World War II Submarines

World War II submarines were effective warships because they were essentially invisible.

In addition to submerging underwater, the submarine's paint scheme was designed to hide the vessel. The vertical surfaces were painted two shades of haze gray to blend with the horizon and avoid detection by surface vessels. The horizontal faces were painted black so it could not be viewed from an enemy airplane.

The World War II submarine service was a small, elite and well-trained force. While they were responsible for sinking more than 50 percent of all Japanese merchant ships, the force comprised less than two percent of U.S. Navy personnel. Unfortunately, the submarine force also recorded the highest percentage of men lost with more than 3,500 men in 52 submarines never returning from patrol.

Help Preserve Our History www.maritime.org/SOS

SUPPORT THE PRESERVATION

Steward of the USS *Pampanito*, the SFMNPA is a 501c(3) non-profit organization. As such, we rely heavily on private donations and grants to preserve our historic vessel. To assure the near-and long-term survival of the *Pampanito*, we have launched a Preservation Campaign, seeking to raise \$2 million.

These funds will be applied as follows:

Drydocking: \$500k

\$410K • Towing, pilot, crane service

- Dry-dock fees
- Prep and paint below the waterline
- Zincs
- Renew torpedo tube gaskets, close sea closets
- Minimal steel repair underwater aft
- Inspecting and renewing sea interface packing
- Painting of sanitary tank

\$60K • Steel repairs to superstructure

\$20K • Contingency/management reserve

\$10K • Sanitary sub-tank for overnight programs

Additional work needed: \$500K

\$320K • Coatings inside of tanks

\$80K • New wood deck with repair of supporting **frames**

\$50K • Coatings under superstructure

50K • Replicate 5" 25 cal gun mount aft

Preservation Endowment: \$1MM

• To establish a permanent base of preservation funding

Join our campaign, for further information please contact us:

San Francisco Maritime National Park Association

Pampanito Preservation

Fort Mason Center, Building E P.O. Box 470310 San Francisco CA 94147-0310 (415) 561-6662



Help Save Our Ship www.maritime.org/SOS

Help Preserve the USS Pampanito: Keep Her Afloat!

World War II Submarine, Floating Museum and National Historic Landmark

Support Our Bay Area Maritime Heritage with a Generous Contribution



PRESERVATION CAMPAIGN



SAN FRANCISCO MARITIME NATIONAL PARK ASSOCIATION

We Need Your Help www.maritime.org/SOS

Submarine Restoration Needs Your Public Support

The Pampanito has been largely restored to her configuration of late summer 1945, which represented the height of World War II submarine technology. As part of our ongoing restoration effort, the San Francisco Maritime National Park Association scours the world to find missing equipment and spare parts. Today, nearly everything missing has been replaced and most of the equipment on board is fully operational. Thanks to the tireless efforts of a dedicated group of volunteers, staff and donors, the USS Pampanito is considered one of the finest examples of maritime preservation in the country and was designated a National Historic Landmark in 1986.

The San Francisco Maritime National Park Association is a non-profit organization dedicated to maritime preservation and education. Each year, thousands of Americans and international visitors make charitable contributions to the Association to support the USS *Pampanito* and other programs.

To learn more about supporting this living memorial to the Silent Service, contact the Association at P.O. Box 470310, San Francisco, CA 94147

Help Save Our Ship: maritime.org/SOS

The USS Pampanito: A look Back

The USS *Pampanito* (SS-383) was built in 1943 at Portsmouth Naval Shipyard in New Hampshire. She made six World War II patrols and was one of 327 U.S. submarines.

The USS Pampanito by the numbers:

- 650 feet was the maximum depth she dove
- 90 Days (from start to finish) to build her
- 80 Men called her home (70 crew members and 10 officers)
- 75 POWs were rescued by the USS *Pampanito*
- 21 Knots was her maximum surface speed
- 13 Months of wartime service
- 9 Knots was the maximum speed she could travel submerged
- 6 Enemy vessels were sunk







The USS Pampanito: Today



Owned and operated by the SFMNPA, the USS *Pampanito* serves as both a museum and a

memorial, honoring not just the sailors who manned her battle stations, but all who have served in protecting our nation. Today, she is located on



Pier 45 at San Francisco's Fisherman's Wharf.

Each year the USS *Pampanito* receives more than 100,000 visitors from around the world and the crew conducts educational programs for thousands of Northern California school children.

