



**MODULAR.
EFFECTIVE.
FAST.
FLEXIBLE.**

510 OFFSHORE PATROL VESSEL



MULTIPLE MODES. POWERFUL PERFORMANCE.

The ADSB 510 OPV Modular vessel with full OPV International Class notations offers a powerful and flexible platform ideal for search and rescue, offshore patrol, and fast-attack missions.





Designed to operate in adverse sea-state conditions, the vessel features a large modular deck configurable for vessel or equipment transport, or deployment of various combat systems. With a 65,000-litre fuel capacity, the 510 OPV delivers long range, high speed, and extended endurance, ideal for offshore patrol missions.



DESIGNED FOR FLEXIBILITY



CONFIGURED FOR TRANSPORT, THE VESSEL DECK CAN ACCOMMODATE:

- 2x 11m fast interceptor boats (or similar)
- 1x rigid hull inflatable boat (RHIB) with quick deployment
- A variety of search and rescue (SAR) equipment
- 1x multifunctional crane
- 2x jet-ski
- Platform and side rescue gates

CONFIGURED FOR COMBAT, THE VESSEL SUPERSTRUCTURE CAN ACCOMMODATE:

- 1x 30mm or 40mm main gun in forward area
- 2x 12.7mm manual or remotely operated weapons station at midship
- 1x 8- or 12-cell missile launcher
- Optional combat system configurations are available

COMBINED CAPABILITIES

The 510 OPV platform delivers a powerful combination of capabilities for effective littoral operations. The combination of multifunctional cranes for launching and recovering interceptors while cruising and an aft deck with a slipway for quick deployment and recovery of RHIBs creates new possibilities for coastal and naval forces to ensure rapid response, enhanced personnel safety, and positive mission outcomes.



SPECIFICATIONS

TECHNICAL DATA

LOA	51M
BEAM MOULDED	9M
DEPTH AT MIDSHIP	4.1M
SPEED (FULL LOAD)	27KN
SPEED (CRUISING)	14KN
RANGE (12-15KN)	2,700+ NAUTICAL MILES
PASSENGERS + CREW	30 PERSONS
ENDURANCE	21+ DAYS

PROPULSION OPTIONS

4X INBOARD WITH FPP

4X INBOARD WITH CPP

3X INBOARD WITH WJ

HULL OPTIONS

STEEL HULL WITH ALUMINIUM SUPERSTRUCTURE

ALUMINIUM HULL WITH ALUMINIUM SUPERSTRUCTURE

CRAFT IN EVERY VESSEL. —

ADSB specialises in the build, repair, maintenance, refit, and conversion of naval and commercial vessels. With 25 years of service to the UAE and beyond, we are one of the most experienced shipyards in the region.

We deploy the latest technologies to maximise fleet readiness, extend ship lifetimes, and lower overall lifecycle costs.

We deliver superior quality, reliability and cost efficiencies through our focus on world-class design selection, development of a skilled workforce with extensive technical experience, exceptional integration capabilities and precision steel fabrication.





OUR SUCCESS STORIES

BAYNUNAH CLASS
CORVETTE



ARIALAH CLASS
OFFSHORE PATROL VESSEL



INSHORE TACTICAL &
ENGAGEMENT PLATFORM



LANDING CRAFT
16M SEAKEEPER



DISCLAIMER

All data is strictly confidential and subject to confirmation. Specifications and final design subject to agreement with the customer.
Illustrations for indicative use only.

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