

**ARIALAH – OFFSHORE
PATROL VESSEL**

**P R O V E N
I N - S E R V I C E
P E R F O R M A N C E**

Built to the highest naval standards and with proven operational sea time, ABSB's 67-metre offshore patrol vessels are currently in-service UAE's Critical Infrastructure and Coastal Protection Agency (CICPA) carrying out air defence missions, Enforcement of local and international maritime law and preventing infiltration.

Participating with in carrying out peace enforcement and human relief tasks, Anti-piracy tasks, acting as command vessel, joint operations with armed forces, search and rescue missions. The vessel is also installed with two 11m interceptor boats capable of carrying six personnel at high speeds. A helideck has also been installed, capable of handling a medium sized helicopter.



S P E C I F I C A T I O N S ---

TECHNICAL DATA

LOA	67.15m
Beam	11.40m
Draft	4.50m
Speed	20kn
Range	6500 nautical miles @ 16kN
Fuel storage capacity	355m ³
Fresh water storage	44m ³
Helifuel Storage	21 m ³

MACHINERY

Main Machinery	4x MTU 16V4000M63L, 8960 bkW at 1600-1800
Gearboxes	4x ZF 9050
Propulsion	4x fixed pitch propellers
Bow thruster	2x160 eKW (electrically driven)

ELECTRICAL

Power generation	Caterpillar diesel generators model: C9 DITA 3 x 250 eKW, 440 V, 3Φ, 60 Hz
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NAVIGATION AND COMMUNICATION

Communication	VHF, MF/HF SSB radio, EPRIB and SART beacons
Entertainment	1 x satellite TV system
Navigation equipment	X band navigation RADAR, WECDIS chart plotter system, DGPS system, log and echo sounder, gyrocompass

ACCOMODATION

Cabins	2 x one-man cabin 6 x two-man cabin 3 x four-man cabin 1 x 16 man cabin
Mess area	1 x mess room with 21 seats
Galley	1 x fully equipped galley
Freezer room	4.17 m ²
Cold room	5.03 m ²
Complement	42 crew and 35 embarked troops

COMBAT SYSTEM

Fire control RADAR system
EO system
Surveillance radar system
57mm forward gun
Two side guns
Two 12.7mm machine guns
SAM launcher system
two chaff Launcher systems
Digital RESM
Wide band CESM