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1892

Diag. Cht. Nos.  
901 &  
8556-1

U. S. Coast and Geodetic Survey  
MAR 10 1893

U. S. COAST AND GEODETIC SURVEY.

*J. C. Mendenhall*, Superintendent.

State: *Maine*  
and  
*New Brunswick*

DESCRIPTIVE REPORT.

*Hydrographic* Sheet No. *2136.*  
*2137.*  
*2138.*

LOCALITY.

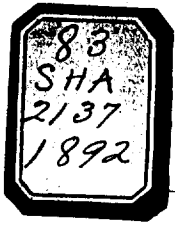
*Grand Lake.*  
*N. E. Boundary*  
*throughfore Bridge*  
*Forest City*

1892.

CHIEF OF PARTY:

*Wm. H. Schuchman*

2136-2137-2138



2137

Diag. Cht. No 801 & 8556-1

Department of Commerce and Labor  
COAST AND GEODETIC SURVEY

JC Mendenhall  
Superintendent.

State: Maine

DESCRIPTIVE REPORT.

Hyd Sheet No. 2137

LOCALITY:

Grand Lake N.C. Bound-  
ary Thoroughfare Bridge  
to Forest City,  
See SHA 2136

1892  
190

CHIEF OF PARTY:

J. Hergesheimer

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Diag. Cht. No. 801

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Department of Commerce and Labor

COAST AND GEODETIC SURVEY

*J. C. Mendenhall*

Superintendent.

State: *Maine*

DESCRIPTIVE REPORT.

*Hyd. C* Sheet No. *2138*

LOCALITY:

*Grand Lake N. E. Boundary*

*Thoroughfare Bridge to*

*Forest City*

*See SHA 2136*

*1892*  
*100*

CHIEF OF PARTY:

*J. Hergesheimer*

1892

Post Office Building Philadelphia  
March 7th. 1893

Dr. T.C.Mendenhall  
Supdt. U.S.C. & G. Survey  
Washington D.C.

Dear Sir:

I have the honor to forward you Descriptive Report, to accompany Hydrographic Sheets Nos. 2136-2137-2138 of Grand Lake N.E. Boundary-work executed July 9th. to October 15th. 1892.

The locality included in the above named sheets, is the waters of Grand Lake, from the Thoroughfare Bridge to Forest City Narrows, and to the West Point of Entrance into the South Arm.

Harbors----Dark Cove, Little River, Meetinghouse Cove, are safe in any weather. For the rest of the lake, get under the weather shore for an anchorage in bad weather, as the water is deep, the shores rocky, and seas high on the lee shore.

Length of lake surveyed 13 stat. miles. Width 4 miles, between Haley's Point and Butterfield's Landing.

Shores are all rocky. Traveling Boulders all sizes along the edges of the lake.

One steam-boat on Grand Lake, the E. Shaw, a small stern-wheel boat, used in transporting bark, from the various landings on Monument, North Lake, and Grand Lake, to the tannery at Forest City.

No sailing craft, a few skiffs used for pleasure and fishing.

The fish caught in summer, are pickerel, perch, cats and eels; and in winter, very large lake trout are caught through the ice. White fish are caught in the fall.

The lead is of little value in navigating, as deep water is frequently found close to dangerous submerged ledges.

No lights or marks to aid navigation.

Deepest water found, 18 3-4 fathoms.

Depth of water in general channels of main lake, 7 to 18 fathoms.

The most prominent dangers to navigation within the limits of the work, are a rock in mid lake between Forest City and Haley's Point, bare at very low stage of water, a sunken ledge off Works Point signal, and a number of ledges with little water over them on the reef running through the centre of Big English Cove.

There are several dangerous rocks about the islands Billy and Nan.

No pilot regulations.

No harbor regulations.

Bottom - soft mud, hard gravel and rock.

Ice makes in November, and goes out about May 15th. and attains a thickness of six feet.

Fog not frequent.

Freshets uncommon.

Winds in summer variable, in fall time northerly.

Brilliant aurora first visible in August.

Wharf at tannery, Forest City, no other.

No ship yards. A smith shop at Forest City.

Railroads. Maine Central.

Forest Station 9 miles from Forest City.

Danforth 4 miles from Butterfield Landing.

No telegraph nearer than Forest Station and Danforth.

Post Offices at Danforth, Forest City, Weston, and Orient.

Nearest custom houses Houlton and Vanceboro'.

Towns - Forest City, Danforth, Weston, and Orient.

There are farms along the main roads each side of the lake.

The lake shore is heavily wooded, except at Forest City, Butterfield Landing, Orient, Peters' Landing, Howes Cove, and a clearing opposite to Cedar Point.

The statistics of the work are as follows,

Area sounded in square geographical miles .....	29.
Number of miles (Geographical) run while sounding....	394 1-2.
Number of angles measured.....	2693.
Number of soundings.....	28695.
Number of reference bench-marks.....	3.
Hydrographic sheets finished, number of.....	2 1-2.
Hydrographic sheets, scales of .....	1-10.000.

Hydrography completed on North, Middle, and North end of South sheet, Grand Lake N.E. Boundary, between Maine and New Brunswick.

Respectfully submitted

  
Assistant.