

Diag. Cht. No. 8252-2

U. S. COAST AND GEODETIC SURVEY DEPARTMENT OF COMMERCE
DESCRIPTIVE REPORT
Type of Survey PHOTOGRAMMETRIC SHORELINE Field No. Ph-49(49) Office No. T-8479 E & W
LOCALITY State SOUTHEASTERN ALASKA
Ceneral locality SITKA SOUND Locality SILVER BAY
1947 CHIEF OF PARTY Washington, D. C G. E. Booth, Division of Photogrammetry,
LIBRARY & ARCHIVES DATE June 12, 1952
8-1870-1 (1)

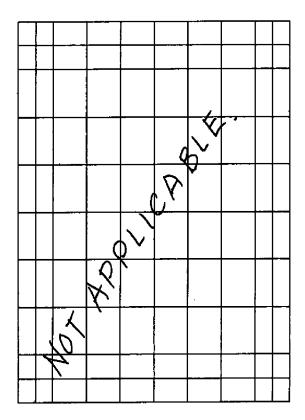
DATA RECORD

T_8479

Project No. (II): PN-49(49)	Quadrangle Name (IV):	•		
Field Office (II):		Chief of Party:	F. E. Bo	oth
Photogrammetric Office (III): Wash	nington, P.C.	Officer-In-Charge:		
Instructions dated (II) (III): 14 Ag	oril 1947		Copy filed in Photogramm	etry (IV)
Method of Compilation (III): Grapi	nic			
Manuscript Scale (III): 1:10,000	Stereoscop	c Plotting Instrument	Scala (III);	
Scale Factor (III): 1.000				
Date received in Washington Office ((IV): //-ステージタ Date repor	ted to Nautical Chart	Branch (IV): //	-30-19
Applied to Chart No.	Date:	Date registered (IV	: 2-27-	52
Publication Scale (IV):		Publication	on date (IV): -	
Geographic Datum (III): N.A. 19	927	Vertical	Datum (III):	M.H.W.
		Mean sea level ex Elevations shown as Elevations shown as I.e., mean low water	(25) refer to mes (5) refer to soun	n high water ding datum
Reference Station (III): Bucko,	19կ6			·
Lat.: 57°02° 26.945 (833.5) Long.: 135 ⁰ 13	58.307(983.2)	-	Adjusted Unadjusted
Plane Coordinates (IV):	Stat	e: 	Zone:	
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): Arthur E. N	Vardell	Date:	1947
	Planetable contouring by (II):	· -	Date;	
l	Completion Surveys by (II):		Date:	-
	Mean High Water Location (III) (State date (1) MHW line shown on 1942 nit (2) Planetable boards (See Co	ne-lens photographs field inspe	cted	in 1947
	Projection and Grids ruled by (IV):	. E. Ward	Date:	4-19-49
	Projection and Grids checked by (IV): W	. E. Ward	Date:	4-19-49
	Control plotted by (III): R. William N.S. Schult E. H. Ramey	2	Date:	4-19-49
	Control checked by (III): E. H. Rame N.S. Schul	У	Date:	11-49
	Radial Plot or Storescoople E. H. Rat Control extension by (III): S.G. Blat	mey nkenbaker	Date;	5-27-49
		Planimetry	Date:	
	Stereoscopic Instrument compliation (III):	Contours	Date:	
		illiams Blankenbaker	Date:	Sept. 1949
	Photogrammetric Office Review by (III):	G.B. Willey'	Date:	Oct. 1949
	Elevations on Manuscript checked by (II) (III):		Date:	

Camera (kind or source) (III):

		PHOTOGRAPHS (III)		
Number	Date	Time	Scale	Stage of Tide
09500 - 09510 09448 - 09444 10528 10529	7-8-42 7-8-42 7-31-42	10:50 - 10:56 10:27 - 10:18 2:20 2:20	1:10,000	5.7 Ft. 5.6 ·· . 6.9 ·· 6.9 ·· 7.4 ··
10539	11	2:30 2:31	11	7.4

Tide (III)

Reference Station:

Sitka

Subordinate Station: Subordinate Station:

Washington Office Review by (IV):

G. B. Willey

Final Drafting by (IV): Taylor, Berry, Breene

Drafting verified for reproduction by (IV): C. Rupiec

Proof Edit by (IV):

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

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

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):

Number of Temporary Photo Hydro Stations established (III):

Remarks:

Ratio of Ranges	Mean Range	Spring Range
	7.7	

Date: May 25, 1951

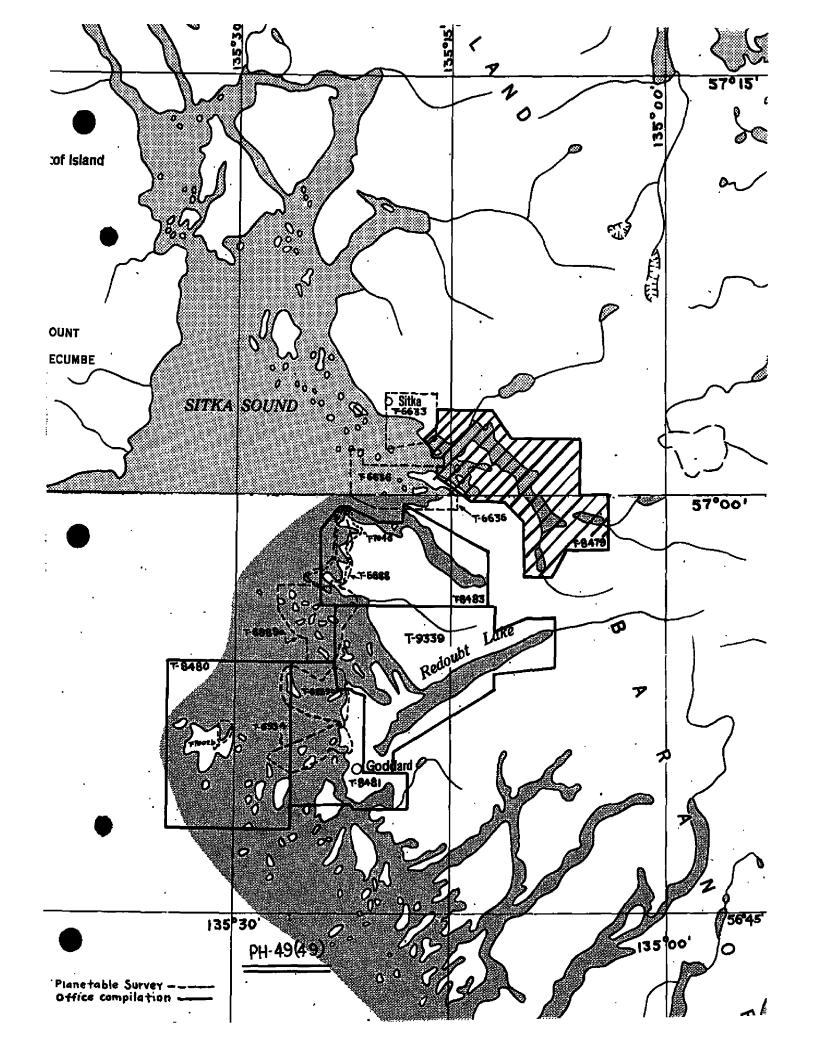
Date: May 25, 1951

Date:

Recovered:

Recovered:

Identified: Identified:



Summary to Accompany T-8479

Data pertaining to T-8479 is filed as follows:

- Division of Photogrammetry General Files

 - Acetate manuscript
 Duplicate of the Descriptive Report
- в. Bureau Archives
 - A cloth-backed lithographic print of the reviewed map at compilation scale.
 Registered original Descriptive Report

27. Radial Plot:

This radial plot covers the areas of Silver Bay, Deep Inlet and part of Eastern Channel in the vicinity of Sitka. It was completed in order to compile shoreline manuscripts T-8479 and T-8483 at scales of 1:10,000, limits of which are shown on the attached index.

The plot consisted of 34 acetate templets made from U.S.C. & G.S. nine-lens photographs at a scale of approximately 1:10,000. Since no master calibration templet was available for this series of photographs, corrections for differential shrinkage and transformation errors were not attempted. The templets did not appear to be in error from these causes.

Difficulty was experienced in every phase of preparation of the photographs which involved stereoscopic examination. The area is very rugged and heavily wooded with some peaks being approximately one-half the flying height. Thus, seeing a stereoscropic model was often impossible. Overhang and harsh shadows sometimes prevented seeing portions of shoreline.

Photograph 09506 is so badly tilted that it was not used in the plot. The radial plot position of this photograph is the intersection of azimuth lines from adjacent photographs. This photograph should not be used for detailing.

Positions of photographs 09395, 09396 and 09397 were obtained from the intersections of azimuth lines from the adjoining flight of photographs. The positions should be accurate enough for detailing.

Control for this plot was generally adequate and consisted of 20 field identified triangulation stations and 6 field identified topo stations (picking cards for which are filed in the Division of Photogrammetry) and 4 office identified triangulation stations. Topo Stations Fare, Pin, Its, Eat and Wad were taken from T-7043a (1:10,000) and Sta. Cab from T-7045 (1:10,000). All stations, except Grus, 1947 Sub. Sta. and Topo Sta. Wad, were held. These data are given in the attached identification data sheets.

Topo Station Wad is described on the control identification card as the southeast gable of small house. Upon examination of Topo. Survey Sheet 7043a, (1947), (1:10,000) it appears that the northwest gable of the house was circled instead of the southeast gable, the two points being pricked. This being the case, the radial plot position would be missing the station by about 0.4 mm. instead of 1.1 mm. as shown on the attached identification data.

As to the apparent error of 1.7 mm. at control station Grus 1947, Sub. Sta., an approximate office recovery of triangulation Station Argo 1947 seems to substantiate the radial plot position. Examination of the photographs in this area indicates that this error may have been due to misidentification in the field since a similar point falls at the radial plot position.

Radial Plot ---- Page 2

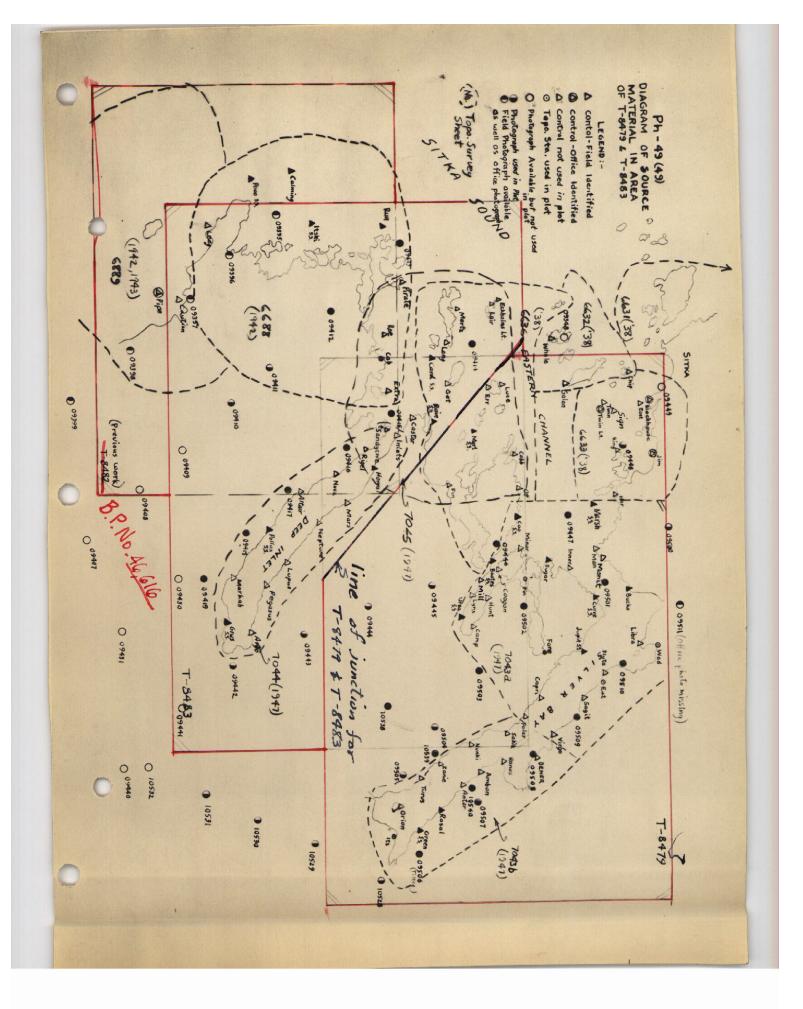
Most of the plot was well controlled and intersections were good. Along the southern portion of the plot some adjusting was required to bridge between Silver Bay and Deep Inlet. This was in an area of great relief where slight tilt affected radial directions. Throughout the plot, shoreline points had good intersections. Consequently, all shoreline, which can be accurately interpreted, should meet accuracy requirements.

Submitted by:

E. H. Ramey

Approved by:

L. C. Lande



IDENTIFICATION DATA Horizontal Control Project Ph-49(49), CS-247

ı ı			Recovery				Accuracy		
Stat or	Name		Photo	Date	Source	Remarks	<u> Folerance</u>	Re:	narks
т-8479				1					,
Magh, 1916	Sub. Sta.		09447	9/15/47	Card	Sketch Positive	Held		
Coo, 1938 Su	ib. Sta.		941160	9/4/47	Card	Sketch Positive	Held		
Curve, 1946	Sub. Sta.	,	09501	9/4/47	Card	Sketch Positive	Held		
Jupit, 1946	Sub. Sta.		09510	8/22/47	Card	Sketch Positive	Held		
Bucko, 1946			09511	9/15/47	Card	Sketch Positive	Held		0 }
Wad (Topo S	Sta.)		09510		Card	Sketch positive	l.l mm		le of hse. be circled her gable
Eat (Topo St	ta.)	•	09510	8/22/47	Card	No Sketc Positive	h held		
Rasal, 1946	5		09507	8/22/47	Card	Sketch Positive	Held		
Green, 1946,	Sub. Sta	•	09506	8/22/47	Card	Sketch Positive	Held		
Its (Topo St	j		09506		Card	Sketch Positive	Held		
Fare (Topo.S				9/4/47	Card	Sketch Positive	Held		,
Pin (Topo S	Sta.)	•		9/4/47		Sketch Positive	Held		
Sugar, 1947			09502		Card	Sketch Positive	Held		
Bootes, 1947		•		9/4/47		Sketch Positive			
Ursa, 1947 S			09503	8/8/47	Card triangula Alaska#40	Sketch Positive	Held	Also show	m on
The wins Li	ght, 1938	-			tri anoul a	ا . معم		Topo Sur	rey T-6633
Jim, 1938				'	Desc. Alaska#40 triangula			T-6633	V45
Blockhouse,	1938				Desc. Alaska#40	Office	Held ed	Also show T-6633	m on
	*Ratin	gs are	as given	on pricki	ng data.				
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STATION monage as management (mass) LATTION (mass) LATTION (mass) LATTION (mass) LATTION (mass) LATTION (mass) NA (mass) STATION (mass) MACK STATION (mass) MACK STATION (mass) MACK <										
FLYTO, 1946 P. 856 1927 135 11 50,223 647.1 164.9 164.	STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR "	-COORDINATE K-COORDINATE	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM	N.A. 192 DIST FROM GRID OR IN M	7 - DATUM ANGE PROJECTION LINE ETENS (BACK)	<u> </u>
FIDTO, 1946 P. 856 1927 135 11 50,223 1037.2 818.6 1037.			ĺ	5,2	05,138			158.9	1,7691	
MANIT. 1946 " " 135 12 33.530 1037.2 818.8	PLUTO, 1946	p.858	1927	ı	50,223			847.1	164.9	
MANUTAL 1946			_	1	33,530			1037.2	818.8	
MANIT, 1946 " " 135 14 52.655	LIBRA, 1946	=	22	- 1	33,145			558.9	452.9	
MANTE, 1916			•	57	59,019			1825.7	30•3	
P. 884	MANIT, 1946	E			52.655			888.1	123.9	
NAMER 1946			•		36,598			1132.1	723.9	
NTNOR, 1917 P 844 135 15 00 55439 130.5 130.4 130.7 881.8 130.5	INNER 1946	=	=	•	29.178			1,92.2	5,50,0	
MINOR, 1917 P 884			٠	- 1	56,139			1736.6	119.4	
DERICO, 1947 " " 135 15 11.897	MINOR, 1947	P 88h	Ē	- 1	07.716			130.7	881.8	
7 " " 135 15 11.897			•	- 1	1,2,690			1320.6	535.5	
7 " " 135 14 40.840	DRACO, 1947	=	Ħ		11,897			200.8	811.8	
7 " " 135 1½ ½0.8½0 675.8 336.9 316.9 7 860 1 135 08 3½.520 895.0 9½.7 906.½ 12.520 895.0 9½.7 906.½ 12.520 895.0 1 135 09 37.196 628.0 385.0 1 135 09 37.196 127.3 1638.7 1 135 09 07.025 885.0 127.9 885.0 17.6½0			•	1	36.489			1128.7	727•3	
a 860 " 56 59 12,520 387,3 1168,7 a 860 " 135 08 34,587 584,1 129,2 " 56 59 30,700 915,7 906,4 " 135 09 10,798 1397,2 158,8 " 135 09 15,167 228,0 385,0 " 135 09 17,640 127,3 1638,7 " 135 09 17,640 127,9 885,0 " 135 09 17,640 127,3 1638,7 " 135 09 17,640 127,9 638,9 " 135 09 22,11,8 127,9 638,0 " 135 09 22,11,8 127,9 638,0	COOGAN, 1947	2	u	ı	40,840			675.8	336.9	
135 08 34,587 564,1 129,2 564,1 129,2 565,4 1 129,2 565,4 1 129,2 565,4 1 129,2 565,4 1 129,2 565,4 1 129,2 565,4 1 129,2 565,4 1 129,2 565,4 1 129,2 565,4 1 129,2 565,4 1 129,2 565,4 1 129,2 565,4 1 129,4 1				l	12,520			387.3	7,894رال	
" " 135 09 10,798 182,3 830,8 182,3 830,8 185,0 19,5,167 628 1885,0 195,7 906,4 1949,4 906,4 1949,7 906,4 194	ORION, 1946	р 860	=	- 1	34.587			581.1	1,29.2	
135 09 10.798 182.3 830.8 182.8			•	- 1	30,700			949.7	17*906	
135 09 37.196 628.0 385.0 135 09 07.025 158.8 127.3 1638.7 135 09 07.576 127.9 885.0 135 09 22.11.8 135 09 22.11.8 137.9 638.9 137.9 1		B	E		10.798			182.3	830.8	
" " 135 09 37.196 628.0 385.0			•	- 1	45,167			1397.2	158.8	
" " 135 09 07.025 217.3 1638.7 " 57 00 17.640 51.5.7 1310.4 " " 135 09 22.14.8 CHECKED BY. E. H. Pamer 4/19/49	ZANIE, 1946	=	=	- 1	37.196			628.0	385.0	
" " 135 09 07.576 127.9 885.0 " 57 00 17.640 515.7 1310.11 " " 135 09 22.11.8 515.7 1310.11 " " 4/9/49 CHECKED BY. E. H. Pamer 119/49		•			07.025			217.3	1638,7	
" " 135 00 17.640 513.9 513.9 515.7 1310.14 " " 135 09 22.11,8	ANTAR, 1946	=	=	- 1	07.576			127.9	RRK.O	
** " " " 135 09 22.11,8 273.9 628.9 273.9 628.9 273.9 638.9 2.W. Williams Date 4/9/49 CHECKED BY. E. H. Pamer 19/49		•	•		17.640			5),5,7	יןיסנגר	
8.W.Williams DATE 4/19/49 CHECKED BY. E. H. Pamer 4/19/49	AMBON, 1946	ŧ=	Ħ	- 1	811.55			373.0	628 O	
	COMPUTED BY: R.W	William		161/4	61	CHECKED BY. E. H	Pame.		il .	

sheet 2 ofv5

STATION	SOURCE OF	DATUM	LATITUDE OR	LATITUDE OR W-COORDINATE	DISTANCE FROM GRID IN FEET.	DATUM		N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE	FACTOR DISTANCE FROM GRID OR PROJECTION LINE
	(INDEX)		LONGITUDE OF	LONGITUDE OR x-COORDINATE	OR PROJECTION LINE IN METERS FORWARD (BACK)	CORRECTION		ETERS (BACK)	IN METERS FORWARD (BACK)
	TTT 850	NA .	57 OI	1,7,278			11,62,5	393.5	
JUPIT: 1946		1361	135 12	23,851			1,00	600.8	
		•	27 00	34.574			1069.5	786.5	
BOOTES, 1947	III 864	n	135 14	50,576			853.6	150.1	
		•		57,150			1767.9	88.1	
CURVE. 1946	III 858	**	135 13	57.001			860.3	151.7	
		•	57 00	07.ևշև			229.7	1 1626 1 €	
URSA; 1947	III 865	u.	135 13	25,960			1,38.3	521, 5	
			57 00	56.079			1734.7	121.3	
OFF, 1938	p. 777	#	135 16	141.536			751 5	. 0.192	
			56 59	55.545			1718.2	137.8	
FIN. 1938	D. 779	tt	135 16	50.897			- 859.2	153.7	
•		•	56 59	27,561			852.6	1003.h	
erezn, 1946	III 860	ŧ	135 07	56-1.93			953.9	59.3	
		•	57 01	04.751	•		11/2.0	1,0071	
DENEB, 1946	p.859	£	135 09	1,8,51,2			1,618	193.5	
		•	57 00	56,454			1746.3	109.7	
POLAR 1946	=	#	135 10	45,803			772.9	239.6	
		•	57 or	21,669			670.3	1185.7	. }
VIRGO, 1946	=	±	135 10	20.138			339.7	672.6	
		•		189,80			268.5	1587.5	
CAPRI, 1946	=	Ħ	135 11	13,979			235.9	776.5	
		1	57 01	47.521			170.0	386.0	
SAGIT, 1946	Ē	E	135 11	14,038			236.8	775.3	
(FT, 3048006 METER D 1.) (1)*	-113		ll .	140) J	0 11 0		4110140	,,,

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR V-COORDINATE	LATITUDE OR V-COORDINATE	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM	N.A. 192 DISTRIBUTE IN THE PERMITTE IN THE PERMITTE IN THE PERMARD	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN WETERS FORWARD (BACK)	FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
-	8		57 00	30.281			936.7	919.3	
MIL 1947	- 121 - 121 - 121	1927	·	31,1,76			531.3	- E	
		•		30,752			951.3	903.7	
HINT 1947	:	:		58,163			981.7	31.0	
	=		57.00	18.268			565.1	1290.9	
LYNX 1947			135 13	57.955			978.3	3/1.5	
	111 860	•	57 00	15,317		.,	1,73.8	1382.2	
CAMP 1917			135 13	09,730			164.2	848.6	
	11 2K8		2202	26.915			833.5	1022.5	
BUCKO 1946		ŀ	135 13	58,307			983.2	28.6	
	177 860		56 59	141,985		y -4	1391.6	164.1	
RASAL 1946	22		135 08	29,313			1,91,9	518.2	
	III 861	• =	57 01	16,402			507.h	1348.6	
SUGAR 72947			135 14	45,182			762.3	250-1	•
			57 02	Ol. 772			71.6	1708 Ji	-
THE TWINS LT. 1938	780	=	135 18	13،567			101.1	310.9	
			57 02	14.339			1371.6	1,81,41	
BLOCKHOUSE 1938	787	. 11	735 78	50.642			853.9	157.8	
		} }	57 02	47,919			1482.3	373.7	3
1938	780	u u	135 17	28.769			1.85.1	526.6	
		=	57 OL	56,309			9- تراكر	114,13	
MARSH. 1946 /	111 050		135 16	114.0514			237.0	775.0	
		•	57 00	5/10-570			1688.1	167.9	
cco, 1938	III 858		מר אני	ςς 1.m.			α { .		

Sheet 4 of 5

STATION INFORMATION CHORN COEB. 1938 R R R R R COEB. 1938 R R R R R R R R R R R R R R R R R R R		LONGITUDE OR #-COORDINATE LONGITUDE OR #-COORDINATE 57 00 11,301 57 00 38,215 57 00 37,927 57 00 37,927 57 00 33,710 57 00 13,710 57 00 13,710 57 00 13,710 57 00 13,710	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM FRO CORRECTION FRO 213 213 213 213 213 213 213 213 213 213	FROM GRID ON PROJECTION LINE IN METERS FORWARD 34.9 • 6 1506.5 100.2 912.6 1182.1 673.9 753.9 258.7 753.9 258.7 1173.2 682.8 374.6 638.0 104.3.7 812.3	FORWARD (BACK) 12.6 12.6 12.2 12.2 12.2 12.2 12.2 12.2
5 P. 860 1927 5 P. 859 " 6 " " " 778 " " Alaska " "	4 4 4 4 4 4 4 4 4 4 4 4 4	11,301 05,936 38,215 11,672 37,927 22,19h 33,7h0 23,727 13,336 13,336			15 6 6 6 6 6	74 79 80 80 80 80 180 180 180 180 180 180 180
5 P. 860 1927 6 " " " " 6 " " " " " " " " " " " " " " " " " " "	* * * * * * * * * * * * * * * * * * * *	28.215 14.672 37.927 22.194 33.740 23.727 13.336				0 0 0 0 0 W 12 W
6 " " " " " Alaska " " P. 778 " " " " " " " " " " " " " " " " " "	4 4 4 4 4 4 4 4 4	38.215 14.672 37.927 22.194 33.740 23.727 13.336 13.336		1 4 1 3 4 1		0 0 0 0 10 V
6 " " " " " Alaska " " " " " " " " " " " " " " " " " " "	* * * * * * * * * * * * * * * * * * * *	114.672 37.927 22.194 33.740 23.727 13.336		7 1 7 9 1		7 80 m la v
6 " " " " " " " " " " " " " " " " " " "	4 4 4 4 4 4 4	37.927 22.19h 33.7h0 23.727 h3.336		1 1 2 3 1 1		80 0 m/m v
F. 778 " Alaska P. 477 "		22,19h 33,7h0 23,727 h3,336		13		O m la v
P. 778 " " " " Alaska P. 777 "		33.740 23.727 43.336		13		m ia v
P. 778 " " " " Alaska P. 777 "		23,727 113,336 18,209		13		las kr
Alaska " P. 777 "	, , , ,	18,209		13		\frac{1}{2}
Alaska "P. 777 "	, ,	18,209				
Alaska P. 777 "	- 1		_			3
Р. 477 п.		52,337		1,0		0
	135 17	38,629		-		9
·	52 m	58,672		16		-
MAN; 1938 P. 861 "	135 15	00,1,89			ĭ	8
Alaska	\$7 02	07,529		-	1923, 9 . 1623,1	
HAR, 1938 P. 777 "	135 16	38,217		9		17
•	57 02	17,613		5	ר	2
RING, 1938 " " "	135 17	31,6942			538.7 473.2	2
_	57 02	34,39)1.	1063.8 792.2	2
SIGN, 1938 P. 782 "	135 18	96.00			16.2 995.5	3
-	57 02	044.00		1	199,2 1656,8	8
TWIN, 1938 . P. 777 "	135 18	43,118		7		7
	57 02	112,1155		13	1313.3 542.7	7
EAST, 1938 " " "	135 18	50,169		-	8,15.9 165.8	82

sheet 5 of 5

GHIP, 1893 P. 776 135 19 31,678 62,591 67.29 bill 3.9 cardaly, 1938 P. 777	STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR #-COORDINATE LONGITUDE OR x-COORDINATE	COORDINATE -COORDINATE	DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN WETERS FORWARD (BACK)
8 P. 777 " 35.547 1099.6	CHIP, 1893	P. 776	MA 1927	l [33.678			7	
	GALAN, 1938	P. 777	=		35.547				
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				,					\$

COMPILATION REPORT - T-8479

31. Delineation:

The graphic method was used in compiling the manuscript. Detail is not shown on the manuscript in the area south and west of Camp Coogan Bay. Additional data from the field photographs has been applied to T-6636. See the Compilation Report for T-8483 concerning new data applied to T-6636.

The small dock or pier in Bear Cove shown on field photograph 09507 is not shown on the manuscript due to guestionable field inspection.

In some instances small bluffs were not included on the manuscript because they could not be delineated properly due to overhanging trees.

Office interpretation of the MHW line was used at triangulation Station Green. The field inspection showed the station on a neck of land but the station is described as being on an island. (Shown 25 15/8nd)

The delineation of the lake N.E. of Bear Cove is of questionable accuracy due to clouds and relief displacement.

Office interpretation of MLLW line was used at the head of the cove East of Herring cove. The field inspected photograph refers to Hydrographic Sheet H-7189 which was not available at the time this sheet was compiled.

32. Control:

The control is satisfactory in regard to identification, density and placement. Topographic station Wad was not held in the radial plot. See the radial plot report regarding this station.

33. Supplemental Data:

T-7043b (1947), 1:10,000; Only short sections of shoreline are shown on the planetable board. These sections of MEW line agree closely with the shoreline detailed on the manuscript. (2) T-7043a (1947), 1:10,000; Some of the short sections of MHW line on the planetable board do not agree with the manuscript. No red MHW line is shown on the manuscript to designate the planetable interpretation. (3) T-6633 (1938),(1:5,000).

34. Contours and Drainage:

Drainage on heavily wooded mountain slopes could not be delineated accurately and is shown as probable drainage unsurveyed.

35. Shoreline and alongshore detail:

The shoreline inspection was adequate. The low water line data was based principally on field inspected photographs and planetable boards. In a few instances office interpretation has been used.

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36. Offshore Details:

Inapplicable

37. Landmark and Aid:

Inapplicable

38. Control for Future Survey:

Inapplicable

39. Junctions:

(1) T-6636 - Junction agrees (2) T-6633 - Junction agrees except for the road which is in fair agreement.

40. Horizontal and Vertical Accuracy:

See paragraph No. 33

46. Comparison with Existing Maps:

Inapplicable

47. Comparison with Nautical Charts:

Chart 8255 August 1948.

Items to be applied to nautical charts immediately - None

Items to be carried forward: None

Approved by:

Submitted by:

D W Williams

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REVIEW REPORT T-8479 Shoreline Map 28 August 1950

61. General Statement.-Shoreline Map T-8479 covers the area of Sitka Sound - Silver Bay, Southeastern Alaska, from Latitude 56°-57' to 57°-03', and from Longitude 135°-06' to 135°-16'. This shoreline map was compiled to furnish shoreline for nautical charts.

62. Comparison with Registered Topographic Surveys. -

T-6633 1:5,000 scale 1938 Topo T-6636 1:10,000 " 1938 Topo T-7045 1:10,000 " 1947 Graphic Control

Refer to the Radial Plot Report and to paragraph 33, Supplemental Data, in the Compilation Report. T-8479 supersedes these surveys for nautical charting purposes, in the areas common to the listed surveys.

63. Comparison with Maps of other Agencies .- Not applicable.

64. Comparison with Contemporary Hydrographic Surveys .-

H-6353 1:5,000 Scale 1938 (Ad. Wk. 1947-1948) H-7189 1:10,000 " 1947

No discrepancies were noted between T-8479 and these surveys.

65. Comparison with Nautical Charts .-

No. 8255 1:40,000 scale August 1948 (Corr. to 4/7/50)

Shoreline Map T-8479 supersedes the shoreline charted on Nautical Chart No. 8255 in the area which it covers.

66. Adequacy of Results and Future Surveys. This map is adequate for use as a base for construction of nautical charts and meets the accuracy requirements of the Bureau for shoreline maps.

Reviewed by:

G. B. Willey

Approved by:

S. V Griffish 729/52 Chief, Review Section

Division of Photogrammetry

Chief, Div. of Photogrammetry

Chief, Nautical Charts
Division of Charts

chief, Div. Coastal Surveys

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