

Concarneau, October 26th 2018

PIRIOU delivers Hydro-oceanographic and Multi-Missions vessel 'DAR AL BEIDA' to the Moroccan Royal Navy



PIRIOU delivers on October 26th in Concarneau, France, 72 m hydro-oceanographic and multi-missions vessel (BHO2M) 'DAR AL BEIDA' to the Moroccan Royal Navy.

This contract is the third the Moroccan Royal Navy (MRM) entrusts PIRIOU with - following the contract for the building of a 50 m Landing Craft Tank and the refit of offshore Patrol Vessel (OPV) 64 'Rais Bargach'.

The BHO2M is a last generation scientific vessel equipped with systems matching the topographic studies answering the International Hydrographic Organization (IHO) standards. She was designed from the Multi-Missions vessel (B2M) presently under construction in Concarneau for the French Navy.

This contract is the outcome of the significant work of a tight team comprising:

- PIRIOU who ensures the vessel design, studies and building,
- The SHOM (French Navy Hydrographic and Oceanographic Department) for the scientific part of the vessel and the training of the technicians of the Hydrography, Oceanography and Cartography Division (DHOC) of the MRM,
- KERSHIP for the expertise in military systems and contract management.



Vincent FAUJOUR, PIRIOU General Manager declares: 'We are very pleased and honoured to deliver this second vessel to the Moroccan Royal Navy. Thanks in particular to a close and crucial collaboration with the SHOM, we have designed a performing vessel with all the qualities required to become the new reference in terms of hydro-oceanographic vessel. Following on from the expedition vessel YERSIN delivered in 2015 and the Polar Logistic Vessel L'Astrolabe' delivered in 2017, PIRIOU thus confirms its ability to design and build very technical vessels.

Besides we are developing our activities in the Law Enforcement and Defence business and now exporting, both with KERSHIP and the support and partnerships forged with the French Defence and especially the French Navy I sincerely thank. EURONAVAL exhibition presently taking place in Paris sounds very promising and many foreign delegations are attending.

A hydro-oceanographic and multi-missions vessel

The BHO2M is able to fulfil long lasting operations, mainly hydrographic and oceanographic missions such as the completion of topographic studies, data acquisition and process, scientific sampling and the related analyses. She is fitted with an appendix where the acoustic bases of the scientific equipment -including the two multibeam echo sounders- are located.

As the most performing vessel of her generation regarding acoustics, the BHO2M will be able to achieve these missions at high speed while in a rough sea.

She will also be able to answer the operational requirements of the authorities regarding patrol, humanitarian assistance, Special Forces or divers deployment, search and rescue and environment protection.

She features:

- Building at European standards
- The most recent scientific integrated equipment matching the works and answering the IHO standards
- Endurance, seakeeping behaviour and high performances for long lasting deep sea missions
- Versatility enabling a large range of specific missions thanks to:
 - o a wide rear deck to store containers or other equipment
 - o handling means to load and operate special equipment
 - o two VERTREP areas
- Dedicated facilities: sickbay, divers fittings, conveniences for scientists



Main characteristics of the BHO2M

Length overall..... 72 m
 Breadth 15 m
 Max. draught 5 m
 Speed 14 kn
 Range 5000 NM @ 10 kn/ 30 days
 Hull /superstructure steel
 Crew + special personnel 50
 Propulsion Electric - AFE type
 powered by 4 gensets x 1200KW

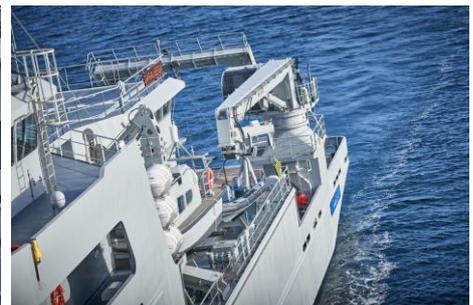
Special equipment:

Intervention boats

2 hydrographic speedboats
 1 workboat

Hydrographic and oceanographic equipment

Multibeam and single beam echo sounders
 Sub-bottom profiler
 Side scan sonar
 Magnetometre
 Moving vessel profiler
 Conductivity temperature depth probe
 Expendable bathythermograph
 Hull sound velocity
 Thermosalinograph
 Weather station
 Acoustic Doppler current profiler
 Gravity corer
 Corer
 Data acquisition system



A fruitful collaboration with the Moroccan Royal Navy

PIRIOU NAVAL SERVICES has managing the complete overhaul of 'Rais Bargach', 65 m deep sea patrol vessel built in 1995:

- Hull and structure overhaul
- Surface treatment and painting for the whole vessel
- Renovation and modernization of all accommodation premises
- All installations inspection and replacement when required



Building of multipurpose 50 m LCT barge

In July 2015, the MRM awarded to PIRIOU its first order for the building of a 50 m multipurpose landing craft which was delivered in July 2016. The first crew was trained in Concarneau to operate and maintain the vessel.

Designed by PIRIOU INGENIERIE this 50 metres LCT is based on a proven civilian version of which PIRIOU already built several units. Intended for the transportation of vehicles, various cargos as well as for the supply of water and fuel, the LCT 50 is fitted with two handling cranes and a bow ramp allowing loading or unloading on a beach or on a wharf.

She is specifically designed to produce and store fresh water thanks to her capability to embark a reverse osmosis system and flexible tanks on deck.





About PIRIOU

Involved in shipbuilding, repair, naval engineering and services since 1965, PIRIOU specializes in producing vessels up to 120 m with high added value through a combination of high-performance engineering and a global network of industrial sites in Europe, Africa and Asia. With over 470 ships built and delivered worldwide, PIRIOU provides bespoke solutions as well as a complete range of standardized or customized vessels that satisfy the requirements of international shipowners, whether they be private or public, civilian or military.

www.piriou.com



PIRIOU and KERSHIP attend EURONAVAL exhibition from October 23rd to 26th

Stand G40

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