



3106

DEC 20

Department of Commerce and Labor  
COAST AND GEODETIC SURVEY

Superintendent.

State: *Alaska*

DESCRIPTIVE REPORT.

*Top* Sheet No. *3106*

LOCALITY:

*Port Graham east to the  
end of the sheet*

1901

CHIEF OF PARTY:

*W. E. Parker*

3106



Shore Line.

The shore line from Port Graham east to the end of the sheet is mostly a steep rocky one with stretches of rock and sand beaches. The most conspicuous, sand beaches are those running out to 117 ft rocky point at the west entrance to Seldovia harbor, and ~~the~~ Nubble Point which is rocky and 120 feet high.

Character of the Country:-

Most of the country is covered with a scrub growth of pine and some of the hills with grass. It is a volcanic country and from the shore it is difficult to see exactly how the ridges extend.

Island: The large Islands Hesketh, Yukon, and Cohen, are all covered with timber, and have rocks covering at high water lying off their north, and small stretches of sand beach on their south shores. Between <sup>H</sup>Hesketh and Yukon island is a small island about 50 feet in height covered with grass, the one on which O Doll was built. The Herring Islands, with the exception of the one on which O Hunt was built, which is about 50 ft high and covered with grass, are low and covered with timber.

Bays and Inlets.

Kahsitsnah bay with the exception of Port Graham and Seldovia harbor is the only sheltered anchorage. The two inlets between Kahsitsnah and Tutka bays are full of sunken rocks and have no indication of having a glacier emptying into them. Tutka Bay and Sadie Cove are both outlets of glaciers which empty into the head of each flowing in small streams over a long marsh, and forming at the head of both inlets a long sand flat which drops very suddenly into deep water. The side of a glacier was seen at the head of Tutka bay but was not seen in Sadie Cove. The shore of both of these arms are very steep and are mostly rocky bluff.

The most conspicuous landmarks along the coast, are the points on which  $\Delta$  Dangerous was located, the point at the west entrance to Seldovia harbor, Noble point, the three large islands the north side of Eldred passage and a small grass covered island N.E. of Cohen island and about 60 feet high. Peak A and two peaks close to it on the west,  $\Delta$  High and the high land between Sadie Cove and Tutka Bay are the most conspicuous marks back from the shore line.

Surveying Methods:-

A compass traverse with a plane table was at first run between Seldovia harbor and  $\Delta$  Dangerous by Asst. Schapiro but owing to great local attraction was found considerably out in azimuth, the signals along this stretch of shore line was afterwards located by W. E. Parker, Asst and the shore line as originally run between them swung in. Mr. Schapiro Asst continued the topography from Seldovia to Otter Head using the plane table, from there to the eastern end of the sheet the work was done by Mr Hardy, Asst. The plane table was used for most of this work but the sextant was often used for determining points on the high water mark. The steep shores of Sadie Cove and Tutka Bay, making it very difficult and a more expensive piece of work than was warranted to use either the plane table or theodolite, the sextant was used. Sextant triangulation was carried to the head of Sadie Cove and towards the head of Tutka Bay, until the intersections became poor, then the sextant was used for determining the azimuth and the running time on different courses in the launch for distances, to aid in sketching.

Sub Sketch.

The sub-sketch shows the head of both Sadie Cove and Tutka Bay both of which fell beyond the limit of the sheet with the entrance to each and enough signals on the sheet to determine their azimuth.

W. E. Parker  
Chief of Party

W. E. Hardy  
Asst C. S.

# Plane Table Positions

Objects and descriptions	Lat	D.M.	Long.	D.P.	Height.	Remarks
Man	59 28	1734	151 31	723		W.W.mark
Wom	59 28	1168	151 31	773		W.W.mark
Help	59 28	1070	151 30	764		Banner signal
Stump	59 28	1822	151 31	243		Large stump on green Island
Duck	59 28	1720	151 27	867		W.W.mark
Bill	59 29	761	151 28	316		W.W.mark
Oil	59 29	1144	151 29	644		W.W.mark
Hunt	59 29	1465	151 29	900		Banner signal on highest point of Island.
Dad	59 29	1784	151 28	700		W.W.mark
Kid	59 30	90	151 28	590		W.W.mark
Boy	59 30	148	151 27	532		W.W.mark
Nat	59 30	130	151 26	832		W.W.mark
Hap	59 30	262	151 25	870		W.W.mark
Mote	59 30	286	151 24	400		Pole signal just outside h.w.mark
Pen	59 30	1284	151 24	346		W.W.mark
Run	59 30	854	151 26	570		W.W.mark
Cub	59 30	758	151 27	416		Banner signal on Point
Back	59 30	1070	151 27	20		Banner signal on E and highest point of Island.
Tree	59 30	1298	151 29	168		Banner in large tree.
End	59 30	1086	151 29	678		W.W.mark
Jap	59 30	372	151 32	36		S.Gable of Jap's house.
Red	59 30	478	151 32	268		W.W.mark on rock.
Mid	59 30	1474	151 30	350		W.W.mark
Doll	59 30	1292	151 30	618		Banner on highest point small Island.
Gay	59 31	135	151 31	172		W.W.mark on Point
Nip	59 31	1151	151 30	646		W.W.mark on rock, Sharp rock near it
Dim	59 31	1511	151 27	386		Banner on Island.
Hut	59 32	710	151 26	658		W.W.mark.
C old	59 32	896	151 26	380		W.W.mark.
Last	59 32	1250	151 25	445		W.W.mark
I sle	59 32	1620	151 28	338		Banner on center of Island.

# Plane Table Positions

Objects and Descriptions	Lat.	D.M.	Long.	D.P.	Height	Remarks.
Gull	59 24	1136	151 53	549		A W.W.rock
Low	59 25	910	151 52	266		A.W.W.rock
Nit	59 25	1710	151 50	765		A W.W.mark
Pin	59 26	356	151 49	698		A W.W.mark on a sharp rock
Pole	59 26	248	151 48	232		A banner
Dub	59 26	1084	151 47	398		A W.W.mark
Big	59 26	1344	151 46	670		A W.W.mark
Cod	59 26	1180	151 45	570		A W.W.mark
Rot	59 27	198	151 44	285		A W.W.rock
Bass	59 26	1200	151 44	380		A W.W.rock
Wat	59 28	1836	151 41	808		A water fall
Dog	59 28	700	151 40	262		A W.W.mark
Cat	59 28	1130	151 39	763		A W.W.mark
Ted	59 29	1834	151 39	100		Banner sig built at h.w.m.near rounding sand point
Lea	59 28	1796	151 38	514		W.W.mark on Rk at h.w.m.
Bell	59 28	958	151 37	173	about 15	W.W.mark on rky cliff
Sun	59 28	712	151 36	52		W.W.mark on rock near beginning of sand beach
Nub	59 28	22	151 34	436		Banner sig on Nub Pt.
Point	59 28	1376	151 33	859		Banner sig on rounding point
Girl	59 28	1352	151 34	526		Banner sig on h.w.island
Moon	59 28	638	151 35	839		Banner signal near h.w.mark at head of bay.
Star	59 28	200	151 34	898		House-North Gable
Tent	59 27	1686	151 34	400		Pitched tent of camping party
Low	59 28	252	151 33	000		W.W.mark on rocky point at h.w.mark
Pig	59 28	308	151 31	925		W.W.mark on h.w.mark
Pad	59 28	1230	151 30	429		Tripod sig on rock
Gold	59 28	810	151 29	261	about 10 ft	W.W.mark on rock
Tut	59 28	184	151 28	000		W.W.mark
Bay	59 27	264	151 27	181		W.W.mark
Up	59 27	1242	151 26	636		W.W.mark
Cur	59 27	802	151 25	21		W.W.mark
Dig	59 27	1138	151 25	709		W.W.mark
Nar	59 27	1566	151 26	342		W.W.mark
Gall	59 23	694	151 27	255		W.W.mark
Bat	59 26	78	151 25	583		W.W.mark

*Bede Mt seen over Dangerous Cape*

← Mt Bede



Taken from Kachemak Bay  
Δ High bearing approx. south

High →



Seldovia Harbor from entrance

White-washed rock just clear of Watch Point clear's rock NW x N. of Watch Point

White-washed Rock

Watch Point

