



NEW BRUNSWICK

THE HARBOUR OF ST. JOHN

SURVEYED BY LIEUT. HARDING AND ROBERTS, UNDER THE ORDERS OF CAPTAIN W.F.W. OWEN, R.N. 1844

Partridge Light $45^{\circ} 14' 3''$ N. $106^{\circ} 3' 5''$ W.

High Water F. & C. XI = 21" ... Mean Spring rise 27 ... Neap Rise 23 ... Neap Range 19"

--- 1 fathoms line ---
--- 2 fathoms line ---

The figures underlined on the sky banks show the depths at High Water, Spring Tides.

SOUNDINGS IN FEET

Magnetic Variation in 1867 increasing about 2' annually.

S. JOHN RIVER

Observatory of Fine Line
Time ball dropped at
11 P.M. Mean time at Sea

R.C. Church
Church

PORTLAND

NAVY

Chapel

Block House

Magazine

Shag Rocks

Sheldon Point

Negro Pt.

Ball Buoy

Partridge

Gunbery Pt.

Red Head

Marsh

Thickly wooded

Marsh

Sand and Mud

Marsh

Marsh

Marsh

Marsh

Marsh

Marsh

Marsh

Marsh

Marsh

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Marsh

Marsh

Marsh

Marsh

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Marsh

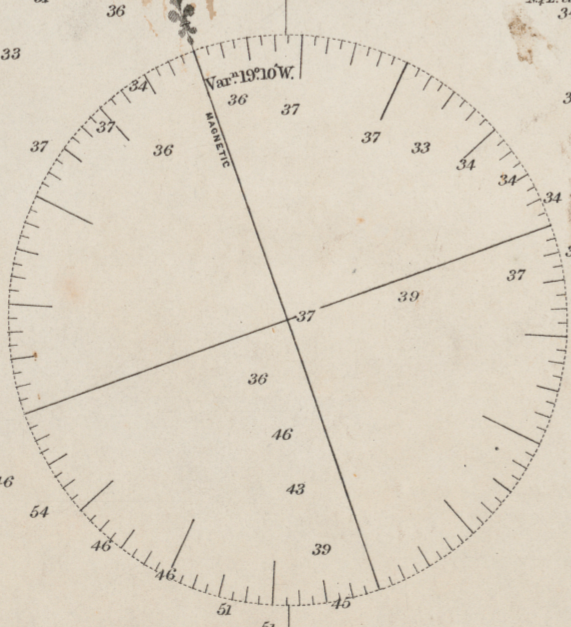
Marsh

Marsh

Marsh



Spit Beacon Lighthouse
Destructed Feb. 67.



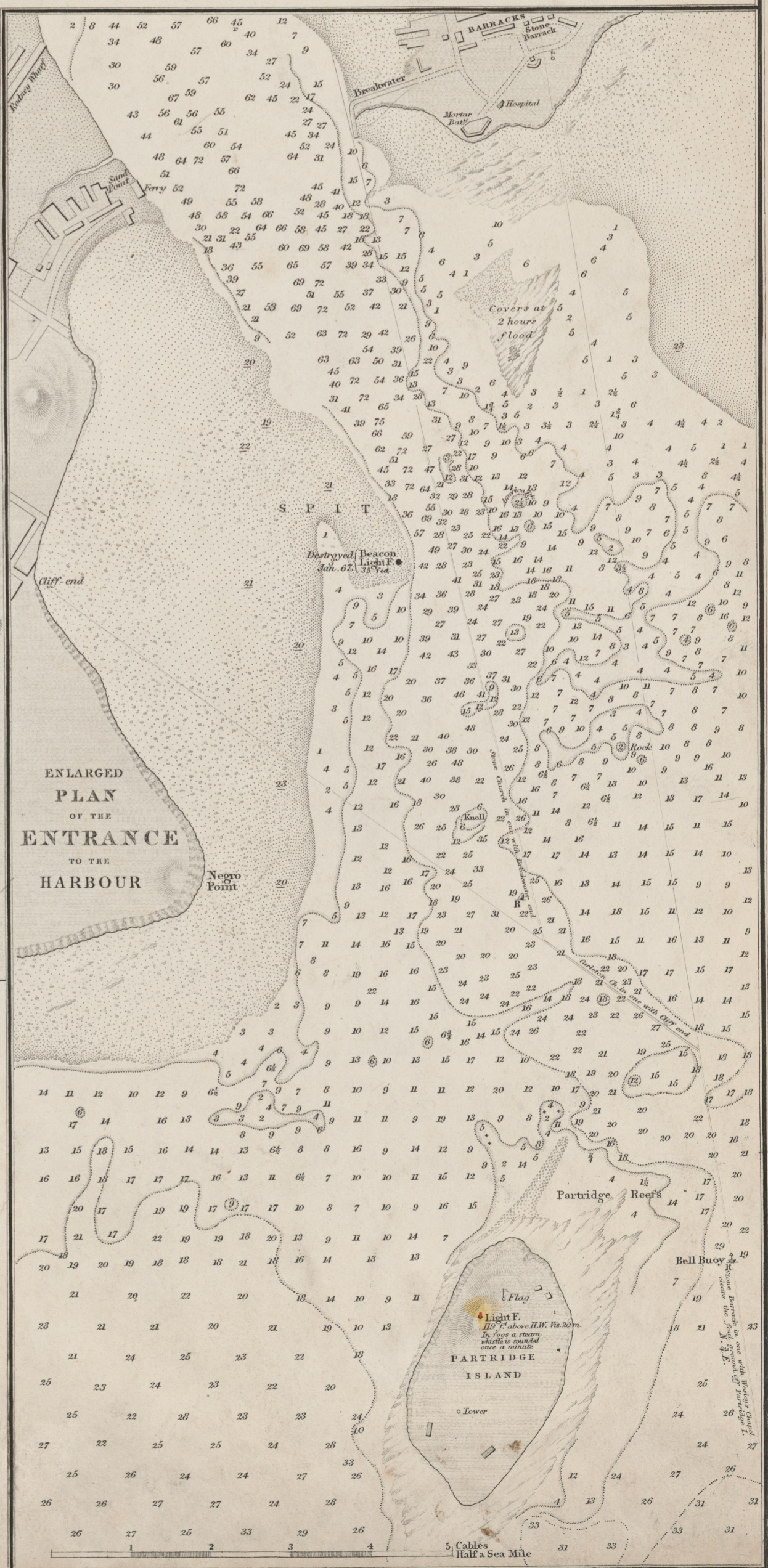
30 Cables
0
2 Sea Miles



Partridge Island

St. Johns

Stone Buoy



ENLARGED
PLAN
OF THE
ENTRANCE
TO THE
HARBOUR

30 Cables
0
2 Sea Miles

Light F.

PARTRIDGE ISLAND

Tower

5 Cables
Half Sea Mile