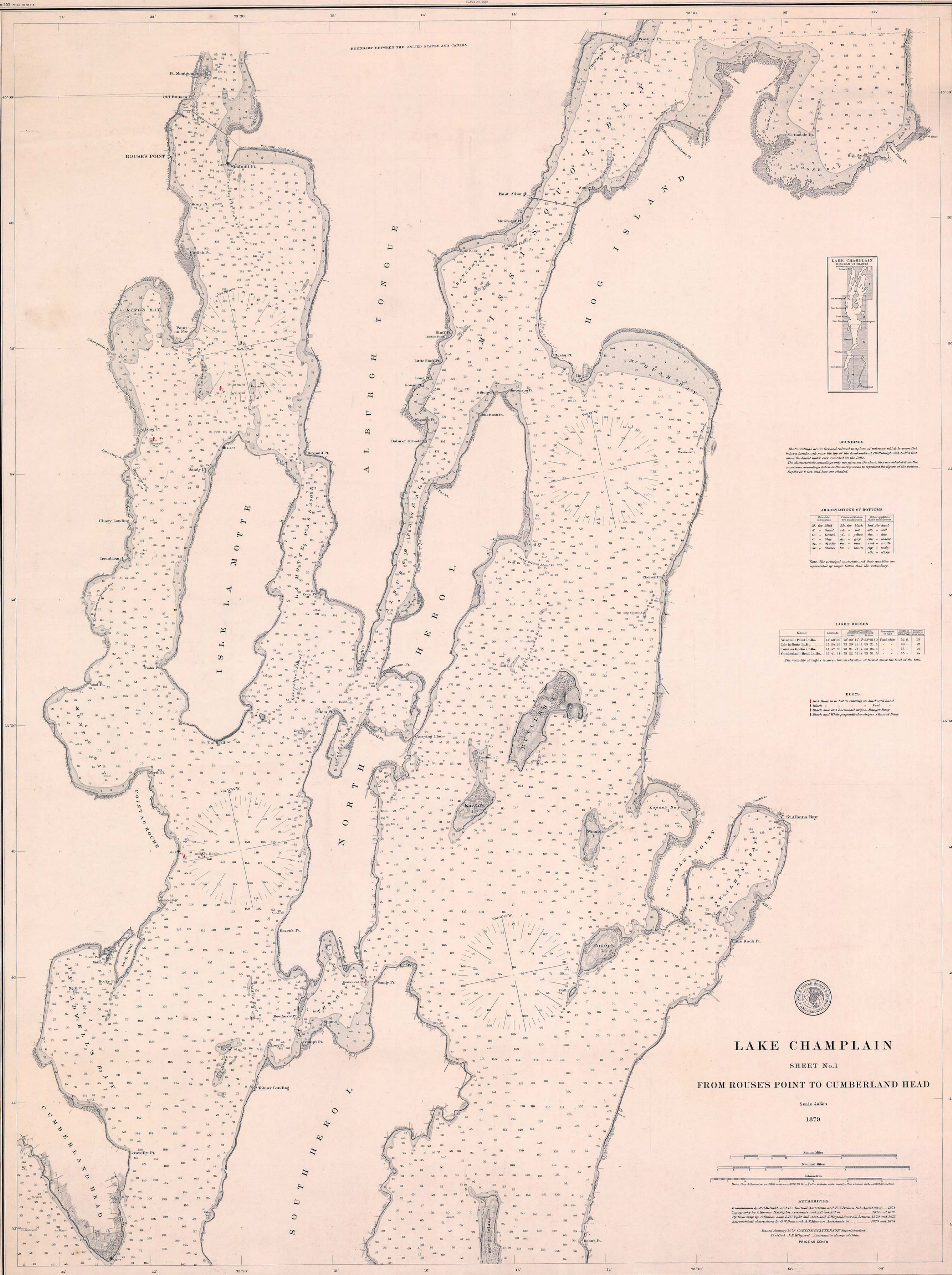


BOUNDARY BETWEEN THE UNITED STATES AND CANADA



SOUNDINGS
The soundings are in feet and referred to a plane of reference which is seven feet below a benchmark near the top of the promontory at Plattsburgh and half a foot above the lowest water ever recorded on the lake.

ABBREVIATIONS OF BOTTOMS

Abbreviation	Meaning
M. for Mud	Mud
S. for Sand	Sand
G. for Gravel	Gravel
C. for Clay	Clay
Sp. for Spindle	Spindle
St. for Stones	Stones
Sh. for Shells	Shells
W. for Wood	Wood
Gr. for Grass	Grass
Al. for Algae	Algae
Pl. for Plants	Plants
W. for Water	Water
U. for Unknown	Unknown

LIGHT HOUSES

Name	Latitude	Longitude	Light	Height	Order
Winchell Point L.L.	44° 54' 56"	73° 09' 10"	Fl. W. 21'	22 ft.	13
Isle la Motte L.L.	44° 54' 05"	73° 09' 51"	Fl. W. 21'	39 -	12
Point au Roche L.L.	44° 52' 59"	73° 11' 26"	Fl. W. 21'	54 -	14
Cumberland Head L.L.	44° 51' 31"	73° 02' 52"	Fl. W. 21'	55 -	15

BUOYS
Red Buoy to be left in entering on Starboard hand
Black Buoy to be left in entering on Port hand
Black and Red horizontal stripes, Danger Buoy
Black and White perpendicular stripes, Channel Buoy

LAKE CHAMPLAIN

SHEET No. 1
FROM ROUSES POINT TO CUMBERLAND HEAD

Scale 64000
1879



AUTHORITIES
Triangulation by S. M. Curtis and G. A. B. Smith, Assistant and F. W. Perkins, Sub-Assistant in 1871
Topography by C. M. Brown, H. D. Ogden, Assistant and A. D. Wood, Assistant in 1871 and 1872
Hydrography by C. M. Brown, Assistant, J. D. Wright, Sub-Assistant, and J. B. Thompson, Assistant between 1870 and 1872
Admiralty observations by W. H. Davis and A. E. Morrison, Assistants in 1870 and 1874
Janual January 1879 CARLIE PATTERSON, Superintendent.
Verified J. E. Rogers, Assistant in charge of Office.
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