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U. S. COAST AND GEODETIC SURVEY  
NO. 28-550  
Acc. No.

COAST AND  
GEODETIC SURVEY  
APR 12 1911  
NEW YORK

Department of Commerce and Labor  
COAST AND GEODETIC SURVEY

Superintendent.

State: *Alaska*

DESCRIPTIVE REPORT.

Sheet No.

LOCALITY:

*Shore line from  $\Delta$  Station  
"Ninilchik" to  $\Delta$   
Station "Anchor Point"*

1901

CHIEF OF PARTY:

*W. E. Parker*

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Descriptive Report of the Shore Line From  $\Delta$  n Station "Ninilchik" to  $\Delta$  n Station "Anchor Point".

The shore line from  $\Delta$  n Station "Ninilchik" to  $\Delta$  n Station "Anchor Point" consists in the main of eroded, yellowish white sand cliffs varying in height from 100 to 250 feet. Back of these cliffs, the country is generally heavily wooded, and rises gently until it attains in the interior a height of from 1500 to 2000 feet. Here and there, seams of coal protrude from the eroded face of the cliff, and water falls are frequently met with. There are no obstructions to Navigation any where along this stretch.

From  $\Delta$  n station "Ninilchik" to topographic signal "Pile".

The shore line between these two stations is one continuous stretch of eroded sand cliffs conspicuous by their yellowish white appearance. the erosion is progressing continually causing the H.W. line to retreat rapidly. "Wat" and "Fall" are two conspicuous water falls the water fall at "Wat" being low and broad while the one at Fall is high and narrow. Between signals "Ninilchik" and "Ford" there are a number of seams of soft coal.

Station "Ford" is a fairly conspicuous land mark as the cliff drops abruptly down to the H.W. mark and it is higher than any other spot in the immediate vicinity.

From topographic signal "Pile" to  $\Delta$  n station "Anchor Point".

Slightly to the North of the station "Pile" there is the mouth of a narrow fresh water stream which runs for about two miles to the South terminating in a small fresh water marsh. This stream is from twenty to forty meters in width and can not accomodate even a medium sized launch. <sup>on</sup> The west-  
ern side of the stream there is a narrow sand spit which is slightly above H.W. mark. This spit composed partly of sand and partly of marsh runs to a distance 1/4 mile south of station "Jim". Signal "Star" is a red roofed fisherman's house and is the only landmark in the vicinity. There was a large fish trap at signal "Pile" during the season of 1910. There is good holding ground in the bight between signals "Flag" and "Star".

Cape Starichkoff is a heavily wooded headland but it is lost against the higher heavily wooded background when it is viewed a short distance off shore. From signal "Jack" to signal "Anchor Point", there is a stretch of sand cliffs that present no distinguishing features. The signal "Anchor Point" itself is on the highest of these cliffs.

*S. H. Schapiro*  
*Asst. Chf. S.*

Descriptive Report for topography between  $\triangle$  Ninilchik and  $\triangle$  Stan.

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Between  $\triangle$  Ninilchik and N inilchik Church the bluff line runs a little back from the beach and the two rivers, the one just south of Ninilchik village, and the one by the village are both small and cannot be used for small boats at low water.

From N inilchik Church north the shore line rises in a sheer bluff from <sup>N</sup>W. mark to a height of between 100 and 200 feet and with the exception of a stretch of about one quarter of a mile from  $\triangle$  Weid south, is covered with a scrub growth of pine.

Surveying Methods. The plane table was used for the whole of this length of shore line, a traverse being run between triangulation points.

*S. Hardy  
and C. G. S.*

*W. E. Parker  
Chief of Party*

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Plane Table Positions.

Objects and Descriptions	Lat.	D.M.	Long.	D.P.	Height feet	Remarks
Rok, a large rock bare at high water, near the H.W. line.	59 58	894	151 43	905	5	
Bum, a whitewashed mark	59 59	582	151 43	618	10	
Tide, tide staff	60 00	1354	151 43	386		
Red, House W. Gable	60 00	1490	151 43	116		
Spit, Banner	60 01	1324	151 42	464		
Hut, W.W. Hut (W. Gable)	60 02	754	151 41	241		
Dot, W.W. Rock on h.w.m.	60 03	1392	151 39	449		
Stream, Water fall	60 04	1338	151 38	218		
Trap, Banner on end of fish trap	60 05	370	151 38	17		
Shack, House (W. Gable)	60 05	380	151 37	710		
Tent, Tent	60 05	718	151 37	530		
Bold, Bare rock outside						
h.w. mark	60 05	1274	151 36	54	10	
Bad, Tent	60 07	480	151 33	669		
Bush, Banner in bush						
on h.w. mark	60 08	322	151 32	00		
Do, W.W. rock	60 08	1325	151 30	724		
Fine, House W. Gable	60 09	198	151 30	550		
Camp, Tent	60 09	1534	151 29	664		
Fish, W.W. Rock on h.w.m.	60 11	202	151 27	841		
Last, Flag in bushes	60 12	1678	151 25	324		

Plane Table Positions.

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Objects and Descriptions.	Lat.	D.M.	Long.	D.P.	Height feet	REMARKS
Hare, a pile of driftwood white washed, not marked	59 48	918	151 50	512	0 0	
Best, a tent on the beach	59 49	280	151 50	00 00	beach	
Sal, a flag on a trap stake.	59 49	554	151 50	424	5	
Poe, a pile of W.W. drift- wood on the beach.	59 50	148	151 49	351	00	
Jask, a banner on the beach	59 51	1878	151 48	62	beach	
Jim, a banner on the beach not marked.	59 52	20	151 48	538	"	
Plank, a W.W. board on the beach, not marked.	59 52	1174	151 48	274	"	
Jeff, a W.W. banner on the beach, not marked	59 53	144	151 47	755	" feet	
Pile, a flag on a fish trap	59 54	352	151 46	586	" 5	
Star, a fisherman's house on the beach.	59 53	124	151 46	664	beach	
Flag, a banner on the beach not marked.	59 54	1538	151 45	663	"	
Mut, a W.W. mark on the face of a cliff.	59 55	606	151 45	354	feet 10	
Gold, a miner's tent on the beach.	59 55	1776	151 45	106	beach	
Ford, a tripod signal on a cliff, not marked.	59 56	1200	151 44	580	feet 240	
Big, a large W.W. rock	59 57	820	151 44	326	5	
Fall, a water fall	59 58	452	151 44	46	50	
Wat, a water fall.	59 58	732	151 44	00	35	

*S. H. Schapiro*  
*Asst. Ctg. Survey*