

Should they be obliged to run for a harbour below Bic Id., Old Bic furnishes a proper place to run ashore: and to the southward of Barnaby Id. a ship will be equally safe. Little Motis Cove is a good place for a vessel on emergency to take refuge in. (See page 64.)

As the ice sometimes sets in suddenly, should vessels be caught at that season, all the places above-mentioned will be proper and safe to winter in; and also in the space between Camouraska and the Pilgrims: but at all times they should be hove up to H.W. mark, spring-tides.

QUARANTINE.—All merchant vessels, as the law now stands (in 1860), are obliged to anchor off Grosse Id., from whence, after examination, they are allowed to proceed to Quebec, if not detained at the quarantine anchorage. These vessels, in the first instance, generally anchor outside Grosse Patch, and to the westward of Margaret's Tail, in 5 fms. This is one of the best roadsteads for riding out an easterly gale in the river.

Ships being up so far as Belle Chasse Ids., should stand no nearer to them than 8 fms.; nor to Madame Ids. than 6 fms.: the channel here is about $1\frac{1}{2}$ m. over. S.W. by W., 3 m. from the W. end of Madame Id., a rocky shoal runs out, which dries at L.W.: come not nearer to it than 8 fms.; but always keep some part of Reaux Id. open to the southward of Madame Id., and you will be sure to pass to the southward of the shoal in safety; and when St. Valiere Church bears S.S.E., you will perceive it to be in one with an old windmill; you will then be to the westward of the danger, for the western end of the shoal bears from St. Valiere Church directly N. From Belle Chasse to Pt. St. Valiere you will have 8 fms. all along the fairway of the channel; but having passed St. Valiere Pt. it deepens to 11 or 12 fms.

From St. Valiere to Quebec the course is W. by S. $\frac{1}{2}$ S., for about 9 m., or up to St. Lawrence Pt., in Orleans, both shores being bold-to; you may, therefore, borrow on the northern side to 7 or 8 fms., and the southern to 8; while in the middle of the channel there are 16, 17, and 18 fms., all the way to abreast of the Church of St. Lawrence, where vessels may anchor towards the Id. of Orleans, in from 16 to 10 fms.; but the ground from St. Valiere Pt. up to Quebec is not good for holding.

As you advance towards St. Lawrence Pt. the channel narrows, being not above a mile across; on the opposite point stands the Church of Beaumont; between this and the Church of St. Lawrence, bearing from each other S.S.W. and N.N.E., is a large rocky shoal, extending almost half over the channel, and drying at L.W.: this is dangerous and steep-to, having 10 fms. close to its edge; you must therefore be careful to avoid it, by making short boards until you are fairly above St. Lawrence Pt.; then you may safely stand to the southward into 10 fms. (p. 76).

From Pt. St. Lawrence steer W. by N. towards Pt. Levy, the distance being 7 m. About $1\frac{1}{2}$ m. to the westward of St. Lawrence is St. Patrick's Hole, a roadstead for vessels bound outward, with easterly winds, but the ground does not hold well; the river here is a mile wide, and ships may tack into 10 fms.; in the middle of the river are 19 fms. In proceeding along the N. shore, you must give the Marand's Rks. a berth; they lie about a mile from the W. end of the Id. of Orleans, and have only 6 to 9 ft. over them; pass them in 12 fms. There is also a reef stretching from the W. end of Orleans, but come not into less than 10 fms., and there will be no danger. Another small reef runs to the northward from Pt. Levy; but it lies close in shore, and requires only a moderate berth.

Having arrived at Pt. Levy, steer W.S.W. for Quebec, the distance being only 2 m.; on the northern side of the passage lie the Beauport Shoals, which are readily cleared, by coming into not less than 10 fms. In the day-time the mark for the eastern part of these shoals, which have some rocky patches among them, is the small steeple of the Roman Cathedral and the steeple of the English Cathedral in one, bearing S. 36° W.; therefore keep the small steeple open to the northward of the English Cathedral, and running up keep the above small steeple midway between the two large ones: observe that the Roman Cathedral has two steeples on it, the small one standing at the E. end, and the large one at its W.

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