

PTC 9 Cycles Mod ReadMe

The top level of the archive package for this mod contains two files you should move out of your MODS folder: this PTC9ReadMe file and the text file (PatrolAreas.txt) is the database needed for Kim's Tbox.

This mod is designed specifically for the Pacific Thunder Campaign and the Single Patrol Generator developed by our technical wizard, Kim Rønhof. This important development is the key to running the PTC in essentially the same manner as we did when we were using the Commander's Edition. We can also start to use the continuous American Career option and the crew management feature.

The Tbox tool is tied to a database of 150 Silent Hunter mission files that have been modified in full or partially. Thirty-seven of them have Type 5 objectives as the primary objective. In other words, when you change the game-assigned primary mission to one of these, you will receive orders to deploy to a certain area and to search for and sink a specific tonnage amount (generally 10,000-tons) of enemy shipping. You are not tied to the specific area for a set time period (as in a Type 0 objective). However, you are expected to patrol the assigned area and request permission from your CO before changing areas. The other missions are designated special operations (Spec Ops), such as photographic reconnaissance, lifeguard duty, personnel or supply insertion, or a special patrol assignment (Type 5 objective) as part of a task force or wolf pack (e.g., in the Battle of Midway, Battle of the Coral Sea, Battle of Truk, or Battle of Leyte Gulf). COMSUBPAC will assign these as your primary objective. In the case of photo recons, lifeguard duty, and insertions, after you complete the primary Spec Op objective, you will receive orders within the game to deploy to a specific area where you will search for and sink enemy shipping (Type 5 objective) after the Spec Op objective has been completed successfully.

I wish to thank Art Anker for some edits to my localization file which changed torpedo data from the Metric to the Imperial system in the torpedo data screen. I also extend my thanks to Carotio for his Truk Atoll mod, which I have included with some additions of my own. Finally, my thanks to Jacell for his map labels mod, which I have also included with some additions.

The mod has a total of thirteen flotillas - Pearl Harbor, Dutch Harbor, Fremantle, Brisbane, Midway Island, Tulagi, Mios Woendi, Majuro, Manus Island, Saipan, Guam, Subic Bay, and New Caledonia (Sub School). With the exception of New Caledonia, these will be used as forward operating bases for the three principal commands - Pearl, Fremantle, and Brisbane. It will be left to the SUBRON COs to decide how to allocate resources to them. Transfers to other flotillas will be accomplished via the telephone in the office.

Sub School has been moved to Noumea, New Caledonia. Training missions are now conducted in a hot war zone as part of the dynamic campaign - students transfer their career to a regular flotilla upon completion of all training exercises. I created five training missions that mirror the types of objectives they will receive in a regular flotilla. They will have to use Tbox to load the missions, and learn how to manage their crew. The missions cover photo recons, lifeguard duty, insertions, and patrol type objectives.

The mod includes 203 new map locations - ports, villages, towns, islands, and waterways. I spent a considerable amount of time researching the Philippine Archipelago, the Bismarck Archipelago, New Guinea, and the Micronesia and Solomon island chains to ascertain the types of harbors and port facilities present during the war. I also wanted to ascertain the exact dates of occupation by the Japanese, the sizes of their garrisons, and the types of airdromes present. Some stock harbor locations will be conspicuously absent - Honiara, Melekeok, Saipan, Koror, Guam - just to name a few. This is because the harbors were not where the Dev Team put them or they just didn't exist. In making my changes I principally used Gordon L. Rottman's geo-military study (see bibliography below) as the definitive source.

All stock photo recons have been removed. I added 13 new historically accurate photo recon missions. Theodore Roscoe's book has a great discussion of submarine photographic reconnaissance during the Pacific War. There were only 13 formal submarine photographic reconnaissance missions. With the exceptions of Iwo Jima and Okinawa, they were all conducted in the Micronesia islands, starting in the Gilberts and ending at Palau. How it generally worked was Commander Amphibious Forces would make a request to Admiral Nimitz to have a submarine conduct a recon at an area under consideration for amphibious assault. (As happened at Truk, sending air recon units often tipped off the Japs and they would move their fleet units to safe harbors and fortify defensive positions.) Nimitz would confer with COMSUBPAC to determine if a submarine was available to do the job and if the circumstances justified the risk. If Nimitz and COMSUBPAC agreed to do it, personnel from PRISIC (Photographic Reconnaissance and Interpretation Section Intelligence Center) were assigned to outfit the submarine with the necessary equipment and convert a section of the sub (usually the lower sound room) into a darkroom and laboratory. On all but one of the recons, two PRISIC photographers went on the mission. The new missions mirror the above 13 recons. Each mission requires recons at more than one location. The key to doing them is to time the routes of enemy patrol craft (if present), run as quietly as possible, get within the zone, photograph the ships, and get out. I say ships because each location (except one) requires multiple photographs. Less formal photo recons were conducted, but the instances are not numerous. I added three such recon missions - at Christmas Island in the Indian Ocean, at Chichagof Harbor on Attu Island, and at Kavieng Harbor on New Ireland. So the total number of photo recon missions stays at 16 as in stock, but they are all new.

All stock personnel and supply insertion missions were removed. I replaced them with missions that mirror the Fremantle-based Spyron and Allied Intelligence Bureau missions in the Philippine Archipelago, the Bismarck Archipelago, the Netherlands East Indies, Southeast Asia, and the Solomon Islands. There are also several early war resupply missions from Pearl Harbor to Corregidor and one other location in the Philippine Islands. These missions are based on sources listed in the bibliography, specifically, *Guerrilla Submarines*, *Allied Intelligence Bureau: Our Secret Weapon in the War Against Japan*, *United States Submarine Operations in World War II*, *The Coast Watchers*, and *Sink 'Em All*. I also used the official war patrol reports available at the Historical Naval Ships Association Web site as a source.

New dynamic traffic layers for the Solomon Islands, New Guinea, Bismarck Sea, Vogelkop Peninsula, Gilbert Islands, Marshall Islands, Mariana Islands, Caroline Islands, Palau Islands, and the Philippine Archipelago have been added. Wherever the Japanese maintained a garrison we would expect to find harbor traffic and resupply convoys in transit to reinforce and sustain them. In some areas the stock traffic is nonexistent; in others it is insufficient. Having gotten a handle on the sizes, dates of occupation, and locations of the Japanese garrisons, I estimated the sizes and frequencies of supply convoys, and their transit routes. In the Solomons, the strength of our air forces forced the Japanese to operate at night, using fast patrol craft and transports. So in that theater you can expect to find Tokyo Express units making supply runs.

The Spec Op patrol missions for the Battle of the Coral Sea, Battle of Midway, Battle of the Philippine Sea, Battle of Truk, and Battle of Leyte Gulf will place assigned boats directly in the path of the Japanese fleet units. Your orders will be to Track, Report, and Attack - track the enemy fleet within your assigned area; report its movement to COMSUBPAC; and, attack high value targets (generally carriers and battleships).

Fine Print:

Permission is granted to download copies of the PTC 9 Cycles Mod from the SubSoWesPac.org web site for personal, non-commercial transitory use only. This is the grant of a license, not a transfer of title, and under this license you may not:

- modify or copy the materials;
- use the materials for any commercial purpose, or for any public display (commercial or non-commercial);
- attempt to decompile or reverse engineer the materials;
- remove any copyright or other proprietary notations from the materials; or
- transfer the materials to another person or "mirror" the materials on any other server.

This license shall automatically terminate if you violate any of these restrictions and may be terminated by SubSoWesPac.org at any time. Upon terminating your use of these materials or upon the termination of this license, you must destroy any downloaded materials in your possession whether in electronic or printed format.

The PTC 9 Cycles Mod is designed for and has been tested in a stock installation of *Silent Hunter Wolves of the Pacific* version 1.5. The PTC 9 Cycles Mod on the SubSoWesPac.org web site is provided "as is." SubSoWesPac.org makes no warranties, expressed or implied, as to its functionality if the user attempts to use it with any mod not specifically referenced in this document.

Contact me (Ed Howard) at admin@subsowespac.org if you have any questions or bug reports.

Bibliography:

- Lockwood, Charles A. *Sink 'Em All*. New York: Bantam Books, 1984.
- Morison, Samuel E. *History of United States Naval Operations in World War II: The Coral Sea, Midway, and Submarine Actions, May 1942 - August 1942, Vol. IV*. Boston: Little, Brown and Company, 1948.
- Morison, Samuel E. *History of United States Naval Operations in World War II: The Struggle for Guadalcanal, August 1942 - February 1943, Vol. V*. Boston: Little, Brown and Company, 1949.
- Morison, Samuel E. *History of United States Naval Operations in World War II: Breaking the Bismarcks Barrier, 22 July 1942 - 1 May 1944, Vol. VI*. Boston: Little, Brown and Company, 1950.
- Morison, Samuel E. *History of United States Naval Operations in World War II: Aleutians, Gilberts and Marshalls, March 1943 - April 1944, Vol. VII*. Boston: Little, Brown and Company, 1951.
- Morison, Samuel E. *History of United States Naval Operations in World War II: New Guinea and the Marianas, March 1944 - August 1944, Vol. VIII*. Boston: Little, Brown and Company, 1953.
- Rottman, Gordon L. *World War II Pacific Island Guide: A Geo-Military Study*. Westport, CT: Greenwood Press, 2002.
- Roscoe, Theodore. *United States Submarine Operations in World War II*. Annapolis, MD: Naval Institute Press, 1949.
- The West Point Military History Series. *West Point Atlas for the Second World War: Asia and the Pacific*. Garden City Park, NY: Square One Publishers, 2002.
- Dissette, Edward and H. C. Adamson. *Guerrilla Submarines*. New York: Bantam Books, 1976.
- Feldt, Commander Eric A., Royal Australian Navy. *The Coast Watchers*. Oxford University Press, 1979.

WEB SITE

Historic Naval Ships Association has a section with World War II American submarine war patrol reports photographed and reproduced on microfilm. <http://www.hnsa.org/doc/subreports.htm>