



# SINK THE TIRPITZ

CONVOY PQ 18, SOVIET-BASED RAF BOMBERS AND  
THE BATTLE AGAINST HITLER'S LAST GREAT WARSHIP



GEOFFREY W RAEBEL

# Sink The Tirpitz

**Orr Kelly**



## **Sink The Tirpitz:**

Sink the Tirpitz Léonce Peillard, 1968 On January 18 1942 in London Winston Churchill gave the order to sink the Tirpitz announcing that the whole strategy of the war turns at this point on this ship On November 12 1944 at Troms the Tirpitz sank with the loss of 700 lives Between these two events stretches an epic story of courage and endeavor almost unequalled in the history of the last war The Tirpitz the most powerful enemy ship afloat in the Western Hemisphere was based deep in the Norwegian fjords where it presented a major threat to Allied naval action Jacket Sink the Tirpitz Jim Eldridge, 2010-02 The Tirpitz is the Nazis most lethal battleship It is moored heavily guarded in a Norwegian fjord The only way to attack it is to plant bombs underneath using mini submarines But who will go on this suicide mission and will they ever manage to sink the Tirpitz

**Sink the Tirpitz 1942-44** Angus Konstam, 2018-10-18 When Germany invaded the Soviet Union in the summer of 1941 Stalin requested help from the Western Allies The result was the Arctic Convoys the opening of a sea route from Britain to Northern Russia used to supply the Soviets with vitally needed war materials This route passed close to German occupied Norway and so in January 1942 the newly completed battleship Tirpitz sister of the Bismarck was sent there to form the core of the naval force stationed in Northern Norway to intercept these convoys For more than two years Tirpitz remained a latent threat to the Allies and despite fuel shortages her occasional sorties posed a grave threat to Allied shipping So the sinking of the battleship became a major priority for the British The fjords where she lurked were strongly defended rendering naval attack virtually impossible So unless she could be caught at sea she had to be destroyed by other means In the spring of 1942 the Royal Air Force launched three heavy bombing raids on the battleship's anchorage but no hits were scored The following autumn she was damaged during a midget submarine attack and moved to a more secure anchorage A lack of bombers caused a hiatus in these air attacks but they were resumed in 1944 by which time the Fleet Air Arm had the resources to join in the air campaign The most sustained of these naval air operations was Operation Goodwood but like the others its results were disappointing It was now clear that only heavy bombers dropping especially heavy bombs could do the job So that autumn the RAF launched the first of three large scale attacks using Lancaster bombers armed with enormous Tallboy bombs In the first codenamed Operation Parvane the Tirpitz was badly damaged In the third air attack carried out in November 1944 the battleship was hit three times and she capsized and sank taking most of her crew down with her Her passing broke German naval power in Arctic waters which in turn allowed the Allies to divert their naval resources to the Pacific where the ocean wide campaign was reaching its climax The air campaign against the Tirpitz was one of vital strategic importance and while low key compared to air operations over mainland Europe it was one where a single bomb could dramatically influence the course of the war These British airmen faced tough opposition from the weather terrain ground defences the Luftwaffe and from the well armed battleship herself which while rendering it tough for them made this a dramatic story of air power's triumph against the odds Technically the 1944 air campaign was a test bed for a

new generation of super bomb The Tallboy designed by Barnes Wallis of Dambuster fame was a five ton seismic bomb capable of destroying the battleship when other more conventional ordnance had failed These ground breaking bombs were the forerunners of the devastating bunker busting weaponry of the post war era *The Night Air War* Martin W. Bowman,2015-07-31 Of the 7 953 Bomber Command aircraft lost on night operations during the Second World War an estimated 5 833 fell victim to Luftwaffe night fighters In this detailed re enactment of the air war over Western Europe and the raids flown by the men of RAF Bomber Command the author has pieced together official data and the words and memories of the pilots and air crew who participated in the proceedings Across fifteen chapters many unique experiences are regaled enlivening the history of the night bombing raids that were hurled against Hitler's war machine during the latter half of the Second World War They span the period between November 1943 and 1945 and cover the encounters between the Luftwaffe and RAF Bomber Command during their heyday No Operation Was Easy was a commonly coined phrase amongst this group who night after night struck out at targets such as the The Big City Berlin Stuttgart and the Ruhr These truly epic stories gleaned from the memories of the men who made up Bomber Command serve as an appropriate epitaph to their collective effort *Sinking the Beast: The RAF 1944 Lancaster Raids Against Tirpitz* Jan Forsgren,2017-01-24 *The Small Scale Raiding Force* Brian Lett,2013-10-23 The Small Scale Raiding Force SSRF was formed in February 1942 by Gus March Phillips with Major General Gubbins SOE European chief's approval March Phillips and his Maid of Honor Force had just had complete success with their operation POSTMASTER off West Africa Equipped with a specially adapted motor torpedo boat the SSRF immediately started planning for operations Op FROUDESELEY with the aim of destroying the battleship Tirpitz ran into technical problems and was delayed but in August and September three daring cross Channel missions were successfully carried out without loss The author describes these and the disastrous fourth operation ACQUATINT when all 10 SSRF men including March Phillips were killed or captured Despite this hammerblow SSRF now commanded by Geoffrey Appleyard made two raids on Sark a week later Again their story is fully told in this fascinating book along with those of three further 1942 raids Inter service rivalry the war within led to the break up of the SSRF in early 1943 The Author describes the many colourful characters who made up this special force including Anders Lassen VC Graham Hayes and Andre Desgranges the Free Frenchman whom the Gestapo turned This superbly researched book lifts the veil on a little known but highly effective special force unit and the gallant individuals who served in it As seen in Dorset Magazine Book of the Month Britain at War Magazine April 2014 *The Ghost Ships of Archangel* William Geroux,2019-05-14 An extraordinary story of survival and alliance during World War II the icy journey of four Allied ships crossing the Arctic to deliver much needed supplies to the Soviet war effort On the fourth of July 1942 four Allied ships traversing the Arctic separated from their decimated convoy to head further north into the ice field of the North Pole seeking safety from Nazi bombers and U boats in the perilous white maze of ice floes growlers and giant bergs Despite the risks they had a better chance of survival than the rest of Convoy PQ

17 a fleet of thirty five cargo ships carrying 1 billion worth of war supplies to the Soviet port of Archangel the limited help Roosevelt and Churchill extended to Soviet dictator Joseph Stalin to maintain their fragile alliance even as they avoided joining the fight in Europe while the Eastern Front raged The high level politics that put Convoy PQ 17 in the path of the Nazis were far from the minds of the diverse crews aboard their ships U S Navy Ensign Howard Carraway aboard the SS Troubadour was a farm boy from South Carolina and one of the many Americans for whom the convoy was to be a first taste of war aboard the SS Ironclad Ensign William Carter of the U S Navy Reserve had passed up a chance at Harvard Business School to join the Navy Armed Guard from the Royal Navy Reserve Lt Leo Gradwell was given command of the HMT Ayrshire a fishing trawler that had been converted into an antisubmarine vessel All the while The Ghost Ships of Archangel turns its focus on Roosevelt Churchill and Stalin playing diplomatic games that put their ships in peril The twenty four hour Arctic daylight in midsummer gave no respite from bombers and the Germans wielded the terrifying battleship Tirpitz nicknamed The Big Bad Wolf Icebergs were as dangerous as Nazis As a newly forged alliance was close to dissolving and the remnants of Convoy PQ 17 tried to slip through the Arctic in one piece the fate of the world hung in the balance

**The 50 Greatest Shipwrecks** Richard Jones,2023-01-04 When you think of a shipwreck what image springs to mind A tall sailing ship on the rocks or perhaps the sinking Titanic surrounded by lifeboats Historian Richard M Jones has put together 50 stories of lost ships throughout history that are among the most important infamous and in some cases tragic ships in the whole of history When did two liners collide and lead to one of the greatest rescues in history How did a Scotsman become an American hero against his own country Which warship sank with gold bullion on board during the Second World War This book tells the story of these fascinating cases plus many more explores the largest shipwrecks the treasure wrecks and the ones that are talked about still as the most famous Starting at the tiny island of Alderney in 1592 we take a journey through history through the First and Second World Wars into the age of the passenger ferry and finally to the modern day migrant issues in the Mediterranean Sea Never before have these fifty wrecks come together in a book that really brings home to the reader just how many lost vessels there are how deadly many can be and what this teaches us today about our own history

**Brave Men, Dark Waters** Orr Kelly,2014-06-24 A definitive history of the US Navy s renowned special operations fighting force the most complete in depth study of this fabled elite unit Library Journal The legend was forged in the fires of World War II when special units of elite navy frogmen were entrusted with dangerous covert missions in the brutal global conflict These Underwater Demolition Teams as they were then called soon became known for their toughness and fearlessness and their remarkable ability to get the job any job done Years later the renamed US Navy SEALs for Sea Air and Land continued to be a wartime force to be reckoned with throughout the remainder of the twentieth century and into the twenty first They served as rangers and scouts in the jungles of Vietnam answered the call to duty in Panama Granada and in Saddam Hussein s Iraq while developing into the very best of the best the cream of America s Special Forces crop Author Orr

Kelly offers a rich and riveting history of the SEALs covering their remarkable triumphs while not shying away from the scandals and controversies An extraordinary portrait of extraordinary fighting men *Brave Men Dark Waters* shines a brilliant light into the darkest shadows of war which is where the SEALs have operated for decades with awesome and deadly efficiency

The Air War at Sea in the Second World War Martin W. Bowman, 2023-06-30 Martin Bowman's considerable experience as a military historian has spanned over forty years during which time he has spent hundreds of hours interviewing and corresponding with numerous men and women and their relatives in Britain America and beyond resulting in a wealth of material on the war at sea from World War One to the Falklands and the wars on terror All these narratives have been woven into a highly readable and emotional outpouring of life and death in action in all his titles as here in *World War Two* where the men of the Fleet Air Arm and the US Navy fighter operating bomber and torpedo carrying aircraft describe the compelling gripping and thought provoking narrative of the air war in the freezing Atlantic wastes to the waters of the mighty Pacific

**Torpedoes: Hunting the Enemy in World War II** Pasquale De Marco, 2025-04-09 In the vast expanse of the North Atlantic a silent and deadly battle raged during the Second World War It was a battle between the Allies and Germany a battle for control of the vital sea lanes upon which the war effort depended The German U boats or submarines were the scourge of the Atlantic They operated in large numbers often forming wolfpacks that could overwhelm and sink Allied merchant ships with impunity The U boat threat was so severe at times that it brought Britain to the brink of starvation and forced the United States to enter the war This book tells the story of the U boat sailors the men who fought in these deadly submarines It is a story of courage sacrifice and determination These were men from all walks of life brought together by a common cause They were highly trained and skilled and they faced incredible dangers on a daily basis They knew that every patrol could be their last but they never gave up They fought in cramped and dangerous conditions often submerged for weeks at a time They endured the constant threat of depth charges and aerial attack They witnessed the death of their comrades and they knew that they could be next But they never gave up They continued to fight even when the odds were stacked against them They knew that they were fighting for their country and they were determined to win This is their story It is a story that deserves to be told and remembered If you like this book write a review

*Sink the Tirpitz* Clinical Lecturer in Child and Adolescent Psychiatry Duncan Harding, Duncan Harding, 1996 World War II maritime thriller from the author of *Operation stormwind*

Hitler Attacks Pearl Harbor Richard F. Hill, 2003 Hill theorizes that the diplomatic community opened the European theater to a full scale war on Germany because Hitler's pressure on his Japanese allies caused the Pearl Harbor attack

**Great Ships** Peter C. Smith, 2008-08-04 Although naval development before World War II focused on aircraft carriers the British nevertheless had seventy battleships larger and more powerful than ever before under construction at the outbreak of the war Indeed one of the Allies first successes came in December 1939 when British ships hunted down and successfully engaged the German Graf Spee off the coast of South America The war would

hasten the battleship's decline but not before producing dramatic moments at sea About the Author Peter C Smith is the author of numerous works of military history including *Fist from the Sky* 978 0 8117 3330 4 *Dive Bomber* 978 0 8117 3454 7 *Massacre at Tobruk* 978 0 8117 3474 5 and *War in the Aegean* 978 0 8117 3519 3 He lives in England 50 b w photos

*Spec Ops* William H. McRaven, 2009-02-04 Vice Adm William H McRaven helped to devise the strategy for how to bring down Osama bin Laden and commanded the courageous U S military unit that carried it out on May 1 2011 ending one of the greatest manhunts in history In *Spec Ops* a well organized and deeply researched study McRaven analyzes eight classic special operations Six are from WWII the German commando raid on the Belgian fort Eben Emael 1940 the Italian torpedo attack on the Alexandria harbor 1941 the British commando raid on Nazaire France 1942 the German glider rescue of Benito Mussolini 1943 the British midget submarine attack on the Tirpitz 1943 and the U S Ranger rescue mission at the Cabanatuan POW camp in the Philippines 1945 The two post WWII examples are the U S Army raid on the Son Tay POW camp in North Vietnam 1970 and the Israeli rescue of the skyjacked hostages in Entebbe Uganda 1976 McRaven who commands a U S Navy SEAL team pinpoints six essential principles of spec ops success simplicity security repetition surprise speed and purpose For each of the case studies he provides political and military context a meticulous reconstruction of the mission itself and an analysis of the operation in relation to his six principles McRaven deems the Son Tay raid the best modern example of a successful spec op which should be considered textbook material for future missions His own book is an instructive textbook that will be closely studied by students of the military arts Maps photos

**Cycling Scotland's North Coast** Nicolas Mitchell, 2018-10-08 This cycling guidebook follows the course of a new cycling route around the North Coast of Scotland described as Scotland's own Route 66 Since its launch in 2015 this route branded as North Coast 500 NC500 has proved to be a resounding success with motorists motorcyclists and cyclists flocking to Inverness to put rubber to the road driving and riding through some of the most spectacular scenery in the United Kingdom This guidebook is aimed specifically at cyclists describing the entire coastal route over seven stages A sketch plan elevation graphs and turn by turn directions are given to each stage points of interest are highlighted and in many cases illustrated helpful sections on travel to Inverness nutrition navigation and emergency cycle repairs alternative route is offered to the busy and challenging A9 section south of Wick and finally a full list of accommodation providers to suit all budgets

*More Luck of a Lancaster* Gordon Thorburn, 2017-07-30 From 11 June 1943 the date of Lancaster Mark III EE136 WS R's first op to her last with 9 Squadron on 19 October 1944 eighty six Lancasters were assigned to Number 9 Of these fifty were lost to enemy action another five crashed at home three crashed in Russia on the first Tirpitz raid and four were transferred to other squadrons only to be lost by them leaving just twenty four still flying As more came in three of those twenty four were transferred to a new squadron the reforming No 189 These were EE136 93 operations PB146 36 ops and LM745 four ops All three saw the war out unlike so many others During 189 Squadron's operational period featuring EE136 1 November 1944 to 3 February 1945 thirty four

Lancasters came on the strength of which nine were lost in that time Over the operational lifetime of Lancaster EE136 forty two different skippers took her on her grand total of 109 trips Altogether 315 men flew on ops in this machine many of them more than once the most capped captain F O Roy Lake twenty two times and of those men 101 were killed in other aircraft Those are the statistics But this is the story of the men behind the numbers **Australia's Dambusters** Colin Burgess,2021-07-07 A truly comprehensive account of 617 Squadron RAF who carried out one of the most dangerous and audacious aerial bombing raids of World War II It was the evening of 16 May 1943 Nineteen modified Lancaster bombers from 617 Squadron RAF under the command of youthful Wing Commander Guy Gibson roared into the night sky from their Lincolnshire base They were on a top secret Bomber Command mission codenamed Operation Chastise now regarded as one of the most dangerous and audacious bombing raids of World War II an attack on the formidable well defended dams of Germany's Ruhr Valley Slung beneath the belly of each aircraft was one of the war's greatest secrets a bouncing bomb Against the odds and flying straight and level into the teeth of terrifying enemy fire they succeeded in breaching the two principal dams Many of the 133 airmen involved that fateful night hailed from Australia and several would be counted among the 56 who would not return to base next morning The Dams Raid led to the men of this gallant company often referred to as a suicide squadron taking on even more hazardous operations in the final two years of the war Under valorous leadership and now armed with massive Tallboy and Grand Slam earthquake bombs they obliterated vital Nazi installations destroying such defiant targets as the heavily defended Kembs Barrage and the German battleship Tirpitz often at a terrible cost in lives First published in 2003 this deeply researched revised and updated edition of Australia's Dambusters offers a truly comprehensive account of the most famous bombing raid of the war through the words and stories of the courageous Australian airmen and others who flew on this and later perilous missions remembered and forever immortalised as the Dambusters **Agency in Action** S. Coval,P.G. Campbell,2012-12-06 This series will include monographs and collections of studies devoted to the investigation and exploration of knowledge information and data processing systems of all kinds no matter whether human other animal or machine Its scope is intended to span the full range of interests from classical problems in the philosophy of mind and philosophical psychology through issues in cognitive psychology and sociobiology concerning the mental capabilities of other species to ideas related to artificial intelligence and to computer science While primary emphasis will be placed upon theoretical conceptual and epistemological aspects of these problems and domains empirical experimental and methodological studies will also appear from time to time Sam Coval and Peter Campbell provide a painstaking and distinctive analysis of the nature of action and agency They introduce a conception of acts which encompasses the purposes that motivate them the beliefs on the basis of which they are undertaken and the effects that they bring about They compare and contrast their account with ones advanced by Davidson Brand Searle Danto and other while elaborating its consequences for understanding the nature of alibis mistakes accidents inadvertence and the like The valuable diagrams and the discussion



of the software program they have developed which implements their theory amply displays the potential of combining philosophy and AI with law and other disciplines focused upon agency J H F      **Midget Submarine Commander** Paul Watkins, 2013-01-19 A biography of the twentieth century British Royal Navy officer and Victoria Cross recipient who fought below above and on the waves Of all the acts of gallantry in World War II few were as audacious as the attack by midget submarines on the pride of the German fleet the battleship Tirpitz lying in her heavily fortified lair deep in a Norwegian fjord Lieutenant Godfrey Place was in command of submarine X7 in September 1943 and travelled over 1 000 miles negotiating minefields and anti submarine nets to place four tons of high explosive accurately under the hull of the Tirpitz For this he was awarded the Victoria Cross in 1944 at the age of twenty two Taken prisoner he was repatriated to England at the end of the war and continued to serve in the Royal Navy for twenty five years flying with 801 squadron in the Korean War and serving on aircraft carriers at Suez Nigeria and the withdrawal from Aden On his retirement in 1970 he had the distinction of being the last serving naval officer to hold the Victoria Cross This overdue biography details Godfrey Place VC s eventful life from a childhood spent partly in East Africa to being the hugely respected Chairman of the Victoria Cross and George Cross Association for over twenty years Thanks to the author s extensive access to previously unpublished material including Place s own recollections of the attack there is unlikely to be a better or more thrilling account of the attack on the Tirpitz

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web c the nut may need to be slightly tightened or loosened to meet the required end play d rotated counterclockwise against the retainer nut e use a hammer and staking tool to stake the stake washer to the spindle nut in three positions conventional wheel end systems initial adjusting nut torque a final adjusting nut torque c spindle thread

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web wheel nut checking important in addition to the maintenance interval in this manual check the wheel nut torque the first 50 to 100 miles 80 to 160 km of operation after a wheel has been removed and installed when checking wheel nuts on a stud piloted dual disc assembly remove one outer nut at a time tighten the inner nut then reinstall

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web to place the nut on the spindle or tighten or loosen the nut on the spindle while the keeper is installed inside the nut doing so may deform the keeper and allow the nut to unthread during operation spindle thread damage could also occur leaving the axle unusable do not bend or manipulate keyway tang in any way

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web the spindle nut system if the locking device can not be engaged advance the spindle nut until the lock can be engaged double jam nut systems torque the inner spindle nut to 300 ft lbs while rotating the hub advance the inner nut as necessary to engage the locking ring do not back off the spindle nut install the

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web inner spindle nut torque a outer nut torque out of service end play criteria trailer two piece nut system preset by meritor 300 lb ft 408 n m 200 lb ft 272 n m 0 006 0 1524 mm or more service the preset hub assembly nut torque acceptable end play criteria b trailer single nut system pro torq 200 lb ft 272 n m back off until loose

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web step 1 bearing lubrication lubricate the wheel bearing with clean lubricant of the same type used in the axle sump or hub assembly step 2 initial adjusting nut torque tighten the adjusting nut to torque of 200 ft lbs while rotating the wheel step 3 initial back off back the adjusting nut off one full turn step 4

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