

taining the fishing establishment and wharf at which there is a depth of 10 feet. A vessel tying up to this wharf will have shelter from all winds, but in a heavy north-west gale there is considerable under tow requiring better fastenings than exist at present. This little island is separated from the main island by a channel 150 yards broad through which 16 feet *may* be carried, but on account of its sharp turn, is not recommended.

A vessel with a steam windlass seeking shelter in an easterly gale, and finding the dock occupied will find anchorage in the bay in 13 fathoms over mud.

In heavy westerly weather a vessel will find good anchorage under West Grant island to be alluded to further on.

A rock awash lies 250 yards north-westward of Fishery island, and generally shows itself by breaking. A shallow spur extends 100 yards further westward. A passage for a light draught vessel exists between the rock awash and the island.

The north side of East Grant island may be approached to 200 yards there being 12 fathoms at this distance. From the north-eastern point a reef extends in an easterly direction 400 yards.

Herbert island, about 8 feet high, is situated half a mile eastward of the southern extremity of East Grant island. On the south side the water is good, but on the east and north-west sides shoal spits make out 200 yards.

A cluster of dry stones lies a quarter of a mile northward of Herbert island and the same distance from the east side of the main island. Shallow spits extend 200 yards in a north-westerly and opposite direction from this cluster. The east side of the main island should not be approached nearer than two-thirds of a mile, at which distance there is 12 fathoms.

An **isolated lump**, with not less than 15 feet on it, lies 200 yards off South point of East Grant island.

Ivor rocks, the highest of which is 7 feet high, lie close to the extremity of the long point forming the south side of the bay already mentioned, leaving a narrow passage for a small tug between them and the point of the main island.

The depth of 12 fathoms will be found 100 yards westward of the largest Ivor rock, but in proceeding to the wharf the northern small rock of this group should not be approached nearer than 300 yards.

Middle Grant island.—This island about 30 feet high is triangle-shaped, the sides being about 300 yards long, and deep water approaches close to its north-west side. Shoal water makes out from its south-west