

L. S. ...

U. S. C. & G. SURVEY,
 Department of Commerce and Labor
 LIBRARY AND RECORDS SECTION
 JUN 9 1906
 ACCIDENTAL GEODETIC SURVEY
 Acc. No. Washington, June 19, 1906

Respectfully $\left\{ \begin{array}{l} \text{returned} \\ \text{referred} \\ \text{forwarded} \end{array} \right\}$ to *Asst. Dir*
 Charge

Sir: *The tracing* I think should be sent by the Archives to the Draw. Sec. for number, as it shows corrections to one of our original sheets.

The letter as stated by Mr. Bradford should be held by Archives until the survey of Seal Bay arrives and then filed as a Descriptive Report of that sheet.

G. L. G.

DRAWING AND ENGRAVING

JUN 19 1906

DIVISION:

June 20, 06

DMA

*This should be treated as the duplicate of the
orig sheet of the ...*
J.P. 6.18.06

POST-OFFICE ADDRESS: 520 Bailey Building, Seattle, Wash.

TELEGRAPH ADDRESS:

EXPRESS OFFICE:

ASSISTANT IN CHARGE

[Signature]
RECEIVED

BY ASSISTANT IN CHARGE
[Signature]
JUN 18 1906

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Department of Commerce and Labor

COAST AND GEODETIC SURVEY Steamer *Gedney*.

COAST AND
GEODETIC SURVEY

Ketchikan, Alaska. June 9th, 1906.

U. S. C. & G. SURVEY,
LIBRARY AND ARCHIVES
JUN 18 10 34 AM 1906
JUN 19 1906

Acc. No.
To the Superintendent

U.S. Coast & Geodetic Survey.

Washington D.C.

1622^a

Sir:-

I have the honor to report the completion of the survey of Seal Bay, which is a small indentation on the West side of Nichols Passage, about three miles to the Northward of Dall Head, It is about 3/4 of a mile in length North and South & 3/8 of a mile in its greatest width.

There is a reef of rocks which bares at low water extending almost accross its face and separating it from the channel. It has two entrances, the Northern one passing through the reef is about 100 yards in width at low water, and is very shoal and foul not more than 2 or 3 feet of water in it at low tide. The Southern entrance, which is generally used, is close along the South shore and is very narrow not being over 30 or 40 feet between the kelp which is very thick and impossible to penetrate with a boat. There is a rocky ledge which bares at low water about 40 yards off the South point of the entrance and the channel passes between it and the shore, there seems to be about 9 or 10 feet in this channel at low water, but it is so narrow and so close to the South shore and the tidal current runs so strong except at slack water, that I do not consider it safe for any but small vessels to enter, for the slightest sheer would be apt to put you on the beach.

I might have entered with the "*Gedney*" at high water slack but did

not consider it worth the risk. We found a good, well sheltered anchorage, and easy of access at any time, in Dall Bay about 2 miles to the Southward of Seal Bay, where we set up our tide gauge and remained with the vessel during the progress of the work.

The only improvements we saw in Seal Bay, was a partly completed wharf, and a lane cut through the timber from the wharf up the mountain side, evidently for the purpose of building a tram-way to the mine, we saw no one connected with the mine, but heard some blasting up the mountain side. Inclosed find a tracing of an enlargement of the photograph of Hydrographic Sheet No. 1622 on which I have marked in red ink the location of several rocks not shown on the sheet.

Will forward results of the work as soon as possible. Came over here to get our mail, laundry, signal lumber, fresh water, and supplies, and expect to proceed to Kasaan Bay to-morrow.

Very respectfully

E. F. Dickins

Assistant C. & G. Survey

Commanding.