1. Record Nr. UNINA9910484482103321 Autore Bruce George J. Titolo Shipbuilding management / / George Bruce Pubbl/distr/stampa Singapore:,: Springer,, [2021] ©2021 **ISBN** 981-15-8975-5 Edizione [1st ed. 2021.] 1 online resource (XXII, 216 p. 37 illus., 10 illus. in color.) Descrizione fisica Disciplina 623.83 Soggetti Shipbuilding - Management Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Part 1 Shipbuilding Context -- Chapter 1The shipbuilding market --Nota di contenuto Chapter 2 Development of Shipbuilding -- Part 2 Pre-production Requirements -- Chapter 3 Ship Design -- Chapter 4 Planning --Chapter 5 Materials Procurement -- Chapter 6 Sub-Contractors -- Part 3 Ship Construction -- Chapter 7 Shipyard Facilities and Equipment --Chapter 8 Hull Part Preparation -- Chapter 9Hull Assembly -- Chapter 10Ship Construction -- Part 4Ship Outfitting and Testing -- Chapter 11Pipe and other systems -- Chapter 12Equipment Installation --Chapter 13Painting -- Chapter 14Testing -- Chapter 15Completion --Part 5Project Management -- Chapter 16Principles of project management -- Chapter 17Shipbuilding Projects -- Chapter 18Quality Assurance. This book highlights the main features of shipbuilding management Sommario/riassunto which lead to successful completion of shipbuilding projects. A brief review of the market context for the industry, its historical development are given to explain how shipbuilding arrived at its current structure. First pre-production including design, planning, cost estimating, procurement of materials and sub-contracting. Then, the production sequence outlines part preparation, hull assembly and construction, outfitting and painting, testing and completion. The importance of human resources and management organisation are

explained. Building a ship is a complex project, so the principles of project management are described, first in general terms and then with

specific reference to their application in shipbuilding. Finally managing the progress of a shipbuilding project and achieving completion are emphasised.