

**UNITED STATES SHIP
PASADENA
(SSN 752)**



Welcome Aboard!



The ship's insignia is surrounded by a mooring line with a blue background, emphasizing the nautical character of the seal. The surrounding banner carries the ship's hull number and name and is bracketed by the motto, "Anytime, Anywhere." The motto, in addition to enhancing the central combative caricature, states in clear terms the readiness of today's force to fight anywhere in the world on short notice in the national interest. The red rose ties the ship to Pasadena, California, the City of Roses, home of the New Year's Day Parade which dates back more than 50 years. The rose is also now our national flower. The turtle pugilist ties SSN 752 to the USS PASADENA (CL-65), the World War II Light Cruiser which earned five battle stars.

Welcome Aboard,

The Officers and Men of USS PASADENA take great pride in extending to you the hospitality of the Submarine Force and the United States Navy. It is our desire to make your stay with us enjoyable and worthwhile. We stand ready to assist you in any way possible.

As a warship, PASADENA is neither spacious or designed for large numbers of people. Submariners are accustomed to this environment. If you need assistance or an explanation of the equipment or activities aboard, please do not hesitate to ask any crew member.

This pamphlet is provided as a memento of your visit and includes information necessary to ensure your health and comfort while aboard. As your hosts, we are committed to making your visit on PASADENA informative, interesting, and pleasant.

M. S. GINDA
Commander, U.S. Navy
Commanding Officer

CHRONOLOGY OF COMMANDING OFFICERS

CDR W.J. FRITCHMAN, USN FEB 89-NOV 89

CDR D.I. THIGPEN, USN NOV 89-SEP 92

CDR W.J. LARSON, USN SEP 92-SEP 94

CDR S. L. CONNORS, USN SEP 94-OCT 96

CDR S.R. VANBUSKIRK, USN ...OCT 96-JUN 99

CDR M.S. GINDA, USN JUN 99-PRESENT





Commander Mark S. Ginda, a native of Kansas City, Missouri, graduated from the United States Naval Academy in 1982 with a Bachelor of Science degree in Electrical Engineering.

After completion of initial nuclear power training, Commander Ginda served as Chemistry and Radiological Controls Assistant and Main Propulsion Assistant on USS GEORGE C. MARSHALL (SSBN 654)(BLUE) from March 1984 to September 1986, conducting strategic deterrent patrols from Holy Loch, Scotland. In October 1986, he reported to Naval Nuclear Power School in Orlando, Florida, for instructor duty and assignment as Division Director, Enlisted Specialized Instruction. During this tour he was designated as a Master Training Specialist.

Commander Ginda reported to USS ALEXANDER HAMILTON (SSN 617)(BLUE) in May 1989, serving as Engineer Officer until May 1991. While Engineer Officer, he conducted Demonstration and Shakedown Operations in addition to strategic deterrent patrols. In July 1991, he relieved as Officer in Charge, Historic Ship NAUTILUS (SSN 571). From November 1993 to December 1994, Commander Ginda pursued postgraduate education at the Naval War College, earning a Master of Arts degree in National Security and Strategic Studies, and traveling to Russia as part of a student exchange program.

Commander Ginda reported to USS SAND LANCE (SSN 660) in March 1995 and served as Executive Officer until October 1996, participating in a major NATO submarine rescue exercise and an extended Arctic deployment, including surfacing at the North Pole. From November 1996 to August 1998, he was Flag Secretary to Commander, Submarine Force, U.S. Atlantic Fleet.

He is entitled to wear the Meritorious Service Medal (two awards), the Navy Commendation Medal (two awards), and the Navy Achievement Medal (four awards), in addition to unit and service awards.

Commander Ginda is married to the former Terry Lewis, of Honolulu, Hawaii. They reside with their two daughters, Katie and Ellen in Pearl Harbor.



The City of Pasadena

Pasadena! For millions of Americans, the name evokes images of relaxing in front of a television set each January 1, watching the first parade and football game of the year.

But for 133,000 people, this Southern California community is more than just the Tournament of Roses Parade and the Rose Bowl game. It's home.

Primarily a residential community and a suburb of Los Angeles, the city is a center for industrial research and light manufacturer of scientific and electronic precision instruments, china, ceramic art objects, pharmaceutical products and cosmetics. It is also an important retail trading center.

The land on which Pasadena stands was once occupied by the Hahamognas Indians. The Spaniards arrived in 1771 and set up the San Gabriel Mission. Under a grant from the mission fathers, the land became Rancho San Pascual in 1826.

After several changes in ownership, the land was settled in 1873 by a group from Indiana and was known as the "Indian Colony." Two years later, the group adopted the name Pasadena, which means "valley" or "valley town" in Chippewa Indian dialect (Pasadena lies in the San Gabriel Valley). The name has also been interpreted as "Key of the Valley" or "Crown of the Valley," hence the adoption of both crown and key in the official city seal.



Namesake Naval Vessels

USS PASADENA (SSN-752) is the third naval vessel and first submarine so named in the United States Navy. Her missions include anti-submarine warfare, anti-submarine warfare and strike warfare.

The first PASADENA, a cargo ship originally named the War Beacon, was commissioned on May 13, 1918. She plied the treacherous waters between the United States and Europe making several trans-Atlantic crossings supplying critical material to the allies in the closing year of World War I.



The second PASADENA (CL-65) was launched on December 28, 1943 by the Bethlehem Steel Company in Quincy, Massachusetts. Commissioned June 8, 1944, she participated in several important naval campaigns in the Pacific theater during World War II. In her most significant engagement, PASADENA provided naval bombardment to cover the landings on the beaches of Iwo Jima.

As flagship for CRUDIV 17, PASADENA participated in continuous strikes against Japanese positions on Okinawa and Kyushu. On September 2, 1945, she anchored in Tokyo Bay to witness the official surrender ceremony. PASADENA was awarded five battle stars for her service during World War II.

Technology has dramatically changed the capabilities of naval warships since the original PASADENA served her country during World War I, but the mission of today's PASADENA (SSN-752) remains the same; to protect and preserve freedom and the national interests of the United States of America in every ocean of the world.



Ship's History

The USS PASADENA is the second Improved 688 Class submarine and was built by General Dynamics Corporation, Electric Boat Division, Groton, Connecticut, and was commissioned February 11, 1989.

Originally assigned to Submarine Force, U.S. Atlantic Fleet, PASADENA conducted an inter-fleet transfer in October 1990 to the Submarine Force, U.S. Pacific Fleet, and was home-ported in San Diego, California.

In July 1991, PASADENA became the first Improved 688 Class submarine to deploy, commencing a six month Western Pacific deployment. In June 1993, PASADENA commenced a six month Western Pacific deployment to the Persian Gulf. While deployed, PASADENA participated in several exercises with the Royal Saudi, Oman and Australian Navies.

In March 1995, PASADENA again sailed on a six month Western Pacific deployment. While deployed to the Arabian Gulf, PASADENA became the first United States SSN to conduct exercises with the Indian Navy, the first nuclear powered submarine to visit the port of Muskat, Oman, the first to operate continuously inside the Arabian Gulf, and the first SSN to be assigned to Commander, U.S. Fifth Fleet. From June to September 1996, PASADENA underwent a shipyard Selected Restricted Availability (SRA) where she was fitted with improved offensive and defensive weapons systems.

In November 1998, PASADENA once again departed on a six month Western Pacific deployment. While underway she was awarded three coveted submarine awards. The Tactical "T" was awarded for excellence in weapons. The Battle Efficiency "E" was awarded in recognition of PASADENA's as top selection of her squadron, demonstrated through daily excellence in all areas. The third award was the Golden Anchor, presented to PASADENA for excellence in retention of crew members.

PASADENA provides the Fleet Commander and Task Force Commander a multi-mission platform. With virtually unlimited endurance provided by her nuclear propulsion plant, the most advanced sonar, torpedo, cruise missile and mine delivery systems available, and the best combination of speed and stealth due to quieting, PASADENA's highly trained and dedicated crew is ready.

USS PASADENA (SSN-752)

Built by General Dynamics Corporation
Electric Boat Division, Groton, Connecticut

Keel Laid	20 December 1985
Launched	12 September 1987
Sponsor	Mrs. Pauline Louise Trost
Commissioned	11 February 1989
Length	360 Feet
Beam	33 Feet
Displacement Submerged	6,900 Tons
Speed	25+ Knots
Operating Depth	800+ Feet

USS PASADENA (CL-65)

Built by General Dynamics Corporation
Electric Boat Division, Groton, Connecticut

Keel Laid	06 February 1943
Launched	28 December 1943
Commissioned	08 June 1944
Length	610 Feet
Beam	66 Feet
Draft	24.5 Feet
Displacement	14,131 Tons Full Load
Armament	12-6in/47 (4x3), 12-5in/38 (6x2) 24-40mm (4x4,4x2), 21-20mm(21x1), 4 aircraft
Speed	32.5 Knots
Complement	1285

EXECUTIVE STAFF

CHIEF OF THE BOAT: The senior enlisted representative to the Commanding Officer. He ensures the crew's concerns are voiced and that the ship is trained, proficient, clean and ready to meet its assigned mission.

YEOMAN: Responsible for all administrative matters. They handle the mail, disbursing and maintain all ship's instructions.

MEDICAL DEPARTMENT REPRESENTATIVE: The Corpsman handles all medical and dental requirements for the crew. Better known as the "Doc."

COMBAT SYSTEMS DEPARTMENT

FIRE CONTROL DIVISION: Responsible for the operation and maintenance of the Fire Control System, they are the weapons targeting experts. If you want it blown up in a hurry.....call an FT.

SONAR DIVISION: Eyes and ears of a submarine. These acoustic experts find the prey and ensure the safety of the ship while operating submerged in any environment.

TORPEDO DIVISION: Ordnance experts. Responsible for the operation of Torpedo and Vertical Launch Systems and handling of all pyrotechnics, MK48 ADCAP torpedoes and missiles.

DECK DIVISION: Responsible for the cleanliness and preservation of the hull. This division is made up of mostly junior personnel and it is typically the first stepping stone in submarine life.

SUPPLY DEPARTMENT

STORES DIVISION: The logistics experts, responsible for maintaining an adequate supply of consumables and ready spare parts. The "Walmart" of the underwater world, these sailors keep the ship operating.

MESS MANAGEMENT DIVISION: Provide the culinary delights of sea-going men. This fine group of sailors serve an average of 400 meals a day.

NAVIGATION DEPARTMENT

NAVIGATION DIVISION: Responsible for the maintenance of navigation and interior communications equipment. These men take care of everything from charting our course in the ocean to repairing complex electronic equipment

COMMUNICATIONS DIVISION: Responsible for the maintenance and operation of communications equipment. From telephones and radio transmitters, to electronic messages and e-mail, this group of men keep us in touch with the world.

ENGINEERING DEPARTMENT

ENGINEERING DEPARTMENT MASTER CHIEF: The enlisted leader in the propulsion plant, he is responsible for the training and readiness of all Engineering Department personnel.

MACHINERY DIVISION: Responsible for the operation and maintenance of propulsion systems and all related equipment. They ensure the ship makes it where we need to be.

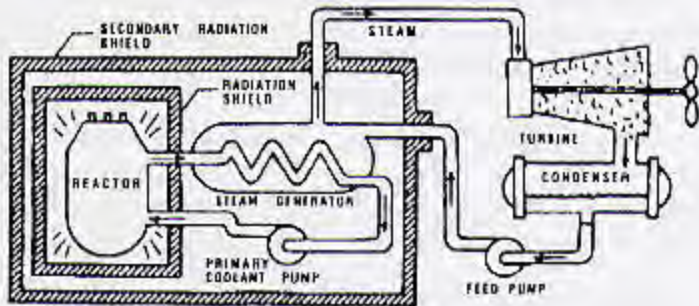
REACTOR CONTROLS DIVISION: Responsible for the operation and maintenance of equipment and instrumentation which controls and monitors the reactor systems.

REACTOR LABORATORY DIVISION: Responsible for evaluating and maintaining chemistry in the primary and secondary systems as well as radiological controls associated with the reactor plant

AUXILIARY DIVISION: Responsible for ship's hydraulics systems, air purification systems, plumbing and emergency diesel generator. They are integral to the safe operation and maintenance of over 75 percent of the ship's systems.

ELECTRICAL DIVISION: Responsible for electrical power generation and distribution throughout the ship. USS PASADENA's version of Hawaii Electric.

THE PROPULSION PLANT



PASADENA'S propulsion plant uses a nuclear reactor to provide heat. The heat comes from the fissioning of nuclear fuel contained within the reactor. Since the fissioning process also produces radiation, shields are placed around the reactor so that the crew is protected.

The nuclear propulsion plant uses a pressurized water reactor design, comprised of two basic systems; the primary system and the secondary system. The primary system uses pumps to circulate ordinary water through the reactor, piping loops, and steam generators. The heat produced in the reactor is transferred to the water under high pressure so it does not boil. The water is pumped through the steam generators and back into the reactor for reheating. In the steam generator, the heat from the water in the primary system is transferred to the secondary system to create steam.

The secondary system is isolated from the primary system so that water in the two systems do not intermix. In the secondary system, the steam flows from the steam generator to drive the turbine generators, which supply the ship with electricity, and to the main propulsion turbines, which drive the propeller. After passing through the turbines, the steam is condensed into water which is fed back to the steam generators by the feed pumps. Thus, both the primary and secondary systems are closed systems where water is recirculated and reused. There is no step in the generation of power which requires the presence of air or oxygen. This allows the ship to operate completely independent from the earth's atmosphere for extended periods of time.

GENERAL INFORMATION

WARNING SIGNS: Please observe all warning signs. Consult with crew-members for assistance in any matter.

EMERGENCIES: Should any emergency situation arise, alarms will be sounded and the appropriate word passed. You are requested to **STAND FAST BUT CLEAR** of all passageways and operating areas. Do not obstruct ladders, hatches, or the water-tight door. Allow ship's personnel to perform required action without interference. The member of the ship's company in charge at the scene will explain the situation as soon as he is able. Please follow the instruction of the man in charge at the scene without hesitation. Above all, remain calm! We are professionals..... we do this for a living.

OPERATION OF SHIP'S EQUIPMENT: Do not operate any equipment or switches, position any valves or enter any posted areas without prior approval from ship's force to do so. Observe posted precautions and procedures in all operations.

SECURITY: Certain aspects of the ship's operational characteristics and certain areas of the ship are classified. The Radio Room, Sonar Room, Combat Systems Equipment Space and Engine Room are classified areas.

MEDICAL FACILITIES: The ship has a Hospital Corpsman available at all times and he should be consulted for any illness or injury that may occur during your visit. It is recommended that persons susceptible to motion sickness obtain medication prior to getting underway. The Hospital Corpsman can be contacted through the Chief of the Watch when the ship is underway and through the Duty Chief Petty Officer while in port.

Submarine Force Centennial 1900 – 2000



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