

On *Nick's Mate Island*, at the other end of the Narrows, upon the western side, is a *beacon*, or monument, and upon the northern part *Long Island*, nearly a mile to the westward of *Nick's Mate Island*, is a *light-house*, lighted with ten patent lamps, elevated on a tower of twenty feet, with a lantern seven feet in height.

SAILING DIRECTIONS. On coming inward, direct from the East, for Boston Harbour, the proper parallel, if it can be kept, is $42^{\circ} 20'$ N. The *Cod Bank*, already described, lies in $42^{\circ} 19' 40''$. If a ship should happen to fall to the southward of the harbour, especial care must be taken to avoid the *Cohasset Rocks*, which lie at some distance from the land, five miles to the south-eastward of Point Alderton. Of these rocks, the outer one, called *Minor's Rock*, has a black buoy on it, which lies in five fathoms. From this buoy the course to Boston Harbour is N.W., distance two leagues. In running thus, you will pass the white buoy on *Harding's Rocks*, and may thence haul up to the westward, passing between the *Light-house Island* and the red buoy on *Alderton Shoal*.

From the middle of the *Light-house Channel* steer W. by N. one mile, to the beacon on the Spit, to which you may approach within one quarter of a cable's length, leaving it on the starboard hand, while the *Centurion Rock* and black buoy on the shoal ground of *George's Island* are left on the larboard. Having thus entered the Narrows, the course up to *Gallop Island Point* is N.W. by N. three quarters of a mile; and thence through, by *Nick's Mate*, N.N.W. half a mile. The beacon on *Nick's Mate* may be left on the larboard hand, at the distance of a cable's length.

From *Nick's Mate*, the course for *Castle Island*, through the main channel, is W. by N. three miles. In running thus you will first leave a *white spar buoy* on the Lower Middle Ground upon the starboard hand, which buoy is a mile below *Castle Island*. * You will next see a *white buoy* upon the *Castle Rocks*, which lies in two fathoms, on the larboard.

When abreast of the *Castle*, steer N.N.W. one quarter of a mile, to clear the Upper Middle Ground, which has a black buoy on it, in two fathoms, to be left on the larboard hand. Should this buoy happen to be taken up, run N.N.W. until the two northernmost steeples in Boston are a handspike's length open; a course then N.W. by W. $2\frac{1}{2}$ miles, will bring you up to the town.

BROAD SOUND, BOSTON.—Broad Sound is the northern entrance of Boston Harbour, but is not a proper channel for large vessels. Without its entrance are the *Graves*, a cluster of rocks appearing white, and which lie in latitude $42^{\circ} 22' 30''$; these may be left on the larboard hand, at the distance of two cables' length: bring them to bear S.E., and run on S.W. by W. This course, for four miles, leads up to the light-house on the north point of *Long Island*, described above.

But observe that, between the *Graves* and *Long Island*, there are several ledges, particularly the *Devil's Back*, the *Barrel*, and *Aldridge Ledge*, besides the *Ram's Head Bar*, stretching from the north end of *Lovell's Island*, and the *Faun Bar*, stretching from *Deer Island*, on the opposite side. The outer reefs are the *Barrel* and *Devil's Back*; near the first is a black buoy with a white vane, which is moored about 7 fathoms N.E. from the rock, in $3\frac{1}{2}$ fathoms of water, at about 2 miles W. by S. from the body of the *Graves*; W.N.W. from the house on *Green Island*, and with *Long Island Head* S.W. $\frac{1}{2}$ W. nearly $2\frac{1}{2}$ miles.

The *Devil's Back* is distinguished by a red buoy, which lies in 4 fathoms, and is to be left on the larboard side. On the *Ram's Head Bar* is a black buoy, in 15 feet of water (larboard); and, on the N.E. point of *Faun Bar* is a white buoy, which is to be left on the starboard side. The last lies in $2\frac{1}{2}$ fathoms, with *Long Island Head Light* bearing S.W. *Aldridge's Ledge* lies nearly in mid-channel between the *Ram's Head* and the N.E. end of *Faun Bar*; there is a channel of 3 fathoms on each side. Here you enter the main channel to Boston.

SALEM HARBOUR.—The entrance of Salem Harbour is distinguished by two light-houses on *Baker's Island*, near the middle of the entrance; these lights are 40 feet asunder, and bear, when in a line, N.W. $\frac{1}{2}$ W.

The American Coast Pilot also says, The Lower Middle Ground, which lies on the north side of the channel, a little above *Spectacle Island*, and which is, in part, dry at low water, has on its eastern part a red buoy, and on the western part a black buoy, in two fathoms; to be left on the starboard hand. — (10th Edit. p. 166.)

† It is to be noticed that, during the winter season, the upper buoys of Boston Harbour are taken up.

Baker's.