

2171-2172-2173

2171-2172-2173

Diag. Cht. No 801

Form 504 U. S. COAST AND GEODETIC SURVEY DEPARTMENT OF COMMERCE  <b>DESCRIPTIVE REPORT</b>	
Type of Survey	<i>Hydrographic</i>
Field No.	Office No. <i>2171-72-73</i>
LOCALITY	
State	<i>Me. &amp; N. B. 2171, 2172, 2173</i>
General locality	<i>Schoodic</i>
Locality	<i>Sakes</i>
	<u><i>1893</i></u> <u><i>194</i></u>
CHIEF OF PARTY	
<i>Stephan Forney</i>	
LIBRARY & ARCHIVES	
DATE	<i>5</i>

2172

U.S. GEOLOGICAL SURVEY  
LIBRARY AND ARCHIVES

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SHA  
2172  
1893

Department of Commerce and Labor

COAST AND GEODETIC SURVEY

J C Mendenhall

Superintendent.

State: Me. & N.B.

DESCRIPTIVE REPORT.

Hyd. Sheet No 2172

LOCALITY:

Schoodic Lakes

See SHA 2171

1893  
190

CHIEF OF PARTY:

William Forney

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Department of Commerce and Labor

COAST AND GEODETIC SURVEY

J. C. Mendenhall

Superintendent.

State: Me. & N.B.

DESCRIPTIVE REPORT.

Hyd<sup>c</sup> Sheet No 2173

LOCALITY:

Schoodic Lakes

See SHA 2171

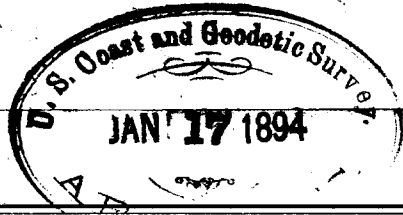
1893  
190

CHIEF OF PARTY:

Stephen F. J. Torrey

2173

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2171  
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2173  
1893



U. S. COAST AND GEODETIC SURVEY.

*T. C. Mendenhall*, Superintendent.

State: *Me. & N.B.*

DESCRIPTIVE REPORT.

*Hydrographic* Sheets Nos. *2171,*  
*2172 + 2173.*

LOCALITY:

*Schoodic Lakes.*

*1893.*

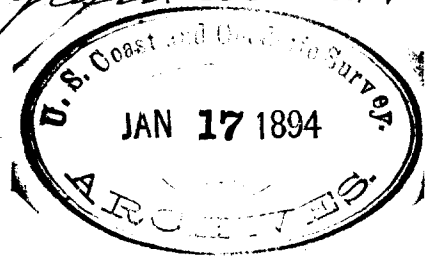
CHIEF OF PARTY:

*Stehman Forney.*

2171-2172-2173

U. S. Coast and Geodetic Survey,  
J. C. Mendall, Superintendent,  
Section I

Descriptive Report  
of



Hydrographic Sheets Nos. 1-2+3  
Schoodic Lakes Region

North East Boundary

Maine & New Brunswick.

Surveyed from July 10<sup>th</sup> 1893, to Oct<sup>th</sup> 11<sup>th</sup> 1893

Stehman Fowey  
Asst. C. S. Survey,  
Chief of Party.

1  
Descriptive Report of Hydrographic  
Sheets Nos 1-2 & 3, Embracing the  
Hydrographic Survey of the Southern  
End of Grand Lake, Wind Lake and  
Cypriaticook Lake from Forest  
City Maine to Carleton Place Maine.

These lakes belong to a group,  
known as the Throddic Lakes,  
and are located along the N. E. —  
Boundary between Maine and  
New Brunswick.

The object of this Survey, was  
to develop the thread or deep water  
line of these lakes in order to locate  
the Boundary line between the  
United States and Canada.

The Soundings in the Main  
or deepest Channels were made in  
sufficient number to develop the  
thread of the deepest water ways, while  
the Soundings in the Coves Coves  
& Bays making into the Main Chan-  
nel from the American and Canadian

Shores were made in sufficient numbers to cover the ground and give a uniform finish to the sheets. These lakes form the head waters of the St. Croix River, and being located above tide water the rise and fall of the water in these lakes is not influenced by the tides. The rise of water in these lakes is caused by the melting snow in the country tributary to them, and the fall of the water is caused by the flow of water into the St. Croix River and the summer droughts. The soundings are expressed in fathoms & feet and are referred to the high water mark on the lakes at the time of beginning the survey. Before any soundings were made bench marks were cut on rocks at the high water mark of the lakes, and were located so as to have two bench marks on each field sheet. During the time soundings were made the relation

of the surface of the lakes to these bench marks was measured with a steel tape and noted in the sounding book either at the beginning or the close of each days work.

During the summer of 1893 when this survey was made, the water was very low in all of these lakes. The water was so low that it was impossible to float the saw logs over the dam at Tancabon into the St. Croix River. This low stage of water was caused by the light-fall of snow during the winter of 1892-93 and the drought of the Spring & Summer of 1893.

There is one small light-draft steamer and two steam cutters, that navigate Chiputnutank Lake between Tancabon & Forest City. Sounding these are engaged in towing log rafts and conveying men & supplies to the logging camps. There is also a stern wheel steamer on Grand Lake engaged in the same business.



There is a U.S. Custom House at  
 Lancelin Maine, and a Canadian  
 Custom House at St. Croix New Brunswick,  
 Wick,

The general Character of the bottom  
 of these lakes is rocky & sandy, and  
 there is very little current in the main  
 body of the lakes, In the quick water  
 connecting Grand Lake with Mud  
 Lake & Mud Lake with Chipewiticak  
 Lake, the currents are very strong and  
 swift. There are dams, located at Hancock  
 town at the Western End of Mud Lake &  
 at Fort City neither one of these dams  
 are provided with fish ways, Hence  
 netting for fish, is carried on by Americans  
 and Canadians on the Canada side  
 of the lakes, This fact together with the  
 dams referred to, is causing the rapid  
 destruction of the fish in the St. Lawrence  
 Lakes,

Stephen J. Jerney  
 Ass<sup>t</sup> C. H. Jerney