## 10.Aids of Navigation – THE ESSENTIALS

The arts of navigation were improving at the same time. The compass was devised at the beginning of the 14th century. An angle-measuring instrument called a sextant, to measure the angle of the stars above the horizon. Accurate charts so the navigator can find the position of the ship in latitude and longitude or about the land or a hazard such as rocks and shallow water called shoals.



Sailors use telescopes of long-focal length to sight distant ships and landfalls. Nineteenth-century instruments were made with brass draw tubes.









