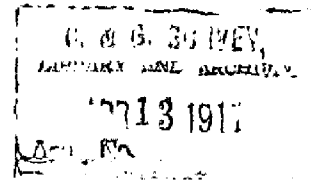


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3097



Department of Commerce and Labor
COAST AND GEODETIC SURVEY

Superintendent.

State: *Alaska*

DESCRIPTIVE REPORT.

For Sheet No. *3097*

LOCALITY:

*Entrance to Kenai
River*

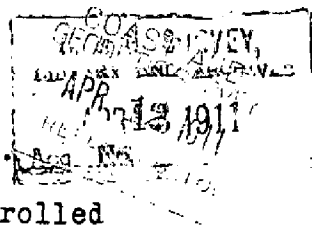
1900

CHIEF OF PARTY:

C. G. Sullivan

3097

Descriptive Report Topographic Sheet No 3097.



Survey was made on a scale of 1-10 000 . Controlled by traverse using P.T.telemeter rods. Later several points were determined by triangulation and sufficient points on the sheet located to orient it.

The North bank of the Kenai River is a high bluff ,Sandy. The country back of the bluff is ~~at~~ level and all densely wooded.

The village of Kenai is located on the North bank of the river. Population is about 400 natives and squaw men. Principal industries, fisheries in summer, and exploiting parties after big game shooting in the winter. The Church is the most prominent building. Is painted white and distinguished by the greek cross.

A salmon cannery is maintained by the N.W.Fisheries Co. of Seattle, during the summer. The vessels arrive about April 1st and leave early in September. Capacity of the cannery is about 30 000 cases of salmon. Employes about 100 people, whites, natives, and orientals. The cannery has a good sized store where supplies may be had in limited quantities. Fresh water may be had at the cannery wharf after June 1st until Sept 1st. Wharf can be used only at high water and when not in use by the cannery vessels. At low water the l.w. line extends some 10 ft outside of the wharf. The wharf is torn down about Sept, 1st.

There are two small stores in the town where provisions and some supplies in limited quantities may be obtained.

There are also the buildings of an abandoned cannery about 1 mile from the village.

Several small vessels call at Kenai enroute to and from Port Graham and Seldovia to points at the head of the Inlet.

The N.W. Fisheries Co. has two steamers here and a sailing vessel anchored some five miles off shore.

During the summer mail is brought up promptly after mail steamers call at Seldovia. In winter there is a monthly mail service by carrier.

The river is reported to freeze and vessels can not enter shortly after Dec. 1st. Ice breaks about April 1st; but vessels using the river at that time must enter on the flood tide and leave before the ebb brings down ice. Vessels can lie in the river after May 1st to 10th.

The range of tide averages about 18 ft. maximum range about 28 ft. Currents are strong running from 3 to 6 knots. The flood current is reported to run about 15 miles up the river.

Respectfully, submitted.

C. G. Quillian

Assistant, C. & G. Survey,

Chief of Party.

*see also Seamon's report 1911
+ descriptive report Topog sketch # 3096*

POSITIONS. 3097

State

U. S. G. SURVEY,
LIBRARY AND ARCHIVES
19713 1911
AGE 64

AZIMUTH.

BACK AZIMUTH.

TO STATIONS.

DISTANCE.

Meters.

LOGARITHMS.

Do not write in this margin.

GEOGRAPHIC

Locality *Cook Inlet, Alaska*

Valdez Datum.

11-676

STATIONS.	LATITUDE.		Seconds in Meters.	LONGITUDE.		Seconds in Meters.
	°	' "		°	' "	
<i>Kasloff</i>	60	21 45.709		151	22 54.662	
<i>Kenai Church</i>	60	33 02.105		151	16 21.794	
<i>Ivo</i>	60	32 36.112	1114.6	151	15 49.908	153.9
<i>W. Base</i>	60	32 53.774	1664.4	151	16 28.174	422.4
<i>clump</i>	60	32 12.437	384.9	151	16 23.578	359.6
<i>Drive</i>	60	31 11.214	1510.0	151	16 58.939	899.3
<i>*Pui</i>	60	33 10.66	330.0	151	17 21.936	334.3
<i>*Point</i>	60	33 26.68	825.8	151	18 13.89	211.7
<i>*Lui</i>	60	32 38.62		151	13 38 ^(37.8) ₍₂₎	

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† Observed one way only
* No check

POSITIONS.

State

AZIMUTH. " / "	BACK AZIMUTH. " / "	TO STATIONS.	DISTANCE. Meters.	LOGARITHMS.
195 57 33.	16 03 14.	Kenai Church	21779.2	4.33804
27 13 25	17 18 34	Drive	18328.5	4.26312
9 22 43	189 22 11	Drive	✓ 3476.6	3.54144
1 00 49	181 00 48	Chimp	✓ 1537.6	3.18683
148 51 54	328 51 26	Kenai Church	✓ 340.0	2.97311
35 01 07	215 00 38	Chimp	✓ 894.7	2.95168
138 08 43	313 08 09	W. Base	✓ 797.5	2.90260
267 46 34	87 48 29(2)	Tri	✓ 2011.4	3.30550
220 14 06	100 16 34(2)	Tri	✓ 2635.2	3.42081
15 53 29	195 52 58	Drive	✓ 1970.2	3.29451
176 51 58	356 51 54	W. Base		3.10767
143 49 02	323 50 38	Point	✓ 2847.5	3.45446
153 43 45	333 42 54	Rise	✓ 2009.6	3.30310
174 35 02	354 34 42	Rise	✓ 3713.3	3.56978
164 45 43	344 46 49	Point	✓ 4345.9	3.63808

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