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QC901



FAST POWER FOR THE QATARI COASTGUARD

Given the recent troubles that Qatar has been having with its neighbours, the recent arrival of a 48-metre fast offshore patrol vessel will no doubt be welcomed greatly by the security forces.



Qatar had ordered 17 vessels of various sizes from Ares Shipyard of Turkey from their Hercules series of patrol vessels that are constructed from advanced composites and feature naval architecture from BMT Nigel Gee of the UK.

15 smaller vessels measuring 24 metres and 34 metres have already been delivered and QC901 is the first of two of the larger sized craft that, upon entering service will be the fastest offshore patrol vessels in the world.

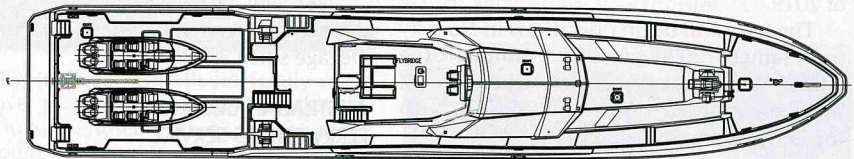
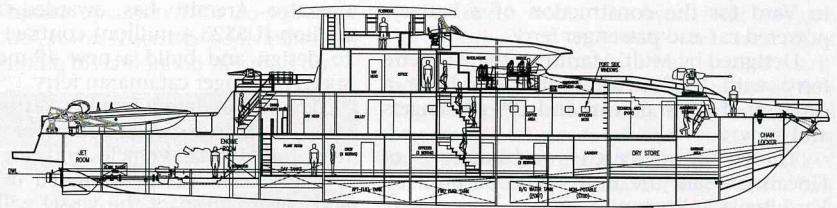
Propulsion is suitably heavy duty with a triple installation of MTU 16V4000 M63L diesels to provide propulsive power,

connected to Rolls-Royce S71 waterjets via ZF 7650 gearboxes. The top speed of 37 knots is certainly higher than your usual OPV might achieve, and the cruising speed of 25 knots is likely to leave other coastguards a little envious.

On occasions when multiple targets need to be pursued QC901 can deploy a pair of Ares 24 Harpoon fast interceptor craft over the stern which can give chase to other vessels or can carry boarding parties to inspect boats of interest.

The bridge features forward slanting windows to reduce glare and offers the crew on watch excellent visibility.





QC901

SPECIFICATIONS

Type of vessel:	Offshore patrol vessel (OPV) +1N5 PATROL BOAT HSC-N
Classification:	OC4 (+) M
Port of registry:	Doha
Flag:	Qatar
Owner:	Ministry of Interior State of Qatar
Operator:	The Coasts and Borders Security Department, Qatar
Designer:	Ares, Turkey
Naval architecture:	BMT Nigel Gee, UK
Builder:	Ares Shipyard, Turkey
Construction material:	Composite
Length overall:	48.09 metres
Length waterline:	41.13 metres
Beam:	8.95 metres
Draught:	1.78 metres
Displacement:	275 tonnes
Main engines:	3 x MTU 16V 4000 M63L diesels
Gearboxes:	3 x ZF 7650
Propulsion:	3 x Rolls-Royce S71-4 waterjets
Generator:	Caterpillar C7.1 diesel, 118kW
Side thruster:	Sidepower bow thruster
Maximum speed:	37 knots
Cruising speed:	25 knots
Range:	1,500nm
Batteries:	Victron
Radars:	Kelvin Hughes
Depth sounder:	Skipper
Radios:	Cobham Sailor VHF DSC system, Cobham portable hand VHF's
Weatherfax:	Lilley and Gillie
Autopilot:	Simrad
Compass:	Cassens and Plath
GMDSS:	Cobham GMDSS
GPS:	SAAB
Plotters:	Radar integrated
A.I.S:	SAAB Secure W-AIS
Audio video system:	Honeywell
Watermaker:	HP
Alarm system:	Zenitel
Paints/coatings:	Jotun
Windows:	Yildiz
Seating:	Ares Comfort by Shoxs
Lighting:	Hella Marine
Interior designer:	Gloss Design
Liferafts:	Viking
Tenders:	2 x ARES 24 Harpoon Interceptors
Type of fuel:	Marine diesel
Accommodation:	28



Kelvin Hughes and Cobham has supplied the full radio and GMDSS communication suite. The GPS and AIS are from Saab whilst the depth sounder is from Skipper.

There is plenty of accommodation for the 18 crew and 10 officers as well as a double-bed VIP guest cabin, not a typical feature on patrol vessels. The crew and officers each have their own mess areas on the main deck with plenty of space for relaxing when off duty.

The boats have been designed to accept a forward, remotely-controlled deck gun however the weapon has not yet been installed.

Installed electronics include all the high-tech gadgets you'd expect on a military craft that has been purchased by a country with a relatively large defence and security budget. Radars are from

