8820

0000 0000 Diagram Chart No. 8252-2

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Shoreline (Photogrammetric)

Field No. Ph-49(49) Office No. T-8820

LOCALITY

Ware Alaska

General locality Sitka Sound

Locality Krestof Sound

194 8 and 1949

CHIEF OF PARTY
Glendon E. Boothe, Field
J.C. Partington, Field

Charles W. Clark , Photo. Office LiBRARY & ARCHIVES

DATE May 4, 1955

B-1870-1 (1)

DATA RECORD

T-8820

Project No. (II): Ph-49(49)

Quadrangle Name (IV):

Field Office (II): Ship "PATTON"

Chief of Party: Glendon E. Boothe (1948)

J.C. Partington

Photogrammetric Office (III): Portland, Oregon

Officer-in-Charge: Charles W. Clark

Instructions dated (II) (III): 5 August 1947 (Field) Project CS-247 Copy filed in Division of

17 August 1951 (Office)

Photogrammetry (IV) Office Files

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): MAY 1 6 1962

Applied to Chart No.

Date:

Date registered (IV): 22 March 1955

Publication Scale (IV):

Publication date (IV):

Geographic Datum (III): N.A. 1927

Vertical Datum (III): Mean Sea Level

Mean sea level except as follows: MHW

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): HAMAN, 1949

Lat.: 57° 10' 21.108" 653.0m Long.: 135° 35' 03.873" 65.1 m (1203.1 m) (943.2 m)

Adjusted X (943.2 m) Unadjusted

Plane Coordinates (IV):

State:

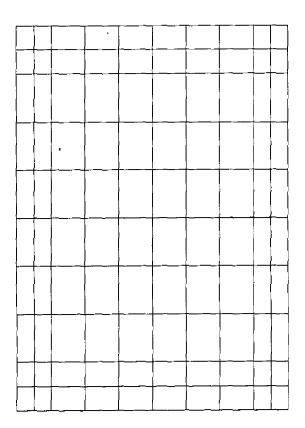
Zone: 8

Y=

X=

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.



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

DATA RECORD

Field Inspection by (II): Ship "PATTON"

Date: Seasons 1948 & 1949

Planetable contouring by (II):

None

Date:

Completion Surveys by (II):

Date:

Mean High Water Location (III) (State date and method of location): Field inspection location during seasons 1948 & 1949 verified by stereoscopic inspection of photographs in photogrammetric office. Identified in field on 1942 photographs. EHR

Projection and Grids ruled by (IV):

Wash. office

Date:

Projection and Grids checked by (IV):

Date:

Control plotted by (III): J.L. Harris

Date: 9/24/51

Control checked by (III): H.J. Atkins

Date: 9/28/51

Radial Plot or Stereoscopic J.L. Harris & J.E. Deal Control extension by (III):

Date: 10/24/51

Planimetry

Date:

Stereoscopic Instrument compilation (III):

Contours

Date:

Manuscript delineated by (III): L.L. Harris

Date: 12/28/51

Photogrammetric Office Review by (III): R.H. Barron

Date: 2/27/52

Elevations on Manuscript

R.H. Barron

Date: 2/27/52

checked by (II) (III):

Camera (kind or source) (III): U.S.C. & G.S. - 9 Lens - Focal length 8.25 inches

		PHOTOGRAPHS (I	II)	
Number	Date	Time	Scale	Stage of Tide
9340	7-4-42	10:50	1:10,000	1.5° above M.L.L.W
9364 to 9368	7-8-42	8:53	1:10,000	5.21 11 11 11 11
9462	7-8-42	10:26	1:10,000	6.61 11 11 11 11
9554 to 9559	7-8-42	11:40	1:10,000	6.31 11 11 11 11

Tide (III)

Sitka, Alaska Reference Station:

Subordinate Station: Olga Pt., Olga Strait, Alaska

Subordinate Station:

Washington Office Review by (IV): Everett H. Ramey

Final Drafting by (IV): Rainson, A.T.

Drafting verified for reproduction by (IV): Zelo go Elim

Proof Edit by (IV):

Land Area (Sq. Statute Miles) (III): 1.5

Shoreline (More than 200 meters to opposite shore) (III): 41.4 Statute miles 6.3

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

Control Leveling - Miles (II):

Number of Triangulation Stations searched for (II):

Number of BMs searched for (II): Number of Recoverable Photo Stations established (III): None

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

Remarks:

Diurnal Spring Ratio of Mean Ranges Range Range

Date: 29 Dec 1952

Date: 3 - June 1954

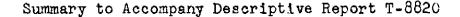
Date: 6-11-54

Date:

Recovered: Identified:

Recovered:

Identified:



Shoreline survey T-8820 is one of seventeen similar surveys of Project Ph-49(49). It covers shoreline along portions of Hayward Strait and Krestof Sound between Krestof Island and Partofshikof Island.

Project Ph-49(49) is a graphic control survey. Field work in advance of compilation included the establishment of some additional horizontal control and the inspection of shoreline, This field work was done in conjunction with field operations of Project CS-247.

Survey T-8820 was compiled at a scale of 1:10,000 using nine-lens photographs taken in 1942. It covers an area in latitude from 57° 08' to 57° 14' and in longitude from 135° $32\frac{1}{2}$ ' to 135° 40'.

Items registered under T-8820 will include a descriptive report and a cloth-backed lithographic print of the manuscript at a scale of 1:10,000.

FIELD INSPECTION REPORT
Map Manuscript No. T-8820
Project Ph-49(49)

Refer to special reports titled:

FIELD INSPECTION OF AIR PHOTOGRAPHS
S.E. ALASKA
OLGA STRAIT, NEVA STRAITS AND
SAINT JOHN BAPTIST BAY
U.S. COAST & GEODETIC SURVEY SHIP "PATTON"
PROJECT CS-247
GLENDON E. BOOTHE, CHIEF OF PARTY
1948

also

FIELD INSPECTION REPORT OF AIR PHOTOGRAPHS
S.E. ALASKA
NAKWASINA PASSAGE, NAKWASINA SOUND,
KRESTOF SOUND & KATLIAN BAY
U.S. COAST & GEODETIC SURVEY SHIP "PATTON"
PROJECT CS-247
J.C. PARTINGTON, CHIEF OF PARTY
1949

Above reports filed in the Division of Photogrammetry under project number.

PHOTOGRAMMETRIC PLOT REPORT Map Manuscript No. T-8820 Project Ph-49(49)

The radial plot for this map manuscript is described in a combined Photogrammetric Plot Report for Map Manuscripts Nos. T-8475 and T-8819 to T-8821 Incl. which is included in the Descriptive Report for T-8475.

MAP T-8820		PROJE(CT NO	PROJECT NO. Ph-49(49)	SCALE OF MAP 1110,000	000,	SC.	SCALE FACTOR None	R None
STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUD	LATITUDE OR "-COORDINATE LONGITUDE OR "-COORDINATE	DISTANCE FROM GRID IN FEET. E OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM	L	N.A. 1927 - DATUM OISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
	III	N.A.	570	10' 30.153"			932.8	(923.3)	
ORBIT 1949	893	1927	- 1	32' 48.250"		•	810.7	(197.4)	
	H	=		10, 35,419"			1095.7	(7-094-)	
NOTEL 1949	893		1350	331 00.298#			5.0	(1003,1)	
	III		570	101 54,300"			1679.8	(176.3)	
/ CROFF 1949	893	=		- 1			1000.8	(7.2)	
	III	=		101 57.445"			1777.0	(0.67)	
✓ BRADY 1949	893			331 15.373"			258.3	(749.7)	
	пп	п		111 04,314"			133.5	(1722.7)	
✓ LYNE 1949	894		1350	341 14.390"			241.7	(766.2)	
	III	=		12, 52,690"			1630.0	(226.1)	
LIPON 1949	894			331 29,366"			492.9	(1,413)	
	H	F		131 49.037"			1517.0	(339.1)	
CZAR 1949	894		ì	331 18.633"	٠		312.6	(694.2)	
	III	=	- 1	131 42,625"			1318,6	(537.5)	
PARTOF 1949	768			34, 02,302"			38.6	(1.896)	
	III	=		13' 48.350"			1495.7	(7.096)	
/ TOMAS 1949	895		135°	35t 44.997 ^u			754.9	(251.7)	
	III	=	240	13, 50,511"			1562.6	(293.5)	Pa
ZOMBIE 1949	895			371 22.036"			369.7	(636.9)	g e
	III	=		13' 12.974"			401.3	(1454.8)	9
7 SUGAR 1949	894			371 15,879"			266.5	(740.5)	
	III	E	1	12, 13,857"			428.7	(1427.4)	
VICAR 1949	894		1350	361 23,846"			7*007	(607.0)	
COMPUTED BY.	Atkins	¥Q	12/71/8		CHECKED BY. J.L. Harris	Harris		DATE 9/21/51	м.2388-12

LATITUDE OR P. COORDINATE DISTANCE FROM GRID IN FEET. DATIUM PROJECTION LINE PROJECTION LINE LINE LINE LINE LINE LINE LINE LIN	
11 29.765" 920.8 (935.3) 36 04.714" 79.2 (928.5) 36 02.714" 79.2 (928.5) 36 02.346" 110.005" 12	SOURCE OF LATUM LON (INDEX)
36: 0.4.714" 79.2 (928.5) 36: 08.134" 693.1 (1163.0) 36: 08.134" 136.7 (871.6) 36: 07.034" 309.5 (1546.6) 36: 07.034" 119.0 (889.3) 10: 21.108" 653.0 (1203.1) 35: 03.873" 653.0 (1203.1) 35: 03.873" 65.1 (943.2) 10: 10.017" 309.9 (1546.2) 35: 13.367" 224.6 (783.7) 09: 38.571" 224.6 (783.7) 35: 13.68" 100.6 (82.5) 35: 24.968" 400.2 (608.4) 09: 22.600 772.9 (1043.2) 35: 24.305" 772.9 (1043.2) 35: 24.305" 400.2 (608.4) 09: 22.600 772.9 (1043.2) 35: 24.305" 772.9 (1043.2) 35: 24.305" 400.2 (608.4) 36: 12.301" 403.6 (600.1) 36: 12.302" 453.1 (743.0) 36:	J
101 22.406" 693.1 (1163.0) 36! 08.134" (871.6) 10: 10.005" 309.5 (1546.6) 36! 07.084" (889.3) 10: 21.108" (55.0 (1203.1) 35! 03.873" (55.1 (943.2) 10: 10.017" 309.9 (1546.2) 35! 13.367" 224.6 (783.7) 09! 38.571" 220.0 (788.5) 09! 22.670" 1010.6 (845.5) 35! 13.088" 400.2 (68.4) 09! 22.688" 772.9 (1083.2) 35! 13.305" 400.2 (600.1) 35! 13.507" 226.7 (785.5) 35! 15.507" 226.7 (785.5) 35! 13.301" 600.4 (1255.7) 35! 13.202" 223.6 (785.1) 36! 12.507" 223.6 (785.1) 36! 22.35.6 (785.1) 223.6 36! 22.35.6 (785.4) 37.27 12.55.0 36! 22.35.6 22.25.6 37! 25.25.6 25.6 37! 25.	1927 1350
36' 08.134" 136.7 (871.6) 36' 07.084" 399.5 (156.6) 36' 07.084" 119.0 (889.3) 10' 21.108" 653.0 (1203.1) 35' 13.367" 309.9 (156.2) 35' 13.367" 224.6 (783.7) 39' 38.571" 224.6 (783.7) 39' 22.670" 1193.2 (662.9) 35' 22.670" 120.6 (845.5) 35' 22.987" 400.2 (602.4) 35' 24.305" 772.9 (1083.2) 35' 13.507" 220.0 (785.5) 35' 13.302" 600.4 (1255.7) 35' 13.302" 223.6 (785.1) 35' 26.948" 223.6 (785.1) 35' 26.948" 274.7 (1581.4) 35' 26.948" 274.7 (1581.4) 36' 21.823" 675.1 (1181.0) 36' 21.24.3 (874.4) (874.4) 37'	n 570
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10. 21.108" 119.0 (889.3) 10. 21.108" 653.0 (1203.1) 35: 03.873" 65.1 (943.2) 10. 10.017" 309.9 (1546.2) 35: 13.367" 224.6 (783.7) 36: 13.367" 1262.0 (788.5) 35: 13.367" 1262.0 (788.5) 35: 13.088" 220.0 (788.5) 35: 22.807" 400.2 (603.4) 36: 22.600 772.9 (1083.2) 37: 22.163" 772.9 (1083.2) 39: 23.163" 776.5 (1139.6) 39: 13.301" 600.4 (1255.7) 36: 12.507" 223.6 (785.1) 36: 223.6 (785.1) 455.1 37: 223.6 (785.1) 455.1 36: 22.82.7 455.1 37: 223.6 (785.1) 455.1 37: 37.823" 675.1 4181.0 34: 07.987" 134.3 (874.4) 37: 134.8 134.8 134.8	" 57°
10. 21.108" 653.0 (1203.1) 35; 03.873" 65.1 (943.2) 10. 10.017" 309.9 (1546.2) 35; 13.367" 224.6 (783.7) 99; 38.571" 1193.2 (662.9) 35; 13.088" 220.0 (788.5) 99; 32.670" 400.2 (608.4) 99; 22.163" 400.2 (608.4) 99; 23.163" 772.9 (1083.2) 99; 15.507" 225.6 (785.1) 99; 15.409" 600.4 (1255.7) 35; 15.301" 600.4 (1255.7) 35; 22.860" 455.1 35; 22.24,7 (785.1) 35; 22.34,7 (785.1) 35; 22.34,7 (785.1) 35; 22.34,7 (785.1) 35; 22.34,7 (785.1) 35; 26.948" 600.4 (1255.7) 34; 07.987" 455.1 34; 07.987" 134.3 (874.4) 34; 07.987" 3134.3 (874.4)	1350
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21.823" 675.1 (1181.d) 07.987" 134.3 (874.4) /51 GHECKED 87. J.L. Harris8 9/21/51	1350 3
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/51 J.L. Harris8 9/21/51	1350 34
	9/



4.2









STATION	MAP T. 8820		PROJE	PROJECT NO. Ph-49(49)	(67)67-1	SCALE OF MAP 1:10,000	000	SCAL	SCALE FACTOR None	R None
III	STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OF LONGITUDE C	R v-COORDINATE	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM	N.A. 1927 DISTAN FROM GRID OR PR. IN MET FORWARD	- DATUM ICE OJECTION LINE ERS (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
9 834 111 170 121 14.314" 302.7 (704.7) 9 834 1350 31 18.030" 302.7 (704.7) 9 834 135 34 22.277" 440.4 9 874 135 34 22.277" 42.650" 1331.7 (524.3) 9 874 135 32 14.300" 1331.7 (524.3) 9 875 135 32 24.660" 418.1 (524.3) 9 875 135 32 24.660" 418.1 (524.3) 9 876 111 770 66 35.683" 10.03.8 (752.2) 9 877 111 770 77.519" 221.5 (757.4) 9 872 135 23 24.660" 24.660" 25.631" 251.5 (757.4) 9 872 135 23 24.673" 251.5 (757.4) 9 872 135 23 24.673" 251.5 (757.4) 9 872 135 23 24.439" 350.4 (648.3) 9 872 135 23 24.439" 350.4 (648.3) 9 873 135 23 24.439" 350.4 (648.3) 9 874 135 23 24.439" 350.4 (648.3) 9 875 135 23 24.439" 350.4 (648.3) 9 875 135 23 24.439" 350.4 (648.3) 9 875 135 23 24.439" 350.4 (648.3) 9 875 135 23 24.439" 350.4 (648.3) 9 875 135 23 24.439" 350.4 (648.3) 9 875 135 23 24.439" 350.4 (648.3) 9 875 135 24.252" 350.4 (648.3) 9 875 135 24.252" 350.4 (648.3) 9 875 135 24.252" 34.439" 350.4 (648.3) 9 875 135 24.252" 34.439" 350.4 (648.3) 9 875 135 24.252" 34.439" 350.4 (66.7) 9 875 135 24.252" 34.439" 350.4 (66.7) 9 875 135 24.252" 34.439" 34.440"	XRAY	111 892	ļ		59.278"			1833.7	(22.3	
High From 13 - 13 - 13 - 13 - 13 - 13 - 13 - 13	1	111 894		57° 12' 135° 33'	14.314"			442.8	(1413.3)	
96 874 111 27° 121 42.050" 1331.7 (524.3) 135° 331 11.310" 136° 331 11.310" 189.8 (816.7) 189.8 (816.7) 183.8 135° 331 11.310" 135° 331 24.860" 242.8 (1613.3) 242.8 (1613.3) 242.8 (1613.3) 242.8 (1613.3) 242.8 (1613.3) 242.8 (1613.3) 242.8 (1613.3) 242.8 (1613.3) 242.8 (1613.3) 242.8 (1613.3) 242.8 (1613.3) 242.8 (1613.3) 242.8 (1613.3) 242.8 (1613.3) 242.8 (1613.3) 242.8 (1613.3) 242.8 (1613.3) 242.8 (1613.3) 242.8 (1623.5) 242.8 (1623.5) 242.8 (1623.5) 242.8 (1623.5) 242.8 (1623.5) 242.8 (1623.5) 242.8 (1623.5) 242.8 (1623.5) 242.8 (1623.2) 242.8 (1623.3) 242.8 (162		111		57° 13' 135° 34'	13.438"			415.7	(515.6	
III		111. 874.		57° 13° 135° 33°	43.050"			1331.7	(524.3)	
Hill 11	L	111		57° 081 135° 331	07.848" 24.860"			242.8	(1613.3)	
TII	IMAGE	III 892	1	57° 081 135° 331	35.683"			1103.8	(752.2	
Hill 11 12 12 13 13 13 13 13		111 892		57° 091 135° 331	07.519" 55.426"			232.6	(1623.5	
III		111 892			21.673"			670.4	(671.1	
III " 57° 09' 43.222"	/ санк 1949	111 892			26.570"			821.9	(1034.1	
III " 57° 09' 59.215" 1831.8 (24.3) ' 1949 892 135° 32' 45.086" 22 0.7 (5.250.6) 1949 893 135° 32' 32.231" 541.7 (466.7) 541.7 (466.7) 156 87. 188/51 1831.8		111 892		57° 091 135° 331	43.222" 04.195"			1337.1	(519.0 (938.0	
1949 III " 57° 10° 07.135" 22 0.7 (1635.4) 195° 32° 32.231" 541.7 (466.7) TED BY. J.L.Harris DATE 9/21/51		111 892		57° 091 135° 321	59.215"			1831.8	(24.3	
T. Atkins DATE 9/18/51 CHECKED BY. J.L.Harris DATE 9/21/51		111 893			07.135" 32.231"			22 0.7	(1635.4	
	ب	Vtkins	VQ		1 . 1		.Harris	DA	1E 9/21/	М-2388-12





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STATION							N.A. 192	1927 - DATUM	
	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE O LONGITUDE C	LATITUDE OR y-COORDINATE LONGITUDE OR x-COORDINATE	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM		-INE	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
	III	N.A.		1 35.817"			1108.0	(1.877)	
VYECCA 1949	892	1927		1 38,174"			641.7	(6.998)	
	III	=	160 045			,	1,522,1	(364.0)	
FAGAN 1949	892		1350 331	1			379.4	(629.1)	
	III	2		101 04.752"			147.0	(1,6071)	
/ WEDGE 1949	893		1	1 54.074"			7.806	(9.66)	
	III	E	_	10' 12,031"			372.2	(1,483.9)	
/ PEDAL 1949	893			1 56,549"			950.3	(0.85)	
	TII	=]_				787.3	(1068.8)	
CUILT 1949	893		1350 331	1 09.088"			152.7	(855.5)	
	III	#	24 ₀ 101	1 38,001"			1175.5	(680.5)	
/ RESAT 1949	893		135° 331	19.772#			332.2	(6.579)	
	III	=	570 101	* 47.271"			1462.3	(400.7)	
" TRACY 1949	894		135 331	1 30.793"			517.3	(4007)	
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COMPILATION REPORT Map Manuscript No. T-8820 Project Ph-49(49)

Side headings 31, 32, 34, 35, 36, 37, 38, and 40 of the Compilation Report for Map Manuscript No. T-8475 are applicable to T-8820.

33: SUPPLEMENTAL DATA:

Graphic control Surveys used to supplement the photographs are as follows:

PA-D-48	Topographic	Surve	y No.	T-7089b
PA-D-49	11	tt	11	T-7131
PA-E-49	п	11	н	T-7131
PA-F-49	11	11	11	T-7132

They were used in the same manner as described in the Compilation Report for T-8475.

39: JUNCTIONS:

Satisfactory junctions were made on the east with T-8475 and on the north with T-8484. There were no surveys on the west and south available to this office for junction purposes.

46: COMPARISON WITH EXISTING MAPS:

A detailed comparison was made between Map Manuscript T-8820 and graphic control surveys listed in side heading 33 of this compilation report.

Disagreement in the location of the mean high-water line was found between the map manuscript and PA-E-49 along the west shoreline of Krestof Island between Latitudes 57° 12' 15" and 57° 12' 30"; along the east shoreline of Kruzof Island between See New 64 Latitudes 57° 12' 15" and 57° 12' 30"; and the shoreline of Mud Bay at about Latitude 57° 10' 40".

The conclusion is believed to be the same as stated in side heading 46 of the Compilation report for T-8475.

47: COMPARISON WITH NAUTICAL CHARTS:

Comparison was made by use of the vertical projector with Nautical chart No. 8281, Scale 1:40,000; Published June 1943 (5th edition), last printed 3/5/51, and hand corrected 4/23/51.

Only a few small portions of the shoreline of the chart and the mean high-water line of the map manuscript are in agreement as to location and form.

Rocks awash shown on the chart which cannot be verified by office examination of the photographs are located as follows:

At	Lat.	57°	081	15" and Long.	1350	331	17"	
	Lat.	57°	081	15" and Long.	135°	331'	25"	
	Lat.	57°	081	28" and Long.	135°	331	31"	nearby foul area added. EHR
	Lat.	57°	180	31" and Long.	135°	331	45"	out.
	Lat.	57°	091	08" and Long.	135°	341	42m	mapped as foreshore.
				35" and Long.				

The above locations are approximate and apply to the position of the rocks in reference to the map manuscript.

Approved:

Fred A. Riddell

Officer-in-Charge Portland Photogrammetric Office Respectfully Submitted: J. Edward Deal Jr.

J. Edward Deal, Jr. Cartographer

48: GEOGRAPHIC NAMES LIST:

T-8820

According to the field inspection reports submitted by the Ship "PATTON" for the seasons of 1948 and 1949 Project CS-247 no new geographic names or changes in geographic names are recommended. The geographic names shown on this map manuscript were obtained from Nautical Chart No. 8281. An alphabetical list follows.

·Brady Island Brown Point . : Double Island · Fast Channel · Hayward Strait 🗸 Kamenoi Point · Krestof Island Krestof Sound ' Kruzof Island · Magoun Islands '.Mills Island Mud Bay " Partof Point Partofshikof Island · Fort Krestof Rob Point Sound Islands (applies to group) West Channel

For title:

Alaska Peril Strait Sitka Sound Namps underlined in rol are approved 12-4-52

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Review Report T-8820 Shoreline Survey 29 December 1952

62. Comparison with Registered Topographic Surveys .-

T-2249	1:20,000	1896
T-2289	1:20,000	1896
T-2304	1:20,000	1897

There are numerous small differences between these prior surveys and T-8820. It is believed that a higher plane was chosen to locate the high-water line in these prior surveys. As a consequence some features were shown as detached whereas they are shown connected in this survey. These differences are of small significance to nautical charting. Survey T-8820 should supersede these prior surveys for nautical charting purposes for common detail because T-8820 presents a much more accurate portrayal of this area. Also see Item 66.

- 63. Comparison with Maps of Other Agencies .- None
- 64. Comparison with Contemporary Hydrographic Surveys .-

H-7789

1:10,000

1949 (unverified)

Not all offshore rocks are shown on T-8820 because they could not be identified on the photographs or were not field inspected. Shoreline on H-7789 taken from the graphic control boards and other sections of shoreline which were changed during this review should be corrected by this survey. Except for differences of one foot in datum references on a few rocks no discrepancies exist between this hydrographic survey and T-8820.

65. Comparison with Nautical Charts .-

8281 1:40,000 1943 Corrected to 51-3/5 Refer to item 47. Changes made to the manuscript during this review are shown in red.

66. Adequacy of Results and Future Surveys.-Exact detailing of some shoreline features was probably not accomplished because photo-interpretation was difficult due to overhang and shadows obscuring some detail. Also it would have been desirable to have had a greater amount of field inspection in some areas. However, errors resulting from these causes are small.

This survey is adequate for nautical charting purposes and complies with project instructions.

67. Topographic Stations.-Stations shown on this survey were taken from the graphic control boards. At the time of this review, accompanying forms 524 could not be found.



68. Landmarks: A land slide at latitude 57° 13.3' and longitude 135° 38' was recommended as a landmark by the "Field Inspection Report of Air Photographs, 1949" and is shown on this survey.

Reviewed by:

Cheret N. Ramey

APPROVED

Chief, Review Section Div. of Photogrammetry

Chief, Div. of Photogrammetry

Chief, Nautical Chart Branch Div. of Charts Gra

Chief, Div. of Coastal Surveys

NAUTICAL CHARTS BRANCH

SURVEY NO. 8820

Record of Application to Charts

	REMARKS	CARTOGRAPHER	CHART	DATE
- 	-Before After Verification and Review	& a melana	8281	1/8/53
	Completely applied			1 /
	Befere After Verification and Review	Allen	Reconstr 8281	1958
		an Wittmann	8281 pl	1959
	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			
	Before After Verification and Review			
	Before After Verification and Review			
	Before After Verification and Review			

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.