



OFFSHORE PATROL VESSEL **OPV 80**

MULTIFUNCTIONAL PATROL VESSELS

Rheinmetall's Offshore Patrol Vessels (OPVs) are multirole platforms built to provide permanent maritime security in the operational area, characterised by their long endurance and excellent seakeeping capabilities. They are best suited to deployment against pirates, smugglers and terrorists, protecting offshore installations, guarding fish stocks and other natural resources, as well as for search-and-rescue operations.

The versatile OPV 80 is the perfect platform to be adapted and equipped to master any set of challenges.

TAKING RESPONSIBILITY IN A CHANGING WORLD



MULTIPURPOSE, AGILE AND ECONOMICAL

The flexible OPV80 design can be adapted and enhanced with additional functions as operational needs change. The OPV 80 classes operate efficiently in terms of material and human resources, and have the capabilities required for defending territorial waters and economic zones.

The OPV 80 is a 'force enabler' by keeping the balance between low-intensity scenarios and mission vessels suited for high-intensity scenarios in warfare areas.

ADVANTAGES AT A GLANCE

- Excellent seakeeping capabilities
- Long endurance
- Long service life
- Proven and reliable platform for easy operation, handling and maintenance
- Multi-mission unmanned aerial vehicle (UAV) and helicopter operations
- Flexible, customised design with growth margins for weapon systems, combat suites and accommodation
- Multirole capabilities using optional mission modules
- Cost-effective operation and low through-life costs

Can be specially equipped for deployment against smuggling and piracy with high-speed RHIBs carried on board



DATA AND INFORMATION – OPV80

General

Type	OPV80
First commissioning	2011

Dimensions and Crew

Displacement	1,625 t
Length	80 m
Beam	13 m
Draught	3 m
Crew	58

Propulsion

Diesel engines	2
Total power	8,520 kW
Propellers	2× CPP
Speed	22 kn
Range	9,000 NM at 12 kn

Capabilities

Anti-surface warfare
Maritime patrol and surveillance operations
Critical infrastructure protection
Boarding operations
Special forces and helicopter support
Confined and shallow-water operations

Task unit command

Replenishment at sea

Sensors/Communication

CMS	C-Flex
Surveillance radar	2D or 3D
Fire control system	STING EO Mk II
E / O fire director	MEOS
IFF	Mk XII
ESM	ES 3601

Weapons

1× up to 76 mm main gun
2× 20 mm secondary guns up to 8 MM40 SSM
2× SKWS-6T decoy
2× 50 M2HB machine guns

Additional Capabilities

Flight deck for UAVs and helicopters up to 11t, including refuelling capability
Multi-mission deck for 2× 20 ft tailored mission modules
1× 10 m and 1× 6 m RHIB
RAS station alongside refuelling
Stern ramp for launching the 10 m RHIB

RHIBs are launched from the sides or via a stern ramp



Flight deck for UAVs and helicopters

