Type Ix U Boat

Alistair Smith

The U-boat Eberhard Rössler, 1981

The Milk Cows John F. White,2009-09-19 "A comprehensive look at the German submarine tanker program during World War II . . . engaging." —The NYMAS Review During the Second World War the Germans developed a specially adapted U-boat oil tanker with two aims. First, by refueling the attack U-boat fleet their range of operations and duration of patrol could be significantly increased. Secondly, these underwater tankers were far more likely to avoid detection than surface support ships. The submarine tankers, affectionately known as "Milk Cows," were regarded by both the Germans and the Allies as the most important element of the U-boat fleet. Allied forces had orders to attack the tankers first whenever a choice was presented. Until late 1942 the German Milk Cows operated with great success and few losses. But from 1943 onwards the German rendezvous ciphers were repeatedly broken by the Allies and losses mounted rapidly. The Milk Cows were highly vulnerable during the lengthy refueling procedure as they lay stationary on the surface, hatches open. By the end of the war virtually every tanker had been sunk with severe loss of life. The story of this critical campaign has been thoroughly researched by the author and is told against the background of changing U-boat fortunes. "The author is to be congratulated on his research and writing such a thorough and readable account of such an interesting subject." —Windscreen Magazine, Military Vehicles Trust "Readers will be fascinated not just by the mainstream replenishment work but also by the book's accounts of German submarine operations far afield." —Navy News

Hitler's Attack U-Boats Jak P. Mallmann Showell,2020-09-30 "A definitive introduction by a highly recognized authority who writes beautifully and clearly." —Naval Historical Foundation The fact that German submarines almost managed to cut off Britain's vital imports during the First World War hadn't been forgotten by Hitler—and when, in 1935, he repudiated the Treaty of Versailles, Britain, magnanimously, signed an Anglo-German Naval Agreement. This allowed the Germans to build their submarine strength up to one third of the Royal Navy's tonnage. When war broke out in 1939, German U-boats went quickly into action, but with only four years of production and development, the main armament of these submarines was considerably weaker than equivalent boats in other navies and many other features, such as living conditions, were also significantly inferior. Yet, the German U-boat onslaught against British merchant ships in autumn 1940 was highly successful because the attacks were made on the surface at night and from such close range that a single torpedo would sink a ship. Soon, though, Allied technology was able to detect U-boats at night, and new convoy techniques, combined with powerfully armed, fast modern aircraft searching the seas, meant that by 1941 it was clear that Germany was losing the war at sea. Something had to be done. The new generation of attack U-boats that had been introduced since Hitler came to power needed urgent improvement. This is the story of the Types II, VII, and IX that had already become the 'workhorse' of the Kriegsmarine's submarine fleet and continued to put out to sea to attack Allied shipping right up to the end of the war. The Type II was a small coastal boat that struggled to reach the Atlantic; the Type VII was perfectly at home there, but lacked the technology to tackle well protected convoys; while the Type IX was a long-range variety modified so it could operate in the Indian Ocean. This book by the renowned Kriegsmarine historian explores these attack U-boats at length, in

Second U-boat Flotilla Lawrence Paterson, 2003 Fritz-Julius Lemp's tragic sinking of the Athenia in a Second U-Boat Flotilla boat opened Germany's U-boat war against England. The following six years of bitter combat found the flotilla at the forefront of distant operations. Leading the attack, Legendary commanders such as Albrecht Achilles, Werner Hartenstein and Reinhard Hardegen littered the Atlantic and Indian Oceans with the twisted steel of sunken ships. Drawn extensively from various war diaries and veterans' personal reminiscences, the Second U-Boat Flotilla describes the tumultuous fortunes of the most successful unit of Karl Donitz's Grey Wolves.

<u>Kriegsmarine U-boats 1939-45 (2)</u> Gordon Williamson, 2012-04-20 This title follows from New Vanguard 51: Kriegsmarine U-boats 1939-45 (1) and charts the continuing development of the U-boat in German service, including the evolution of the Type IX as a long range 'cruiser' intended for solo operations in distant waters. Also covered is the revolutionary Type XXI, conceived of in 1942 and launched in April 1944, the first true submarine rather than submersible, whose arrival was just too late to influence the war. Other vessels covered are the Type XXIII, a small vessel armed with only two torpedoes but technically highly advanced, and the Type X minelayers, which were rarely used in their intended role and more often used as supply boats.

U-Boats at War in 100 Objects, 1939-1945 Gordon Williamson, 2019-10-30 'The only thing that ever really frightened me during the war was the U-boat peril,' wrote Winston Churchill in his history of the Second World War. 'I was even more anxious about this battle than I had been about the glorious air fight called the Battle of Britain." In reality, the Kriegsmarine had been woefully unprepared for the war into which it was thrown. The Command-in-Chief of submarines, Karl Dönitz, himself a verteran U-boat captain from the First World War, felt that he could bring Britain to its knees with a fleet of 300 U-Boats. But when war broke out, he had just twenty-four available for operational use. Despite this, the U-Boat arm scored some incredible successes in the early part of the war, raising the status of the submarine commanders and crews to that of national heroes in the eyes of the German people. The 'Grey Wolves' had become super-stars. Small wonder then that the U-Boat war has fascinated students of military history ever since. This book, using a carefully selected range of both wartime images and colour images of surviving U-boat memorabilia from private collections, describes 100 iconic elements of the U-Boat service and its campaigns. The array of objects include important individuals and the major U-Boat types, through to the uniforms and insignias the men wore. The weapons, equipment and technology used are explored, as are the conditions in which the U-boat crews served, from cooking facilities and general hygiene down to the crude toilet facilities. Importantly, the enemy that they faced is also covered, examining the ship-borne and airborne anti-submarine weaponry utilised against the U-boats. The U-Boats began the war, though small in number, more than a match for the Allies and created carnage amongst merchant shipping as well as sinking several major warships. The pace of technological development, however, failed to match that of Allied anti-submarine warfare weaponry and the U-Bootwaffe was ultimat

Kriegsmarine U-boats 1939-45 (1) Gordon Williamson, 2012-04-20 This, the first of two volumes on Germany's World War II U-boats, traces their development from the early U-boats of the Kaiser's Navy, the prohibition on Germany having U-boats following the Armistice in 1918 and the subsequent Treaty of Versailles, the secret development of U-boats using a 'cover-firm' in Holland, culminating in the formation of the 1st U-boat Flotilla in 1935 with the modern Type II. The operational history section includes examples from the Classes Type VIIA, Type VIIB, VIID, VIIE and VIIF before concentrating on the mainstay of the U-boat arm, the Type VIIC. Comparisons are also made with the standard allied submarines, their strengths, weaknesses and U-boat tactics.

Type VII Marek Krzysztalowicz,2012-05-02 "Describ[es] the Type VII and its place in the history of warfare . . . probably the finest book on German submarines of WWII available in print."—Firetrench First conceived in the mid-1930s, the Type VII was still in production in the closing stages of the Second World War a decade later. Subject to continuous improvement through six major variants and with around 650 completed, it was built in larger numbers than any other submarine design in history. It formed the backbone of the Kriegsmarine's campaign against merchant shipping for the whole of the war, and in terms of tonnage sunk was by far the most successful U-boat type. This encyclopedic work combines a technical description of the type in all its

variations with a history of its development and an overview of its most significant operations—especially those convoy battles that were to have a crucial impact on the evolution of the design and its equipment. A particular attraction of the book is the comprehensive visual coverage—photographs of virtually every aspect of design, construction, fittings and shipboard life; highly detailed general arrangement plans and close-up scale drawings; and, with modelmakers in mind, a stunning collection of full-color three-dimensional illustrations of every external feature and variant of the boats. There have been many books on U-boats reflecting an enduring public interest so any new offering has to be special. With its unique concentration of information and illustrative reference, Type VII is unrivalled. "A comprehensive history of the Kriegsmarine's most potent weapon . . . includes detailed modelmakers' plans together with over 320 photographs."—Maritime Advisor

U-Boats off the Outer Banks Jim Bunch,2017-07-10 From January to July 1942, more than seventy-five ships sank to North Carolina's Graveyard of the Atlantic off the coast of the Outer Banks. A Standard oil tanker sank just sixty miles from Cape Hatteras. German U-boats sank ships in some of the most harrowing sea fighting close to America's shore. Germany's Operation Drumbeat, led by Admiral Karl Donitz, brought fear to the local communities. The U-85 was the first U-boat sunk by American surface forces, and local divers later discovered a rare Enigma machine aboard. Author Jim Bunch traces the destructive history of world war on the shores of the Outer Banks.

Hunt and Kill Theodore P. Savas, 2004-06-19 One of WWII's pivotal events was the capture of U-505 on June 4, 1944. The top secret seizure of this massive Type IX submarine provided the Allies with priceless information on German technology and innovation. After the war U-505 was transported to Chicago, where today 1,000,000 visitors a year pass through her at the Museum of Science and Industry. Hunt and Kill offers the first definitive study of U-505. The chapters cover her construction, crew and commanders, combat history, general Type IX operations, naval intelligence, the eight fatal German mistakes that doomed the boat, and her capture, transportation, and restoration for posterity. The contributors to this fascinating volume--a Who's Who of U-boat historians--include: Erich Topp (U-Boat Ace, commander of U-552); Eric Rust (Naval Officers Under Hitler); Timothy Mulligan (Neither Sharks Nor Wolves); Jak Mallman Showell (Hitler's U-boat Bases); Jordan Vause (Wolf); Lawrence Patterson (First U-boat Flotilla); Mark Wise (Enigma and the Battle of the Atlantic); Keith Gill (Curator, Museum of Science and Industry), and Theodore Savas (Silent Hunters; Nazi Millionaries).

German U-Boat Losses During World War II Axel Niestlé, 2014-06-30 A deep dive into the fate of German submarines lost during the Second World War. "This has to be the best reference you can find on the subject."—Military Modelling No other publication on this subject comes even close to including the amount of detail provided in this book. An introduction both summarizes previous works on the subject and describes the difficulties of obtaining and verifying information from either the Germans or the Allies on U-boat losses. The main part of the book lists by hull number each U-boat's date of commissioning, its commanding officer, and the date and port of departure for its last patrol. It also gives the date, position, and cause of loss of each submarine, with complete details on Allied units involved in the sinking, the names and ranks of their commanding officers and pilots, and the number of crew killed or rescued. An appendix neatly summarizes data on the disposition of surviving U-boats at the end of the war and provides valuable statistical data on German U-boat losses. "Highly recommended for every serious scholar of the Atlantic war, and every library in naval history and the history of the Second World War."—The Mariner's Mirror "The level of detail is quite impressive and this edition is the result of 16 years of further research since the first edition . . . If you are seeking data on the fate of U-Boats then this book should be your 'first place of call'—no other book has such detailed data."—Military Archive Research

The Encyclopedia of U-boats Eberhard Möller, Werner Brack, 2004 A comprehensive reference book.

The Sinking of the Laconia and the U-Boat War James P. Duffy,2013-04-01 Originally published: Santa Barbara, California: Praeger/ABC-CLIO, 2009.

U-boats Under the Swastika Jak P. Mallmann Showell,1974

Neither Sharks Nor Wolves Timothy P Mulligan,2011-08-15 Although countless books have been written about the U-boat war in the Atlantic, precious few facts have come to light about the men who served in the submarines that wrought such havoc on Allied ships. Eager to get beyond the stereotypes perpetuated in movies and novels and find out who these elusive sailors really were, archivist Timothy Mulligan started searching official records. Eventually he went straight to the source, conducting a survey of more than a thousand U-boat officers and enlisted men and interviewing a number of them personally. The result is this character study of the German submarine force that challenges traditional and revisionist views of the service. Mulligan found striking similarities in the men's geographic and social origins, education, and previous occupations, particularly within the specialized engineering and radio branches of the submarine force. The information he gathered establishes quantifiable patterns in age, length of service, and experience, as well as the organization's overall recruitment policies and training standards. The numbers and losses of U-boat personnel are also fully examined. Beyond these objective characteristics, this study lists such subjective factors as morale, treatment of enemy ship survivors, and the relationship of the submariners to the Nazi regime, and it confirms a serious crisis in morale in late 1943. The roles played by the head of the U-boat arm, Grand Admiral Karl Donitz, and its organizational chief, Admiral Hans-Georg von Friedeburg, are thoroughly addressed. Mulligan concludes that the U-boat arm quickly evolved from a handpicked elite to a more representative sample of the German navy at large but continued to be treated as an elite force. The only comprehensive investigation yet published, this book also draws on POW interrogations of U-boat survivors and documentation of Kriegsmarine personnel policy obtained from German archives.

U-108 at War Alistair Smith,2012-04-19 The photos in this book are taken from an unpublished album belonged to a member of the crew of U-boat U-108 during World War II. These good quality photos show every aspect life aboard before, during and after a typical mission into the Atlantic. There are stunning shots of the sinking of Allied shipping and the rescue of their crews (Against Hitlers orders!). Rarely seen below-deck views show just how cramped the living and working conditions were in a submerged craft. Shots from the conning tower in mid-ocean demonstrate the vile sea conditions that the vessels were forced to endure, from gigantic seas to frozen decks and equipment. The comradeship of the close-knit crew is expressed in shots showing how the mens domestic chores were performed in the confined space of these small craft miles from the nearest land. It is most unusual to have such a comprehensive photographic record of a U-boat on active service since so few survived the war intact.

The Defeat of the German U-boats David Syrett, 1994 The largest, most complex naval battle and its impact on World War II's outcome.

U-boats in Camera, 1939-1945 Jak P. Mallmann Showell,1999 This volume charts the life of a German U-boat from construction through to active service, and looks at commissioning, sea trials and the first patrol of a typical boat during World War II. This illustrated book also offers a glimpse at domestic life on board a German U-boat, focusing on what the ordinary seaman would have seen and experienced during his first weeks aboard a brand new boat. The author draws on the extensive archives of the German U-boat Archive and many of the photos that appear in the book are previously unpublished. Comprehensive captions describe in detail the many aspects of a U-boat at war, from the boat itself, to the crew and its personalities, life above and below the waves, and the weapons and radar with which it fought Allied shipping. This book affords an insight into this much-feared weapon of World War II, and should appeal to all with an interest in the

armed forces of the Third Reich.

Wolf Pack Gordon Williamson, 2012-01-20 Germany's World War II U-Boat fleet represented the elite of their naval personnel. In terms of technology, training, tactics and combat successes, the U-Boat Waffe was far superior to that of any other combatant nation. In this comprehensive book, the wartime development of the U-Boat is traced along with the experiences of typical U-Boat crewmen, from recruitment to combat. The author examines the operational tactics of the U-Boat fleet, as well as describing the massive bunkers that housed them. 'Wolf Pack' contains material taken from Fortress 3: 'U-Boat Bases and Bunkers 1941-45', Warrior 36: 'Grey Wolf: U-Boat Crewman of World War II' and New Vanguards 51 and 55: 'Kriegsmarine U-Boat 1939-45 (1) and (2)', with the addition of a new section on wartime tactics.

U-boat Tactics in World War II Gordon Williamson, 2012-06-20 At the start of the war, German U-boat technology vastly out performed that possessed by the Allies, and under the pressure of the war continual development helped keep pace with wartime needs and improvements in anti-submarine weaponry. But it was not just the technology that had to change. German U-boat tactics evolved over time. Used in a variety of roles, from coastal patrolling through to the combined actions of convey-hunting 'wolf packs', the tactics used by U-Boats were diverse. This book analyses how the U-boats dominated the seas thanks to their innovative and daring tactical deployment, and how the cracking of the Enigma code effectively hamstrung them, greatly reducing their impact, a problem that even their advanced tactics failed to solve.

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