

7054

Diag. Cht. No. 6300-2

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey TOPOGRAPHIC

Field No. Revision Office No. T-7054

LOCALITY

State WASHINGTON

General locality STRAIT OF JUAN DE FUCA

Locality PORT ANGELES

1948

CHIEF OF PARTY

J.C. Partington

LIBRARY & ARCHIVES

DATE Oct. 27, 1948

B-1870-1 (1)

7054

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

REG. NO.

TOPOGRAPHIC TITLE SHEET

The Topographic Sheet should be accompanied by this form, filled in as completely as possible, when the sheet is forwarded to the Office.

Field No. Revision Survey

REGISTER NO.

State Washington

STRAIT OF JUAN DE FUCA

General Locality Port Angeles

Locality ~~Ediz Hook & Vicinity~~

Scale 1:10,000 Date of survey September, 1948

Vessel Northwestern District Office

Chief of party J. C. Partington

Surveyed by H. O. Fortin

Inked by H. O. Fortin

Heights in feet above M. H. W. to ground to tops of trees

Contour, Approximate contour, Form line interval _____ feet

Instructions dated 11 June, 1948

Remarks: For Revision of the Port Angeles Water Front

And Locating Landmarks For Charts.

77054

DESCRIPTIVE REPORT TO ACCOMPANY
TOPOGRAPHIC SHEET (REVISION)
PORT ANGELES, WASHINGTON

INSTRUCTIONS:

This survey was executed under Director's instructions dated June 11, 1948.

PREVIOUS SURVEY:

~~Previous surveys in this area were adequate, but~~ due to changes along the water front, a revision survey was found to be necessary to keep the current charts properly corrected.

GENERAL:

Work was limited to the location of Aids to Navigation, Landmarks For Charts, changes in the shoreline, and additions of new piers and deletion of old ones.

CONTROL:

Triangulation control executed in 1892, 1926, and 1940 was used to control the survey. Stations East Base 1892, Tucker 1892, Shingle 1940, Taller Stack 1926, East Stack 1926, Angeles 2 1926, Nelson 1940, Port Angeles Crescent Boxboard Co., Stack 1926, (Ribre 1940), Weather Bureau Tower 1926, Clock 1940, Surge 1940, Lyon 1940, Bee 1940, and Twin 1940 were recovered or their positions verified by topography.

AIDS TO NAVIGATION & LANDMARKS FOR CHARTS:

The positions of Lighted Bell Buoy # 2, located near the east end of Ediz Hook, and the Reference Nun Buoy, just north of the Rayonier Incorporated Mill Co., were located on the topo sheet.

The following were located on the topo sheet and their positions transmitted to the Washington Office on Form 567, Landmarks For Charts: (copy attached)

Distance Finding Station and Radio Beacon, Ediz Hook Lighthouse, Pilot Station, Incinerator, Tower, Light (Fixed Red), Light (Fixed Green), Stack, (Peninsula Plywood Corp.), Mast, (Radio KONP), and Stack, (Rayonier Incorporated Mill Co.).

METHODS:

Standard equipment and graphic control survey methods were employed. All new stations were located by intersection of three or more cuts from triangulation stations or by a combination of cuts and stadia rod readings. The elevations were determined by vertical angles taken with the Alidade and referred to M.H.W.

GEOGRAPHIC NAMES:

All names were old established ones.

COAST PILOT:

No changes are necessary as found in the Supplement to U. S. Coast Pilot as of January 1, 1948.

AIR PHOTOS:

No air photographs were available for this project.

CHANGES & DELETIONS:

All inked positions on the topographic sheet designate changes in the shoreline, additions, deletions and changing shapes of piers, and locations of new buildings.

In the vicinity of Surge 1940, a new breakwater has been established. The shoreline has changed and the spur track leading towards the stacks has been removed.

The shapes of the piers between Lincoln and Cedar Street extended have changed.

A new small boat basin or haven in the vicinity of Lights 1948 has been established. The old piers in the vicinity of Nelson 1940 are in ruins.

Changes in the shoreline and buildings between East Stack 1926 and Angeles 1926 are noted.

The southerly shoreline between the Pilot Station and East Base 1892 has changed.

Notations on chart # 6303 have been made of deletions and accompanies this report.

All the small buildings and shacks between the Pilot Station and triangulation station Angeles 2, along Ediz Hook have been relocated. If the positions as shown on chart # 6303 do not conform with the new positions, the old positions should be deleted.

Only the lighthouse buildings located on the eastern tip of Ediz Hook were located. All other buildings, except as noted below, on the U.S. Coast Guard Reservation, which extends to the Pilot Station, were not located. The outline of the airfield and two buildings were located only for reference points, and were penciled in, as the Washington Office is usually reluctant to place such reservations on charts. Blueprints showing the complete layout can be obtained from the Commander, Thirteenth Coast Guard District, New World Life Building, Seattle 4, Washington.

Objects such as oil and small water tanks and cupolas which were of no importance as landmarks were shown in small black circles. Notations in pencil concerning these points are shown on the topo sheet.

The log boom area extending 0.3 of a mile directly south of the Pilot Station and inside of a line running westward towards the Washington Pulp & Paper Mill Co., pier is penciled on the topographic sheet.

The gable, Black Ball Ferry Pier Lat. 48 07 13' Long. 123 25.5' was deleted from the chart. The gable has been torn down.

Approved:

Respectfully submitted,

J.C. Partington
J.C. PARTINGTON

Lt. Comdr., C. & G. Survey
Commanding, Ship SURVEYOR

Henry O. Fortin
HENRY O. FORTIN

Lt. Comdr., C. & G. Survey

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

LANDMARKS FOR CHARTS

TO BE CHARTED }
~~TO BE DELETED~~ } STRIKE OUT ONE

Seattle, Washington, 1935

I recommend that the following objects which have ~~(been)~~ been inspected from seaward to determine their value as landmarks, be charted on ~~(deleted from)~~ the charts indicated.
The positions given have been checked after listing.

See L. 796 (1948)

J. C. Partington
Chief of Party.

GENERAL LOCALITY	NAME AND DESCRIPTION	POSITION						METHOD OF LOCATION	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED	
		LATITUDE			LONGITUDE									DATUM
		O	I	D. M. METERS	O	I	D. P. METERS							
PORT ANGELES, WASHINGTON	*D.F.S.-R.B.W. White Antenna Pole (Alternate Red & White Stripes 45')	48 08		755	123 24		70	N.A. 1927		Sept. 1943 X			6302	
	* EDIZ HOOK LIGHTHOUSE White House (82')	48 08		795.6	123 24		624.8	"		" " X X			6382	
	* PILOT STATION, White Cupola (30')	48 08		930	123 25		592	"		" " X X			"	
	*INCINERATOR, Black Screened (54') (Port Angeles Shingle Mill Co.)	48 08		733	123 27		17	"		" " X X			"	
	*TOWER, White, Acid, Double Cylinder (Washington Pulp & Paper Co., 112')	48 08		294	123 27		813	"		" " X X			"	
	* LIGHT, F. R. (15') (Entrance to Small Boat Haven)	48 07		1122	123 27		103	"		" " X X			"	
	* LIGHT, F. G. (15') (Entrance to Small Boat Haven)	48 07		1083	123 27		47	"		" " X X			"	
	*STACK, Gray, Concrete (184') (Peninsula Plywood Corporation)	48 07		699	123 26		547	"		" " X X			"	
	*MAST, Radio, KOMP (167') (Alternate Red & White Stripes)	48 07		541	123 26		230	"		" " X X			"	
	*STACK, Gray, Concrete (126') (Rayonier Incorporated Mill Co.)	48 07		41	123 24		551	"		" " X X			"	
Note: All heights are above MHW														

This form shall be prepared in accordance with 1934 Field Memorandum, "LANDMARKS FOR CHARTS." The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.



LIGHTS, BEACONS, BUOYS, AND DANGERS CORRECTED.
FOR INFORMATION RECEIVED TO THE FOLLOWING DATE

Published at Washington, D. C., Nov. 1894 (7th Edition)

U. S. COAST AND GEODETIC SURVEY

L. O. Colby, Director



DIVISION OF CHARTS

REVIEW SECTION - NAUTICAL CHART BRANCH

REVIEW OF TOPOGRAPHIC SURVEY

REGISTRY NO. T-7054

FIELD NO. -----

Washington, Strait of Juan De Fuca, Port Angeles
Surveyed in September, 1948 Scale 1:10,000
Project No. -----

Plane Table Survey

Aluminum Mounted

Chief of Party - J. C. Partington
Surveyed by - H. O. Fortin
Inked by - H. O. Fortin
Reviewed by - G. F. Jordan, March 2, 1950
Inspected by - R. H. Carstens

This revision survey delineates sections of the waterfront where changes had occurred, and shows new landmarks for charting.

The control for the survey originates with triangulation stations of 1892 to 1948.

A comparison with T-4188 (1926) reveals a 45-meter accretion of the shoreline at the end of Ediz Hook. Slight changes have occurred in the shoreline on the south side of the Hook.

The present survey has been applied to Chart 6303 (comparison with print of 11/21/49).

No observations were made for magnetic declination.

NAUTICAL CHARTS BRANCH

SURVEY NO. 7054

Record of Application to Charts

DATE	CHART	CARTOGRAPHER	REMARKS
3-10-49	6303	<i>R.H. Andrews</i>	Before After Verification and Review
3-14-49	6300	"	Before After Verification and Review
8/30/49	6382	<i>H.W. Burgoyne</i>	Before After Verification and Review
3/13/52	6303	<i>J.W. Walker</i>	Before After Verification and Review <i>Completely applied - no further correction</i>
1/8/54	6401	<i>S.H. Benson</i>	Before After Verification and Review <i>fully applied</i>
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review
			Before After Verification and Review

M.2168.1

A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.