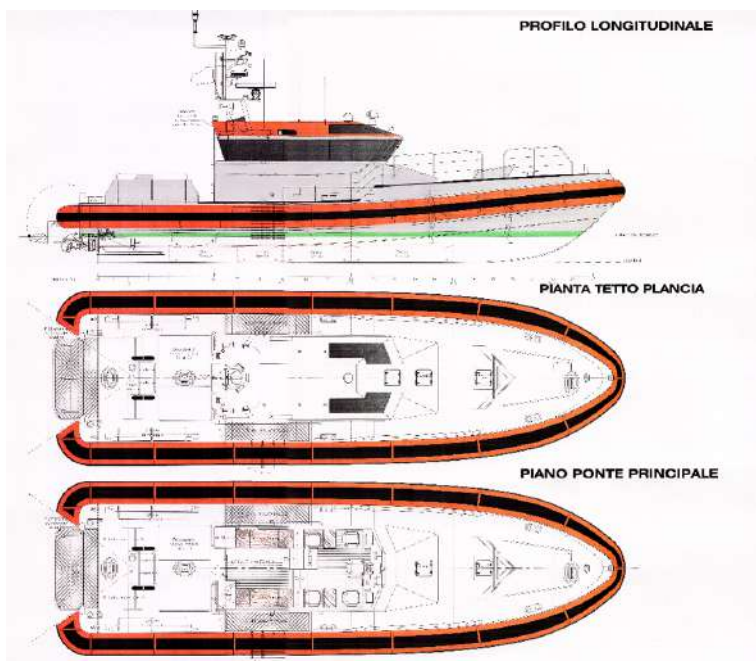




SAR 19





Description

Vittoria SAR-19 is designed and engineered to perform specific offshore SAR tasks at unfavorable sea and weather conditions. This vessel is in fact capable to fully operate at wind force 5 on the Beaufort scale and sea state 4, and up to the limits of the coastline with shallow depths, also in the presence of breakers and / or undertow still in adverse sea and weather conditions.

The unit is classified C (Malta Cross) RESCUE AND MARITIME POLICE, SPECIAL NAVIGATION and the geometries and the distribution of the weights on board enable the self-righting only by hydrostatic force. Clearly the vessel plants guarantee the impossibility of water entrance, during the capsizing, in the pipelines of the board exhaust pipes, as well as, in the superstructure and the hull, likewise, must be prevented leaking of fuel and other liquids present on board. Moreover, the SAR-19 is tested to resist a free fall on water from 3 meters height and side impact at 7 knots with 4 crewmembers. The vessel is unsinkable and the watertight subdivision meets the IACS standards of stability requirements at intact and flooding states.

Main data

Length overall	20 m
Maximum beam	6,1 m
Speed at 100% RPM	35 kn
Draft	1 m
Fuel Tank	7500 lt
Fresh water tank	200 lt
Full load displacement	32,5 t

Propulsion

Engines 2x MTU 8V2000M84L

Crew accomodation

5 p

MAIN TASKS

Search And Sescue (SAR), patrolling, ambulance, surveillance.