



**81m**

LOA

**13.1m**

BREADTH

**3.5m**

DRAUGHT

**21kts**

SPEED

**5,500nm**

RANGE

**28days**

ENDURANCE

## OVERVIEW

**HDF-1500 NEO** is an export variant of Offshore Patrol Vessel newly developed by Hyundai Heavy Industries. As a fully tested and proven ship, HDF-1500 NEO is based on decades of know-how, experience and latest shipbuilding technologies.

The vessel is applied with a stealthy design and clean superstructure for reduced RCS signature. Optimized, simplified internal layout provides better crew habitability. With its extended operative range and endurance, the vessel can cover wide area of water while featuring a reconfigurable spaces to accommodate mission modules for various operational requirements.

## MISSION

- Patrol and protection of coastal border/EEZ
- Anti-smuggling and anti-piracy
- Humanitarian Assistance & Disaster Relief, Search and Rescue
- ASuW operations, Special mission (mission module)

## PROPULSION & AUXILIARY SYSTEM

- Diesel engines 2 x 5400 kW MCR
- Gearbox 2 x single input/single output
- Propellers 2 x CPP
- Generator sets 2 x 650 kW / 60 Hz
- Emergency gen. set 1 x 150 kW / 60 Hz

## DECK EQUIPMENT

- Helicopter deck max. 6 tons helicopter, with lashing points
- Heli operations day/night with refueling system
- RAS optional
- Boats 1 x RHIB for 10 persons
- Fire fighting 4 x main pumps
- Mission module 2~4 x 20ft container

## CAPACITIES

- Fuel oil 240 m<sup>3</sup>
- Fresh water 30 m<sup>3</sup>
- Helicopter fuel 7 m<sup>3</sup>
- Complement 41 P

## NAVIGATION EQUIPMENT

- Integrated bridge console
- 2 x Navigation Radar
- 2 x Gyro Compass
- ECDIS, AIS, VDR, DGPS

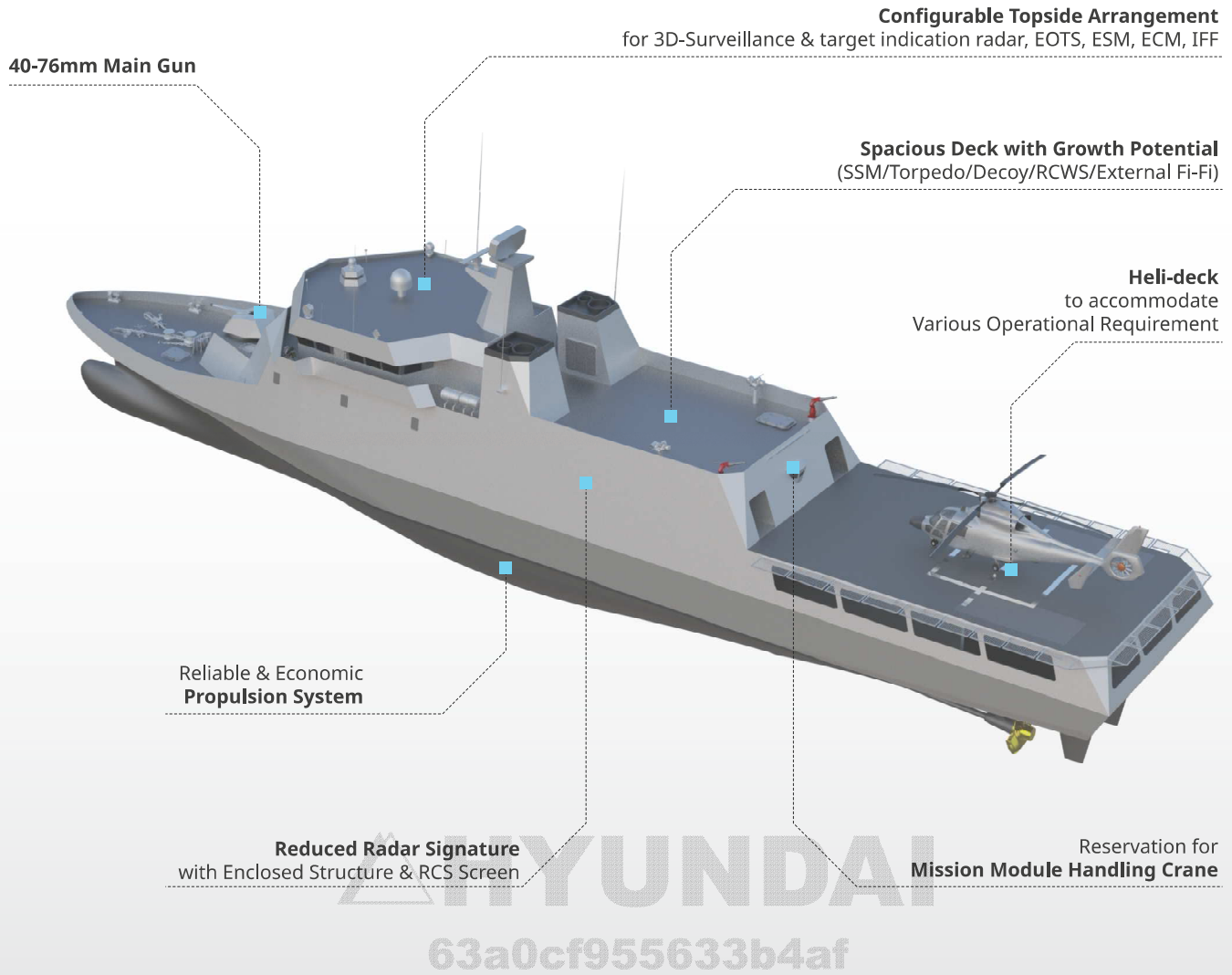
## WEAPON & SENSOR SUITE

- 1 x 40-76mm Main gun
  - Firing control system
  - Combat management system
  - 3D-Surveillance & target indication radar
  - Electric Optical Tracking System
  - 2 x 12.7mm Heavy Machine Gun (Remote control)
  - Integrated Internal & external communication system
  - 2 x SSM launcher
  - 2 x triple Torpedo launcher
  - 2 x Decoys
  - IFF
  - ESM & ECM
  - Hull Mounted SONAR
- \*CMS suite configuration may vary by end-user requirements

## OTHERS

- Classification

DNV Rules for Classifications of Naval vessels, January 2021, ✕1A N Patrol(L) E0 R0



Optimized preset configuration but flexible to accommodate customer requirements



Customizable combat suite (Weapon & Sensors)

Stern Launching System for RHIB

Humanitarian Aids Disaster Relief(HADR) Search And Rescue(SAR)

Mission bay at stern with mission module handling crane

**Hyundai Heavy Industries  
Naval & Special Ship Business Unit**

Address 75, Yulgok-ro, Jongno-gu, Seoul, 03058, Republic of Korea  
 Phone (+82) 2-746-7650  
 Fax (+82) 2-746-8772  
 E-mail snsdsales@hhi.co.kr  
 Website english.hhi.co.kr

