

The observations on the South Channel were made on board his Majesty's Sloop *Zephyr*; but as she went no lower down in this Channel than the West end of *Crane Island*, it is thought proper to add the following directions taken on board a vessel that went quite through the South Channel below *Coudre*.

The first danger is the reef of *Madame*, which runs off S. W. by W. $2\frac{1}{2}$ miles from the West end of it, to avoid which, in sailing round the island do not haul to the Southward, till you have brought the East end of the Westernmost mountain on the South shore, a sail's breadth to the Westward of the windmill on *Bellchase*, (see plate III. fig. 1.) with which mark you will pass to the Westward of the shoal in 5 fathoms at low water; steer over for *Bellchase*, until you open the Isle of *Rot* to the Southward of *Madame*; then you may steer E. by N. or E. N. E. along shore, in any depth from 5 to 9 fathoms. There is no danger till you come abreast of the middle of the Isle *Madame*, to the Southward of which about a mile lies a bank of sand, that runs almost as far as the Isle of *Grosse*; this bank is dry in many places, but as it shoals gradually to the Northward, it may be avoided, by keeping the lead going.

There is however a mark that will carry you in the best of this channel, if the weather is so clear as to distinguish it; (see plate III. fig. 2.) which is to keep the mountain A just open with the S. W. part of *Crane Island*.

In this direction, you will not have less than 6 and 7 fathoms to *Crane Island*, 2 miles to the Southward of which there is a bank of sand, which has not above 2 fathoms on it at low water. This bank begins a little above *St. Thomas's*, and runs down as far as the River *Ovell*. From *Crane* and *Goose Islands*, you will have 8, 9, and 10 fathoms, strong clay ground; these islands are joined by an isthmus, and make the best road in this river. The breadth of the channel, from the island to the bank, is about a mile and a half, the ground good, very little tide, and sheltered from all winds but E. N. E.

From *Goose Island*, steer for the Southernmost Rock of the pillars, which you may pass at 2 cables' length, in 5 and 6 fathoms at low water. When past the Southernmost Pillar, steer N. E. by E. for the Easternmost. About 2 or 3 miles, S. E. by S. off the East pillar about a quarter of a mile, there is a rock which covers and uncovers with the tide, and has 5 fathoms close to it; to avoid which in sailing down, keep the Southernmost Pillar open to the Northward of *Crane Island*, until you are abreast of the Easternmost Pillar; then steer N. E. by N. from *Cape Goose*, 7 leagues, keeping the pass (P) in the valley over *Cape Goose*, or point of *Little Mal Bay*, as will appear in plate III. fig. 3.

In this direction you will have the best of the channel, from 5, 7, to 12 fathoms, the ground very uneven, but not less than 5 fathoms at low water, till you bring the West end of *Coudre* on the West end of *St. Paul's Bay*, you will then find the channel run more to the Eastward, so as to bring P on A, with these marks on, you will have the same kind of soundings and ground when
abreast: