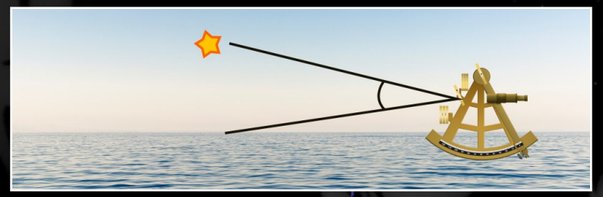
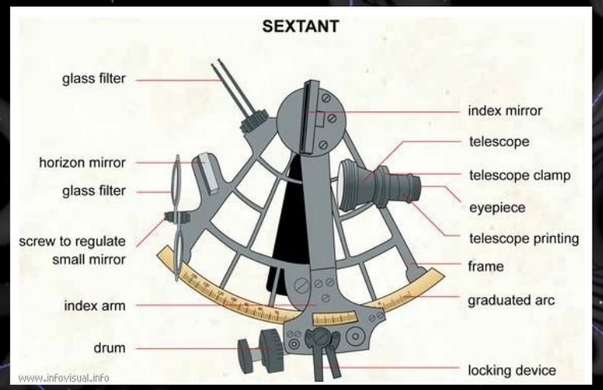
REVELATON 12 SIGN - SEXTANS

STAR OF JACOB COMET TRAJECTORY IN THE VIRGO CONSTELLATION

A Sextant is a Doubly Reflecting Navigation Instrument that measures the Angular Distance between 2 Visible Objects. The primary use of a Sextant is to measure the Angle between an Astronomical Object and the Horizon for the purposes of Celestial Navigation. The Estimation of this Angle, the Altitude, is known as Sighting or Shooting the Object, or Taking a Sight. The Angle, and the Time when it was measured, can be used to calculate a Position Line on a Nautical or Aeronautical Chart—for example, sighting the Sun at Noon or Polaris at Night (in the Northern Hemisphere) to estimate Latitude (with Sight Reduction).





NE

LEO

Sextans

Hydra

Ecliptic

Denebola

Coma Berenices

VIRGO

Mercury

SUN

E

'Star of Jacob'

Comet C/2023 A3

Tsuchinshan-ATLAS

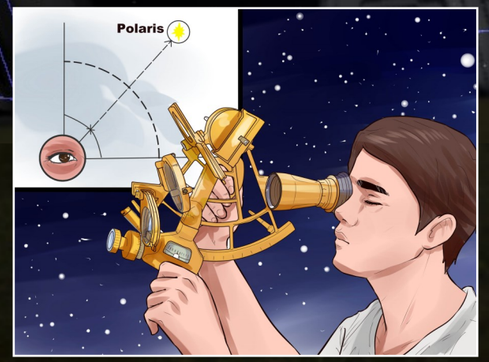
September 27, 2024

Perihelion

Crater

Earth Horizon - Sun Rise

Sextant Instrument



Sighting the Height of a Landmark can give a Measure of Distance off and held Horizontally, a Sextant can measure Angles between Objects for a position on a Chart. A Sextant can also be used to measure the lunar distance between the moon and another celestial object (such as a Star or Planet) in order to determine Greenwich Mean Time and hence Longitude.

Date and Time

Date and Time				Julian Day			
2024	– 9	– 27		6	: 6	: 6	

MAIN SOURCES
Earth.Google.com
Stellarium.org
Wikipedia.com

Earth, 36.2664, -122.27, 0 m FOV 60° 17.8 FPS 2024-09-27 06:06:06 UTC-08:09 (LMST)