

light-house on the south side of the principal entrance to Salem Harbor, and is situated at the extremity of the Cape of Salem. This water is deep near the island, and there is no convenient landing-place. The north and east sides are high and rocky. The bases of the light-houses are about 45 feet above the level of the sea. The tower light-house, which is towards the north, is 25 feet high in the upper one 66 feet. The high tower is built from iron, and is 100 feet high.

Should you sail into the harbor, and you fall in with Cape Anne, supposing Cape Anne light-house to be N.W. about 3 miles distant, your course will be W. S.W. about 10 leagues, then W. by S. 2 miles, which will bring you in sight of the light-house Baker's Island.

Should you fall in to the southward, when proceeding for the lights, you should do so soon as you have made them, bring and keep the northern or lower light in the line of sight of the other, and then run for them: this will carry you to the eastward, and clear of the south breaker of Baker's Island, which is very dangerous.

Should the wind be westerly, when beating up, you should not stand to the southward or westward farther than to shut one light in with the other; otherwise you will be in danger of the south breaker, above mentioned; neither stand to the northward farther than to bring the lights W. by S. $\frac{1}{2}$ S. or you will be in danger of Cape Anne, a ledge which bears from the lights N.E. by E. one mile and three quarters distant.

The Common or Ship Channel into Salem is between Baker's Island and Misery Island. It is about a mile wide; and you may, so soon as you are up with Baker's Island, pass within 100 fathoms of it, and steer W. by N. for the Haste, a broken rock above water, which lies near the middle of the channel, with Baker's Island W. by N. $\frac{1}{2}$ miles; and at 10 miles from Baker's Island. This course will lead clear to the northward of Marblehead Neck, a ledge covered at high water, and to the northward of Bowditch's Ledge.

From mid-channel, between Baker's and Misery Islands, you may steer W. N. W. until you have passed Bowditch's Ledge, or until Cat Island comes open to the westward of Eagle Island; then haul up for the Haste, above mentioned.

You may anchor safely in 5 fathoms; but, to proceed farther, pass the Haste in the distance of about half a mile on the larboard, and steer S.W. by W. which will carry you to the harbour. Observe, however, that a rocky ledge stretches from the N.E. end of Water Island, and that a rock, called *Abbot's Rock*, lies abreast of it, to avoid which keep a quarter of a mile from shore. This rock has 7 feet over it at low water, and is found by bringing Castle-hill and house into the cove north of Port Pickering, and Beverley Meeting-house well in with Juniper Point, the S.E. point of Salem Neck.

Be cautious, when keeping off shore, in order to avoid Abbot's Rock, that you do not go too far to get on the *Aqua-viva*, sunken rocks lying E.S.E. nearly half a mile from Port Pickering.

Should you, when coming from the south-eastward, find yourself near the *Half-way Rock*, you may bring it S.E., and steer N.W. for the Haste, passing near the *Satan* or *Black Rock*. The latter is above water, steep to, and bears S.W. by S. $\frac{1}{2}$ mile from Black Rock.

On the S.E. part of these breakers is a spar buoy, painted black, and which bears from the lights on the island S.S.E. $\frac{1}{2}$ E. $\frac{1}{2}$ miles.

Head's Rocks, now distinguished by a beacon, lie W. $\frac{1}{2}$ N. from Baker's Island light, distant five-eighths of a mile. The rocks appear at half-tide. On *Bowditch's Ledge* is a black spar buoy, bearing from Baker's Island W.N.W. one mile and a quarter distant.

Cat Island is about S.W. by W. a mile and a half from Baker's Island, and a mile from Marblehead Neck, running nearly between the two. On its N.W. end is a high beach, directly opposite the point of Marblehead, called *Peach's Point*. The shore is irregular and rocky. On the southern side of the island are three high rocks, two of which are connected with the island by bars of sand, uncovered at low water: the other stands boldly up between these two, but more southerly. The Marblehead Marine Society has erected on Cat Island Rock a spar 40 feet high, to the top of which is attached a cable of about 150 fathoms, and which is a useful mark from sea.

The *Half-way Rock*, about 150 feet in diameter, 40 feet high, and bold to, lies to the east of Marblehead, about 2 miles from the nearest land, and half way between the light-house at Boston and Cape Anne's Island. On this rock a pyramidical monument or beacon has been erected, the stone-work of which is 10 feet high, with a base of 10 feet in diameter, and a diameter of 15 feet high, on which is a copper ball, two feet in diameter.

Baker's