

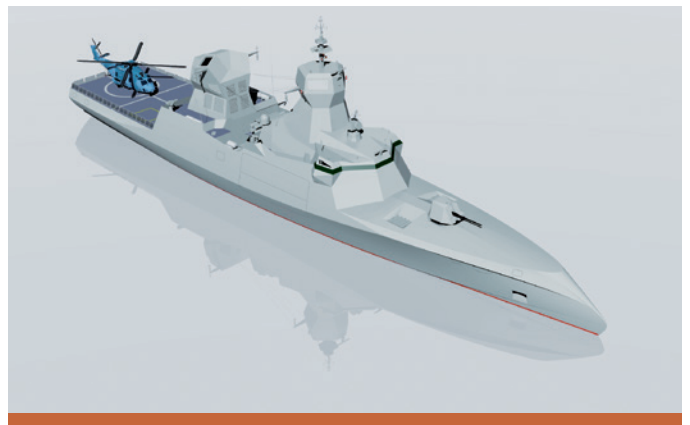


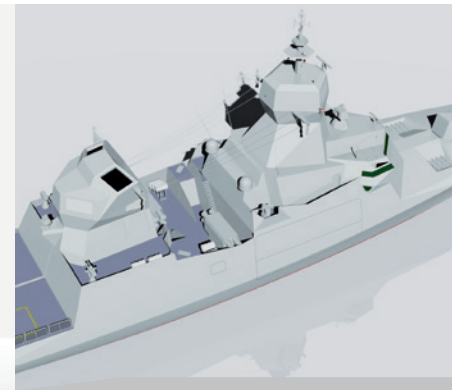
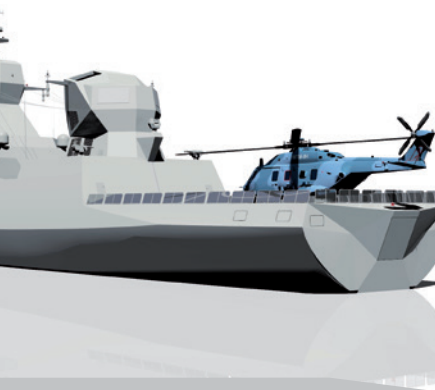
C Sword 90 is a stealthy corvette. She is designed and armed for deterrent missions and to operate in multiple theatres of operations and more especially, for littoral warfare defence operations against submarine, air and surface threats.

The vessel features stealthy hull and superstructure design with sloped surface and highly integrated equipment.

## Missions

- > Coastal and off-shore patrolling Intelligence, Surveillance & Reconnaissance (ISR)
- > Naval and law enforcement application
- > Integration to a naval task force for Anti-submarine and Anti-Surface Warfare
- > Exclusive Economic Zone (EEZ) monitoring & surveillance
- > Scouting around littoral tactical areas
- > Deterrent strike operations and stabilization operations
- > Support to Land Forces actions operations
- > 10t class helicopter operation





## Performance and Competitive Features

- > A maximum speed up to 28 knots
- > A minimum operating range of 5,000 NM at 14 knots or 7000 NM at 12 knots
- > Presence at sea increased
- > Optimized for easy maintenance
- > Inversed stem for enhanced propulsive efficiency and sea keeping
- > Multipurpose according to mission modules
- > Round bilge hull shape allows:
  - > Operating in strong wind and rough seas
  - > High autonomy due to reduced fuel consumption
- > Ready to receive additional payload through two containers
- > Helicopter platform Level 1 Class 3 (day & night)
- > UUV, UAV and SUV operations

## Main Characteristics

- > Length Overall..... **95.0 m**
- > Length @ Waterline..... **92.0 m**
- > Beam Overall..... **15.7 m**
- > Beam @ Waterline..... **12.7 m**
- > Maximum draught..... **4.00 m**
- > Maximum speed..... **28 Knots**
- > Range at 12 knots ..... **7000 NM**
- > Crew ..... **65**
- > Additional berths..... **20**
- > Fuel ..... **170 m<sup>3</sup>**
- > Fresh water..... **30 m<sup>3</sup>**
- > Hull ..... **Steel**
- > Superstructures..... **Steel /Aluminium**
- > Classification ..... **Bureau Veritas**

## Main Equipment & Auxiliaries

- > Three main generating sets
- > One emergency generating set
- > Two propulsion diesel engines
- > Two Controlled Pitch Propellers (CPP)

## Typical Mission Systems

- > One CMS with Tactical Data Link
- > One new generation Naval Radar (4 fixed array panels)
- > One SSM System (8 missiles)
- > One SAM System (16 vertical launch missiles)
- > Two Short Range Air Defence Missile Systems
- > One Fire Control Radar
- > One Electro-optical and fire control System
- > One R-ESM System and one C-ESM System
- > One Primary Gun: 76mm or 57 mm
- > Two Secondary 20mm Guns (30 mm as option)
- > One Decoy Launching System
- > One Integrated Naval Communication System
- > One Integrated Bridge Control System (IBCS)
- > One towed sonar module
- > One hull mounted sonar
- > Two triple-tube torpedo launchers
- > Two 11m high speed RHIB with dedicated davits
- > 10 t class helicopter platform

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