

4183

Form 504	
DEPARTMENT OF COMMERCE	
U. S. COAST AND GEODETIC SURVEY	
State: <u>SE. Alaska</u>	
11-5813	
DESCRIPTIVE REPORT.	
C	
Topographic	Sheet No. <u>4183</u>
LOCALITY:	
<u>Prince of Wales I.-W. Coast</u>	
<u>Long I.-E. Coast and Kaigani</u>	
<u>Strait-S. Part</u>	
<u>1925</u>	
CHIEF OF PARTY:	
<u>H. B. Campbell</u>	

4183

DESCRIPTIVE
REPORT

to accompany

TOPOGRAPHIC SHEET No. 4183

FIELD LETTER "C"

EAST COAST OF LONG ISLAND AND PART
OF KAIGANI STRAIT

August - October, 1925

Scale 1 - 20000

Instructions dated February 27, 1925

Campbell

*Trans. Letter H. B. Campbell } filed with Library - SPR
Feb. 17, 1926*

LIMITS :

The work on this sheet includes the east coast of Long Island from a junction with Sheet No. 3313 on the north, and the south and west coasts as far as \triangle Spot; also the east coast of Dall Island from a junction with field sheet No. 2, northward to \triangle Cliff. The sheet was laid out to include also both shores of Kaigani Strait to a junction with Sheet No. 3313 at Howkan Narrows, but it was found to be impracticable to complete the entire sheet during the season.

GENERAL DESCRIPTION OF COAST :

The east and south coasts of Long Island and that part of Dall Island, shown on this sheet, are very rocky and irregular in outline with numerous bays and small islands. That part of the west coast of Long Island done on this sheet is rocky but more regular. There are a very few short stretches of gravel beach. The work was slowed up considerably by the intricacy of the shoreline.

Long Island is heavily wooded. It is rolling country with many long ridges with indefinite summits, making it difficult to contour. The only conspicuous feature of the relief is the long north and south ridge down the center of the southern part of the island.

There are four bays of considerable size on the east coast of Long Island. Shoe Bay appears to be well protected at the head, but due to the configuration of the surrounding hills, southeasterly and northwesterly winds draw across it with considerable force. The shores are lined with small islands and rocks.

Elbow Bay is partially protected by two islands in the entrance. There is good anchorage for small craft near the head of the south arm. There is a large lagoon connected with the bay by a narrow rocky channel. This channel is impassable except at high water on account of rapids. The lagoon was not surveyed but is shown dotted on the sheet as sketched.

The next bay to the south is open to the southeast. It is lined with rocks, some of them a considerable distance from shore. The head of the bay is foul.

Coning Inlet is the largest indentation on the east coast. It is open to the southeast, save for the head of the inlet and the small bay on its south shore, which is an excellent anchorage for small craft. There is a lagoon at the head of Coning Inlet, and connected with it by salt water rapids. This was not surveyed, but a partial reconnaissance indicates that its shape and size as shown on Chart 8146 is approximately correct, although its position is not correctly shown on this chart. It is shown by dotted lines on the topographic sheet.

DANGERS :

There are numerous rocks along the shore, none of which are more than $\frac{1}{2}$ mile offshore. The more important are the following.

\triangle The covering rock at the northern end of the sheet $\frac{1}{2}$ mile southeast of Shoe. This is a large rock; it bares at half tide.

The reef on which \triangle Marble is located. This reef is about 200 meters

long with several points above high water; the highest point is at the inshore end and has an elevation of 10 feet above mean high water.

The covering rock 500 meters, 155° from \triangle Marble. It bares 4 feet at mean lower low water. It is marked by a few strands of kelp in summer.

Two small wooded islands in the entrance to the large bay north of Coning Inlet. There is a rocky ledge extending 100 meters to the southeast from the southeast end of the westerly island.

The conspicuous black rock upon which \triangle Con is located. It is 40 feet above high water.

The group of rocks about $1\frac{1}{2}$ miles north of the southeast corner of the island, upon the highest of which \triangle Ban is located.

South Rocks consisting of two large rocks 28 and 29 feet high and several smaller rocks.

A group of rocks off the south point of the island, the largest being 6 feet above high water, and the remainder covering at high water.

A large rock 1 mile northwest of Kaigani Point, and $\frac{1}{4}$ mile offshore, 18 feet above high water.

CONTROL :

The east coast was controlled by triangulation by R. B. Derickson in 1908, supplemented by four additional stations located during the current season. The work in Kaigani Strait was controlled by triangulation done during the current season, and based on the 1908 triangulation.

SURVEY METHODS :

Planetable triangulation supplemented by traverse was used in the bays; traverse between triangulation stations on the outer coast; and three point fixes supplemented by traverse in Kaigani Strait. All traverses closed within the limit of 8 meters per mile.

NEW NAMES :

Inquiry was made of many persons familiar with the country, in regard to local names for the bays on the east coast of Long Island, but without success.

Elbow Bay was adopted as the name of the second bay from the north on account of its shape.

Shoe Bay was adopted as the name of the northernmost bay on the east coast of Long Island, from its proximity to Shoe Rock.

It is recommended that the bay on the south side of Coning Inlet be called Ning Bay. This is a good launch anchorage, and it is believed that if it is named on the chart, it may more readily be called to the attention of operators of launches.

LANDMARKS :

A very prominent landslide on the south end of Long Island makes an excellent landmark, and should be charted.

JUNCTION WITH SHEET NO. 3313 :

A satisfactory junction was made with the shoreline of Sheet No. 3313,

but considerable discrepancy in the form lines was noted. The form lines on Sheet 3313 cover a portion of the water area of Shoe Bay, and the 950 foot summit to the west of Shoe Bay could not be identified.

ELEVATIONS :

Elevations are referred to mean high water except for rocks awash which are referred to mean lower low water.

Respectfully submitted

M. O. Witherbee

Respectfully Submitted

H. B. Campbell

H. B. & E. Campy, Natoma.

Name	Latitude	D. M.	Longitude	D. P.	Remarks
Roy	54 47	287	132 41	311	Whitewash on offlying rock.
Beg	46	809	40	946	" " " "
Cos	46	501	40	866	" " " "
Rap	45	1606	40	368	Whitewash
Top	45	1043	40	279	Summit of rock (18')
Sam	45	995	39	930	Whitewash
Ter	45	874	39	650	"
Sum	45	140	39	155	Summit of Rocky Island
Spv	45	441	39	92	Pinnacle
Al	45	259	38	921	Whitewash
Ben	45	15	38	713	"
Cap	45	140	38	460	"
Jag	44	1772	38	355	"
Dol	45	160	37	1057	"
El	45	411	37	903	"
So	44	1707	38	148	Marked
Fast	45	733	37	992	Whitewash
Gin	45	662	37	763	"
Up	45	690	37	591	"
Hat	45	1015	37	482	"
If	45	1611	37	521	"
Lit	46	102	37	303	"
Ded	45	1756	37	60	Dead Tree
Key	45	1394	36	742	Pinnacle
Leg	45	1394	36	682	Whitewash
Mil	46	70	36	623	Summit of rock
Nut	46	508	36	640	Whitewash
On	46	1048	36	750	"
Pal	46	1265	36	1023	"
Rat	46	1564	37	11	"
Sid	47	94	36	1001	"
Toe	47	391	36	849	"
Us	47	502	37	28	"
Vi	47	885	37	200	"
Win	47	1069	37	731	"
Ex	47	1296	38	15	"
You	47	1354	37	761	"
Zig	47	1464	37	452	"
Pot	47	1651	37	371	"
Buy	48	81	37	622	"
Hen	48	580	37	883	"
Lie	48	577	38	113	"
Sal	48	832	38	144	"
Get	48	1140	38	271	"
Rum	48	1439	38	396	"
Cut	48	1729	38	373	"
Low	49	16	38	482	"
Fe	49	285	39	3	Summit of Rock
Hub	49	271	39	489	Whitewashed tree trunk
Sis	49	400	39	1032	Whitewash
Bro	49	782	40	250	"
Son	49	762	40	422	"
Dot	49	563	40	609	"

Bump	54	49	542	132	40	515	Whitewash
Tar		49	471		40	578	"
Line		49	522		40	776	"
Soo		49	677		40	711	"
Slo		49	742		40	881	"
Kin		49	780		40	611	Summit of Rock
Chic		49	1078		40	675	Whitewash
Til		49	998		40	449	"
Dog		49	945		40	342	"
Go		49	909		40	123	"
Mit		49	1015		39	716	Summit of Rock
Walk		49	1359		39	720	" " "
San		49	1706		40	325	Whitewash
Paul		50	139		40	308	"
Great		50	172		40	339	" marked
Wes		50	109		41	75	"
Tern		50	273		41	280	"
Iac		50	752		41	405	" "
Sil		50	995		41	922	"
Vane		50	972		42	99	Dead stub
Tral		50	1247		42	283	" "
Sen		50	1263		42	517	Whitewash
Bud		50	1210		42	629	Dead tree
Hard		50	1325		42	789	" "
Soft		50	1538		42	767	Whitewash
Fine		50	1428		42	630	"
Thin		50	1414		42	420	Whitewashed boulder
Fat		50	1473		42	60	Whitewash
Pit		50	1214		41	730	"
Able		50	1633		41	516	"
Boy		51	50		41	178	"
Cat		50	1562		41	0	"
Dog		50	1283		40	693	"
Easy		50	892		40	429	" marked
Fox		50	1084		40	171	"
Girl		50	1395		39	1020	"
Rob		50	1657		40	39	"
Bert		51	15		40	93	Stump
Rum		51	168		40	246	Whitewash
Whiz		51	393		40	282	"
Sham		51	563		40	260	"
Pans		51	698		40	250	"
Rye		51	483		40	87	"
Crow		51	299		39	861	"
Star		50	1653		39	696	"
Wine		50	1314		39	543	"
Port		50	880		39	75	"
Ile		50	662		38	811	Summit of rocky island
Bran		50	920		38	783	Whitewash
Dee		50	615		38	498	"
Can		50	375		38	218	"
Aid		50	278		38	7	White Marble Outcrop
Wan		50	275		37	1028	" " "

Club	54	50	531	132	38	44	Whitewash
Pick		50	672		38	21	"
Kol		50	1005		38	32	"
Sun		50	1197		38	88	Summit of rock
Hed		50	1078		37	924	Whitewash
Ake		50	979		37	697	"
Tuf		50	1143		37	644	"
Kid		50	1578		37	830	"
et		51	0		37	727	"
Men		51	108		37	926	"
Wim		51	65		37	908	"
Song		51	148		38	22	"
John		51	108		38	200	"
Pete		51	254		38	346	"
Moon		51	321		38	587	"
Kay		51	528		38	610	"
Stic		51	734		38	664	Summit of rocky island
Dil		51	809		38	1000	Whitewash
Mut		51	910		39	46	"
Jig		51	1069		39	495	"
Mag		51	1338		39	571	"
Daw		51	1593		39	570	"
Tip		51	1727		39	782	"
Jef		51	1836		39	634	"
Rue		52	35		39	197	"
Cry		52	551		39	290	"
Dam		52	568		38	940	"
Val		52	408		38	466	"
Ten		52	848		38	670	"
Rot		52	840		38	345	"
Cas		52	723		37	1022	"
Les		52	187		37	720	"
Use		51	1540		37	540	"
Pen		51	1593		37	447	"
Out		51	500		36	1049	utermost rock
Luk		52	210		37	477	Whitewash
Bit		52	499		37	444	"
Twin		52	1016		37	670	"
By		52	1171		37	846	"
Mis		52	1224		37	509	"
Log		52	2235		37	380	"
Lon		52	1728		37	687	"
In		51	503		37	118	"
Day		53	99		37	830	"
Not		53	90		38	85	"
Sat		53	302		37	1035	"
Punk		53	927		38	50	"
Wash		53	1134		38	243	"
Mid		53	1302		38	442	"
Wen		53	1848		38	737	"
Lo		54	269		38	950	"
Bill		54	407		39	196	"
Bad		54	166		39	269	"
Junk		53	1584		39	571	Signal

Car	54	53	1518	132	39	165	Whitewash
Tin		53	1385		39	50	"
Joe		53	1226		38	860	"
Camp		53	1084		38	789	West Gable of Shack
Last		53	1082		38	905	Whitewash
Tide		53	1207		39	110	"
Kle		53	1194		39	930	"
Gor		53	1154		40	133	"
Alf		53	1372		40	462	"
et		53	1447		40	353	"
sa		53	1602		40	78	"
Gam		54	18		40	122	"
Delt		54	274		40	3	"
Dave		54	573		40	148	"
Bev		54	820		39	979	"
Van		54	850		39	610	"
Mer		54	856		39	458	"
Bush		54	1009		39	864	Lone Bushy Tree
Car		54	1032		39	861	Whitewash
Big		54	1423		40	398	"
Lit		54	1414		40	514	"
Skid		54	1369		40	553	"
Cook		54	743		40	830	"
Mit.		54	1328		40	1019	"
Wat		54	1137		41	19	Whitewash on summit of rock
Nell		54	1611		41	198	"
Bla		54	1761		41	418	"
Liz		55	76		41	441	"
Zit		55	548		41	512	"
Scrub		55	709		41	786	Lone stunted tree
Pine		55	682		41	891	Lone tree
Root		55	666		42	121	Root of fallen tree
Dal		55	604		42	282	Whitewash
Inn		55	675		42	485	Summit of rock; covered by spring tides.
Old		55	261		42	672	Stump
Stump		54	1735		43	136	"
Rock		55	263		43	130	Summit of rock; covered by spring tides.
Dar		55	223		43	402	Whitewash
Hand		54	1843		44	37	"
Pil		54	1264		44	139	"
Wet		54	1048		44	109	"
Sal		54	795		43	968	"
Toby		54	934		44	153	Whitewashed boulder
Rex		54	1368		44	820	Summit of rock
Hav		54	1775		44	1051	Signal
Tan		55	125		44	668	Whitewash
Cos		55	241		44	373	"
in		55	312		44	189	"
Sec		55	547		43	737	"
Rom		55	647		43	559	" covered at high water
Me		55	935		43	389	"
Step		55	1366		42	989	"
Lap		55	1290		42	856	"

Tow	54	35	1705	132	42	928	Whitewash
Wer		55	1615		42	793	"
See		55	1825		43	0	"
Next		56	226		43	139	"
Join		56	587		43	393	"
Jump		56	1125		43	563	Summit of L. W. Rock
Andy		46	331		43	398	Whitewash
Bum		46	1735		43	371	"
Cal		46	192		43	653	"
Dud		46	678		44	50	"
Pop		46	869		44	252	"
Gap		46	344		43	750	"
Hol		46	1088		44	230	"
Jim		46	1316		44	474	"
Mad		46	1472		44	480	"
Nan		46	1193		44	53	"
Ox		46	1473		44	378	"
Pup		46	1250		43	978	"
Red		46	820		43	678	"
Sam		46	1116		43	665	"
Tod		46	673		43	252	"
Vag		46	1469		43	968	"
Wit		46	1427		43	814	"

AND REFER TO NO. 11-DEM

DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY

WASHINGTON October 7, 1926.

SECTION OF FIELD RECORDS

Report on Topographic Sheet No. 4183

Long Island, East Coast and Kaigani Strait, Alaska

Surveyed in 1925

Instructions dated February 27, 1925 (NATOMA)

Chief of Party, H. B. Campbell.

Surveyed and inked by M. O. Witherbee and C. I. Aslakson.

1. The records as well as the plan and character of the survey conform to the requirements of the General Instructions except that there are only one-half the prescribed number of determined elevations. Information in the descriptive report concerning rocks should also have been put on the sheet.
2. ✓ The plan and extent of the survey satisfy the specific instructions.
3. ✓ The junctions with the adjacent sheets are satisfactory.
4. ✓ No further surveying is needed on this sheet, but when the western shore of Long Island is surveyed a junction should be effected with the form lines on this sheet.
5. The character and scope of the surveying and field drafting are good. ✓
6. Reviewed by E. P. Ellis, October, 1926.

Approved:

A. L. Giacomini

Chief, Section of Field Records

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

TOPOGRAPHIC TITLE SHEET

4183

The finished Topographic Sheet is to be accompanied by the following title sheet, filled in as completely as possible, when the sheet is forwarded to the Office.

U. S. Coast and Geodetic Survey.

Register No. 4183 ^C

State ~~SE~~ Alaska
General locality . . . Prince of Wales I. - W. Coast
Locality . . ~~West Coast, Prince of Wales Island.~~ . . .
Long I. - E. Coast and Kaigani Strait - S. Part
~~East coast of Long Island and southern part of~~ . . .
~~Kaigani Strait~~
Chief of party H. B. Campbell
Surveyed by . . M. O. Witherbee and Carl I. Aslakson
Date of survey . . August - October, 1925
Scale . . 1:20000
Heights in feet above . . Mean high water
Contour interval . 100 . feet.
Inked by M. O. W. & C. I. A. Lettered by . . M. O. W.
Records accompanying sheet (check those forwarded): Photographs,
Descriptive report, ☒ Horizontal angle books, Field computations,
Data from other sources affecting sheet

Remarks: