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Safran Paseo XLR sight selected for Brazil's new Tamandaré-class frigates

Published on 25/05/2021 By Nathan Gain In News



Artist impression of Tamandaré-class. 19365 image

Safran's Paseo XLR (extra Long Range) optronic sight has been chosen by the Aguas Azuis consortium for Brazil's new Tamandaré-class frigates.

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The Brazilian navy will take delivery of four frigates, each displacing 3,500 metric tons, starting in 2026. They will each be fitted with two PASEO XLR sights.

Paseo XLR incorporates modules from Safran's airborne Euroflir optronic systems, in particular high-definition sensors coupled with a multispectral telescope, to identify threats on the horizon. Paseo XLR is also capable of detecting small craft hard to detect by conventional radar systems because they're close to the sea surface and often made of composite materials which are transparent to radar waves.



Paseo XLR sight (Safran image)

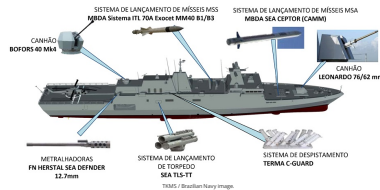
These characteristics make the Paseo XLR sight especially useful under asymmetric warfare conditions, where first-rate ships may operate near coastlines and could be surrounded by small craft with unknown intentions.

This extra long range sight will enhance the Brazilian navy's ability to cope with both conventional and asymmetric threats by increasing the safety zone around ships. As part of the ship's self-protection system, Paseo XLR will detect and identify various threats, even in rough seas, at high speeds and under in degraded visual environments. It also supports day/night fire control of these ships' main guns.

The first two Paseo XLR sights will be delivered to the Aguas Azuis consortium in Brazil at the beginning of 2023. Safran Electronics & Defense Brazil, a subsidiary of Safran Electronics & Defense, will provide customer support services, including spare parts and repairs.

About Tamandaré-class

ARMAMENTO



The Brazilian Navy's future corvettes have a total displacement of 3,455 tons, with a length of 107.2 m, width of 15.95 m and draft of 5.2 m. The two-shaft propulsion system will consist in four diesel engines MAN 12V 28/33 D5TC, electric power provided with four Caterpillar C32 diesel generators. The maximum speed of the design is 28 knots, economic ~ 14 knots. Weapons suite and sensor systems to be fitted on the class are presented in the images above.

TAMC / Brazilian Navy image

TAGS

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Nathan Gain

Nathan is based in Namur, Belgium. He holds an MA in modern history with a minor in international relations from the Catholic University of Louvain (CUL) - Belgium. Fascinated by military history he naturally turned to the defense sector after graduating and is particularly interested in Northern European and Belgian defense issues as well as in anything related to naval aviation.

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