

Baker's Island, it is about 12 feet above the level of the sea, and the *Brimbles* and *Eagle* Islands are the starboard. By continuing this course you will be in the line of the harbor, and enter the *Ship Channel*, whence proceed as above directed. Common tide rises about 12 feet.

MARBLEHEAD HARBOR.—Vessels bound to Marblehead, sailing to the southward, and running for the lights on Baker's Island, after making them, must keep the north and lower one open to the eastward of the southern light, and run for them, which will carry them to the starward, and clear of the south breaker off Baker's Island, which bears from the lights from S.E. $\frac{1}{2}$ S. to S.S.E. $\frac{1}{2}$ E. distant two miles.

Having made the lights, with a westerly wind, and beating, when within $\frac{1}{2}$ mile of them, you may not stand to the southward and westward so far as to shut the northern light with the southern one, on account of the south breaker; nor to the northward farther than to bring the lights to bear W.S.W. $\frac{1}{2}$ W. on account of Gale's Ledge, which bears from the lights N.E. by E. distant $\frac{1}{2}$ mile.

Drawing near the lights, take care to avoid the ledge, called the *Whale's Back*, which bears from the lights N. by E. distant four-fifths of a mile.

In going into *Marblehead*, and being up with the lights, give the north point of Baker's Island a berth of one-quarter of a mile, or less. Having the lights in a line, you will be up with the point. When the south light is open with the north light, you have then passed the point, (leaving *Misery Island* on your starboard hand, which bears from the lights N.W. $\frac{1}{2}$ N. four-fifths of a mile). Then steer S.W. by S. or S.S.W. until you bring the south light to bear N.E. by E. $\frac{1}{2}$ E., then steer S.W. by W. or W. $\frac{1}{2}$ S. three miles, for *Marblehead Harbour*. You will leave *Hardy's Rocks*, *Eagle Island*, and *Gray's Rocks*, on the starboard hand; *Pope's Head*, *Brimbles*, and north point of *Cat Island*, on the larboard hand. The *Brimbles* bear from *Eagle Island* S.S.E. $\frac{1}{2}$ E. distant half a mile, and *Gray's Rock*, from the north point of *Cat Island*, N.W. by W. seven-eighths of a mile.

Falling in with the south point of Baker's Island, and it blowing hard from the eastward, if you cannot avoid it, you may pass the point by keeping it well on board, say at the distance of from 20 to 50 fathoms from the shore, where you will have from 4 to 5 fathoms of water. When up with the S.W. point, steer W.S.W., which will carry you between the North, Gooseberry and Pope's Head, leaving the former on your larboard hand, and Pope's Head on your starboard hand, between which you will have from 4 to 5 fathoms of water. So soon as you have passed Pope's Head, haul to the northward, until the south light bears N.E. by E. $\frac{1}{2}$ E., then steer S.W. by W. $\frac{1}{2}$ W. for *Marblehead Harbour*.

Vessels coming from the eastward, and running for Half-way Rock, now distinguished by its beacon, must not bring the rock to bear to the southward of W.S.W., to avoid the south breaker, which bears from Half-way Rock N.E. $\frac{1}{2}$ E. distant one mile. Being up with Half-way Rock, and bound into *Marblehead*, bring the rock to bear E.S.E. $\frac{1}{2}$ E. and steer W.N.W. $\frac{1}{2}$ W. for *Fort Head*, distant 3 miles, leaving *Cat Island* on the starboard hand, which bears from Half-way Rock W.N.W. distant $\frac{1}{2}$ mile, and *Marblehead Rock* on the larboard hand, which bears from Half-way Rock W. $\frac{1}{2}$ N. distant 2 miles. *Black Rock* bears from Half-way Rock N.W. by W. distant $\frac{1}{2}$ mile. *Cat Island Rock* and *Point Neck* bear east and west of each other, distant about one mile.

Vessels, being up in Boston Bay, may, by bringing the Boston light to bear S.S.W., run N.N.E. for *Marblehead Rock*; they are distant from each other about 12 miles. Half-way Rock and Boston light bear from each other S.W. and N.E. distant 15 miles.

Note.—The *Whale's Back* is covered at high water, and may be seen at quarter-ebb. Gale's Rocks are seen only at low spring-tides. The south breakers off Baker's Island

The *Brimbles* are broken rocks, bare at low water; near them is a spar buoy, painted red, which is seen out of water at half-ebb.

Marblehead Rock bears S.W. about three-quarters of a mile, from the western part of *Cat Island*. It is above water, and may be approached to a short distance without danger. On the rock is a monument, or beacon, painted white at the bottom and black at the top; it is about 8 feet in the base, and 15 in height. The course and distance from Half-way Rock to *Marblehead Rock* is W.N.W. $\frac{1}{2}$ W. 3 miles, leaving the beacon on *Cat Island Rock* on the starboard, and the monument on *Marblehead Rock* on the larboard side. The monument bears from the beacon W.S.W. $\frac{1}{2}$ W. seven-eighths of a mile.