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KEY=FORCES - BROOKLYNN NICHOLSON

NAVAL MINE WARFARE

OPERATIONAL AND TECHNICAL CHALLENGES FOR NAVAL FORCES

National Academies Press Sea mines have been important in naval warfare throughout history and continue to be so today. They have caused major damage to naval forces, slowed or stopped naval actions and commercial shipping, and forced the alteration of strategic and tactical plans. The threat posed by sea mines continues, and is increasing, in today's world of inexpensive advanced electronics, nanotechnology, and multiple potential enemies, some of which are difficult to identify. This report assesses the Department of the Navy's capabilities for conducting naval mining and countermining sea operations.

EUROPE'S HIGH-END MILITARY CHALLENGES

THE FUTURE OF EUROPEAN CAPABILITIES AND MISSIONS

Rowman & Littlefield This report examines the evolution of European military capabilities over the next decade. It asks two main questions. What military capabilities might European allies and partners of the United States possess by 2030? And what types of military missions will these states be able (and unable) to effectively perform by 2030? First, European militaries—including the largest and most capable European NATO members—will continue to struggle to conduct several types of missions without significant U.S. assistance. Second, European militaries will face significant challenges in the Indo-Pacific. Third, Europe's major powers will likely have the capability to conduct most types of missions at the lower end of the conflict continuum without significant U.S. military aid. To sustain progress and overcome remaining challenges, NATO will have to revise its burden-sharing metrics, modernize defense planning and procurement practices, and address lagging political will.

U.S. MILITARY FORCES IN FY 2022

PEERING INTO THE ABYSS

Rowman & Littlefield This CSIS report is a compilation of the "U.S. Military Forces in FY 2022" white paper series, covering in detail the overall strategy and priorities of the DOD by service as well as SOF, contractors, and DOD civilians.

STRATEGIC ASIA 2012-13: CHINA'S MILITARY CHALLENGE

NBR In Strategic Asia 2012-13: China's Military Challenge, leading experts assess and forecast the impact of China's growing military capabilities. What are China's strategic aims? What are the challenges and opportunities facing the United States? How is the region responding to China's military power and to the U.S. policy of "strategic rebalancing"?

ASSESSING PRESIDENT OBAMA'S NATIONAL SECURITY STRATEGY

Oceana Publications Volume 116 of Terrorism: Commentary on Security Documents, Assessing President Obama's National Security Strategy extends the previous volumes on the Administration's national security policy by highlighting its specific strategies. The volume provides an assessment of the Quadrennial Defense Review and the Obama Administration's strategy on preventing the proliferation of nuclear weapons. It also includes assessments of the Administration's position on states' rights in controlling illegal aliens, the Department of State's foreign operations, and the Afghanistan strategy. Finally, documents assessing the relationship of terrorism to criminality and weapons of mass destruction nonproliferation strategy for Iran are also provided. The documents and assessments in this volume help readers identify the challenges of implementing a national security strategy.

MARITIME SECURITY OF THE ARAB GULF STATES

ANALYSIS OF CURRENT THREATS, CONFRONTATION MECHANISMS, AND FUTURE CHALLENGES

Springer Nature This book outlines the state of play in maritime security in the Gulf and provides a historical perspective to current issues while also surveying different mechanisms for Gulf maritime security, both at the collective and individual state levels. The book addresses a number of questions related to maritime security in the Gulf States, such as what are the main threats facing maritime security? Do the Arab Gulf States have the necessary naval capabilities to confront these maritime security threats? What are the efforts that the Arab Gulf States have made in order to maintain their maritime security? What are the regional frameworks through which the Arab Gulf States can address maritime security threats? And what are the obstacles hindering the Arab Gulf States' efforts to maintain maritime security? This book would be a valuable read for Gulf Cooperation Council States, the ministries of defense in the Arabian Gulf countries, security institutions, the Arabian Gulf countries' military academies, think tanks and universities in the six Gulf States, Western think tanks concerned with the Arabian Gulf region, and scholars specializing in Arabian Gulf countries.

DEFENSE MANAGEMENT REFORM

HOW TO MAKE THE PENTAGON WORK BETTER AND COST LESS

Stanford University Press Pentagon spending has been the target of decades of criticism and reform efforts. Billions of dollars are spent on weapons programs that are later abandoned. State-of-the-art data centers are underutilized and overstaffed. New business systems are built at great expense but fail to meet the needs of their users. Every Secretary of Defense for the last five Administrations has made it a priority to address perceived bloat and inefficiency by making management reform a major priority. The congressional defense committees have been just as active, enacting hundreds of legislative provisions. Yet few of these initiatives produce significant results, and the Pentagon appears to go on, as wasteful as ever. In this book, Peter Levine addresses why, despite a long history of attempted reform, the Pentagon continues to struggle to reduce waste and inefficiency. The heart of Defense Management Reform is three case studies covering civilian personnel, acquisitions, and financial management. Narrated with the insight of an insider, the result is a clear understanding of what went wrong in the past and a set of concrete guidelines to plot a better future.

DISRUPTIVE AND GAME CHANGING TECHNOLOGIES IN MODERN WARFARE

DEVELOPMENT, USE, AND PROLIFERATION

Springer Nature This book explores and analyzes emerging innovations within today's most cutting-edge science and technology (S&T) areas, which are cited as carrying the potential to revolutionize governmental structures, economies, and international security. Some have argued that such technologies will yield doomsday scenarios and that military applications of such technologies have even greater potential than nuclear weapons to radically change the balance of power. As the United States looks to the future – whether dominated by extremist groups co-opting advanced weapons in the world of globalized non-state actors or states engaged in persistent regional conflicts in areas of strategic interest – new adversaries and new science and technology will emerge. Choices made today that affect science and technology will impact how ably the US can and will respond. Chapters within the book look at the changing strategic environment in which security operations are planned and conducted; how these impact science and technology policy choices made today; and predictions of how science and technology may play a beneficial or deleterious role in the future. Some game changing technologies have received global attention, while others may be less well known; the new technologies discussed within this proposal, as well as future discoveries, may significantly alter military capabilities and may generate new threats against military and civilian sectors.

ROUTLEDGE HANDBOOK OF NAVAL STRATEGY AND SECURITY

Routledge This new handbook provides a comprehensive overview of the issues facing naval strategy and security in the twenty-first century. Featuring contributions from some of the world's premier researchers and practitioners in the field of naval strategy and security, this handbook covers naval security issues in diverse regions of the world, from the Indian Ocean and the Mediterranean to the Arctic and the piracy-prone waters off East Africa's coast. It outlines major policy challenges arising from competing claims, transnational organized crime and maritime terrorism, and details national and alliance reactions to these problems. While this volume provides detailed analyses on operational, judicial, and legislative consequences that contemporary maritime security threats pose, it also places a specific emphasis on naval strategy. With a public very much focused on the softer constabulary roles naval forces play (such as humanitarian assistance, disaster relief, naval diplomacy, maintenance of good order at sea), the overarching hard-power role of navies has been pushed into the background. In fact, navies and seapower have been notably absent from many recent academic discussions and deliberations of maritime security. This handbook provides a much-desired addition to the literature for researchers and analysts in the social sciences on the relationship between security policy and military means on, under, and from the sea. It comprehensively explains the state of naval security in this maritime century and the role of naval forces in it. This book will be of much interest to students of naval security and naval strategy, security studies and IR, as well as practitioners in the field.

THE FUTURE OF THE NAVY'S AMPHIBIOUS AND MARITIME PREPOSITIONING FORCES

Government Printing Office

UNDERSTANDING NAVAL WARFARE

Routledge This new and updated edition of *Understanding Naval Warfare* offers the reader an accessible introduction to the study of modern naval warfare, providing a thorough grounding in the vocabulary, concepts, issues, and debates, set within the context of relevant history. Navies operate in an environment that most people do not understand and that many avoid. They are equipped with a bewildering range of ships, craft and other vessels and types of equipment, the purpose of which is often unclear. Writings on naval warfare are usually replete with references to esoteric concepts explained in specialist language than can serve as a barrier to understanding. The objective of this book, therefore, is to cut through the obscure and the arcane to offer a clear, coherent and accessible guide to the key features of naval warfare which will equip the reader with the knowledge and understanding necessary for a sophisticated engagement with the subject. This second edition is divided into two key parts. The first focuses on concepts of naval warfare and introduces readers to the ideas associated with the theory and practice of naval operations. It also includes a new chapter in which the history of the last century of naval warfare is explored in order to illustrate the key concepts. The second part focuses on the conduct of war at sea and on peacetime roles for contemporary navies. This latter section concludes with a chapter that looks ahead to the likely future of naval warfare. This textbook will be essential reading for students of naval warfare, sea power and maritime security, and highly recommended for those studying military history, strategic studies and security studies in general.

MARITIME CHALLENGES AND PRIORITIES IN ASIA

IMPLICATIONS FOR REGIONAL SECURITY

Routledge Maritime issues are particularly important for Asian countries, where there is a high reliance on shipping routes for international trade, many difficult disputes over maritime boundaries, and the prospect of increasing tensions where maritime power might play a significant role. This book uses contributions by 17 experts to build a comprehensive survey of the maritime issues affecting Asia. It discusses the issues overall, goes on to examine the issues from the perspective of each of 14 key countries, and concludes by assessing the prospects for resolving common problems in order to preserve good order at sea.

AMERICA'S CHALLENGE

ENGAGING A RISING CHINA IN THE TWENTY-FIRST CENTURY

Brookings Institution Press The emergence of the People's Republic of China on the world scene constitutes the most significant event in world politics since the end of World War II. As the world's predominant political, economic, and military power, the United States faces a particularly significant challenge in responding to China's rising power and influence, especially in Asia. Offering a fresh perspective on current and future U.S. policy toward China, Michael Swaine examines the basic interests and beliefs behind U.S.-China relations, recent U.S. and Chinese policy practices in seven key areas, and future trends most likely to affect U.S. policy. American leaders, he concludes, must reexamine certain basic assumptions and approaches regarding America's position in the Western Pacific, integrate China policy more effectively into a broader Asian strategy, and recalibrate the U.S. balance between cooperative engagement and deterrence toward Beijing.

CRITICAL THINKING FOR STRATEGIC INTELLIGENCE

CQ Press Accomplished instructors and intelligence practitioners Beebe and Pherson have created a set of twelve robust, class-tested cases on events in foreign intelligence, counterintelligence, terrorism, homeland security, law enforcement, and decision-making support. The case studies are designed to give analysts-in-training a hands-on opportunity to apply structured analytic techniques to tackle real-life problems. Each case delivers a compelling narrative and a set of step-by-step instructions that make teaching and learning as effective and efficient as possible. Key Features: - Questions at the start of each case challenge the student to think critically and help the students bring the case into focus; - Carefully crafted narratives provide the right amount of detail to give a realistic sense of the complexity and challenges of the case; - Recommended readings at the end of each narrative allow room for further research - Sections entitled "Structured Analytic Techniques in Action" frame the analytic tasks and provide step-by-step instructions for applying three to five analytic techniques in a series of exercises for each case study; - Two hundred photos, maps, figures, tables, boxes, and technique templates support analysis and instruction; and - A matrix of the cases and techniques used in each cases augment the annotated table of contents and provide students and instructors an all-in-one view of the contents.

THE ROLE OF EXPERIMENTATION IN BUILDING FUTURE NAVAL FORCES

National Academies Press The Department of Defense is in the process of transforming the nation's armed forces to meet the military challenges of the 21st century. Currently, the opportunity exists to carry out experiments at individual and joint service levels to facilitate this transformation. Experimentation, which involves a spectrum of activities including analyses, war games, modeling and simulation, small focused experiments, and large field events among other things, provides the means to enhance naval and joint force development. To assist the Navy in this effort, the Chief of Naval Operations (CNO) asked the National Research Council (NRC) to conduct a study to examine the role of experimentation in building future naval forces to operate in the joint environment. The NRC formed the Committee for the Role of Experimentation in Building Future Naval Forces to perform the study.

THE RISE OF THE INDIAN NAVY

INTERNAL VULNERABILITIES, EXTERNAL CHALLENGES

Routledge The Indian Navy has gradually emerged as an indispensable tool of Indian diplomacy in recent years, making it imperative for Indian policy-makers and naval thinkers to think anew the role of the nation's naval forces in Indian strategy. There is a long tradition in India of viewing the maritime dimension of security as central to the nation's strategic priorities. With India's economic rise, India is trying to bring that focus back, making its navy integral to national grand strategy. This volume is the first full-length examination of the myriad issues that have emerged out of the recent rise of Indian naval power.

OWNING THE TECHNICAL BASELINE FOR ACQUISITION PROGRAMS IN THE U.S. AIR FORCE

National Academies Press While there are examples of successful weapon systems acquisition programs within the U.S. Air Force (USAF), many of the programs are still incurring cost growth, schedule delays, and performance problems. The USAF now faces serious challenges in acquiring and maintaining its weapons systems as it strives to maintain its current programs; add new capabilities to counter evolving threats; and reduce its overall program expenditures. Owning the technical baseline is a critical component of the Air Force's ability to regain and maintain acquisition excellence. Owning the technical baseline allows the government acquisition team to manage and respond knowledgeably and effectively to systems development, operations, and execution, thereby avoiding technical and other programmatic barriers to mission success. Additionally, owning the technical baseline ensures that government personnel understand the user requirements, why a particular design and its various features have been selected over competing designs, and what the options are to pursue alternative paths to the final product given unanticipated cost, schedule, and performance challenges. Owning the Technical Baseline for Acquisition Programs in the U.S. Air Force discusses the strategic value to the Air Force of owning the technical baseline and the risk of not owning it and highlights key aspects of how agencies other than the Air Force own the technical baseline for their acquisition programs. This report identifies specific barriers to owning the technical baseline for the Air Force and makes recommendations to help guide the Air Force in overcoming those barriers.

NAVAL FORCES' DEFENSE CAPABILITIES AGAINST CHEMICAL AND BIOLOGICAL WARFARE THREATS

National Academies Press U.S. naval forces must be prepared to respond to a broad array of threats. Of increasing importance are those from chemical and biological warfare (CW and BW). To help review its current state of preparedness, the Chief of Naval Operations asked the National Research Council (NRC) to assess the U.S. Navy's defense capabilities against CW and BW threats. In particular to what extent are they being developed to enable naval forces to sense and analyze quickly the presence of chemical and biological agents, withstand or avoid exposure to such agents, deal with contamination under a broad spectrum of operational conditions, and over what period will these capabilities be realized. This report presents the results of that assessment. It provides an overview of the potential threats, and an evaluation of the Navy's operations, non-medical programs, and medical countermeasures designed to confront those threats. The report also presents a series of general and specific findings and recommendations based on these assessments.

CURRENT AFFAIRS MONTHLY CAPSULE JULY 2022 E-BOOK - FREE PDF!

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Testbook.com This Current Affairs Monthly Capsule July 2022 E-book will help you understand in detail exam-related important news including National & International Affairs, Defence, Sports, Person in News, MoU & Agreements, S&T, Awards & Honours, Books, etc.

MANPOWER AND PERSONNEL NEEDS FOR A TRANSFORMED NAVAL FORCE

National Academies Press The Department of Defense (DOD) is committed to transforming the nation's armed forces to meet the military challenges of the future. One approach to achieving this transformation is by leveraging advances in science and technology. New technologies and innovations are integral to today's military actions, and associated changes have rippled through all aspects of operations, highlighting the need for changes in policies related to military personnel. At the request of the Force Chief of Naval Operations, the NRC reviewed the military manpower and personnel policies and studies currently underway in the DOD and developed an implementation strategy for the Department of the Navy's future military manpower and personnel needs. This book presents an introduction to current personnel policies of and concerns facing the Naval forces; an assessment of demographic, technological, and other forces affecting future personnel needs and availability; a summary and assessment of previous studies; an examination of the role of research tools in implementing personnel policy change; and an analysis of obstacles to and strategies for transforming the Naval forces.

PORTABLE SPECTROSCOPY AND SPECTROMETRY, APPLICATIONS

John Wiley & Sons The most comprehensive resource available on the many applications of portable spectrometers, including material not found in any other published work *Portable Spectroscopy and Spectrometry: Volume Two* is an authoritative and up-to-date compendium of the diverse applications for portable spectrometers across numerous disciplines. Whereas *Volume One* focuses on the specific technologies of the portable spectrometers themselves, *Volume Two* explores the use of portable instruments in wide range of fields, including pharmaceutical development, clinical research, food analysis, forensic science, geology, astrobiology, cultural heritage and archaeology. *Volume Two* features contributions by a multidisciplinary team of experts with hands-on experience using portable instruments in their respective areas of expertise. Organized both by instrumentation type and by scientific or technical discipline, 21 detailed chapters cover various applications of portable ion mobility spectrometry (IMS), infrared and near-infrared (NIR) spectroscopy, Raman and x-ray fluorescence (XRF) spectroscopy, smartphone spectroscopy, and many others. Filling a significant gap in literature on the subject, the second volume of *Portable Spectroscopy and Spectrometry: Features* a significant amount of content published for the first time, or not available in existing literature Brings together work by authors with assorted backgrounds and fields of study Discusses the central role of applications in portable instrument development Covers the algorithms, calibrations, and libraries that are of critical importance to successful applications of portable instruments Includes chapters on portable spectroscopy applications in areas such as the military, agriculture and feed, hazardous materials (HazMat), art conservation, and environmental science *Portable Spectroscopy and Spectrometry: Volume Two* is an indispensable resource for developers of portable instruments in universities, research institutes, instrument companies, civilian and government purchasers, trainers, operators of portable instruments, and educators and students in portable spectroscopy courses.

CURRENT AFFAIRS YEARLY REVIEW 2021 E-BOOK - DOWNLOAD FREE PDF!

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ROUTLEDGE HANDBOOK OF MARITIME SECURITY

Taylor & Francis This handbook offers a critical and substantial analysis of maritime security and documents the most pressing strategic, economic, socio-cultural and legal questions surrounding it. Written by leading international experts, this comprehensive volume presents a wide variety of theoretical positions on maritime security, detailing its achievements and outlining outstanding issues faced by those in the field. The book includes studies which cover the entire spectrum of activity along which maritime security is developing, including, piracy, cyber security, energy security, terrorism, narco-sub and illegal fishing. Demonstrating the transformative character and potential of the topic, the book is divided into two parts. The first part exhibits a range of perspectives and new approaches to maritime security, and the second explores emerging developments in the practice of security at sea, as well as regional studies written by local maritime security experts. Taken together, these contributions provide a compelling account of the evolving maritime security environment, casting fresh light on theoretical and empirical aspects. The book will be of much interest to practitioners and students of maritime security, naval studies, security studies, maritime history, and International Relations in general.

INFORMATION ASSURANCE FOR NETWORK-CENTRIC NAVAL FORCES

National Academies Press Owing to the expansion of network-centric operating concepts across the Department of Defense (DOD) and the growing threat to information and cybersecurity from lone actors, groups of like-minded actors, nation-states, and malicious insiders, information assurance is an area of significant and growing importance and concern. Because of the forward positioning of both the Navy's afloat and the Marine Corps expeditionary forces, IA issues for naval forces are exacerbated, and are tightly linked to operational success. Broad-based IA success is viewed by the NRC's Committee on Information Assurance for Network-Centric Naval Forces as providing a central underpinning to the DOD's network-centric operational concept and the Department of the Navy's (DON's) FORCENet operational vision. Accordingly, this report provides a view and analysis of information assurance in the context of naval 'mission assurance'.

EURASIA'S MARITIME RISE AND GLOBAL SECURITY

FROM THE INDIAN OCEAN TO PACIFIC ASIA AND THE ARCTIC

Springer This book explores Eurasia's growing embrace of its maritime geography from the Indian Ocean to Pacific Asia and the Arctic. In an age of climate change, the melting of the Arctic will transform Eurasia's importance, in addition to influencing the political, economic, and military dynamics across Eurasia's main maritime regions. These emerging shifts have already begun to alter maritime trade and investment patterns, and thus the global political economy. It also creates a rising threat to the current status quo of world order that has long been dominated by the Atlantic World. This edited volume showcases some of the world's leading experts and examines Eurasia from a saltwater perspective, analyzing its main maritime spaces in a threefold manner—as avenue, as arena, as source—to show the significance of this geostrategic change and why it matters for the future of the world's oceans.

NATIONAL SECURITY IMPLICATIONS OF CLIMATE CHANGE FOR U.S. NAVAL FORCES

National Academies Press In response to the Chief of Naval Operations (CNO), the National Research Council appointed a committee operating under the auspices of the Naval Studies Board to study the national security implications of climate change for U.S. naval forces. In conducting this study, the committee found that even the most moderate current trends in climate, if continued, will present new national security challenges for the U.S. Navy, Marine Corps, and Coast Guard. While the timing, degree, and consequences of future climate change impacts remain uncertain, many changes are already underway in regions around the world, such as in the Arctic, and call for action by U.S. naval leadership in response. The terms of reference (TOR) directed that the study be based on Intergovernmental Panel on Climate Change (IPCC) scenarios and other peer-reviewed assessment. Therefore, the committee did not address the science of climate change or challenge the scenarios on which the committee's findings and recommendations are based. *National Security Implications of Climate Change for U.S. Naval Forces* addresses both the near- and long-term implications for U.S. naval forces in each of the four areas of the TOR, and provides corresponding findings and recommendations. This report and its conclusions are organized around six discussion areas—all presented within the context of a changing climate.

REVIEW OF MARITIME TRANSPORT 2020

This series contains the decisions of the Court in both the English and French texts.

CHINA'S NAVAL POWER

AN OFFENSIVE REALIST APPROACH

Ashgate Publishing, Ltd. The rapid modernization of the Chinese Navy is a well-documented reality of the post-Cold War world. In two decades, the People's Liberation Army Navy has evolved from a backward force composed of obsolete platforms into a reasonably modern fleet whose growth is significantly shaking the naval balance in East Asia. The rationale behind China's contemporary rise at sea remains, however, difficult to grasp and few people have tried to see how the current structure of the international system has shaped Chinese choices. This book makes sense of Chinese priorities in its naval modernization in a 'robust' offensive realist framework. Drawing on Barry Posen's works on sources of military doctrine, it argues that the orientation of Beijing's choices concerning its naval forces can essentially be explained by China's position as a potential regional hegemon. Yves-Heng Lim highlights how a rising state develops naval power to fulfil its security objectives, a theoretical perspective that goes farther than the sole Chinese case.

FIGHTING ELITES

A HISTORY OF U.S. SPECIAL FORCES

ABC-CLIO • Initial chapters provide an overview of all American special purpose units • A bibliography points to additional reading and sources of information • 50 illustrations of famous leaders, uniforms, and troops in the field • A highly detailed chronology of all known special forces activities

MARITIME DIPLOMACY IN THE 21ST CENTURY

DRIVERS AND CHALLENGES

Routledge This book aims to redefine maritime diplomacy for the modern era. Maritime diplomacy encompasses a spectrum of activities, from co-operative measures such as port visits, exercises and humanitarian assistance to persuasive deployment and coercion. It is an activity no longer confined to just navies, but in the modern era is pursued by coast guards, civilian vessels and non-state groups. As states such as China and India develop, they are increasingly using this most flexible form of soft and hard power. "Maritime Diplomacy in the 21st Century" describes and analyses the concept of maritime diplomacy, which has been largely neglected in academic literature. The use of such diplomacy can be interesting not just for the parochial effects of any activity, but because any event can reflect changes in the international order, while acting as an excellent gauge for the existence and severity of international tension. Further, maritime diplomacy can act as a valve through which any tension can be released without resort to conflict. Written in an accessible but authoritative style, this book describes the continued use of coercion outside of war by navies, while also situating it more clearly within the various roles and effects that maritime forces have in peacetime. This book will be of much interest to students of seapower, naval history, strategic studies, diplomacy and international relations."

REPORT TO CONGRESS OF THE U.S.-CHINA ECONOMIC AND SECURITY REVIEW COMMISSION

JOINT FORCE QUARTERLY

JFQ.

DEPARTMENT OF DEFENSE DICTIONARY OF MILITARY AND ASSOCIATED TERMS

USS ENTERPRISE (CVN-65)

THE FIRST NUCLEAR POWERED AIRCRAFT CARRIER

McFarland This is the thrilling story of USS Enterprise (CVN-65), the world's first nuclear-powered aircraft carrier. Her story spans 51 years (1961-2012) of active service from the brink of nuclear war during the Cuban Missile Crisis to the first global cruise by nuclear-powered ships, to the first strikes during the Vietnam War, battles against the Iranians and Iraqis in the 1980s and 1990s, a pivotal role during 9/11 and the Global War on Terrorism, and hunting pirates off the Horn of Africa. More than just an operational history of Enterprise, this book recounts the experiences of the men and women who served on board--the pilots who flew from the flight deck, the men who fought to save the ship during a fire in 1969, the sailors who brought retribution against Al-Qaeda terrorists--with detailed descriptions of sorties through flak-filled skies and harrowing escapes from capture behind enemy lines. This book is dedicated to the men and women who have served on board Big E, and to those who paid the ultimate price for freedom.

HOW WE FIGHT

HANDBOOK FOR THE NAVAL WARFIGHTER

Government Printing Office Recommended for Chief of Naval Operations Navy Reading Program How We Fight is a concise, single volume that explains the basic, unique, and enduring attributes associated with being a Sailor, going to sea, and conducting war at sea. It highlights the fundamentals of the environment in which the Navy operates, our uniquely maritime characteristics, our history in this domain, and the way of Navy warfighting. This book should serve as a companion piece to other sources of literature enabling Sailors to understand the essence of being "a Sailor" as they develop their skills as sea going professionals. Navy Officer Candidate School students, Navy prep school students, U.S. Naval Academy students, and others interested in the US Navy and their Sailor preparation may enjoy this resource. Military collections at public, academic, and Naval training schools should have a copy of this volume available for their patrons.

POWER AND THE MARITIME DOMAIN

A GLOBAL DIALOGUE

Taylor & Francis This book offers a multi-disciplinary and multi-national approach to defining key elements required to define power within the maritime domain. The volume engages with the concept that the maritime domain is a multi-dimensional space embracing oceans, seas, waterways, including all elements of maritime power, related activities, infrastructure, resources and assets. It illustrates the complexity and interconnectivity of the factors that contribute to the appreciation, creation, and application of maritime power. In practical terms, the book highlights that the maritime domain is a continuum that interconnects countries, cultures, politics, economics, trade, environment, knowledge, and technological power globally. Perhaps most importantly, the maritime domain generates power of its own volition, as well as acting as a critical enabler for the creation of other types of nations power: economic, political, military, technological, intelligence and fiscal power, in particular. The book not only brings those various factors to the reader's attention but, in the synthesis, also clarifies the connections between the various elements in creating a greater maritime whole. This book will be of great interest to students of maritime security, strategic studies and International Relations.

AVERTING CRISIS: AMERICAN STRATEGY, MILITARY SPENDING AND COLLECTIVE DEFENCE IN THE INDO-PACIFIC

United States Studies Centre at the University of Sydney America no longer enjoys military primacy in the Indo-Pacific and its capacity to uphold a favourable balance of power is increasingly uncertain. The combined effect of ongoing wars in the Middle East, budget austerity, underinvestment in advanced military capabilities and the scale of America's liberal order-building agenda has left the US armed forces ill-prepared for great power competition in the Indo-Pacific. America's 2018 National Defense Strategy aims to address this crisis of strategic insolvency by tasking the Joint Force to prepare for one great power war, rather than multiple smaller conflicts, and urging the military to prioritise requirements for deterrence vis-à-vis China. Chinese counter-intervention systems have undermined America's ability to project power into the Indo-Pacific, raising the risk that China could use limited force to achieve a fait accompli victory before America can respond; and challenging US security guarantees in the process. For America, denying this kind of aggression places a premium on advanced military assets, enhanced posture arrangements, new operational concepts and other costly changes. While the Pentagon is trying to focus on these challenges, an outdated superpower mindset in the foreign policy establishment is likely to limit Washington's ability to scale back other global commitments or make the strategic trade-offs required to succeed in the Indo-Pacific. Over the next decade, the US defence budget is unlikely to meet the needs of the National Defense Strategy owing to a combination of political, fiscal and internal pressures. The US defence budget has been subjected to nearly a decade of delayed and unpredictable funding. Repeated failures by Congress to pass regular and sustained budgets has hindered the Pentagon's ability to effectively allocate resources and plan over the long term. Growing partisanship and ideological polarisation — within and between both major parties in Congress — will make consensus on federal spending priorities hard to achieve. Lawmakers are likely to continue reaching political compromises over America's national defence at the expense of its strategic objectives. America faces growing deficits and rising levels of public debt; and political action to rectify these challenges has so far been sluggish. If current trends persist, a shrinking portion of the federal budget will be available for defence, constraining budget top lines into the future. Above-inflation growth in key accounts within the defence budget — such as operations and maintenance — will leave the Pentagon with fewer resources to grow the military and acquire new weapons systems. Every year it becomes more expensive to maintain the same sized military. America has an atrophying force that is not sufficiently ready, equipped or postured for great power competition in the Indo-Pacific — a challenge it is working hard to address. Twenty years of near-continuous combat and budget instability has eroded the readiness of key elements in the US Air Force, Navy, Army and Marine Corps. Military accidents have risen, aging equipment is being used beyond its lifespan and training has been cut. Some readiness levels across the Joint Force are improving, but structural challenges remain. Military platforms built in the 1980s are becoming harder and more costly to maintain; while many systems designed for great power conflict were curtailed in the 2000s to make way for the force requirements of Middle Eastern wars — leading to stretched capacity and overuse. The military is beginning to field and experiment with next-generation capabilities. But the deferment or cancellation of new weapons programs over the last few decades has created a backlog of simultaneous modernisation priorities that will likely outstrip budget capacity. Many US and allied operating bases in the Indo-Pacific are exposed to possible Chinese missile attack and lack hardened infrastructure. Forward deployed munitions and supplies are not set to wartime requirements and, concerningly, America's logistics capability has steeply declined. New operational concepts and novel capabilities are being tested in the Indo-Pacific with an eye towards denying and blunting Chinese aggression. Some services, like the Marine Corps, plan extensive reforms away from counterinsurgency and towards sea control and denial. A strategy of collective defence is fast becoming necessary as a way of offsetting shortfalls in America's regional military power and holding the line against rising Chinese strength. To advance this approach, Australia should: Pursue capability aggregation and collective deterrence with capable regional allies and partners, including the United States and Japan. Reform US-Australia alliance coordination mechanisms to focus on strengthening regional deterrence objectives. Rebalance Australian defence resources from the Middle East to the Indo-Pacific. Establish new, and expand existing, high-end military exercises with allies and partners to develop and demonstrate new operational concepts for Indo-Pacific contingencies. Acquire robust land-based strike and denial capabilities. Improve regional posture, infrastructure and networked logistics, including in northern Australia. Increase stockpiles and create sovereign capabilities in the storage and production of precision munitions, fuel and other materiel necessary for sustained high-end conflict. Establish an Indo-Pacific Security Workshop to drive US-allied joint operational concept development. Advance joint experimental research and development projects aimed at improving the cost-capability curve.

THE DECLINE OF EUROPEAN NAVAL FORCES

CHALLENGES TO SEA POWER IN AN AGE OF FISCAL AUSTERITY AND POLITICAL UNCERTAINTY

Naval Institute Press The Decline of European Naval Forces aims to provide insight into the evolution of Europe's naval forces since the end of the Cold War. To illuminate the drastic changes many European navies have undergone over the last twenty-five years, Jeremy Stöhs analyzes the defense policies and naval strategies of eleven European states as well as the evolution, deployment, and capabilities of their respective naval forces. In these case studies, the development of Europe's most important naval forces is assessed per the respective strategic framework in which they have operated over the past two decades. Stöhs describes not only the general composition of each force but also the range of their capabilities and their important technical features. His study shows that since the end of the Cold War, all but a few European navies have significantly decreased in size and, thus, have ceded important capabilities along the way. Based on the understanding of sea power as a prerequisite for political influence and economic health, the consequences of the geopolitical shift toward the Asian-Pacific region, and most importantly the general decline of Europe's traditional naval capabilities, the author concludes that the ability of European states to influence events near and abroad by means of their naval forces has atrophied and will continue to be called into question in the future

THE HANDBOOK OF EUROPEAN DEFENCE POLICIES AND ARMED FORCES

Oxford University Press This volume provides the first geographically and thematically comprehensive study of the evolution and current state of the national security and defence policies, strategies, doctrines, capabilities, and military operations, as well as the alliances and security partnerships, of European armed forces.

MARITIME SECURITY IN EAST AND SOUTHEAST ASIA

POLITICAL CHALLENGES IN ASIAN WATERS

Springer This volume investigates the nature of threats facing, or perceived as facing, some of the key players involved in Asian maritime politics. The articles in this collection present case studies on Malaysia, Singapore, the Philippines, Thailand, Japan, China, and Southeast Asia as a whole and focus on domestic definitions of threats and conceptualisations of security. These studies map the differing understandings of danger in this region and explore how contending narratives of "threats" and "security" affect the national maritime security policy deliberations within the countries of this region. Those interested in maritime security and management in Asia will find this collection an invaluable addition to the literature on this topic.
