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ISBN	1-68392-296-4
Edizione	[1st ed.]
Descrizione fisica	1 online resource (450 p.)
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Soggetti	Technology & Engineering / Power Resources / General
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Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Frontmatter -- Contents -- Preface -- Chapter 1 Remote Sensing in Oceanography -- Chapter 2 Sensors and Their Measurements for Ocean Monitoring -- Chapter 3 Underwater Acoustics -- Chapter 4 Underwater Communication -- Chapter 5 Oceanographic Wireless Sensor Networks -- Chapter 6 Image Processing for the Ocean -- Chapter 7 Ocean Energy -- Chapter 8 Marine Electronics -- Chapter 9 Oceanographic Instruments -- Chapter 10 Ocean Optics and Ocean Facts -- Appendix I Indian Satellites for Ocean Monitoring -- Appendix II U.S. OCEAN MONITORING -- Appendix III Using Satellites for Forecasting (U.S.) -- Appendix IV Exploring The Ocean Basins With Satellite Altimeter Data -- Appendix V Acronyms -- Index
Sommario/riassunto	This book provides a comprehensive overview of ocean electronics, energy conversion, and instrumentation. As remote (satellite) sensing becomes increasingly important, this text provides readers with a solid background of wireless sensor networks and image-processing for oceans and ocean-related energy issues. Features:* Focuses on wind energy, ocean wave, ocean tidal, and ocean thermal energy conversion* Discusses the measurements of ocean monitoring parameters such as ocean color, sediment monitoring methods, surface currents, surface wind waves, wave height and wind speed, sea surface temperature, upwelling, wave power and the ocean floor* Discusses sensors like scanner sensor systems, weather satellites sensors, synthetic aperture radar sensors, marine observation satellite(MOS) sensors, micro

		sensors for monitoring ocean acidification* Includes material on underwater acoustics and underwater communication* Assesses the environmental impact of generating energy from the ocean* Explores the design of applications of marine electronics and oceanographic instruments
2.	Record Nr.	UNINA9910158809303321
	Autore	Sutterfield USAF Major Jon M
	Titolo	Eighth Air Force Bombing 20-25 February 1944
	Pubbl/distr/stampa	San Francisco : , : Tannenberg Publishing, , 2015 ©2015
	ISBN	9781786253620 1786253623
	Edizione	[1st ed.]
	Descrizione fisica	1 online resource (43 pages)
	Disciplina	940.54497300000003
	Soggetti	Logistics Military operations, Aerial Bombing, Aerial
	Lingua di pubblicazione	Inglese
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	Nota di contenuto	Intro -- TABLE OF CONTENTS -- TABLES -- ACKNOWLEDGEMENTS -- ABSTRACT -- PART 1-INTRODUCTION -- PART 2-THE FOUNDATIONS OF EIGHTH AIR FORCE LOGISTICS -- PART 3-THE PILLARS OF SUPPORT -- PART 4-EIGHTH AIR FORCE LOGISTICS -- Leadership and Organizational Evolution -- Infrastructure, Personnel, and Training -- Supply -- Maintenance and Munitions -- Transportation -- 8AF Logistics-The Bottom Line -- PART 5-SUCCESS REAPED THE HARD WAY -- BIBLIOGRAPHY -- Books -- Periodicals -- Primary Source Material -- Internet.
	Sommario/riassunto	Eighth Air Force (8AF) conducted the US's first thousand-bomber raids against Germany in February 1944-recorded in history as Big Week. Until that time the USAAF was not able to concentrate such firepower on the enemy in such a short period of time. It took much effort to

make Big Week "big" covering the spectrum of planning and execution activities dating back to the end of World War I that were adapted and flexed to be successful in a different context. Indeed, the depth and breadth of the preparations required to successfully execute Big Week on the scale intended is deserving of a closer examination.Leadership from President Roosevelt to first line supervisors influenced 8AF logistics before February 1944. Major General Hugh J. Knerr was the one man that stood out as the champion of USAAF logistics. He influenced the concept of logistical operations in the ETO and, more specifically, put logistics on a level of importance equal to that of operations within the United States Strategic Air Forces (USSTAF). He synchronized logistics with operations and strove for constant improvement by making organizational and process changes aimed at increasing logistical responsiveness, effectiveness, and efficiency.The British provided tremendous host nation support including construction of new airfields, skilled and unskilled labor support, supply items, and transportation. The British host nation support 8AF received far surpassed what a cursory review of World War II history leads one to believe and serves as a model for US-led coalition operations in the 21st century. The US Merchant Marine and US Navy provided sealift of goods from the stateside depots to the theater. The US Army provided supply support of common items and Air Service Command (ASC) provided technical and supply support. Last, but not least, both civil servants and civilian contractors provided depot maintenance and in-theater technical support.