**MAIN CHARACTERISTICS**

- Length o.a.: 74.20 m
- Beam mld: 10.00 m
- Depth to main deck: 6.00 m
- Draught (dwl): 3.10 m
- Design Displacement: 900 tonnes

**PERFORMANCE**

- Speed (maximum power): up to 34 knots
- Range at 15 knots: 2000 NM

**PROPULSION SYSTEM**

- Diesel engines: 4 MTU x 20V 4000M 93L

**AUXILIARY SYSTEMS**

- Generator sets: 4 x generator (n-1)
- Chilled water system: Two units with redundancy for Mission Essential Systems
- Fire fighting: 2 x fifi pump

*depending on configuration*

**DECK EQUIPMENT**

- Cranes & Boats: 1x7m Fast Interceptor in slipway

**ACCOMMODATION**

- Fully air-conditioned accommodation for 35-50 persons

**WEAPON & SENSOR SUITE**

- CMS: 8-10 Consoles
- Radar: 2D or 3D surveillance radar
- Fire Control: EO/ radar fire control system
- surveillance: EO/ IR camera
- ESM: R-ESM / C-ESM
- Main gun: 40 / 57 / 76mm gun
- Secondary gun: 12.7/ 20/ 30 mm gun
- SAM: Several options, Medium / short range
- SSM: Several options, Medium/ short / long range
- Torpedo: 2-6 tube lightweight torpedo

Other / additional systems to be discussed
BACKGROUND
The SIGMA 7310 is based on proven elements of the SIGMA Corvettes and Frigates, aiming for the segment of smaller but faster naval combatants. High quality standards are combined with lightweight structures and optimized arrangement in order to produce a compact but still very capable whole range of fast combatants.

HIGHLIGHTS OF THE SIGMA FAST COMBATANT
The ship combines a sophisticated combat system with a sturdy and fully military design.
- Compact design;
- Raised Weelhouse for better all-round visibility;
- Separate CIC;
- Naval Design standards; (RCS reduction, Damage control, NBC citadel, shock protection, Ballistic protection, Stability.)

DAMEN SCHELDE NAVAL SHIPBUILDING: KEY TO SUCCESS
Damen Schelde Naval Shipbuilding is an independent ship design-, engineering- and construction company. As the prime supplier of naval surface combatants and auxiliaries to the Royal Netherlands Navy for more than 100 years, our vessels have benefited from continuous development and improvement. Damen has experience with several business models both as Main Contractor for Platform and Combat system and as Subcontractor for Platforms. DSNS has a proven track record in delivering high quality vessels on time and within budget.