

The harbours in Bonavista Bay are numerous, and safe when once gained; but they are, in general, so deeply embayed, the land is so diversified, and the passages so intricate, that their navigation is seldom attempted, unless by those who, from long experience, have a perfect knowledge of the coast: yet, should it become necessary, from stress of weather, or other circumstance, for a stranger to seek shelter, the places recommended for this purpose are, *Barrow* and *Great Chance Harbours*, in the S.W. part of the Bay; *New Harbour* and *Cat Cove* on the N.W.* These places are described hereafter.

BLACKHEAD BAY.—*Black Head* is $2\frac{1}{2}$ miles S. by W. [*S.W. $\frac{1}{2}$ W.*] from the Harbour of Bonavista, and *Southern Head* is 8 miles N.W. by W. $\frac{1}{2}$ W. [*West*] from *Black Head*. The latter are the two extremities of *Blackhead Bay*, which is two leagues in depth. On the S.W. side of this bay, at nearly a league and a half to the southward of *Southern Head* is the fishing establishment on *King's Cove*; but this is even a less desirable place of shelter than Bonavista, lying directly open to seaward, and having a foul bottom.

From *Southern Head* to *Western Head* the distance is four miles N.W. by W. $\frac{1}{2}$ W. [*West*]. The coast between forms five coves, on the second of which, *Keels*, is a fishing village; but neither this nor any of the other coves are fit places for vessels of burthen.

GREAT CHANCE HARBOUR.—The entrance of *Great Chance Harbour*, which is an excellent anchorage, lies 10 miles W. $\frac{1}{2}$ S. [*S.W. $\frac{1}{2}$ W.*] from *Western Head*. The passage to it is clear, with the exception of a rock of 18 feet, the *Bacon-bone*, lying a mile and a quarter south-westward from *Western Head*. In sailing for this place the safest way is, not to shut in *Southern Head* until the isle called *Little Denier*, bearing N. $\frac{1}{2}$ W., comes on with the outer *Shag Island*. Thus the *Bacon-bone* will be avoided, and you may steer for the harbour, S.W. by W. and West, without having any danger to encounter until you approach the entrance: but here, in the southern part, lies a sunken rock, with only 6 feet of water. Within this rock, and in a line with it, are two islets, called the *Mustard-bowls*; in order to avoid the rock, be careful not to shut in the western *Mustard-bowl* with the eastern; but, having passed the latter, you may stand boldly in, approaching the shore on either side as you please, and you may anchor any where above the narrows in from 11 to 5 fathoms, perfectly land-locked and good holding-ground. Wood and water may easily be procured here.

At two miles E. by N. from *Chance Point*, (the outer point of *Chance Harbour*), is a spot of ground with 7 fathoms, over which the sea breaks in very heavy gales from seaward, but it is not dangerous in fine weather.

BARROW HARBOUR.—The island called the *Little Denier*, which lies off the entrance of *Barrow Harbour*, is situated in latitude $48^{\circ}41'$, and long. $53^{\circ}31'$. The harbour, which lies south-westward of it, is safe and convenient: it is formed by three islands, *Richard's*, *Goodwin's*, and *Keat's*; the entrance is about 500 yards wide, and not very difficult of access: the harbour is a mile long; the lower part is rocky, and not well sheltered; but the upper part is completely land-locked, and has good holding-ground. The course to this place, from Bonavista Gull Island, is N.W. by W. $\frac{1}{2}$ W., 22 miles.

On approaching *Little Denier*, you must be careful to avoid the *Outer Rock*, lying three-quarters of a mile E. $\frac{1}{2}$ N. from that island. It has only 4 feet of water on it; but as the sea constantly breaks, it is easily guarded against. Between *Little Denier* and *Richard's Island*, there is also a range of rocks, called the *Brandishes*, at distances from each other, and extending nearly half way over toward *Little Denier*, with from 14 to 17 feet upon them: between are channels of 7 and 8 fathoms. These make the northern channel preferable for strangers without a pilot. To run clear of the *Brandishes*, you must keep *Wedge Point*, (the projection within the harbour,) a little open to the southward of *Smoky Ridge*, (a range of high land at the top of the harbour,) until you bring *Broom Head*, N. by E. $\frac{1}{2}$ E. on with the middle *Shag Island*; the passage is then without obstruction till you near *Wedge Point*, off which, at 70 yards, lies a sunken rock, with 8 feet of water; you may then sail up abreast *Pudner's Cove*, until you are entirely shut in from the sea, and anchor in from 10 to 18 fathoms. There is a small fishing

* See the Admiralty Chart of Bonavista Bay, &c., from the Survey of Messrs. Holbrook and Bullock, 1922.