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Titolo	Introduction to Celestial Navigation / / by Alexander Arnfinn Olsen
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Descrizione fisica	1 online resource (XXXII, 337 p. 182 illus., 51 illus. in color.)
Collana	Springer Series on Naval Architecture, Marine Engineering, Shipbuilding and Shipping, , 2194-8453 ; ; 15
Disciplina	730
Soggetti	Marine engineering Transportation engineering Traffic engineering Geography Marine Engineering Transportation Technology and Traffic Engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introducing the Celestial Sphere -- Time Systems -- Practical Sights: Planning, Taking, Reducing and Plotting -- Observing Celestial Sights using an Artificial Horizon -- Identification of Heavenly Bodies -- Meridian Passage and Polaris -- Rising and Setting of Heavenly Bodies -- Refraction, Dip and Mirage -- Errors in Celestial Position Lines -- Sky at Night -- Understanding Celestial Sphere Terminology -- Hour Angels -- Theory of Time.
Sommario/riassunto	This book focuses on Coastal and Ocean Navigation with an emphasis on celestial navigation techniques as a 'back up' in the event digital technologies fail. It deals with the main themes and principles of celestial navigation (including time). It covers the syllabus for deck officers working towards the Officer of the Watch (OOW) certificate of competence (COC) awarded by the Maritime and Coastguard Agency (MCA), and for Royal Navy navigation officers working towards achieving the equivalent Navigational Watch Certificate (NWC). The NWC is equivalent to the certificate awarded by the MCA to OOWs in the Merchant Service under the international Standardisation of Training, Certification and Watchkeeping (STCW) agreements. The detailed theory

of celestial navigation is provided.
