECTION.. COMPILATION BY KELSH INSTRUMENT.		
PROJECTION AND GRIDS RULED BY (IV): A.R.		DATE 12-18-62
PROJECTION AND GRIDS CHECKED BY (IV): L.F.B.		DATE 12-21-62
CONTROL PLOTTED BY (III): D. N. WILLIAMS		DATE 12-28-62
CONTROL CHECKED BY (III): R. H. MEYER		DATE 12-28-62
RADIAL PLOT OR STEREOSCOPIC CONTROL EXTENSION BY (III): HENRY P. EICHERT		DATE Dec. 1962
STEREOSCOPIC INSTRUMENT COMPILATION (III):	PLANIMETRY R. H. MEYER	DATE 1-14-63
	CONTOURS	DATE
MANUSCRIPT DELINEATED BY (III): SMOOTH DRAFT: C. C. HARRIS		DATE 3-18-63
SCRIBING BY (III): STICK-UP: C. C. HARRIS		DATE 4-16-63
PHOTOGRAMMETRIC OFFICE REVIEW BY (III): ROUGH DRAFT: J. L. HARRIS ADVANCE: J. L. HARRIS		DATE 3-13-63 4-26-63
REMARKS:		

DESCRIPTIVE REPORT - DATA RECORD

CAMERA (KIND OR SOURCE) (III):

C&GS SINGLE LENS "W"

PHOTOGRAPHS (III)

NUMBER	DATE	TIME	SCALE	STAGE OF TIDE
60 W 1995 THRU 1997	9-21-60	11:36	1:30,000	2.4' ABOVE M.L.L.W.
RATIO PRINTS OF ABOVE AT 1:10,000 ^S SCALE.				COMPUTED FROM PRE- DICTED TIDE TABLE.

TIDE (III)

			RATIO OF RANGES	MEAN RANGE	TOTAL RANGE
REFERENCE STATION: PORT TOWNSEND, WASHINGTON				5.1	8.3
COORDINATE STATION: NONE					
SUBORDINATE STATION:					
WASHINGTON OFFICE REVIEW BY (IV):			DATE:		
PROOF EDIT BY (IV):			DATE:		
NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (II): 15		RECOVERED: 3	IDENTIFIED: 1		
NUMBER OF BM(S) SEARCHED FOR (II): 0		RECOVERED: 0	IDENTIFIED 0		
NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLISHED (III): 0					
NUMBER OF TEMPORARY PHOTO-HYDRO STATIONS ESTABLISHED (III): 1					

REMARKS:

FIELD INSPECTION REPORT

MAP MANUSCRIPT T-12063

PROJECT PH-6101

REFER TO THE FIELD INSPECTION REPORT FOR T-12050 THRU T-12058
AND T-12059 THRU T-12063 INCLUDED WITH THE DESCRIPTIVE REPORT FOR
T-12050. *ALSO REFER TO THE SPECIAL REPORT, NOTES TO COMPILER,
BY ROBERT B. MELBY, DATED 4 AUGUST 1961.

** A part of Desc. Report T12054*

PHOTOGRAMMETRIC PLOT REPORT

MAP MANUSCRIPT T-12063

PROJECT PH-6101:

REFER TO THE PHOTOGRAMMETRIC PLOT REPORT No. 2, BY HENRY P.
EICHERT, DECEMBER 1962 AND INCLUDED WITH THE DESCRIPTIVE REPORT
FOR T-12050.

SCALE FACTOR

1 FT. = 3048006 METER	DATE	12-27-62	CHECKED BY:	R.H.M.	DATE	12-27-62
COMPUTED BY: D.N.W.						

COMM-DC-57843

COMPILATION REPORT

MAP MANUSCRIPT T-12063

PROJECT PH-6101

ITEMS 31 THRU 33:

REFER TO THE COMPILATION REPORT FOR T-12065.

34. CONTOURS AND DRAINAGE:

CONTOURS ARE NOT APPLICABLE.

DRAINAGE WAS COMPILED AS FIELD INSPECTED AND FOUND TO BE IN GOOD AGREEMENT WITH THE U.S.G.S. QUADRANGLE.

35. SHORELINE AND ALONGSHORE DETAILS:

THE MEAN HIGH WATER LINE WAS SPOT LOCATED BY THE FIELD PARTY AND REFINED BY THE KELSH OPERATOR DURING COMPILATION. THE CHARACTER OF THE FORESHORE AREA WAS INDICATED ON THE FIELD PHOTOGRAPHS AND WAS DELINEATED BY SYMBOL OR LABEL. THE SHALLOW LINE SHOWN WAS DETERMINED BY INSPECTION OF THE PHOTOGRAPHY TAKEN AT A PREDICTED TIDE OF 2.4 FEET ABOVE M.L.L.W.

36. OFFSHORE DETAILS:

NONE.

37. LANDMARKS AND AIDS:

ONE TRAVERSE STATION HAS BEEN IDENTIFIED AS A NONFLOATING AID. FORM 567 IS SUBMITTED:

38. CONTROL FOR FUTURE SURVEYS:

ONE PHOTO-HYDRO STATION WAS IDENTIFIED AND LOCATED DURING KELSH INSTRUMENT COMPILATION. ITS DESCRIPTION AND NUMBER IS SHOWN IN PARAGRAPH 49.

39. JUNCTIONS:

SATISFACTORY JUNCTIONS WERE MADE WITH T-12062 TO THE EAST;
WITH T-12056 TO THE NORTH AND WITH T-12064 TO THE WEST. THERE IS
NO CONTEMPORARY SURVEY TO THE SOUTH.

40. HORIZONTAL AND VERTICAL ACCURACY:46. COMPARISON WITH EXISTING MAPS:

COMPARISON WAS MADE WITH THE U.S.G.S. 7½ MINUTE PORT TOWNSEND
SOUTH, WASHINGTON QUADRANGLE, SCALE 1:24,000, EDITION 1953.

47. COMPARISON WITH NAUTICAL CHARTS:

COMPARISON WAS MADE WITH NAUTICAL CHART 6405, SCALE 1:20,000,
8TH EDITION, JULY 1, 1944, REVISED 2-12-62.

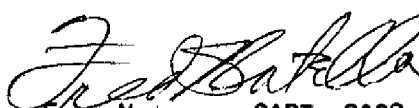
ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY:

NONE.

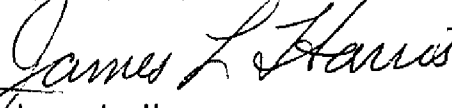
ITEMS TO BE CARRIED FORWARD:

NONE.

APPROVED:


FRED NATELLA, CAPT, C&GS
PORTLAND DISTRICT OFFICER

RESPECTFULLY SUBMITTED:


JAMES L. HARRIS
CARTOGRAPHER

49. NOTES FOR THE HYDROGRAPHER:

THE PHOTO-HYDRO STATION BELOW IS SHOWN ON THIS MANUSCRIPT
AND WAS IDENTIFIED BY THE FIELD PARTY AND LOCATED BY THE KELSH
OPERATOR DURING COMPILATION.

No.	DESCRIPTION	FIELD PHOTO No.
6301	E. GABLE OF BLDG. NEAR PIER	60 W 1996

END PAGE

PHOTOGRAMMETRIC OFFICE REVIEW

T-10363 12063

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 ✓
8. BENCH MARKS None	9. PLOTTING OF SEXTANT FIXES None	10. PHOTOGRAMMETRIC PLOT REPORT ✓	11. DETAIL POINTS None
ALONGSHORE AREAS (Nautical Chart Data)			
12. SHORELINE ✓	13. LOW-WATER LINE ✓	14. ROCKS, SHOALS, ETC. ✓	15. BRIDGES None
16. AIDS TO NAVIGATION ✓	17. LANDMARKS None	18. OTHER ALONGSHORE PHYSICAL FEATURES ✓	19. OTHER ALONGSHORE CULTURAL FEATURES -
PHYSICAL FEATURES			
20. WATER FEATURES ✓	21. NATURAL GROUND COVER ✓		22. PLANETABLE CONTOURS Not Applicable
23. STEREOSCOPIC INSTRUMENT CONTOURS Not Applicable	24. CONTOURS IN GENERAL Not Applicable	25. SPOT ELEVATIONS Not Applicable	26. OTHER PHYSICAL FEATURES ✓
CULTURAL FEATURES			
27. ROADS ✓	28. BUILDINGS ✓	29. RAILROADS None	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. REVIEWER James L. Harris		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			

COMPILATION RECORD

COMPLETION DATE

REMARKS

<i>Interior details added compilation complete</i>	<i>4/16/63</i>	

48. Geographic Names Section

Chimacum Creek

Hadlock

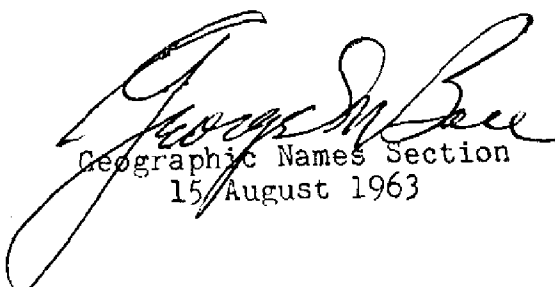
Irondale

Kala Point

Kuhn Spit

Port Townsend

Quimper Peninsula


Geographic Names Section
15 August 1963

Review Report
Shoreline Surveys
T-12062 thru T-12067
October 1963

61. General Statement

These are six (6) shoreline maps of Project PH-6101, Admiralty Inlet, Washington. These maps were prepared primarily for the location of nonfloating aids and landmarks for the revision of our nautical charts and for control of proposed hydrographic surveys.

62. Comparison with Registered Topographic Surveys

T-4189	1:10,000	1926
T-4190	1:10,000	1926
T-1255	1:10,000	1871
T-1304	1:10,000	1872
T-4307	1:10,000	1927
T-6884a&b	1:5,000 and 1:10,000	1941
T-6885a&b	1:5,000 and 1:10,000	1941

These maps are to supersede the prior surveys for nautical chart construction.

63. Comparison with Maps of Other Agencies

Port Townsend South	1:24,000	1953
Nerland	1:24,000	1953
Port Ludlow	1:24,000	1953
Center	1:24,000	1953

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

64. Comparison with Contemporary Hydrographic Surveys - None

65. Comparison with Nautical Charts

6401	1:150,000	Oct. 1962
6403	1:40,000	revised to July 1963
6405	1:20,000	revised to Feb. 1962
6421	1:20,000	revised to Aug. 1960
6450	1:80,000	revised to June 1963

Differences exist. However there are no items to be applied immediately.

66. Adequacy of Results and Future Surveys

These surveys were prepared according to project instructions and are within the required accuracy for Nautical Charting.

2

L. C. Lande

Charles H. Kemmer

Chief, Photogrammetry Division

