

VANGUARD 130 MULTI-ROLE COMBATANT

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Vanguard 130 Multi-Role Combatant is the latest variant of ST Engineering’s proprietary Vanguard series designs. Packed with the latest innovations to harness the multiplier effect offered by digital technologies, the V130 promises to do more with less, allowing navies to operate large multi-role combatants with crew sizes typical of smaller coastal defenders. This latest variant product will integrate a suite of solutions to enable faster, more efficient, autonomous operations.

KEY FEATURES OF VANGUARD 130

- 1 High survivability and reduced signatures
- 2 Multi-Missions Management using Configurable Payloads
- 3 Cross-Platform Interoperability
- 4 Manned and Unmanned Teaming
- 5 Smart Maintenance
- 6 Robust Cyber Security

Principal specifications

Length (Approx.)	130m
Breadth Moulded (Approx.)	19.0m
Draught Moulded (Approx.)	5.20m
Displacement (Approx.)	5,000t
Design speed	25 knots
Range	6,000 nm at 15 knots
Endurance	30 days
Complement	110
Operation	Up to Sea State 6
2 x RHIB/ USV with LARS	
Helicopter facilities	15t helicopter
Mission decks	20 TEU modules

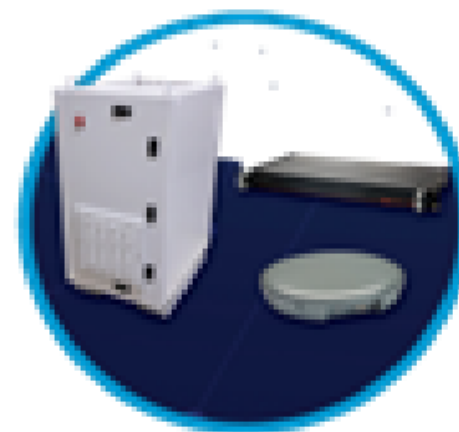
ST ENGINEERING suite of products on VANGUARD 130



NERVA Ship Management System and Sensemaking System (SMS²)



Integrated Communication System



Navigation & Data Management System



Situational Awareness Traffic Management



Scanned Panoramic Electro Optics System



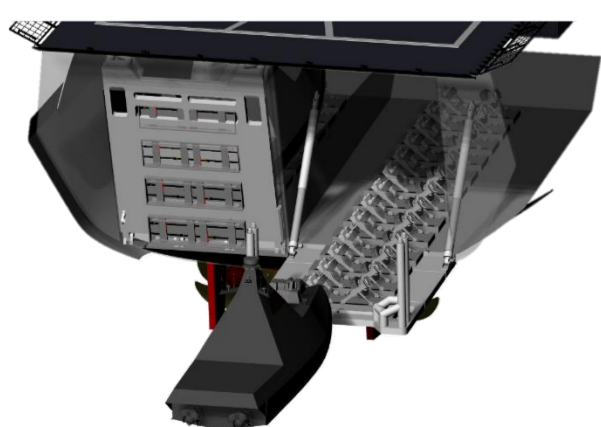
Satellite Communication System



GNSS Anti-Jam Protection



Training and Simulations



Launch and Recovery System Q-LARS 2.0



Swift 18m USV



Autonomous Underwater Vessel



Link to Fleet Management Centre

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