



OCEAN ESCORT VESSEL **OEV 90**

HIGH-PERFORMANCE CORVETTE FOR MARITIME SECURITY

The OEV 90 is a compact, versatile and high-performance corvette specifically designed for maritime domain surveillance. Its operational scope ranges from safeguarding national territorial waters to supporting multinational missions in coastal and open-sea areas. As a multi-purpose platform, the OEV 90 is designed to perform a broad spectrum of maritime tasks and combines key capabilities in anti-submarine warfare (ASW), anti-air warfare (AAW) and anti-surface warfare (ASuW). It is suitable both for independent patrol and escort missions and for deployment as part of larger naval task groups.

ASW AND ESCORT CORVETTE

CAPABILITIES AT A GLANCE

Multirole Functions

- ASW corvette
- Escort corvette with AAW capabilities
- Task group protection
- Task group command
- Naval mine laying

Capabilities as per NATO Bi-SC Capability Codes and Capability Statements

- NGPMV
- NMIO
- NWC-S
- NASW-SUR
- NASUW-SUR
- UAS
- NCTG-SUR
- MACC-SUR
- CIS-MARITIME
- FMN
- SATCOM
- LRHF
- TCCC
- FFIT
- JFAS
- MFAS
- METOC(SYS)
- GIS
- NMWL
- CY-DEFENCE
- METOCSUP

DATA AND INFORMATION – OEV 90

General

Type Offshore Escort Vessel

Classification ⌘ 100 A 1
Ice Class 1C FS
⌘ LMC, PSMR, UMS

Flight Facilities

Flight deck MH-60 and NH90

UAV hangar 2× UAV

Dimensions and Crew

Displacement 3,000 t

Length 97.6 m

Beam 13.4 m

Draught 4.4 m

Crew Up to 70

Propulsion

Hybrid CODLAD

Total power 20,600 kW

Propellers 2× CPP

Speed 26 kn

Capabilities

Operational endurance of 30 days

Low-signature optimised

CBRN defence

Replenishment at sea (abeam and stern)

Innovative traversing system for containers

1× air and maritime surveillance radar

2× STIR1.2 fire control radar

1× ESM/ELINT system

2× X-band navigation radar, incl. IFF

2× S-band navigation radar

2× EO / IR surveillance and tracking system

1× 360° EO / IR fixed surveillance system

1× video surveillance system

1× underwater communication system

1× CAPTAS towed array sonar

1× Bluehunter hull-mounted sonar

Weapons

2× 8-cell MK41 VLS

8× RBS15 SSM

1× 127 mm gun

1× RAM MK-31

2× triple torpedo launcher

3× 30 mm RWS

2× 12.7 mm RWS

4× MASS

