1. Record Nr. UNINA9910457344203321 Autore Kristiansen Svein Titolo Maritime transportation : safety management and risk analysis / / Svein Kristiansen Oxon [England]:,: Routledge,, 2013 Pubbl/distr/stampa **ISBN** 1-136-07758-8 1-136-07757-X 1-281-00326-3 9786611003265 0-08-047336-9 Descrizione fisica 1 online resource (523 p.) Disciplina 363.123 Soggetti Ships - Safety regulations Navigation - Safety measures Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali First published 2005 by Butterworth-Heinemann. Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Cover; Table of contents; PREFACE; PART I BACKGROUND; 1 INTRODUCTION: 2 MARITIME RISK PICTURE: 3 RULES AND REGULATIONS: PART II STATISTICAL METHODS: 4 STATISTICAL RISK MONITORING; 5 DECISIONS IN OPERATION; PART III RISK ANALYSIS; 6 TRAFFIC-BASED MODELS: 7 DAMAGE ESTIMATION: 8 RISK ANALYSIS TECHNIQUES; 9 COST-BENEFIT ANALYSIS; 10 FORMAL SAFETY ASSESSMENT: PART IV MANAGEMENT AND OPERATIONS: 11 HUMAN FACTORS: 12 OCCUPATIONAL SAFETY: 13 ACCIDENT ANALYSIS: 14 EMERGENCY PREPAREDNESS; 15 SAFETY MANAGEMENT; INDEX Sommario/riassunto Shipping and marine transportation is a highly regulated global industry. With heightened public awareness of the environmental and human cost of marine accidents, and tighter legislation from governments and international bodies on ships and shipping operations, the safe and efficient operation of ships is a priority for all ship builders, owners and operators. This book is the essential guide to the safety of maritime transportation for anyone in the field. The book

covers all aspects of maritime risk and safety from engineering and