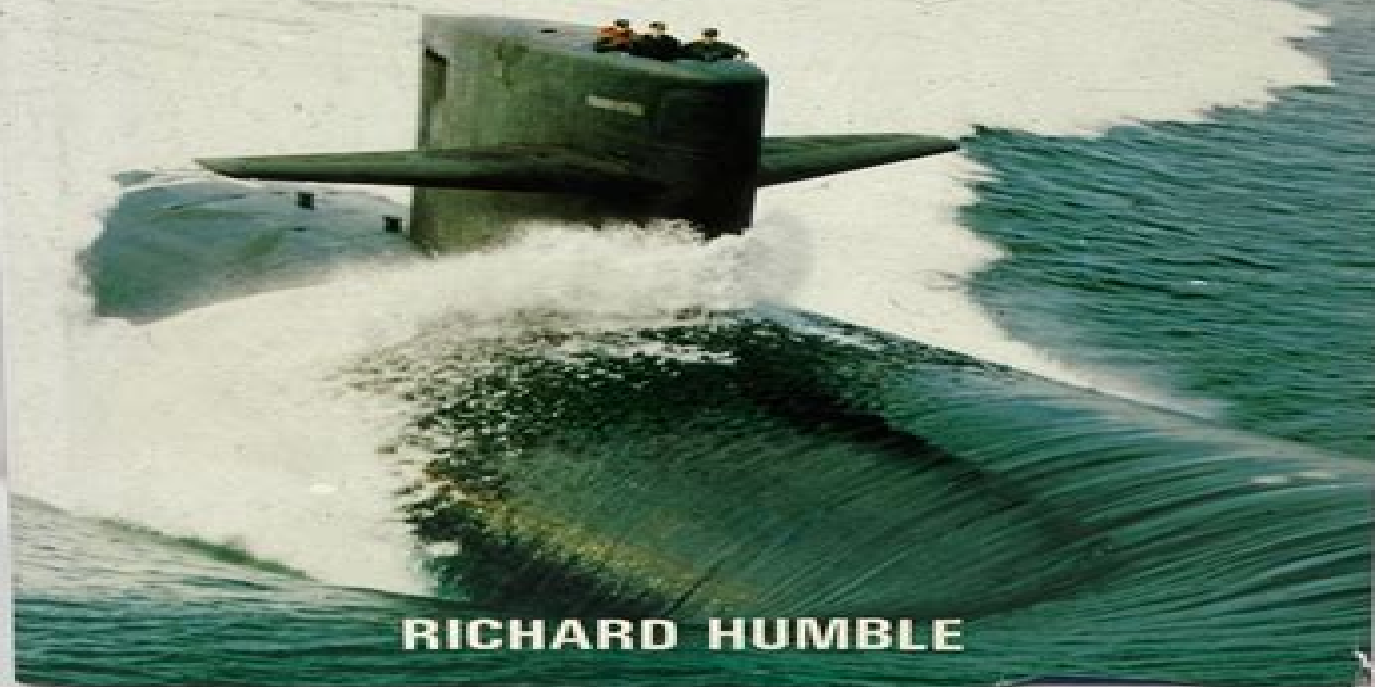


# **SUBMARINES**

**THE ILLUSTRATED HISTORY**



**RICHARD HUMBLE**

# Submarines The Illustrated History

**Spencer C. Tucker**



## **Submarines The Illustrated History:**

**Submarines** Paul E. Fontenoy, 2007-03-28 From the steam powered models introduced in World War I to today's nuclear powered multiweaponed technological wonders submarines have revolutionized warfare on the world's seas This volume follows the extraordinary development of this key component of the world's navies Submarines An Illustrated History of Their Impact reveals how underwater warships evolved to become major threats to battle fleets and merchant shipping as well as primary platforms for deterrent forces and crucial symbols of military power In a series of chronological chapters Submarines describes key developments in diving ability underwater endurance and weapons capabilities in specific periods while highlighting strategic and operational innovations the role of technological research famous submarine events battles and commanders and the impact of submarine services on naval society The book also includes an illustrated reference section covering every submarine class worldwide since 1900 This coverage plus additional reference features make Submarines an essential introduction to a weapons system that has long held the public's imagination [U.S. Submarines in World War II](#) Larry Kimmett, Margaret Regis, 1996 A comprehensive illustrated history of the U S submarine campaign in World War II Includes animated CD highlighting famous submarine patrols **Submarines**, 1988 **The Illustrated History of the Submarine** Edward Horton, 1974 *The World's Greatest Submarines* David Ross, 2016 Packed with more than 200 artworks and photographs The World's Greatest Submarines is a colourful guide for the military and naval history enthusiasts *Anti-submarine Warfare* David Owen, 2007 The author of more than twenty books on scientific and historical subjects David Owen presents an authoritative yet highly readable account of the ongoing battle between naval forces above and below the sea's surface Without question the submarine was the most potent purely naval weapon of the twentieth century yet the fact that it was usually defeated is an important part of the story described in this book With the support of nearly 200 illustrations the author examines both the successful innovations and the inevitable counter measures made by each side in their lethal struggle for supremacy Known for picking just the right incident to illustrate a point Owen fills his book with examples of individual heroism and devotion to duty along with accounts of the ingenuity originality of tactical thought and technological advances to provide a complete picture He shows clearly that development was not a straight line wrong ideas and assumptions sometimes led to defeat and disaster Concluding the book is a survey of recent ASW developments carried out by teams of scientists engineers commanders and crews of ASW aircraft ships and other submarines working together to defeat the current threat of hostile raiders who hide in the ocean depths [Submarine Warfare](#) Antony Preston, 1998 **The Oxford Illustrated History of the First World War** Hew Strachan, 2016 A team of some of the world's most distinguished First World War historians chart the causes course and profound political and human consequences of a conflict that changed the world *Scotts of Greenock - An Illustrated History* William Kane, Vincent P. Gillen, 2012-02-04 An Illustrated History of Scotts of Greenock Shipbuilders Engineers Founded 1711 Based on the

Tercentenary Exhibition held at the McLean Museum Art Gallery Greenock in 2011      Almanac of American Military History Spencer C. Tucker, 2012-11-21 This almanac provides a comprehensive chronological overview of all American military history serving as the standard reference work of its type Almanac of American Military History is yet another reference work from acclaimed historian Dr Spencer C Tucker and ABC CLIO offering an unprecedented resource for a wide range of students and researchers A comprehensive four volume title this almanac traces all of American military history from the European voyages of discovery through 2011 chronicling the pivotal moments that have shaped the United States into the country it is today In addition to documenting key events this title presents biographies of more than 250 key individuals and provides information on more than 250 historically significant technologies and weapons systems A detailed glossary is included as are discussions of ranks and military awards and decorations Divided into conflict periods each chapter includes a detailed chronology reference entry sidebars statistical information primary source documents and a bibliography      *The Illustrated History of Ships* Edward Lewis Cornwell, 1979      Weapons and Warfare Spencer C. Tucker, 2020-03-26 This work covers major weapons throughout human history beginning with clubs and maces through crossbows swords and gunpowder up to the hypersonic railgun lasers and robotic weapons under development today Weapons and Warfare is designed to provide students with a comprehensive and highly informative overview of weapons and their impact on the course of human history In addition to providing basic factual information this encyclopedia will delve into the greater historical context and significance of each weapon The chronological organization by time period will enable readers to fully understand the evolution of weapons throughout history The work begins with a foreword by a top scholar and a detailed introductory essay by the editor that provides an illuminating historical overview of weapons It then offers entries on more than 650 individual weapons systems Each entry has sources for further reading The weapons are presented alphabetically within six time periods ranging from the prehistoric and ancient periods to the contemporary period Each period has its own introduction that treats the major trends occurring in that era In addition 50 sidebars offer fascinating facts on various weapons Numerous illustrations throughout the text are also included      Fatal Dive Peter Stevens, 2012-07-30 Discusses how the family of Commander Jim Abele found the long lost USS Grunion a Naval submarine that disappeared in 1942      **God Save the Queen** US Army Military History Institute, Lawrence James-Alexander Lentz, 1979      **Special Bibliographic Series** US Army Military History Research Collection, 1978      **Confederate Saboteurs** Mark K. Ragan, 2015-08-03 Facing an insurmountable deficit in resources compared to the Union navy the Confederacy resorted to unorthodox forms of warfare to combat enemy forces Perhaps the most energetic and effective torpedo corps and secret service company organized during the American Civil War the Singer Secret Service Corps led by Texan inventor and entrepreneur Edgar Collins Singer developed and deployed submarines underwater weaponry and explosive devices The group's main government financed activity which eventually led to other destructive inventions such as the Hunley submarine and behind enemy line railroad

sabotage was the manufacture and deployment of an underwater contact mine During the two years the Singer group operated several Union gunboats troop transports supply trains and even the famous ironclad monitor Tecumseh fell prey to its inventions In Confederate Saboteurs Building the Hunley and Other Secret Weapons of the Civil War submarine expert and nautical historian Mark K Ragan presents the untold story of the Singer corps Poring through previously unpublished archival documents Ragan also examines the complex personalities and relationships behind the Confederacy's use of torpedoes and submarines

**Surface and Destroy** Michael Sturma, 2011-03-25 World War II submariners rarely experienced anything as exhilarating or horrifying as the surface gun attack Between the ocean floor and the rolling whitecaps above submarines patrolled a dark abyss in a fusion of silence shadows and steel firing around eleven thousand torpedoes sinking Japanese men of war and more than one thousand merchant ships But the anonymity and simplicity of the stealthy torpedo attack hid the savagery of warfare a stark difference from the brutality of the surface gun maneuver As the submarine shot through the surface of the water confined sailors scrambled through the hatches armed with large caliber guns and met the enemy face to face Surface and Destroy The Submarine Gun War in the Pacific reveals the nature of submarine warfare in the Pacific Ocean during World War II and investigates the challenges of facing the enemy on the surface The surface battle amplified the realities of war bringing submariners into close contact with survivors and potential prisoners of war As Japan's larger ships disappeared from the Pacific theater American submarines turned their attention to smaller craft such as patrol boats schooners sampans and junks Some officers refused to attack enemy vessels of questionable value while others attacked reluctantly and tried to minimize casualties Michael Sturma focuses on the submariners reactions and attitudes toward their victims exploring the sailors personal standards of morality and their ability to wage total war Surface and Destroy is a thorough analysis of the submariner experience and the effects of surface attacks on the war in the Pacific offering a compelling study of the battles that became intolerably personal

**Sea Devils** John Swinfield, 2014-02-03 Sea Devils is a compelling account of pioneer submariners and their astonishing underwater contraptions Some made perilous voyages Others sank like stones Craft were propelled by muscle power or had steam engines with chimneys Some had wheels to trundle along the seabed Others were used as underwater aircraft carriers Here John Swinfield traces the history of early submarines and the personalities who built and sailed them From a plethora of madcap inventors emerged a bizarre machine that navies of the world reluctantly acquired but viewed with distaste It matured into a weapon that would usurp the mighty battleship which had for centuries enjoyed an unchallenged command of the oceans In its long and perilous history the submarine became subject to fierce business military and political shenanigans It won eventual acceptance amidst the chaos and carnage of the First World War in which pathfinder submariners achieved an extraordinarily high tally of five Victoria Crosses Britain's highest military decoration Sea Devils brims with daring characters and their unflinching determination to make hazardous underwater voyages an immensely readable entertaining

and authoritative chronicle of low cunning high politics wondrous heroism and appalling tragedy     *Escape from the Deep*  
Alex Kershaw, 2010-09-07 In the early morning hours of October 24 1944 the legendary U S Navy submarine Tang was hit by one of its own faulty torpedoes The survivors of the explosion struggled to stay alive one hundred eighty feet beneath the surface while the Japanese dropped deadly depth charges As the air ran out some of the crew made a daring ascent through the escape hatch In the end just nine of the original eighty man crew survived But the survivors were beginning a far greater ordeal After being picked up by the Japanese they were sent to an interrogation camp known as the torture Farm When they were liberated in 1945 they were close to death but they had revealed nothing to the Japanese including the greatest secret of World War II With the same heart pounding narrative drive that made *The Bedford Boys* and *The Longest Winter* national bestsellers Alex Kershaw brings to life this incredible story of survival and endurance     Special Bibliography ,

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