



NORTH AMERICA
EAST COAST
MASSACHUSETTS

GLOUCESTER HARBOUR

FROM THE UNITED STATES COAST SURVEY
1854

Eastern P^t Light / 42° 34' 47" N.
(70. 39. 33 W.)

H.W.F. & C. XIth A^m. Springs rise 10 $\frac{1}{2}$. Neaps 8 $\frac{1}{2}$ feet.

g. gravel, hd. hard, m. mud, r. rock, s. sand, sh. shells, sf. soft.

Variation in 1862. increasing 4' annually.

SOUNDINGS IN FATHOMS

SAILING DIRECTIONS

Approaching Gloucester from Cape Ann, beware of the Londoner, a rock 200 y^d in extent, $\frac{1}{2}$ a mile S.E. by E. from Thatcher's Ist South Ist. There is a channel to the West $\frac{1}{4}$ of a mile wide, with 5 & 6 f^m, but strangers should pass to the East, not approaching the Lights nearer than one mile, till they bear N.W. With Thatcher's Ist L^t in one bearing N. by E. $\frac{1}{2}$ E. one mile distant, steer S.W. by W. $\frac{1}{2}$ W. five miles till East P^t Light bears nearly North, haul round the P^t to the Northst and Westst, keeping $\frac{1}{2}$ a mile from shore to clear East Point Ledge and Dog Bar.

To enter South East Harbour. Bring Ten Pound Light to bear N.N.E. $\frac{1}{2}$ E. and run for it, when within $\frac{1}{2}$ a mile, or halfway between it and Black Bass Point, steer E.N.E. $\frac{1}{2}$ E. towards Long Beach to Anchorage in 5 and 6 f^m; muddy bottom.

To enter Inner Harbour. Bring Ten Pound L^t to bear N.E. & steer N.E. $\frac{1}{2}$ N. passing on Port-hand of Round Rock Shoal and Ten Pound Ledge; when Ten Pound L^t bears E. S.E. distant 300 y^d, steer N.E. by E. $\frac{1}{2}$ E. into Inner Harbour.

