

highest part, which uncovers at half-tide, lies one-third of the way across from Man-of-War Island to Bliss Island; this ledge narrows the main channel on Bliss Island side to about 200 yards, and great precaution is necessary when this passage is taken by a stranger, as the leading marks through are not very direct. The center of Mink Island apparently touching the northwestern point of Bliss Island leads through in mid-channel, and by keeping White Horse Island shut in by the high-water mark of Bliss Island leads clear of the ledge; the Bliss Island shore may be approached close to.

There is a passage carrying 4 fathoms to the northward of Man-of-War Island and Boat Rock which may be used by vessels of light draft, and a narrow channel with $3\frac{1}{2}$ fathoms between Man-of-War Island and Rock. The south point of Adam Island, seen midway between the high water of the Pain Island and the islet next to the NE., leads through this latter channel.

Pea Island, nearly 200 yards in length and about 25 feet high, lies close off a peninsula on the eastern side of the eastern entrance into L'Etang harbor; rocks dry off to the SW. 100 yards, and at the distance of 250 yards SE. of the island and the same distance from the shore is an isolated low-water rock.

Half-tide Rock is very small, and lies 250 yards off the pitch of Deadman Head; a wide clearing mark is the western end of McCann Island just open of Pea Island. It is marked by a black, spar buoy.

Roaring Bull, a cluster of low-water rocks which just cover, lie to the NW. of Pea Island nearly 400 yards, and narrow the channel of the eastern entrance between them and Mare Rock to about $\frac{1}{4}$ mile; the wharves at the west end of L'Etang harbor just in sight west of L'Etang Head clears Roaring Bull cluster on their western side.

Ice.—During the depth of severe winters ice has been known to extend down the L'Etang River as far as the south end of the peninsula, but the broad part of the harbor is never frozen, nor is Bliss harbor.

Back Bay is an indentation formed between the west side of Cailiff Island and the main shore, but is not adapted for anchorage save of a temporary nature.

Cailiff Rocks, situated just within the entrance of Back Bay, about one-third of the way across from the western shore, cover at half tide, are detached and about 300 yards in extent. The west end of Bliss Island in line with the south point of Pain Island leads southward, and the east end of Barn Island bearing S. 25° W. leads westward of Cailiff Rocks.

Black Bay is an indentation between Pea Point and L'Etang Head, and is moderately steep to on its northern shore, but rocky spurs dry out 300 yards from the southern shore. Half a mile within the entrance, and in the center of the bay, are two small rocks which dry at three-quarters ebb, and vessels seeking a temporary anchorage should avoid approaching too near them.