

Amphibious Tank

David Fletcher

US Amphibious Tanks of World War II Steven J. Zaloga, 2012-08-20 The advent of combined arms operations in World War II created the need for specialized armored vehicles. In the case of amphibious attacks, the issue arose of how best to land tanks on a beach. Although a variety of specialized landing craft were developed, the Dieppe raid in 1942 encouraged the development of tanks that could be deployed from further off-shore to limit the vulnerability of the LCT craft. The deep-wading equipment that they developed was first used during Operation Husky on Sicily in July 1943, and subsequently for Operations Avalanche (Salerno, September 1943), Shingle (Anzio, January 1944) and Overlord (Normandy, June 1944). The US-manufactured DD tanks were used during Overlord by both US and British forces, and again in 1945 during the Rhine crossings. Initially, developments in the Pacific Theater were separate from those in Europe. The Marines learned from the Tarawa landings in 1943 that unprepared tanks could not be safely landed even in shallow water. DD tanks were never seriously considered for the Pacific, so other solutions were sought. A detailed study of specialized US amphibious tanks, this is a title that will appeal to those interested in both Pacific and European Theaters, modellers and collectors.

Swimming Shermans David Fletcher, 2006-05-30 The Sherman DD (Duplex Drive) tank was designed by the Allies specifically for the D-Day landings; enveloped in a waterproofed canvas screen, the tank was launched at sea from landing craft and then 'swam' slowly to shore, where the screens were deflated, allowing the tanks to operate as fighting vehicles. Exploring the development and modifications of the Sherman DD, this book discusses its many variants, including the prototype Valentine DD tank and its role as a training tank in Britain and limited operational use in Italy, and examines the successes and tragic failures on the beaches of Normandy and further into North-West Europe, including the challenge of crossing the River Rhine.

Subject: Requirement For An Amphibious Tank Carl M. Zilian, Gene A. Weaver, John M. Rickerts, William Q. Harty, US Army Armor School, 1957 Problem: To determine the valid requirement of an amphibious tank (based on the amphibious features similar to that of the M59).

US Amphibious Tanks of World War II Steven J. Zaloga, 2012-08-20 The advent of combined arms operations in World War II created the need for specialized armored vehicles. In the case of amphibious attacks, the issue arose of how best to land tanks on a beach. Although a variety of specialized landing craft were developed, the Dieppe raid in 1942 encouraged the development of tanks that could be deployed from further off-shore to limit the vulnerability of the LCT craft. The deep-wading equipment that they developed was first used during Operation Husky on Sicily in July 1943, and subsequently for Operations Avalanche (Salerno, September 1943), Shingle (Anzio, January 1944) and Overlord (Normandy, June 1944). The US-manufactured DD tanks were used during Overlord by both US and British forces, and again in 1945 during the Rhine crossings. Initially, developments in the Pacific Theater were separate from those in Europe. The Marines learned from the Tarawa landings in 1943 that unprepared tanks could not be safely landed even in shallow water. DD tanks were never seriously considered for the Pacific, so other solutions were sought. A detailed study of specialized US amphibious tanks, this is a title that will appeal to those interested in both Pacific and European Theaters, modellers and collectors.

Subject: Feasibility of Amphibious Tank John C. Moon, US Army Armor School, 1957 Problem: To determine whether or not the requirement exists for the development of an amphibious tank.

The Infantry's Armor Harry Yeide, 2010 - Tanks, amphibian tanks, and amphibian tractors in action in all theaters, from Africa and Europe to the Pacific - How the battalions fought the war, often in the tankers' own words - Crystal-clear maps The U.S. Army's separate armored battalions fought in obscurity by comparison with the flashy armored divisions, but they carried the heavier burden in the grim struggle against the Axis in World War II. The battalions participated in every armored amphibious assault that the army conducted. They did most of the bloody work in Italy, made vital contributions in France, and constituted the entire effort in the Pacific.

Amphibious Tank Ye Orekhov, ARMY FOREIGN SCIENCE AND TECHNOLOGY CENTER CHARLOTTESVILLE VA., 1965

Amphibious Warfare Oscar E. Gilbert, Romain V. Cansière, 2018-08-19 "An easily accessible short history" of offensive military operations on hostile shores from the authors of *First to Fight: The U.S. Marines in World War I* (Midwest Book Review). One of the most difficult types of warfare to master, landing on a hostile beach requires scrupulous planning and intense coordination between the air, sea, and land forces. With a history reaching back to the Persians landing on the Greek shores at the Battle of Marathon in 490 BC, it was the First World War that marked the beginning of modern amphibious warfare, with the Royal Marines combining their efforts with the Royal Navy. Despite the disastrous Gallipoli amphibious operation to seize the Dardanelles Straits in 1915, the Royal Navy and US Marine Corps continued to develop new landing crafts through the interwar years. The Second World War proved more successful for amphibious warfare, with the Japanese invasion of the Philippines in 1941 crushing the American forces defending the Pacific islands and the D-Day landings by the Allied troops in 1944 initiating the beginning of the end of the war in Europe. This accessible short history looks at the historical development of amphibious warfare, telling the stories of particular landings and the units that have taken part in this unique type of warfare. The Royal Marines and US Marine Corps continue to evolve and play a crucial role in defense today, with specialized amphibious warfare ships being deployed to enable elite forces to respond promptly to threats across the globe. "A brief but very useful overview of an important aspect of modern warfare." —Baird Maritime

Swimming Shermans David Fletcher, 2012-05-20 The Sherman DD (Duplex Drive) tank was a brilliant innovation; the design and development of a tank that could float and even 'swim' in water was controversial. Each tank was enveloped in a waterproofed canvas screen, launched at sea from landing craft and then 'swam' to shore, where the screens were deflated, allowing the tanks to operate as fighting vehicles. This book discusses the Sherman DD's many variants, including the prototype Valentine DD tank and examines the successes and tragic failures on the beaches of Normandy and further into North-West Europe, including the challenge of crossing the River Rhine.

Landing Ship, Tank (LST) 1942-2002 Gordon L. Rottman, 2012-09-20 The Landing Ship Tank (LST) is one of the most famous of the many World War II amphibious warfare ships. Capable of discharging its cargo directly on to shore and extracting itself, the LST provided the backbone of all Allied landings between 1943 and 1945, notably during the D-Day invasion. Through its history, the LST saw service from late 1942 until late 2002, when the US Navy decommissioned the USS Frederick (LST-1184), the last ship of its type. This book reveals the development and use of the LST, including its excellence beyond its initial design expectations.

Landing Ship, Tank (LST) 1942-2002 Gordon L. Rottman, 2012-09-20 The Landing Ship Tank (LST) is one of the most famous of the many World War II amphibious warfare ships. Capable of discharging its cargo directly on to shore and extracting itself, the LST provided the backbone of all Allied landings between 1943 and 1945, notably during the D-Day invasion. Through its history, the LST saw service from late 1942 until late 2002, when the US Navy decommissioned the USS Frederick (LST-1184), the last ship of its type. This book reveals the development and use of the LST, including its excellence beyond its initial design expectations.

Tanks of D-Day 1944 Steven J. Zaloga, 2021-06-24 Allied success in invading Fortress Europe (the area of Continental Europe occupied by Nazi Germany) depended on getting armor onto the beaches as fast as possible. This book explains how the Allies developed the specialist tanks it needed, their qualities, deployment and numbers, and how they performed on the two crucial days when France was invaded, firstly in Normandy and then in Provence. The focus of this volume will be on the specialized tanks developed for the Operation Neptune amphibious landings including the Duplex Drive amphibious Sherman tanks used on both the US and British/Canadian beaches. It also covers the specialized engineer tanks called "Armoured Funnies" of the British 79th Armoured Division and addresses the popular myth that US Army refusal to employ the Armoured Funnies was a principal cause for the high casualties at Omaha Beach. There is also coverage of Operation Overlord's "Forgotten D-Day", the amphibious landings of Operation Dragoon. This book addresses why there were so few Panzers opposing the landings from the German perspective as well as detailing the extent of German tank/assault gun activity on D-Day.

PT Seventy Six Light Amphibious Tank and Variants Christopher Frank Foss,1974

The US Marine Corps in the Vietnam War Ed Gilbert,2013-01-20 III Marine Amphibious Force was conceived as a division command for a small Marine Corps commitment to Vietnam. Within four years it had grown to a reinforced corps of two divisions, an air wing, and the division-sized Force Logistics Command. This organization was unique in Marine Corps history in that it merged combat and major logistical functions under a single field command. This book examines the origins and constantly changing organizational structure of III MAF, and demonstrates how it conducted its savage struggle against Viet Cong guerrillas and North Vietnamese Army regular forces in the northern provinces of Vietnam.

US World War II Amphibious Tactics Gordon L. Rottman,2012-09-20 The US armed forces were responsible for many tactical innovations during the years 1941-45, but in no field was US mastery more complete than amphibious warfare. In the vast, almost empty battlefield of the Pacific the US Navy and Marine Corps were obliged to develop every aspect of the amphibious assault landing in painstaking detail, from the design of many new types of vessel, down to the tactics of the rifle platoon hitting the beach, and the logistic system without which they could not have fought their way inland. This fascinating study offers a clear, succinct explanation of every phase of these operations as they evolved during the war years, illustrated with detailed color plates and photographs.

BT Fast Tank Steven J. Zaloga,2016-08-25 When the Red Army needed to mechanize its cavalry branch in the 1930s, the BT fast tank was its solution. Based on the American Christie high-speed tank, the Red Army began a program to adapt the design to its own needs. Early versions were mechanically unreliable and poorly armed but by the mid-1930s, the BT-5 emerged, armed with an excellent dual-purpose 45mm gun. It saw its combat debut in the Spanish Civil War in 1937 and was later used in the border battles with the Japanese Kwangtung Army in the late 1930s. The final production series, the BT-7, was the most refined version of the family. One of the most common types in Red Army service in the first years of the Second World War, BT tanks saw extensive combat in Poland, Finland, and the opening phases of Operation Barbarossa in 1941 and latterly during the 1945 campaign against the Japanese in Manchuria - this is the story of their design and development history.

Pioneers of Amphibious Warfare, 1898-1945 Leo J. Daugherty III,2009-11-06 The planning that allowed for the successful amphibious landings at the end of World War II actually began during the 1880s as the Marine Corps sought to define its role in the new Steel Navy. Officers braved skepticism, indifference and outright opposition to develop an amphibious warfare doctrine, with each service contributing. From the 1898 war with Spain through the disastrous 1915 Australian landing to the successful World War II assaults in the Pacific and northwest France, this chronological history explores the successes and failures pivotal to the concept of amphibious warfare through the lives and careers of fourteen officers instrumental to its development. Profiles include General George S. Patton, Jr.; Rear Admiral Walter C. Ansel, USN; Lieutenant General John A. Lejeune, USMC; Admiral William Sims, USN; and Colonel Robert W. Huntington, USMC.

Marines Under Armor Kenneth Estes,2013-04-11 In this story of men, machines and missions, Kenneth Estes tells how the U.S. Marine Corps came to acquire the armored fighting vehicle and what it tried to do with it. The longtime Marine tank officer and noted military historian offers an insider's view of the Corps's acquisition and use of armored fighting vehicles over the course of several generations, a view that illustrates the characteristics of the Corps as a military institution and of the men who have guided its development. His book examines the planning, acquisition, and employment of tanks, amphibian tractors, and armored cars and explores the ideas that led to the fielding of these weapons systems along with the doctrines and tactics intended for them, and their actual use in combat. Drawing on archival resources previously untouched by researchers and interviews of both past and serving crewmen, Estes presents a unique and unheralded story that is filled with new information and analysis of the armored vehicles, their leaders, and the men who drove these steel chariots into battle. Such authoritative detail and documentation of the decisions to acquire, develop, and organize armored units in the U.S. Marine Corps assures the book's acknowledgement as a definitive reference.

Amtracs Steven J. Zaloga,1999-09-01 The first prototype for the LVT (Landing Vehicle Tracked) was completed in July 1941, its design based on the Alligator, a tracked amphibious vehicle developed for rescue operations in the swamps of Florida. Though the early conception of amtrac operations envisioned using LVTs solely as supply vehicles, at Tarawa amtracs demonstrated their utility as assault vehicles to carry troops, leading to the development of new models. This book covers the evolution of amtracs, from the first LVT-1 to the LVT-7; their numerous variants; and their use throughout World War II and beyond.

US Flamethrower Tanks of World War II Steven J. Zaloga,2013-10-20 The US Army and Marine Corps experimented with a wide range of flame-thrower tanks through World War II in both the European and Pacific theaters. Although the US Army deployment of flame-thrower tanks in the ETO was problematic at best, flamethrowers were much more widely used in the Pacific theater and became ubiquitous by 1945, including an entire Army flamethrower tank battalion on Okinawa in 1945, the largest single use of flamethrower tanks in World War II. This will cover the initial attempts at the use of auxiliary flamethrowers by both the US Army and Marine Corps in 1943, the standardized adoption of the Satan flamethrower tank by the Marines in 1944, the development of main gun flamethrowers by the Marines and US Army based on the POA-CWS designs, and the myriad other types tested in combat including the powerful LVT-4 design using Navy flamethrowers at Peleliu in 1944. Due to the extensive Japanese use of fortifications in the final year of the Pacific war, Flamethrower tanks became one of the most important solutions in American tactics.

Uncover the mysteries within is enigmatic creation, Embark on a Mystery with **Amphibious Tank** . This downloadable ebook, shrouded in suspense, is available in a PDF format (Download in PDF: *). Dive into a world of uncertainty and anticipation. Download now to unravel the secrets hidden within the pages.

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