



# 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		Task unit command	
Type	OPV80	Replenishment at sea	
First commissioning	2011	Sensors/Communication	
Dimensions and Crew		CMS	C-Flex
Displacement	1,625 t	Surveillance radar	2D or 3D
Length	80 m	Fire control system	STING EO Mk II
Beam	13 m	E / O fire director	MEOS
Draught	3 m	IFF	Mk XII
Crew	58	ESM	ES 3601
Propulsion		Weapons	
Diesel engines	2	1× up to 76 mm main gun	
Total power	8,520 kW	2× 20 mm secondary guns up to 8 MM40 SSM	
Propellers	2× CPP	2× SKWS-6T decoy	
Speed	22 kn	2× 50 M2HB machine guns	
Range	9,000 NM at 12 kn	Additional Capabilities	
Capabilities		Flight deck for UAVs and helicopters up to 11t, including refuelling capability	
Anti-surface warfare		Multi-mission deck for 2× 20 ft tailored mission modules	
Maritime patrol and surveillance operations		1× 10 m and 1× 6 m RHIB	
Critical infrastructure protection		RAS station alongside refuelling	
Boarding operations		Stern ramp for launching the 10 m RHIB	
Special forces and helicopter support			
Confined and shallow-water operations			

RHIBs are launched from the sides or via a stern ramp



Flight deck for UAVs and helicopters

