

The Illustrated Encyclopedia Of Destroyers Frigates Submarines A History Of Destroyers Frigates And Underwater Vessels From Around The World Of Over 380 Warships And Submarines

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The World Encyclopedia of Destroyers, Frigates & Submarines - Bernard Ireland 2017-11

This expertly researched volume focuses on the history of destroyers, frigates and submarines. Country-by-country directories cover the key chronological stages of each vessel, including full technical information and specification details such as origin, length, displacement, speed, armament, propulsion and complement. Illustrated with over 1300 historical and modern photographs showing naval vessels in action, this authoritative volume provides both enthusiasts and historians with up-to-date information about the world's destroyers, frigates and submarines, and is an essential reference guide for everyone interested in naval

history.

The Illustrated Encyclopedia of Battleships & Cruisers - Peter Hore 2013-10-29

Looks at the history of battleships and cruisers, with descriptions of more than four hundred ships, covering their construction and function.

Illustrated Science Encyclopedia - Peter Harrison 2003

A Journey of discovery that explores how humans have developed ways of traveling on the sea, on land and in the air.

Reference Books - Eleanor F. Ballou 1968

The Illustrated Encyclopedia of the World's Rockets & Missiles - Bill Gunston 1979

Jane's Battleships of the 20th Century - Bernard

Ireland 1996

Covers battleships from the turn of the century to the Persian Gulf War, with over one hundred ship profiles and complete technical specifications

The illustrated science encyclopedia - Peter Harrison 2003

Long Night of the Tankers - David J. Bercuson
2014-02-07

Long Night of the Tankers is the story of the German effort to cut the Caribbean off from Britain, the United States and Canada and the desperate defence mounted by the Allies, along with a half dozen other Caribbean and South American nations. The loss of the oil threatened Britain's ability to wage war; the loss of the tankers almost strangled the oil supply to America's industrial north east. When even Churchill and Roosevelt began to worry about the vulnerable Caribbean, the US and its allies poured thousands of men, hundreds of aircraft

and dozens of ships into the Caribbean region, organized an effective convoy system and rallied the Central and South American nations against the Germans. By mid 1944, the Caribbean had become an Allied lake and the submarine threat was defeated. But to this day, the old timers of the islands still remember the oil-soaked beaches, the explosions in the night and the bodies of dead sailors washed ashore that marked this dramatic chapter in the Second World War.

The World Encyclopedia of Aircraft Carriers and Naval Aircraft - Bernard Ireland
2015-10-31

This meticulously researched and illustrated book focuses on the evolution of aircraft carriers and naval aircraft. It features chronological histories and comprehensive directories of the world's most important aviation ships and aircraft, including the first ships to launch primitive aircraft; biplanes that were catapulted from converted destroyers; modern warships

capable of carrying jets and helicopters; and state-of-the-art jets that are unique for their vertical take-off ability. With more than 1100 magnificent photographs, this book provides historians and enthusiasts with key information about the world's greatest aircraft carriers and naval aircraft.

Aerospace power in the twenty-first century a basic primer -

The U.S.-China Military Scorecard - Eric Heginbotham 2015-09-14

A RAND study analyzed Chinese and U.S. military capabilities in two scenarios (Taiwan and the Spratly Islands) from 1996 to 2017, finding that trends in most, but not all, areas run strongly against the United States. While U.S. aggregate power remains greater than China's, distance and geography affect outcomes. China is capable of challenging U.S. military dominance on its immediate periphery—and its reach is likely to grow in the years ahead.

Visual Encyclopedia of Ships - David Ross 2013-04

Presents an illustrated guide to more than one thousand civilian and military ships, from ancient times to the present day.

High Seas Buffer - Bruce A. Elleman 2012
it ensured that friction over the Taiwan Strait did not escalate into a full-blown war. In fact, the Taiwan Patrol Force did its job so well that virtually nothing has been written about it. U.S. Navy ships acted both as a buffer between the two antagonists and as a trip wire in case of aggression. The force fulfilled the latter function twice in the 1950s -- during the first (1954-55) and second (1958) Taiwan Strait crises --

The Illustrated Encyclopedia of Helicopters - Michael John Haddrick Taylor 1984

A history of the helicopter discusses its diverse combat and transport uses and includes technical data and performance information

The Illustrated Encyclopedia of 20th Century Weapons and Warfare - Bernard

Fitzsimons 1971

The Illustrated Encyclopedia of Technology -
Bookthrift Editors 1984

Marine Mammals and Noise - W. John
Richardson 2013-10-22

Many marine mammals communicate by emitting sounds that pass through water. Such sounds can be received across great distances and can influence the behavior of these undersea creatures. In the past few decades, the oceans have become increasingly noisy, as underwater sounds from propellers, sonars, and other human activities make it difficult for marine mammals to communicate. This book discusses, among many other topics, just how well marine mammals hear, how noisy the oceans have become, and what effects these new sounds have on marine mammals. The baseline of ambient noise, the sounds produced by machines and mammals, the sensitivity of

marine mammal hearing, and the reactions of marine mammals are also examined. An essential addition to any marine biologist's library, *Marine Mammals and Noise* will be especially appealing to marine mammalogists, researchers, policy makers and regulators, and marine biologists and oceanographers using sound in their research.

British Aircraft Carriers - David Hobbs
2014-09-30

This book is a meticulously detailed history of British aircraft-carrying ships from the earliest experimental vessels to the Queen Elizabeth class, currently under construction and the largest ships ever built for the Royal Navy. Individual chapters cover the design and construction of each class, with full technical details, and there are extensive summaries of every ship's career. Apart from the obvious large-deck carriers, the book also includes seaplane carriers, escort carriers and MAC ships, the maintenance ships built on carrier

hulls, unbuilt projects, and the modern LPH. It concludes with a look at the future of naval aviation, while numerous appendices summarise related subjects like naval aircraft, recognition markings and the circumstances surrounding the loss of every British carrier. As befits such an important reference work, it is heavily illustrated with a magnificent gallery of photos and plans, including the first publication of original plans in full colour, one on a magnificent gatefold. Written by the leading historian of British carrier aviation, himself a retired Fleet Air Arm pilot, it displays the authority of a lifetime's research combined with a practical understanding of the issues surrounding the design and operation of aircraft carriers. As such British Aircraft Carriers is certain to become the standard work on the subject.

Vikings - Martin J Dougherty 2014-02-01

“From the fury of the Northmen, good Lord deliver us.” - Anonymous monk, Noirmoutier, France, 9th century AD Beginning in 789AD, the

Vikings raided monasteries, sacked cities and invaded western Europe. They looted and enslaved their enemies. But that is only part of their story. In long boats they discovered Iceland and America (both by accident) and also sailed up the Seine to Paris (which they sacked). They settled from Newfoundland to Russia, founded Dublin and fought battles as far afield as the Caspian Sea. A thousand years after their demise, traces of the Vikings remain all the way from North America to Istanbul. They traded walrus with Inuits, brought Russian furs to Western Europe and took European slaves to Constantinople. Their graves contain Arab silver, Byzantine silks and Frankish weapons. In this accessible book, the whole narrative of the Viking story is examined from the eighth to the eleventh centuries. Arranged thematically, Vikings: A History of the Norse People examines the Norsemen from exploration to religion to trade to settlement to weaponry to kingdoms to their demise and legacy. But today questions

remain: what prompted the first Viking raids? What stopped their expansion? And how much of the tales of murder, rape and pillage is myth? Illustrated with more than 200 photographs, maps and artworks, Vikings: A History of the Norse People is an expertly written account of a people who have long captured the popular imagination.

The World Encyclopedia of Submarines, Destroyers & Frigates - Bernard Ireland
2012-01

Chronicles the development of three navy vessels, and offers entries for specific vehicles that include each one's size, power, speed, country of origin, and weaponry.

The Tools of Owatatsumi - Desmond Ball
2015-01-21

Japan is quintessentially by geography a maritime country. Maritime surveillance capabilities - underwater, shore-based and airborne - are critical to its national defence posture. This book describes and assesses these

capabilities, with particular respect to the underwater segment, about which there is little strategic analysis in publicly available literature. Since the end of the Cold War, Chinese oceanographic and navy vessels have intruded into Japanese waters with increasing frequency, not counting their activities in disputed waters such as around the Senkaku (Diaoyu) Islands and Okinotorishima where China and Japan have overlapping territorial claims. These intrusions have increasingly involved warships, including submarines, sometimes acting quite aggressively. Japan maintains an extraordinary network of undersea hydrophone arrays, connected to shore-stations which are typically equipped with electronic intelligence (ELINT) systems, for monitoring, identifying and tracking submarine and surface traffic in its internal straits and surrounding seas. Some parts of this network are operated jointly with, and are of crucial importance to, the US Navy. Japan's superlative submarine detection capabilities

would be of decisive advantage in any submarine engagement. But the relevant facilities are relatively vulnerable, which makes them very lucrative targets in any conflict. This introduces compelling escalatory dynamics, including the involvement of US forces and possible employment of nuclear options.

The Naval Academy Illustrated History of the United States Navy - Elmer Belmont Potter 1971
Abundantly illustrated text highlights United States naval operations both in peacetime and in war since 1775.

the submarine in war and peace - simon lake
1918

World Ency Of Battleships - Bookmart Limited
2007

The Fall of Toulon - Bernard Ireland 2014-03-20
The tragic story of the last Royalist attempt to overthrow the French revolution In the summer of 1793 French Royalists surrendered the great

naval base at Toulon to the British, intending this to be the springboard for a full-scale counter-revolution. A multi-national taskforce led by the British, and including Spanish, Austrian and Italian forces, landed in the city. But the Royalists' hopes were dashed: the Revolutionaries reacted with great speed and violence. Instead of striking into France, the Royalists and their foreign allies were besieged in Toulon. Among the Republican forces was a young artillery officer who soon made a name for himself: Napoleon Bonaparte. The stage was set for tragedy. Bernard Ireland's popular and accessible account of the fall of Toulon brings to life a savage episode in European history.

Dictionary of American Naval Fighting Ships - United States. Naval History Division
1964

An Illustrated Encyclopedia of Battleships from 1860 to the First World War - Peter Hore 2012
Examines the origins and evolution of the early

battleships, providing accounts of the operations in which these vessels played a crucial role, the commanders in charge, and the people instrumental in their design.

Cadillac of Destroyers - Ron Barrie 1996

HMCS St. Laurent was the Navy's first postwar antisubmarine vessel, designed and built entirely in Canada, commissioned in 1955. Classed as a destroyer escort, she was the most advanced of her kind, and caused a considerable stir in world naval circles. She was the first of twenty very similar ships whose sleek lines quickly earned them the nickname "Cadillacs." These ships were followed in the 1970s by the different looking Iroquois class of destroyer-helicopter carriers, and since 1992 by the ultramodern City class patrol frigates. The development and careers of each of these classes of ships is illustrated, with before and after photographs of the many whose appearance has been altered by rebuilding.

[The Illustrated Encyclopedia of Aircraft Carriers and Naval Aircraft](#) - Bernard Ireland 2014-02-21

An illustrated history of aircraft carriers and the naval aircraft that launch from them, from the first airships and zeppelins to today's modern warships and jets.

The World Encyclopedia of Submarines -

John Parker 2007-01

Presents a country-by-country guide to submarines throughout history.

Modern Warships - Kit Bonner, Carolyn Bonner
Since World War II, the nature of sea battles, and of warships, has changed dramatically, reflecting profound changes in the world at large. This book offers a close-up look at what these changes entail, and how they have come into play in regional conflicts in Southeast Asia, in escalating naval hostilities between the Soviet Bloc and the West, and in skirmishes and major engagements in our day. Here are the warships of the Korean conflict, and the larger Cold War that paralyzed much of the world for forty-six years; here are the vertical takeoff and landing aircraft, which, coupled with the new, smaller

aircraft carrier, allowed for a nimbler, more flexible force that could respond to the political brushfires of recent years; and here is the aircraft carrier of the twenty-first century, a military city on the sea. With detailed pictures and text, *Modern Warships* tracks the role of warships in a world of increasingly littoral naval conflict, where small nations can possess increasingly advanced technology and super-power dominance has declined. An invaluable resource for the military and naval historian, with many images appearing for the first time, the book offers a unique vantage point on today's maritime affairs.

How Things Work - 2005

Find out about the technological breakthroughs and brilliant inventions that have shaped the modern world. Investigate the science behind everyday life - from cameras and computers to communication and transportation.

[The Encyclopedia of World Sea Power](#) - Tony Cullen 1988

Shows and describes the capabilities of submarines, aircraft carriers, cruisers, destroyers, frigates, patrol craft, hovercraft, missiles, anti-aircraft weapons, and underwater weapon systems currently used by the world's navies

World War II at Sea: An Encyclopedia [2 volumes] - Spencer C. Tucker 2011-11-10

The war at sea was a key aspect of World War II, one that is too-often under-studied. This comprehensive encyclopedia shares current understandings of the struggle to control the seas during that conflict—and it opens our eyes to the reasons sea power continues to be of critical importance today. • More than 450 A-Z entries • A comprehensive chronology • Numerous illustrations of individuals, weapons, and battles • Maps • A glossary of naval terms • A comprehensive bibliography, plus cross-references and suggestions for further reading at the end of each entry

The World's Most Powerful Submarines - David

Ross 2016-12-15

The World's Most Powerful Submarines features 52 of the most significant submarines built, from the German U-9 through the USS Ray and huge Japanese I-400 class of World War II, to the great nuclear-powered submarines of the Cold War. Also included are the latest attack and ballistic missile submarines. Each entry includes a brief description of the submarine's development and history, a color profile view or cutaway, key features, and specifications. Packed with more than 200 artworks and photographs, The World's Most Powerful Submarines is a colorful guide for the military and naval history enthusiasts.

Destroyers, Frigates and Corvettes - Robert Jackson 2000

Jane's Naval Airpower - Bernard Ireland 2003

This title is an illustrated guide to the development of the aircraft as an instrument of naval power from its inception in the early 20th

century to the modern day. Naval warfare was transformed by airpower, but it was a hit and miss process. The Royal Navy pioneered the use of aircraft carriers during World War I, but famously lost Prince of Wales and Repulse to land based Japanese bombers in 1941. From the early days of airships and bi-planes, the carrier planes of the Pacific to the very latest in carrier based strike aircraft, and anti-submarine helicopters, Bernard Ireland reveals how airpower has revolutionized naval warfare. [Encyclopedia of Military Science](#) - G. Kurt Piehler 2013-07-24

The Encyclopedia of Military Science provides a comprehensive, ready-reference on the organization, traditions, training, purpose, and functions of today's military. Entries in this four-volume work include coverage of the duties, responsibilities, and authority of military personnel and an understanding of strategies and tactics of the modern military and how they interface with political, social, legal, economic,

and technological factors. A large component is devoted to issues of leadership, group dynamics, motivation, problem-solving, and decision making in the military context. Finally, this work also covers recent American military history since the end of the Cold War with a special emphasis on peacekeeping and peacemaking operations, the First Persian Gulf War, the events surrounding 9/11, and the wars in Afghanistan and Iraq and how the military has been changing in relation to these events.

World War II: The Definitive Encyclopedia and Document Collection [5 volumes] - Spencer C.

Tucker 2016-09-06

With more than 1,700 cross-referenced entries covering every aspect of World War II, the events and developments of the era, and myriad related subjects as well as a documents volume, this is the most comprehensive reference work available on the war. • Provides a clear understanding of the causes of World War II, reaching back to World War I and the role of the

Western democracies in its origin • Examines home front developments in major countries during the war, such as race and gender relations in the United States • Recognizes the important roles played by women in the war and describes how the United States mobilized its economy and citizenry for total war • Discusses the Holocaust and establishes responsibility for this genocide • Details the changing attitudes toward the war as expressed in film and literature

The Illustrated Encyclopedia of Destroyers, Frigates & Submarines - Bernard Ireland

2015-06-15

This expertly researched volume focuses on the history of destroyers, frigates and submarines. Country-by-country directories cover the key chronological stages of each vessel, including full technical information and specification details such as origin, length, displacement, speed, armament, propulsion and complement.