

1. Record Nr.	UNINA9910806832503321
Autore	Blewitt Mary
Titolo	Celestial navigation for yachtsmen / / Mary Blewitt
Pubbl/distr/stampa	London : , : Adlard Coles Nautical, , 2008 ©1997
ISBN	1-4081-0639-6
Edizione	[12th ed.]
Descrizione fisica	1 online resource (72 p.) : ill
Disciplina	623.89
Soggetti	Nautical astronomy Navigation Yachting
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Cover -- Copyright -- Contents -- The Theory -- Heavenly Bodies -- The Geographical Position -- Declination -- Hour Angle -- The Zenith -- The Horizon -- Altitude -- Zenith Distance -- The Elevated Pole -- Azimuth and Azimuth Angle -- Great Circles -- Universal Time -- The Position Line -- The Meridian Passage -- Spherical Triangles -- The Intercept -- Sextant Altitude and True Altitude -- Dip -- Refraction -- Semi-Diameter -- Parallax -- The Practice -- Almanacs and Tables -- A Sun Sight in Winter -- Using the Sextant -- Recording the Sights -- Correcting the Data: Watch Time to UT -- -- Sextant Altitude to True Altitude -- Using the Almanac: LHA Sun from UT -- Using the Tables: Assuming a Position -- Declination -- Tabulated Altitude and Azimuth -- Plotting the Sight -- A Sun Sight in Summer -- A Moon Sight -- Planet Sights -- Meridian Sights -- Star Sights -- Sidereal Hour Angle -- Declinations -- Twilight and Preparation -- Selected Stars -- Precession and Nutation -- Using the Meridian Passage -- Pole Star Sights -- Selecting the Best Position -- NOTES -- Sextants -- Sextant Error: Index Error -- Side Error -- Spherical Triangles -- Calculators -- Concise Sight Reduction Tables -- Practice Sights -- Plotting Sheets -- APPENDICES -- A Nautical Almanac for 27-29 July 1997 -- B Nautical Almanac for 6-8 December 1997 -- C Increments and Corrections -- D Altitude Correction Tables 10°-90° for Sun, Stars, Planets -- E Altitude

Correction Tables 0°-35° for the Moon -- Altitude Correction Tables
35°-90° for the Moon -- F AP3270 Vol 3: LHA, Dec, He, d, Z -- G
AP3270 Vol 1: Selected Stars -- H AP3270 Correction Table 5 -- INDEX.

Sommario/riassunto

The main concepts of astro navigation are the subject of this classic text that lends itself to being termed the 'Navigation Bible'. The principles of navigating without electronic aids are set down very clearly and succinctly.