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# Imperial Japanese Navy Submarines 1941–45



Mark Stille • Illustrated by Tony Bryan

# Submarines Of The Imperial Japanese Navy

**Norman Polmar, Kenneth J. Moore**



## **Submarines Of The Imperial Japanese Navy:**

*Submarines of the Imperial Japanese Navy* Dorr Carpenter, Norman Polmar, 1986 *Imperial Japanese Navy Submarines 1941-45* Mark Stille, 2012-06-20 During World War II the Imperial Japanese Navy was at the forefront of submarine technology It fielded the largest pre nuclear submarines in the world some capable of carrying floatplane bombers which operated alongside fast combat vessels and midget submarines all equipped with the best torpedoes available The Japanese submarine fleet should have been an awe inspiring force but despite playing a crucial scouting role and enjoying several notable successes it was surprisingly ineffective Using unique color plates Mark Stille describes the astounding technical advances of this range of vessels and the wartime tactics responsible for their failure **Submarines of the Imperial Japanese Navy** Source Wikipedia, 2013-09 Please note that the content of this book primarily consists of articles available from Wikipedia or other free sources online Pages 41 Chapters I 121 class submarines I 201 class submarines I 351 class submarines I 400 class submarines Japanese Type L submarines Junsen type submarines Kaich type submarines Kaidai class submarines Ko hyoteki class submarines Ro 100 class submarines Ro 33 class submarines Type A submarines Type B submarines Type C submarines Type D submarines Type UC III U boats of the Imperial Japanese Navy Type A Ko hyoteki class submarine Imperial Japanese Navy submarines Japanese submarine I 25 Japanese submarine I 21 Japanese submarine I 58 Japanese submarine I 124 Japanese submarine I 17 SM U 55 Japanese submarine I 29 Ha 201 class submarine Japanese submarine I 8 Japanese submarine I 176 Japanese submarine I 30 Japanese submarine I 26 Japanese submarine I 168 Ha 101 class submarine Japanese submarine I 19 Japanese submarine I 202 Japanese submarine I 34 SM UC 90 SM UC 99 Italian submarine Comandante Cappellini Japanese Submarine I 402 Japanese submarine I 401 Japanese submarine I 15 Japanese submarine I 14 Japanese submarine I 31 Japanese submarine I 174 Submarine aircraft carriers of Japan Japanese submarine Ro 34 Japanese submarine Ro 33 Japanese submarine I 28 Japanese submarine I 177 Submarine No 71 Japanese submarine I 201 Japanese submarine Ro 45 Japanese submarine I 9 Japanese submarine I 10 Japanese submarine I 11 Excerpt The Kaidai was a type of 1st class submarine operated by the Imperial Japanese Navy IJN before and during World War II The type name was shortened from Navy Large Type Submarine Kaigun shiki gata Sensuikan All Kaidai class submarines originally had a two digit boat name from I 51 onwards On 20 May 1942 all Kaidai submarines added a 1 to their name For example I 52 became I 152 Ships are listed by the three digit boat name if they had *Operating Below Crush Depth: LCDR David W. Grogan* USN, 2015-11-06 Prior to entering World War II the Japanese Navy did a considerable planning and force development in preparation for a single decisive battle with the American fleet The Japanese submarine force entered the war with highly trained crews operating some of the most capable submarines in the world Even so they accomplished little This study will analyze the genesis and evolution of the technological basis of the Japanese submarine fleet before and during the war Along with the technological evolution it will also review the strategic and tactical evolution of the force It will

further analyze the employment of submarines as they apply to two major forms of naval warfare *guerre de course* and *guerre de main*. While the entire study will use comparison with the American and German the majority of the focus will be on the unique aspects of the Japanese employment of their submarines. These analyses will answer whether the Japanese submarine force would have been capable of influencing the results of major battles and the overall campaign in the Pacific Ocean. Could the Japanese submarine force have influenced the result of the war allowing it to end with a more favorable outcome for the Japanese.

**The Japanese Submarine Force and World War II** Akihiko Yoshida, 2013-01-15. When first published in 1995 this book was hailed as an absolutely indispensable contribution to the history of the Pacific War. Drawing heavily from Japanese sources and American wartime intercepts of secret Japanese radio messages, a noted American naval historian and a Japanese mariner painstakingly recorded and evaluated a diverse array of material about Japan's submarines in World War II. The study begins with the development of the first Japanese 103-ton Holland-type submersible craft in 1905 and continues through the 1945 surrender of the largest submarine in the world at the time, the 5300-ton I-400 class that carried three airplanes. Submarine weapons, equipment, personnel, and shore support systems are discussed first in the context of Japanese naval preparations for war and later during the war. Both successes and missed opportunities are analyzed in operations ranging from the California coast through the Pacific and Indian Oceans to the coast of German-occupied France. Appendixes include lists of Japanese submarine losses and the biographies of key Japanese submarine officers. Rare illustrations and specifically commissioned operational maps enhance the text.

**The Secret Submarine** Doctor Tom Lewis, 2025-03-05. Uncover a forgotten battle off Australia's shores. The official history of the Royal Australian Air Force claims that no enemy submarines operating off the Australian coast during World War II were sunk. But what if history got it wrong? In a fierce and decisive air action off the coast of New South Wales, RAAF Beaufort bombers engaged a colossal Japanese submarine over 100 meters long. What followed was a deadly duel between the submarine's anti-aircraft guns and the bombers' machine guns. The I-178, with her crew of 88, lies lost somewhere north of Sydney. The events of that day have remained buried until now. In this groundbreaking work, Tom Lewis, one of Australia's leading military historians, rewrites the history books. *The Secret Submarine* not only reveals a forgotten victory but also immerses readers in the harrowing experiences of those who served in WWII bombers and submarines. Additionally, it chronicles the broader, brutal struggle between Japanese forces and the combined might of the USA and Australia, a conflict that saw over 40 ships sunk and countless lives lost off Australia's east coast. Praise for Tom Lewis: Tom Lewis has reminded us of the perils of lack of preparation in peacetime and the price to be paid in war for not recognising new technologies and methods for striking at Australians from the sea. Attack on Sydney Harbour. Lieutenant Commander Desmond Woods OAM RAN. Tom Lewis never lets his readers down. He has embedded a narrative with all the necessary historical and political background, photographs, maps, diagrams, pen pictures of key players, as well as a closing epilogue. Attack on Sydney Harbour. Neville Taylor RUSI Vic.

Remarkable in its sweep of World War II's Pacific theatre and the terrible price all involved would have paid if it continued Atomic Salvation would be ideal for a comprehensive documentary Ian Richards film maker An effective blend of historical narrative and scholarly argument Dr Tom Lewis's Atomic Salvation is both a memorable and enlightening reading experience Atomic Salvation Dr LFS Browne Historian The sanitized version of warfare in books and films omits the bloody and ferocious encounters at the sharp end of war this book explains The Truth of War Newcastle Herald **End Japanese Navy** Masanori Itō,1984-12 Japanese Submarines Combats In The Second World War André Geraque Kiffer,2024-09-23 In World War II although the United States had an unusually long supply line leaving it vulnerable to submarine attack Japan used its submarines primarily for long range reconnaissance and only occasionally attacked their lines The Imperial Japanese Navy followed the doctrine of *Guerre d Escadre* fleet vs fleet warfare and consequently submarines were often used in offensive roles against warships In this book I will focus more on the tactical and technical decision making levels basing the tasks on examples taken from situations experienced by Japanese submarine crews during World War II However I will insert their missions into a broader framework of submarine warfare involving the strategic operational strategic and political decision making levels in order to meet the greatest opportunity that Japan had during the conflict which was an amphibious invasion of Hawaii the initial objective of Operation AI later changed to an air naval attack aircraft and midget submarines on the Pearl Harbor naval base And in the development of this simulation I will use the U Boot board game from Gal pagos Jogos

**Imperial Japanese Navy Antisubmarine Escorts 1941-45** Mark Stille,2017-07-27 In 1941 the Imperial Japanese Navy IJN went to war with a marginal anti submarine warfare ASW capability This was a lamentable state of affairs for a nation dependent upon imports to sustain its war economy There were only a few purpose built ASW escorts available at the start of the war and these were augmented by a handful of second class destroyers and a dozen torpedo boats Once the magnitude of the threat to Japan's shipping became fully apparent in 1943 the IJN made plans for mass production of ASW escorts These arrived in 1944 but could not stop the massacre of Japanese shipping by increasingly bold and effective American submarines This volume will detail the history weapons and tactics of the IJN's ASW escorts These include the Momi class of second rate destroyers the Tomodzuru and Ootori classes of torpedo boats and the several types of ASW escorts built from 1937 up to the end of the war **USN Fleet Destroyer vs IJN Fleet Submarine** Mark Stille,2018-11-29 Leading up to the Pacific War Japanese naval strategists believed that a decisive fleet engagement would be fought against the United States Navy Outnumbered by the USN the Imperial Japanese Navy planned to use its large ocean going submarines to chip away at its opponent before the grand battle In order to accomplish this the IJN's submarine force was tasked to perform extended reconnaissance of the USN's battle fleet even in port and then shadow and attack it For their part the USN was fully aware of the potential threat posed by Japanese submarines and destroyer crews were trained and equipped with modern anti submarine weapons and tactics to screen the battle fleet Challenging the assumption that Japanese submarines were

ineffective during the Pacific War this fully illustrated study examines their encounters with the US Navy and the successes and failures of American destroyers in protecting their capital ships      *Midway Submerged* Mark W. Allen, 2023-05-01 Naval history enthusiasts and military historians who enjoy taking deeper dives into the backgrounds of well known battles particularly concerning tactics and leadership will appreciate this read The book is enriched with well captioned photos diagrams and very detailed appendices which makes it an excellent reference work HistoryNet Most books gloss over submarines at Midway and if they are mentioned at all conclude they failed miserably and had little impact on the outcome of the battle It is undeniable that carrier aviation and intelligence saved the day but the role of the submarine was an important one in defense of an anticipated amphibious assault *Midway Submerged* is a comprehensive examination of a little known aspect of this pivotal naval battle explaining how Nimitz used his submarines at Midway and the Japanese misused theirs based on a flawed tactical plan Based on in depth archival research not only into the battle itself but also submarine design and construction and tactical and operational doctrine for both the United States and Japan it brings a whole new dimension to the discussion of the battle of Midway It examines the intended role of the submarine in the plans and doctrine of both navies and what the submarines were expected to accomplish for both fleets during the battle before assessing the actual accomplishments successes and failures of the submarine forces on both sides Of particular importance the book offers an analysis of how well these vessels fulfilled the expectations placed on them by their respective naval planners concluding that submarines played a more important role in the outcome than has been previously understood      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      **Japanese Military Strategy in the Pacific War** James B Wood, 2023-06-14 In this provocative history James B Wood challenges the received wisdom that Japan s defeat in the Pacific was historically inevitable He argues instead that it was only when the Japanese military prematurely abandoned its original sound strategic plan to secure the resources Japan needed and establish a viable defensible perimeter for the Empire that the Allies were able to regain the initiative and lock Japanese forces into a war of attrition they were not

prepared to fight The book persuasively shows how the Japanese army and navy had both the opportunity and the capability to have fought a different and more successful war in the Pacific that could have influenced the course and outcome of World War II It is therefore a study both of Japanese defeat and of what was needed to achieve a potential Japanese victory or at the very least to avoid total ruin Wood s argument does not depend on signal individual historical events or dramatic accidents Instead it examines how familiar events could have b

**Operation Storm** John Geoghegan,2013-03-19 The riveting true story of Japan s top secret plan to change the course of World War II using a squadron of mammoth submarines a generation ahead of their time In 1941 the architects of Japan s sneak attack on Pearl Harbor planned a bold follow up a potentially devastating air raid this time against New York City and Washington DC The classified Japanese program required developing a squadron of top secret submarines the Sen toku or I 400 class designed as underwater aircraft carriers each equipped with three Aichi M6A1 attack bombers painted to look like U S aircraft The bombers called Seiran which translates as storm from a clear sky were tucked in a huge water tight hanger on the sub s deck The subs mission was to travel more than halfway around the world surface on the U S coast and launch their deadly air attack This entire operation was unknown to U S intelligence And the amazing thing is how close the Japanese came to pulling it off John Geoghegan s meticulous research including first person accounts from the I 401 crew and the U S capturing party creates a fascinating portrait of the Sen toku s desperate push into Allied waters and the U S Navy s dramatic pursuit masterfully illuminating a previously forgotten story of the Pacific war

*The Imperial Japanese Navy* Frederick Thomas Jane,1904 Sunk Mochitsura Hashimoto,1954 *Imperial Japanese Navy Type B1 Submarine I-15 (1939) and I-37 (1943)* Anirudh Rao,2019-10-10 The Brandenburg class battleships were the first blue water warships of the Kaiserliche Marine and can be categorized as the first German pre dreadnought ships

**Japanese Submarines in World War Two** Terry C Treadwell,2022-06-30 The Imperial Japanese Navy developed the submarine faster than any other country in the world But as a result of rivalries between the two military hierarchies the Army and the Navy they never utilized the submarine to its full extent Nevertheless during the Second World War Japan deployed a number of unique submarines These included the Type B1 which carried a Yokosuka E14Y1 reconnaissance seaplane in a watertight capsule attached to the deck of the submarine One of these aircraft carried out two bomb attacks on a forest in Oregon by dropping six incendiary bombs taking the war to the American mainland The use of aircraft from submarines as scout planes proved not to be as successful as hoped mainly because of the difficulty after launching the aircraft of it finding the submarine again in the vast Pacific and Indian Oceans The Japanese also developed the giant I 400 class submarines that carried three Sieran bombers There were other notable actions involving IJN submarines This included I 17 that attempted to shell unsuccessfully an oil refinery off the coast of Santa Barbara causing a major panic along the West Coast of America Also memorable are the midget submarines that attempted to attack Pearl Harbor and the submarines that carried the one man submarines Kaitens and the human torpedoes

The submarine losses suffered by the Japanese Navy as the war progressed when Allied and in particular US destroyers and aircraft hunted them down are all recorded in this comprehensive account of a fascinating element of the war at sea *Cold War Submarines* Norman Polmar, Kenneth J. Moore, 2004 Submarines had a vital if often unheralded role in the superpower navies during the Cold War Their crews carried out intelligence collection operations sought out and stood ready to destroy opposing submarines and from the early 1960s threatened missile attacks on their adversary's homeland providing in many respects the most survivable nuclear deterrent of the Cold War For both East and West the modern submarine originated in German U boat designs obtained at the end of World War II Although enjoying a similar technology base by the 1990s the superpowers had created submarine fleets of radically different designs and capabilities Written in collaboration with the former Soviet submarine design bureaus Norman Polmar and K J Moore authoritatively demonstrate in this landmark study how differing submarine missions antisubmarine priorities levels of technical competence and approaches to submarine design organizations and management caused the divergence *The Lost Submarines of Pearl Harbor* James P. Delgado, Terry Kerby, Stephen Price, Maximilian D. Cremer, Hans K. Van Tilburg, Ole Varmer, Russell Matthews, 2016-11-16 In the pre dawn darkness of December 7 1941 five Imperial Japanese Navy submarines surfaced off the coast of Oahu Secured to the decks of these vessels were secret weapons to be deployed for the first time in modern warfare two man midget submarines intended to enter Pearl Harbor without being detected and torpedo the US Navy battleships lying at anchor there None of them would return from their mission One of the last remaining and persistent mysteries of the Pearl Harbor attack is that of the Japanese Midget Submarines It is a fascinating story of innovation courage secrets and failed expectations And it is not only a story of the morning hours of December 7 but of the years before to develop these weapons and the years after where they were deployed in the great Pacific War and how they fared as weapons of war These words by Daniel J Basta from the foreword of this work capture both the essence and the impact of *The Lost Submarines of Pearl Harbor* James P Delgado and his coauthors have worked on the story of these incredible craft for decades They combed the records of the US Navy and the recollections of its veterans as well as Japanese Australian and British archives in order to uncover the truth They have logged hours of direct observation and research on the midget subs in their final resting places in some cases more than 1 000 feet below the surface of the Pacific And in the end they have woven a tapestry of scholarship historical sleuthing scientific insight and good storytelling that will enthrall specialists and history enthusiasts alike



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