

19. **Leeway** is the angle between the line of the Ship's keel and her wake.
20. **The Meridian Altitude** of a celestial object in its altitude when on the meridian of the place of observation.
21. **Azimuth** is the angle between the meridian of the place, and a vertical circle passing through the object.
22. **Amplitude** is the arc of the Horizon contained between the E. or W. points and the centre of a celestial object when rising or setting.
23. **Declination** is the arc of a celestial meridian contained between the object and the celestial Equator.
24. **Polar Distance** is the distance of any celestial object from the pole of the observer.
25. **Right Ascension** is the arc of the Equator intercepted between the first point of Aries, and a circle of Declination passing through the object. It is reckoned Eastward from 0h to 24h.
26. **Dip** is the angle between the Sensible Horizon, and a line drawn from the Eye of the Observer, to any point in the Visible horizon.
27. **Refraction** is the increase in an altitude, caused by the Earth's atmosphere.
28. **Parallax** is the difference between the altitude of an heavenly body, observed on the surface of the Earth, and what it would be if taken at the centre of the Earth.
29. **Semi-diameter** is half the diameter of the sun or moon.
30. **Augmentation of the Moon's Semi-diameter** is a correction to be added to the apparent semi-diameter, on account of the moon getting nearer to the observer, when rising from the horizon to the Zenith.
31. **Observed Altitude** is the altitude of any body above the horizon, measured by a sextant.
32. **Apparent Altitude** is the observed altitude corrected for index Error, and dip.
33. **True Altitude** is the apparent altitude corrected for Parallax and refraction.
34. **Zenith Distance** is the distance of a celestial object from the point of the heavens immediately over the observer.
35. **Vertical Circles** are great circles passing through the Zenith.
36. **The Prime Vertical** is that vertical circle which cuts the Horizon at the East and West points.