

Ships dedicated to
LAW ENFORCEMENT
AT SEA



KERSHIP

The alliance of performance and competitiveness



KERSHIP is a joint venture founded in 2013 by PIRIOU and Naval Group, two experts in naval engineering, shipbuilding, military systems and services.

This partnership is based on the complementary skills and expertise of both companies:

- PIRIOU, 55 years of expertise in civil shipbuilding,
- Naval Group, a world leader in naval defence markets.

KERSHIP offers a range of vessels up to 95 m for law enforcement at sea: navies, coastguard services, customs services, scientific institutes, etc.

Thanks to the expertise of its parent companies, KERSHIP works with and supports navies and public services throughout the life cycle of their ships, from construction to delivery, including after-sales service and In-Service Support (ISS).

DESIGN

Developed for maximum operational efficiency



Through prompt responsiveness and continual dialogue with navies and public services, KERSHIP has developed a range of highly operational vessels capable of undertaking fast, reliable and effective missions.

- Panoramic bridges for an uninterrupted 360° view around the vessel, particularly suited to surveillance missions

- Optimized ramp and/or davit systems for launching rigid hull inflatable boats (RHIBs), and a platform adapted for air operations (helicopter or unmanned systems)

- An innovative hull shape for greater endurance, excellent seakeeping capabilities, and easier implementation of on board systems

- Versatility and modularity through the integration on decks of adaptable spaces to satisfy every possible equipment configuration and required payload capacity

- An optimized global cost of ownership, taking future In Service Support requirements into consideration right from the design stage (reliability of the selected equipment, maintainability constraints in compartments, etc.)



RANGE

Covering all the requirements
of Law Enforcement at Sea



The maritime environment is faced with many national and transnational threats, ranging from pollution to drug trafficking and terrorism. Traffickers are increasingly mobile, organized, and use the very latest technology.

At the same time, maritime areas are taking on an increasingly significant role in State economies (maritime trade, fisheries, offshore) and, as such, must be developed and protected.

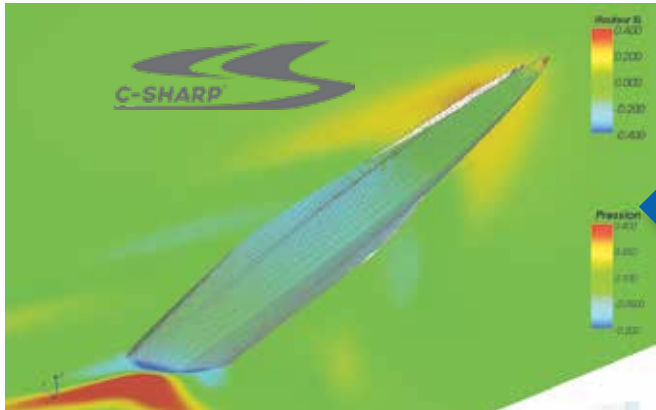
Finally, the sea remains a hazardous theatre of operations. States carry out search and rescue missions to save lives on a daily basis (shipwrecks, illegal immigrants, force projection and humanitarian assistance).

To meet these various challenges, KERSHIP offers a full range of reliable and robust vessels, easy to operate and maintain, and equipped with state-of-the-art missions systems adapted to the requirements of navies and public services.

This range comprises:

- Fast **Coastal Patrol Vessels (CPV)** for police operations in coastal waters
- **Offshore Patrol Vessels (OPV)** for offshore safety and defence
- **Multi-Purpose Vessels (MPV)** for support missions, multiple works, deployment and projection of troops and equipment, and search patrols and rescue operations
- **Specialised vessels** for hydrography, transport, training, etc

COASTAL PATROL VESSELS ^{CPV /} Police operations in coastal waters



CARÈNE C-SHARP® :
optimisation et validation
de forme par calcul logiciel
puis essais en bassin

Specifically developed to ensure police operations in coastal waters, KERSHIP’s coastal patrol vessels feature:

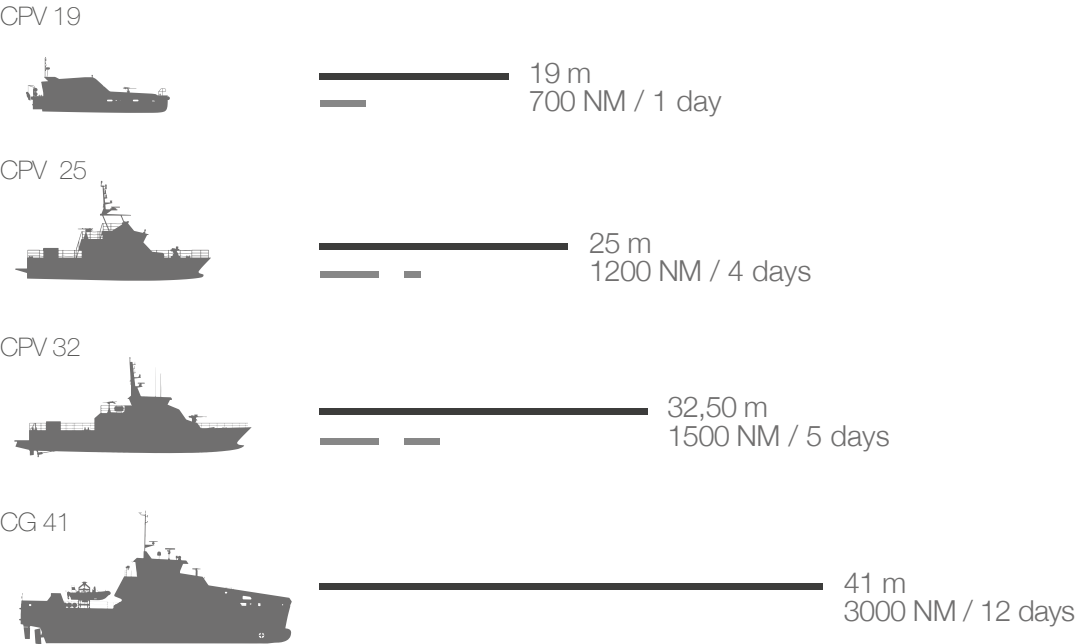
- High versatility and modularity thanks to the implementation of multirole areas on decks to meet all equipment configurations and required cargo capacity
- The ability to quickly deploy Special Forces through dedicated accommodations and vehicles (in particular the launch and recovery of RHIBs through stern ramps or side davits)
- The possibility of integrating a mission management system to enhance the ship’s surveillance capacity and coordination with shore headquarters

for the CPV line:

- A HIGH MAXIMUM SPEED, UP TO 35 KNOTS
- A ROBUST ARCHITECTURE AND OPTIMIZED ALUMINIUM STRUCTURE
- INNOVATIVE AND PATENTED C-SHARP® HULL SHAPE FOR GREATER ENDURANCE, EXCELLENT SEAKEEPING CAPABILITIES, AND EASIER IMPLEMENTATION OF ON BOARD SYSTEMS

for the Coast Guard 41:

- A GREAT ENDURANCE AT SEA
- A STEEL HULL WITH ALUMINIUM SUPERSTRUCTURE
- A SEA PROVEN HULL SHAPE THAT CONFERS AN EXCELLENT SEA KEEPING



OFFSHORE PATROL VESSELS

OPV / Maritime security and defence



In order to determine the global maritime situation and effectively counter threats, KERSHIP can provide on board missions systems and/or combat management systems that substantially increase the ship's capabilities in the following fields:

- Establishing a tactical situation in real time
- Managing and planning the ship's missions and on board intervention equipment
- Gathering intelligence by accessing information provided by marine databases
- Automatically detecting suspicious behaviour at sea
- Recording evidence to be used in any future prosecution
- Maintaining liaisons with shore-based command centres



Designed for carrying out safety and defence missions in Exclusive Economic Zones (EEZ) and in high seas, KERSHIP OPV's combine the following operational advantages:

- Robustness, simplicity and easy maintenance thanks to the use of standard and sea-tested equipment and materials
- Scalable weaponry depending on the type of threats (conventional or asymmetric): naval guns and machine guns, short-range anti-aircraft missiles, anti-ships missiles, etc
- Suitable sensors : surveillance radar, electronic warfare systems, EO/IR device
- Operational communications : Tactical Data Links, SATCOM, V/UHF, HF
- C-SHARP® innovative hull shape
- High endurance, up to 21 days and a range of 8,000 nautical miles
- Deployment of remote equipment to increase the ship's response and surveillance capabilities (RHIBs, drone and/or helicopter)
- Ability to carry and stow containers for specific missions: anti-pollution, diving operations, commandos equipment, etc

OPV 45
45 m
3200 NM / 10 days

OPV 52
52 m
3500 NM / 12 days

OPV 60
60 m
5000 NM / 21 days

OPV 65
65 m
3000 NM / 21 days

OPV 70
70 m
5000 NM / 21 days

OPV 75
75 m
5500 NM / 21 days

OPV 80
80 m
5500 NM / 30 days

OPV 90
90 m
8000 NM / 21 days

MULTI-PURPOSE VESSELS

MPV / Versatility for Law Enforcement at Sea



With their robust designs derived from the offshore industry and adapted to military standards, KERSHIP MPV's are particularly suited to support missions and assistance operations. They are characterized by their high versatility:

- Greater endurance 11,000 nautical miles for long missions, well beyond the EEZ
- Important logistical capabilities: working deck, crane, dry and liquid cargo, etc., and transport capabilities
- Adaptable platform for specific missions
- Amphibious capability
- Possibility of integrating a mission system to enhance the interoperability of the vessels



Beyond surveillance, KERSHIP MPV's are also designed to perform many public service missions such as:
Towing - Pollution response - Humanitarian aid and medical support - Search and rescue operations (SAR)

MSV 65



65 m
5000 NM / 30 days

AHTS 70



70 m
5000 NM / 30 days

LSPV 90



90 m
11000 NM / 10 to 45 days

SPECIALISED VESSELS

Meeting any kind
of requirements

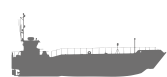


Through constant dialogue with navies and public services, KERSHIP develops customized vessels to meet specific requirements, thereby covering a more targeted mission perimeter:

- Logistics: LCT (Landing Craft Tank) for various equipment and troops transport, including to areas without port infrastructures
- Hydrography and oceanography: Hydro-Oceanographic Multi-Mission vessel (BHO2M) for mapping, EEZ development, and naval support for the submarine fleet
- Training: Maritime Training Ship (MTS)



LCT 25



25 m
380 NM / 1 day

LCT-NG



26,55 m
500 NM / 1 day

LCT 50



50 m
1700 NM / 7 days

MTS 44



44 m
3600 NM / 15 days

HOSV 72



72 m
5000 NM / 30 days

CUSTOMIZED SERVICES

A long-term partnership



Expert in naval technology, KERSHIP accompanies navies and public services wherever they are in the world and on a 24/7 basis, to ensure the optimal availability of their ships.

In addition to two main repair sites on the European and African Atlantic coasts (in France and Nigeria), as well as subsidiaries in French Polynesia and New Caledonia, the Group's response teams and those of its international partners can also be rapidly deployed across France and abroad.

The offer comprises a full range of customizable solutions:

- Theoretical and practical training in operation and maintenance provided on shore and on board the ships
- Maintenance and repair services
- Modernisation of existing vessels
- Integrated Logistics Support (ILS) with the provision of documentation and spare parts
- In-Service Support



TRANSFER OF TECHNOLOGY

Thanks to the expertise of its parent companies -Naval Group and PIRIOU- in the field of technology transfer, KERSHIP offers adaptable packages and long-term support including, depending on customer needs:

- DRAWINGS AND TECHNICAL DOCUMENTATION
- SUPPLY AND DELIVERY OF EQUIPMENT
- THEORETICAL AND PRACTICAL TRAINING (ON-THE-JOB TRAINING)
- TECHNICAL ASSISTANCE



REFERENCES



KERSHIP TAKES PART IN MAJOR PROGRAMS FOR FRENCH AND FOREIGN NAVIES.





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