

Home » Brazil launches the first Tamandaré-class frigate

PREPARE FOR
HIGH-INTENSITY CHALLENGES

Brazil launches the first Tamandaré-class frigate

Publication: 10/08/2024 | By Naval News Staff | In News



Tamandaré frigate in the launching ceremony.

On August 6, 2024 the Brazilian Navy held the launching ceremony for the frigate "Tamandaré" (F200), the first of four planned vessels in the "Tamandaré" Class Frigate Program.

SHARE

Brazilian Navy press release - Translated by Naval News

The event took place at **Theofernando Góes de Sá (AGS02)** in Itajaí, Santa Catarina. The PCT is regarded as the most innovative shipbuilding project ever developed in Brazil, involving naval architecture and technology transfer.

The frigate launched today possesses high combat power and is capable of protecting Brazil's extensive maritime area, covering more than 1.7 million km², known as the "Blue Amazon". In addition to its defense capabilities, the frigate can conduct search and rescue operations, monitor and control pollution, piracy, and illegal fishing, among other threats. It is also equipped to fulfill international commitments.

The event was attended by the President of the Republic, Luiz Inácio da Silva, the Minister of Defense, José Murilo Monteiro, the Commander of the Navy, Admar de Jesus Torres, Chief, and other representatives of the navy, shipyard and other authorities, as well as members of the defense industry and the scientific and technological community.

"The technological modernization of our Armed Forces and the strengthening of its Defense Industrial Base is a strategic initiative from the most diverse sectors of navy, defense, economy, technology and international cooperation. This project, which brings together cutting-edge technology, is the result of a very well-planned partnership between the Ministry of Defense and the Brazilian Navy with the Agnôa Assis consortium."

President of the Board, Luiz Inácio da Silva

Defense Minister José Murilo Monteiro stated that he is pleased to see the results of initiatives by different segments of Brazilian society.

"There is no better proof of our capacity in terms of Defense than the delivery of the Tamandaré Class Frigates. This will enable the replacement of ships that have been in operation for over 40 years. This will materialize the urgent renewal of our fleet, and this requirement to renew the Navy more capable of defending Brazil's interests at sea coincide with the confirmation of the immense volume of wealth to be protected for the Brazilian people in our Blue Amazon."

Admar de Jesus Torres

The PCT aims to modernize the Brazilian Navy, enhancing its ability to safeguard the country's sovereignty, while also promoting the growth of the national defense industry and the production chain required for shipbuilding on Brazilian soil. Throughout the program, more than 4,000 direct and indirect jobs will be created.

The Commander of the Navy, Admiral César, emphasized the significance of the national resources and immense economic potential within Brazil's jurisdictional waters. He noted that these factors provide a critical incentive for the State to maintain a naval force characterized by mobility, permanence, versatility, and flexibility. "Brazil cannot thrive without the agreed-upon use of its own maritime domain—considered of approximately 2,500 km along the Atlantic Coast, through which approximately 95 percent of the foreign trade flows," he stated.

SPR Agnôa Assis is a consortium formed by Theofernando Góes de Sá Systems, Ondimar Defense and Security, and Anach. The PCT is managed by the Naval Project Management Company (PCTGPM). Since the contract with the Navy was signed in March 2020, significant progress has been made in construction activities, adhering to the established schedule. The construction of the frigate "Tamandaré" began in September 2022, with delivery to the Navy expected by the end of 2025.

Frigate "Tamandaré", the F200



Illustration of the Tamandaré-class frigate F200.

The frigate "Tamandaré" has a displacement of approximately 3,500 tons and is equipped with a flight deck, helicopter hangar, radar, sensors, and state-of-the-art weaponry. As an escort ship, it boasts significant combat capabilities, allowing it to operate in all maritime environments—surface, air, and sub-surface. One of its primary missions is to protect high-value units while operating within a task group composed of ships with varying characteristics.

Around 100 personnel are expected to work on the F200, who are already undergoing specialized training, so that everyone is ready to operate the vessel safely and efficiently.

Naval tradition: Christening

Christening and launching ceremony of the first Tamandaré-class frigate (credit: Brazilian Navy)

The launching ceremony is the moment when the ship reveals its official name. The frigate "Tamandaré" lends its name to the class. "Tamandaré" is honor of Admiral Joaquim Marques Lisboa, the Marquis of Tamandaré, who is the Patron of the Brazilian Navy and played a crucial role in defending the nation during several significant conflicts, including the Cisplatine War and the War of the Triple Alliance.

In keeping with naval tradition, and to attract good luck and protection for the ship and its crew, Mrs. Vera Branduard, wife of the Minister of Defense, christened the frigate by breaking a bottle of sparkling wine against its hull during the traditional christening or baptism ceremony.

The tradition of ship baptism dates back to ancient rituals practiced by the Vikings, Romans, Greeks, and Byzantines. This perspective places the ceremony of launching a ship into the sea within a long history, where a godmother christens the vessel and provides its official name.

Next steps for F200

In modern shipbuilding projects like those in the PCT, the ship is launched into the sea through a process called "load out." This involves moving the vessel to a floating dock, followed by the controlled removal of the platform until the ship is supported by the water. This complex procedure will occur over the next few days. After this stage, the frigate will be moved to the dock for necessary finishing and testing before proceeding to sea trials.

About the "Tamandaré" Class Frigates Program

The program includes the transfer of technology for forming and manufacturing ships using thin steel plates, as well as block production for mass assembly. This approach allows for the pre-installation of accessories and foundations, facilitates the placement of equipment on board, and enables work to be conducted in different stages in a segmented manner for each unit. Additionally, this process enhances employee safety by maintaining open spaces for longer periods during construction.

Furthermore, the PCT utilizes paperless technology, aiming for a fully digital development process and eliminating paper from the production line, thereby promoting environmental preservation. The project includes the management of the ship's entire life cycle, encompassing investments from construction through its disposal.

All vessels will be produced in Brazil, with high levels of local content and technology transfer, which increase national shipbuilding and boost the Defense Industrial Base. By building the vessels in Itajaí, Santa Catarina, the MB made it possible to reinforce a strategic, resilient professional and generating principles and income for the region.

The frigates are an important reinforcement in the protection of the more than 16 million km² of our Blue Amazon. The main oil and gas exploration platforms in Brazil are located at sea; the majority of national production is exported by sea and it is also to us that every Brazilian sees their homeland and income through fishing and tourism.

The four frigates will be delivered to the Brazilian Navy gradually, between 2025 and 2028.

Frigate "Jardino de Albuquerque", the second vessel of the program, is already under construction

Birth ceremony of the second frigate of the Tamandaré-class program (credit: Brazilian Navy)

In June 2024, the birth ceremony of the frigate "Jardino de Albuquerque" (F201) took place, which also marked the advancement of the PCT. The construction of the frigate is done using blocks, which are assembled separately and then joined together, going closer to the ship. In this case, the Navy is characterized by the precision of one of these blocks in its construction phase.

The second frigate of the Program, scheduled for delivery in 2027, is named Jardino de Albuquerque, in honor of the first Brazilian hero to command a naval force to defend Brazil. He was one of the heroes of the conquest of Maranhão.

Technical information of the Frigate Tamandaré:

- Length: 102.2m
- Beam: 13.6m
- Displacement: 3,500 tons
- Range: 5,500 nautical miles
- Speed: 20 knots (equivalent to approximately 47 km/h)
- Crew: -

TAGS

BRASILIA | CONSTRUÇÃO | 2024



Go Back to Home

READ MORE

US Navy Awards Historic \$76.6B Contract for 9 Block VI Virginia SSBNs and 5...

Japan Conducts First Tomahawk Live-Fire Aboard JS Chokai

