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1911
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3237

C. & G. SURVEY,
LIBRARY AND ARCHIVES
JAN 17 1912
Acc. No.

Department of Commerce and Labor
COAST AND GEODETIC SURVEY

Superintendent.

State: *Alaska*

DESCRIPTIVE REPORT.

Tope Sheet No. *3237*

LOCALITY:

Cook Inlet West Shore
Lupadui Mts to Chukotka Bay

1905

CHIEF OF PARTY:

C. J. Sullivan

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Tuxedni Harbor to Mt Chinitna,

1-40,000.

This sheet shows the shore line from the valley just south of Tuxedni Harbor southward including Chinitna Bay to a point 3 miles south of the Bay. It joins on to the 1-20,000 sheet of Tuxedni Harbor and is the southernmost of the 1911 topographic sheets.

The flat off Bear Flat is low and inconspicuous and covered with spruce trees.

The foothills some two to four miles inland are of some prominence but are rendered less so by the snow clad summit of Iliamna Volcano and the Two Twins some twelve miles inland. For general outline of the foothills see 1-100,000 Hydrographic Sheet.

The point at signal Tan consists of a sliding bluff about 30 ft high and covered with spruce trees, and it is prominent from Chinitna Bay and southward.

From this point to a mile beyond signal Bluff the shore is steep with a bluff usually facing the beach. The height of the bluff varies from about 60 ft at signals Rose and Tar to nearly 200 ft a mile to the westward. A mile beyond signal Bluff a sand beach begins and continues until within a few hundred yards of signal Veal, which is located on top of a steep rocky bluff about 40 ft high, and has somewhat the appearance of an Island from the entrance.

Beyond signal Veal Chinitna Bay is very shoal. A lagoon looks northward and apparently several glaciers drain into this lagoon.

The upper end of the bay is shoal and of no importance and tide flats extend more than a mile off shore. A low divide apparently leads southward about signal Wall and doubtless a pass leads into Iniskin Bay.

An excellent camping site was found near signal Camp, but it is likely to be flooded by the big tides. The point at signal Camp is low and of black shingle gravel. Water can be obtained here with some difficulty.

The high ridge at the southern side of the entrance extends to the waters edge, and good ^{drinking} water may be obtained about 1/4 mile westward of signal Nob, from a small stream which starts near the summit of the hill and is in sight all the way to sea level. A smooth sea is required for watering.

The small island in the center is about 75ft or 100 ft high and is prominent for about 10 miles.

The plane table survey was made by Mr Paul.M. Trueblood, Assistant.

Various mountain peaks were located by triangulation from stations on the eastern side of the Inlet and the shore line was run in by traverse using the peaks as checks on distance and checking azimuth on Mt Chinitna which has a prominent and sharp summit. All signals in Chinitna Bay were located by traverse.

It was unpracticable to complete to Point Chinitna and tie on to signal Chinitna as work was stopped at the last of September

E. G. Quillen

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T-3237

Christina Bay Sheet

Chick Island to Christina Bay 1/40000

Signal

Lat

sec.

(in meters)

Long

sec.

(in meters)

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MAY 10 1912

Acc. No.

Anna

59° 49'

533.2

153° 00'

236

Bank

59 58

1236

152 40

172

Berf

59 52

720

152 56

754

Bir

59 48

859

152 59

736

Bluff

59 56

1597

152 41

558

Bluff

59 52

1624

152 59

248

Camp

59 49

1497

153 05

478

Cove

59 53

1478

152 47

146

Dead

59 49

1585

153 02

839

Fog

59 58

110

152 40

813

Fox

59 47

551

152 59

924

Wax

59 52

873

152 50

90

Wess

59 52

644

152 52

265

Moon

59 50

729

152 59

579

Wore

59 59

686

152 38

638

Wund

59 50

1305

153 13

566

Wob

59 49

1060

152 00

447

York

59 52

761

152 56

334

Yaff

59 49

553

153 12

51

Yain

Room

59 52

320

153 04

615

Yid

Rose

59 52

795

152 56

399

Slant

59 46

1441

153 00

134

Sot

59 52

1430

152 54

240

Stations described in vol. "Description of Stations".

Chinitina Bay

*40000 T-3237

Stung

59 49 29 153 11 129

Tan

59 52 1004 152 48 716

Tan

59 52 708 152 57 51

Times

60 00 1450 152-36 503

Teal

59 51 869 153 08 289

Walk

59 48 895 153 09 429

Twin

X

Scated

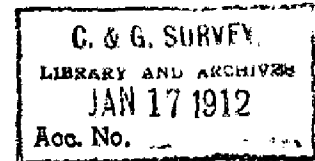
59-49-1063.2 153-00-456

Y

792.0

481.3

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Department of Commerce and Labor
Coast and Geodetic Survey
O. H. Tittmann, Supt.

Western Shore of Cook Inlet, Alaska.

TUXEDNI HARBOR to MOUNT CHINITNA.

A plane table survey by Paul M. Trueblood, Asst, C.&.G.S.
1911.

C. &. G. S. Str. "McARTHUR",

C. G. Quillian,
Asst, C. &. G. Survey,
Chief of Party.

*Shore line (no name given)
57.8 station*

*(13 name given)
15 station*