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COAST AND GEODETIC SURVEY

Superintendent.

State: *Maine*

DESCRIPTIVE REPORT.

Sheet No.

LOCALITY:

*Public Channel - Location
of Fish Weirs, Cranberry
Pt to Duck Point*

1909

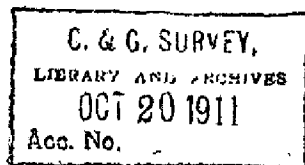
CHIEF OF PARTY:

J. E. H. Grath

2963

Top. 2965

Descriptive Report



Topographic Sheet with archive number 2965; this contains locations of old fish weirs and positions of old poles remaining from weirs that have been ruined and abandoned, between Cranberry and Indian Points on Cassadoun side of Lubec Channel and supplements information on Topographic Sheet No. 980 - Information on Sheet No. 2965 from survey made in October, 1909, by Assistant P.M.E. McLaughlin.

None of these weirs was in working order at the time the survey was made and the only one that appeared to have received any attention within a year was the one near the upper end of Cranberry Point, which belongs to Messrs Harvey & Kelly. Near station "H" (a topographic station on one of the Duck Islands) is a small weir, the property of Milholland Brothers, which, although neglected in appearance, still is in good enough condition to be repaired with a small outlay, as the general framework is in existence and the poles do not look as if they had been very long in use. The weir nearest Indian Point is now but a wreck all remaining of it being part of the outer line of the pond and part of one wing. The weir nearest Lubec Channel Light House also seems to be abandoned as the pond section is but half enclosed, there are gaps in what remains of the old

line of stakes that extended shoreward from the present end, and the stakes seem to have long and hard usage -

These three are the only weirs that retain enough of their old framework to indicate where their outlines were but after the tide partially goes out a great number of black, disconnected stubs and shortened stake appear, scattered irregularly over the flats and suggesting an old vineyard or hop yard by their number. West of the last of the three weirs just described and between it and the flattened position of the Lubec Narrows Beacon (which beacon is not now in existence) is a group of irregularly spaced poles, on which flags were fastened for identification, and which show the western limit of weir poles in this section; a single pole was noted west of this group and east of (but on the same parallel with) Lubec Channel Lt. House. Some isolated and apparently very old stakes were noted between approximate latitude $44^{\circ}49\frac{1}{4}'$ and approximate longitudes $66^{\circ}57'35''$ and $66^{\circ}57'50''$; also about the intersection of the parallel of $44^{\circ}50'$ with the meridian $66^{\circ}57\frac{1}{2}'$.

None of the stakes east and south of Lubec Ch. Lt. Ho., could be noted until the tide was about $1\frac{1}{2}$ hours away from high water level.

In making the survey after setting up flags at Trestles A, B, C, D, E, F, & Indian Point A I went first to Trestle A

and cut in all the flags visible from that point afterwards during the same from Indian Point A - Of the stations furnished in the field projection Lubec Church Spire and Lubec Channel L. House were available for orientation and resection and to these was added Lubec Water Tank. The topographical stations A, B, C, D, & E are disposed around the water line of Cranberry Point (H, being in the light just above it); station F is on one of the Duck Islands.

The outline of Harvey & Kelly's Weir (near Station A) was determined by level readings from "H" in connection with tangents to leading points from Treat 2 A and station "B" - Level readings were also used in determining the outlines of Millholland Brothers' weir and of the ruined weir near Indian Point A.

Different colored flags, fastened to long poles nailed to turning points on the perimeter of the old weir near the platted position of Lubec Narrows Beacon were cut in from shore stations and the same plan was followed for the irregularly disposed poles between this weir and Lubec Channel Light House.

In several instances lines of dots appear between points marked with circles these represent the numbers of stakes which were wanted as still remaining between the limits indicated by the circles.

Respectfully,
 Wm. C. McLaughlin
 Assistant, C. & G. S.