NORTH AMERICA
EAST COAST

ST. JOHNS NEWFOUNDLAND TO HALIFAX

WITH THE OUTER BANKS

NEWFOUNDLAND FROM THE SURVEYS OF COOK, LAYE,
BULLOCK, BAYFIELD AND ORLEBAR R.N.

Assisted by Lieutenants Collins, Bowen, G.A. Bellford, & Hancock, M.T. Forbes Master.
1857

The outer Banks principally from the French Charts of 1829 & 1858.

Current. Flood. Ebb.

Kn. Knots. Sp. Neap. Sp. Spring. Tides.

The Time of High Water at the Full and Change is expressed in Roman Figures. Rise of tide in Italics.

F. Fixed. Fl. Flashing. Rev. Revolving Lights.

B. Bay. C. Cape. Hd. Head. H. Harbour. H.B. Hudson Bay Company's. I. Island. P. Port. Pt. Point. R. River. Rk. Rock.

bk. blue. d. dark. ch. clays. crk. corals. g. gravel. m. mud. s. rock. s. sand. sh. shells. st. stones. spkld. speckled.

b. brown. bk. black. brk. broken. c. coarse. f. fine. gn. green. rd. red. w. white. peb. pebbles

SOUNDINGS IN FATHOMS

Variation Curves corrected for 1871.
The annual increase on the Coasts of Nova Scotia is about 8'. In the Gulf of Saint Lawrence about 5' on the shore & 3' in the Gulf of Saint Lawrence about 7.8 on the Eastern Coast of Newfoundland about 7.8 on the Eastern Western Coast of Newfoundland about 7.8 on the Eastern Coast it is stationary, or probably decreasing slightly.

Note. The Soundings on the Sable Island Bank and near its southern edge engraved in upright hair figures are by Rev. Lieut. W.T. Maxwell, R.N. 1875.

Note. The Soundings round the southern edge of the Newfoundland banks engraved in upright hair figures by Rev. Lieut. T.J. Johnson, R.N. 1868.

NEWFOUNDLAND TIDES.

	H.W.F.&C.	Springs Rise	Neaps Rise
St. Johns	7h 30m	7 ft	
Bull's P. Trinity Bay	7 22	5.1	2.7
Lamalin Harbour	9 0	8.1	
Placentia	9 15	8	
Fogo Harbour	7 0	6	

Virgin Rocks
Lunar Tydes' Roads 1845

VIRGIN ROCKS and BANK
By Robt. Bone, Master R.M.S. Tyne 1826.
The 41 Fathom curve { Lat. 46° 56' N
Long. 50. 51. 50 W
In bad weather the Sea breaks on these Rocks

Scale of Nautic Miles

Longitude West of Greenwich

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