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1906-7

Diag. Chart No 8554-1

C. & G. SURVEY,
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MAR 24 1908
Acc. No.

Department of Commerce and Labor
COAST AND GEODETIC SURVEY

W. J. Fishman
Superintendent.

State: *Alaska*

DESCRIPTIVE REPORT.

H - 2930 Sheet No.

LOCALITY:

Selkonia Harbor

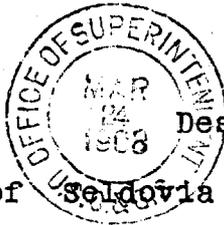
1906-7

CHIEF OF PARTY:

W. W. Rhoads

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Descriptive Report to accompany reconnaissance sheet
of Seldovia Harbor, Alaska.

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A telemeter base was measured on the beach at the westerly entrance to the harbor on Aug, 22nd., 1906, and in addition to locating the hydrographic signals by plane table triangulation, a small portion of the shore line was accurately run in. The remainder of the shore line was sketched in between determined points and a number of additional points, on the shore line in the Southern part of the harbor, were determined by Mr. H. C. Graves by means of sextant angles in 1907.

Tide observations were made on a plain staff on August 22nd. and 23rd., 1906, and the records are now on file in the Office, having been sent in in connection with the Port Chatham tidal data of 1906.

For the supplemental work done by Mr. Graves on July 25th., 1907, tides were observed over the ship's side (the ship was tailing with the tide without motion) and the plane of reference at the ship for that date has been supplied to Mr. Graves by the Tidal Division. As the soundings on this latter date were begun at the time of a minus tide, and the site of the old tide staff was dry, it was impracticable to establish and connect up a staff for immediate use. The crossing of the sounding lines on the two dates would indicate a discrepancy of less than one foot between the tidal reductions for the two dates.

The Magnetic Meridian was established by a short set of Compass Declinometer observations on the line "Post"-"Hole", and

#2.

should be correct within the limits of the plotting.

The lines of sailing directions as shown were laid down by Mr.H.C.Graves, N.E., from a preliminary plotting of the soundings.

Respectfully submitted,

H.W. Rhodes.

Assistant C. & G. Survey.

MAR 27 1909

Acc No.

Hyd. Sheet 2930

Reconnaissance of Saldovia Harbor

Though incomplete, the area covered is fairly well developed and the work is generally satisfactory -

The 10 ft sounding between $1^{\circ} 5'$ + $1^{\circ} 5'$ (1906) appeared to be in error in depth or out of position on account of strong ebb current, noted in sounding record - boat's lead was 2 to 6 points off course made good -

On the evidence of lines $1^{\circ} 6'$ to $1^{\circ} 6'$ (1907) run for the purpose of developing the shoal indicated by the 10 ft sounding, the position of the sounding was corrected as shown on the sheet -


4-11-08