

1652^a

Diog. Ch. No. 8102-1

83
SHA
1652A
B/S

Treasury Department,
U. S. COAST AND GEODETIC SURVEY.

O. H. Tittmann
Superintendent.

State: *Alaska*

U. S. C. & G. SURVEY,
LIBRARY AND ARCHIVES,
AUG 28 1905
Acc. No. *1652A bis*

DESCRIPTIVE REPORT.

Hydrographic Sheet No. 1652^a bis see bound
VRo STA for 1652
No Rpt.

LOCALITY:

*Twelve Mile Arm &
Hollis Anchorage*

1905

CHIEF OF PARTY:

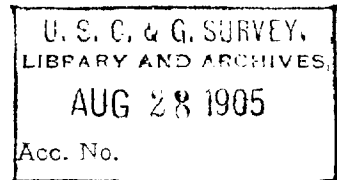
"C. F. Dickins, Asst."

1652^a
1652^a

POST-OFFICE ADDRESS:

TELEGRAPH ADDRESS:

EXPRESS OFFICE:



Department of Commerce and Labor
COAST AND GEODETIC SURVEY
Steamer "Godney"

TWELVE MILE ARM & HOLLIS ANCHORAGE
S.E. ALASKA.

In entering leave Sandy Point abeam on starboard hand about $5/8$ of a mile off and steer S x W $3/4$ W (mag), passing Jarvis Islands about $1/8$ of a mile off on port hand, until the store and wharf at Hollis bear about W.S.W. $3/8$ W (mag) and then stand in for the wharf passing between the ledge, which bares at half tide, and Althouse Pt. favoring the South side, the least water we found in this channel was 16 feet. The channel to the North of the ledge is deeper the least water we obtained in the North channel was 5 fathoms.

There is good anchorage off the wharf in from 6 to 7 fathoms soft bottom.

The wharf is really a float but is well secured and good sized steamers make fast to it when discharging freight, there is from 18 to 20 feet of water along side of it.

In Twelve Mile Arm about half a mile South of the entrance to Hollis Anchorage there is a rock with 3 feet of water over it, it is about 200 yards off the South shore.

Hollis is a mining camp consisting of two stores and about 40 or 50 dwellings, they have a weekly mail steamer from Ketchikan. The mines which are mostly copper are located from 2 to 10 miles back of the village.

The topography seems to have been very roughly sketched and is not correct.

There seems to be a difference of about one point in the courses taken from the photograph of the original sheet forwarded from the Office and returned herewith, and those obtained from the "Gedney's" standard compass and deviation card, which I cannot account for, it may be due to local attraction but I am inclined to think that the compass blossom on the chart is wrong.

E. F. Dickins
Assistant C. & G. Survey.

Department of Commerce and Labor

COAST AND GEODETIC SURVEY

Washington

Rectification of Additional to Hyd. 1652
The survey of the Anchorage appears to be complete; but the Channel approaches were not sufficiently developed, nor was important shore indication in Entrance examined -

The general character of the work is good -

The Chief of Party directs attention to difference between compass rose on sheet and his observed courses, and concludes that the compass rose is in error -

The difference, however, is variable ($+ \frac{7}{8} P$ & $- \frac{3}{8} P$) and indicates that the correction for deviation applied to his standard compass bearings was in error, or that his observations were affected by

some powerful local magnetic
disturbance - Very likely the latter.

The compass rose gives correctly
the normal variation for that loc-
ality, doubtless.

D. Watkins

12-22-05