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C. & G. SURVEY,  
LIBRARY AND ARCHIVES  
JAN 2-1912  
Acc. No.

Department of Commerce and Labor  
COAST AND GEODETIC SURVEY

Superintendent.

State: *Alaska*

DESCRIPTIVE REPORT.

*Top. &* Sheet No. *3231*

LOCALITY:

*Prince William Sound*

*Southern Part of Naked Id.*

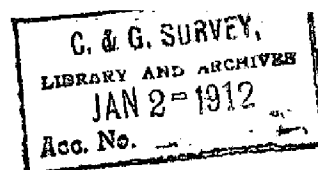
1911

CHIEF OF PARTY:

*G. T. Rude*

3231

# 3231



## DISCRIPTION REPORT TO ACCOMPANY TOPOGRAPHIC SHEET "A"

NAKED ISLAND, PRINCE WILLIAM SOUND, ALASKA,

SEASON 1911

G. T. RUDE, CHIEF OF PARTY,

O. W. SWAINSON, TOPOGRAPHER.

This sheet covers the southern side of Naked Island, Prince William Sound, Alaska. From seaward to the south the island gives the appearance of a ridge 400 feet high extending from the west side about  $\frac{1}{3}$  the length of the island and terminating in a peak 705 feet high. The eastern side rises to a peak 1235 feet high. The whole island is wooded.

The coast is rocky and generally steep, on an average 15 feet high. Numerous rocks lie along and near the shore, but most of them show at H.W. The tree line extends to the H. W. line.

### PARROT ISLAND.

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Parrot Island is a small island  $\frac{1}{3}$  mile long (N. E. & S. W. ) and  $\frac{1}{4}$  mile wide and lying  $\frac{3}{4}$  mile off the eastern point that forms the entrance to Bass Harbor. The shore is rocky and many rocks lie for a distance of 50 meters off it. On the N. E. end of the island there is a reef extending for 80 meters from the shore. The island is heavily wooded. Owing to the thick underbrush and fallen logs, and grass traveling acrossed the island difficult,

*Carroll Bay*  
BARREN BAY

Barren bay is the first bay from the south on the western side of Naked Island. The small bight on the south side of the bay is a good anchorage for boats up to 50 tons. The bottom is sticky in 8 fathoms of water. There is a small stream of fresh water that flows all summer.

BASS HARBOR

Is on the south side of Naked Island. Although the bay is clear of rocks it is of no value as an anchorage for the bottom is either hard or sandy and the water deep. The small bay in the eastern shore of the large bay is a better anchorage for small boats.

POINT BLUFF

Is on the southern shore of the island. The point is 30 feet high. Small boats rounding the point must not cut in too closely as there are several covered rocks 75 meters off the shore.

GULL ROCK

Is a round topped rock lying 300 meters off the south east corner of the island. It is 15 meters wide and 10 meters long. At extreme high tide it covers but at all other times it is easily seen. Kelp extends between the rock and the island, and for 15 meters to the south, but there is none on the outer side. The space between the rock and the shore is foul, especially towards the point.

#### SURVEY METHODS.

The survey was made entirely with the Plane Table. The work began at a triangulation station at Point Tuft and went both ways. The western limit was terminated and checked by another triangulation station. In running east from the starting point there were four triangulation stations on which to check the orientation of the table. When Bass Harbor was reached the shore line was again started at a triangulation station on the south east corner of Naked Island and brought around to the harbor. The entire sheet was therefore constantly under the control of the triangulation stations.

Approved:

*Gilbert J. Rude.*

Chief of Party,  
C. & G. Survey.

*O. W. Swainson*

Aid, C. & G. Survey.

# 3231

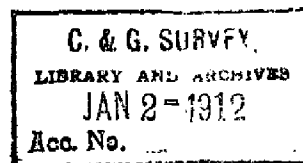
## TOPOGRAPHIC SHEET "A".

South end of Naked Island, Prince William Sound,

Alaska.

Steamer Taku,

Season 1911.



### LIST OF TOPOGRAPHIC STATIONS WHICH MAY BE RECOVERED.

Name	Latitude			Longitude		
	O	'	M	O	'	M
Dub	60	38	906	147	29	740
Cub	60	38	144	147	27	228
Swell	60	38	00	147	20	494
Slide	60	38	596	147	20	168
Bare	60	38	1220	147	19	740
Hal	60	37	694	147	22	440
Gull	60	37	1220	147	20	576
Bluff	60	37	860	147	23	632
Top	60	37	1176	147	23	432
Do	60	37	916	147	23	676
Man	60	37	1300	147	22	868
Leg	60	37	1780	147	23	256
Cur	60	37	1736	147	23	568
Prop	60	38	932	147	23	848
Ruff	60	38	1416	147	24	368
Turn	60	37	1150	147	25	556
Head	60	37	660	147	26	300
Square	60	36	1788	147	27	626
Low	60	36	1674	147	28	690

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TOPOGRAPHIC SHEET ~~32~~ 3231

C. & G. SURVEY
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JAN 2 - 1912
Acc No.

South end of Naked Island, Prince William Sound, Alaska.

Steamer Taku, Season 1911.

Gilbert T. Rude, Chief of Party.

O. W. Swainson, Aid, topographer.

Sheet inked by Gilbert T. Rude, Assistant.

Projection by Gilbert T. Rude, June 14th, 1911.

Scale, 1 : 20,000

Contour interval, 100 feet.