

side 200 yards, while eastward and northward from it are the following isolated rocks:—

**Leo rock**, with 6 feet water on it, lies N. by E.  $\frac{1}{2}$  E. nearly a quarter of a mile from the north gravelly point of Middle Grant island. To pass northward of this rock keep the north-west point of West Grant island in sight northward of Anchor island W. by S.  $\frac{1}{2}$  S.; there is a depth of 7 fathoms between Leo rock and Middle Grant island.

**A rock** with 11 feet on it lies E. by S.  $\frac{1}{4}$  S. 300 yards from the same extremity of Middle Grant island.

**Two rocks** with 10 feet and 5 feet over them lie S.E.  $\frac{3}{4}$  E. two-thirds and one-third of mile respectively from the same point of Middle Grant island.

Fishery island of East Grant shut in with the point east of Ivor rocks N.E. leads south-east of both these patches.

**West Grant island.**—This island is beset by shoal water and very much indented, the shallow bay on the south side of it (containing the remains of a small fishing establishment) almost dividing it.

**Bird island** 12 feet high, and in two parts, is situated 600 yards northward of the main island, and helps to shelter the anchorage hereafter mentioned. With the exception of a spur making out 50 yards from its eastern extremity both it and the little dry rock north of it are steep-to.

**Anchor island** 6 feet high lies on the north side of the main island and rather nearer to it than Bird island, from which it is separated by a passage 270 yards broad with a depth on it of 5 fathoms. Anchor island is joined to the north-west point of the main island by a chain of shallow sunken rocks, affording no passage for anything but boats. A narrow gravel spit extends 100 yards from its southern extreme towards the main island.

**A rock** with 13 feet water on it lies in a line joining the eastern part West Grant to Middle Grant, and is rather nearer the former. A shallow flat makes out a quarter of a mile in a south-easterly direction from the same extremity of the West Grant island.

**A reef** with 5 feet water over it lies a quarter of a mile off the old fishing cove on the south side of the island and almost joining the shore.

**Horne rock** awash and generally breaking is situated one-third of a mile south-westward of the western end of West Grant island. Shoal water runs from the rock half way to the west extremity of West Grant island leaving a passage 150 yards wide through which 4 fathoms *may* be carried in an emergency.

**Rocks** with less than 6 feet water on them extend 350 yards northward from the western extremity of West Grant island and serve to break