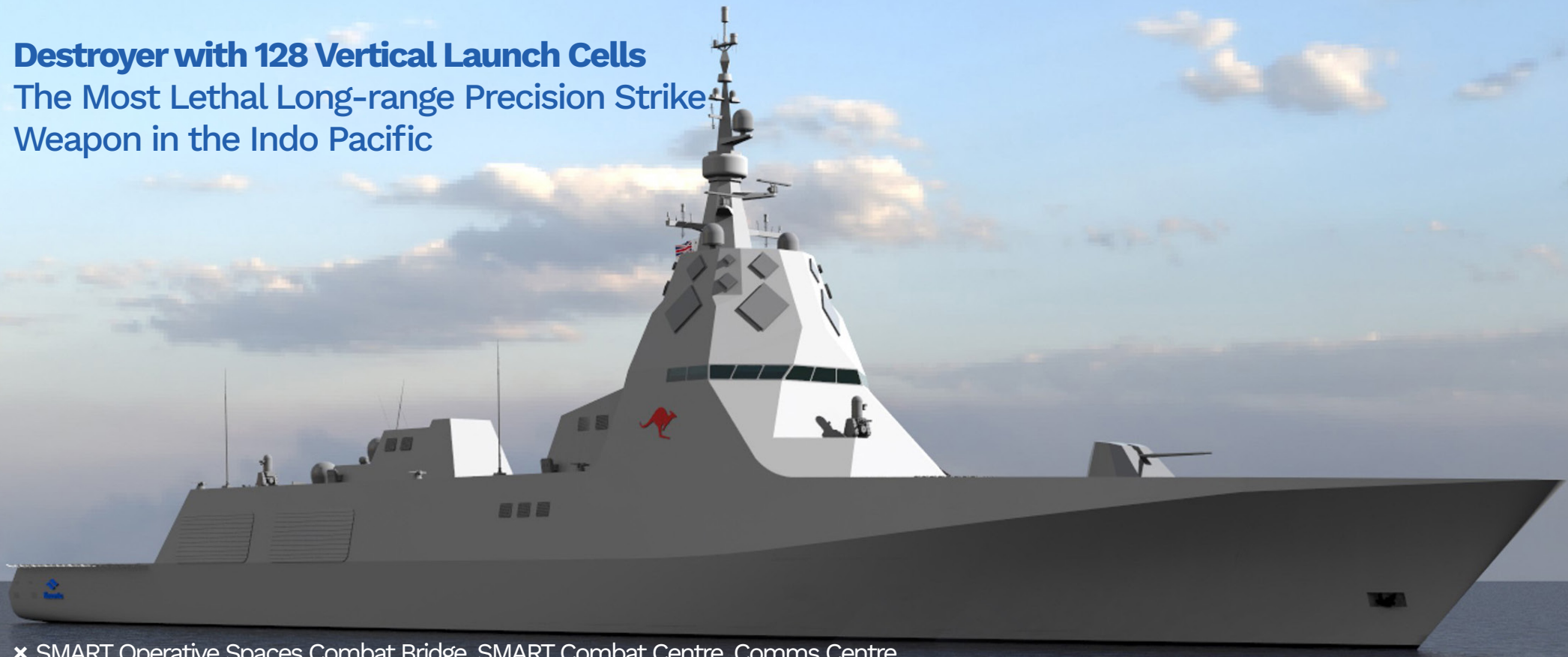
FLIGHT III DESTROYER

Navantia Australia

Destroyer with 128 Vertical Launch Cells

The Most Lethal Long-range Precision Strike Weapon in the Indo Pacific



- SMART Operative Spaces Combat Bridge, SMART Combat Centre, Comms Centre and Uncrewed vehicles Integration.
- UUV & VDS & NIXIE Modular Zone.
- USV & RHIB Modular Zone.
- Systems interoperability, connectivity, bandwidth, spectrum management, and security/resilience.
- Capability to share information in the cloud and update the data obtained by our own sensors.

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Weapons

- 128 x VLS cells
- 2 x CIWS
- 1 x 5” main gun
- 6 x 1/2” remote weapon station
- 2 x double tube torpedo launchers each side of vessel
- Anti-torpedo system
- Drone swarm
- Anti-drones swarm
- Potential future configuration with 1 x Directed-Energy Weapon
- Nulka systems
- Anti-submarine decoy systems

Sensors

- 4 x X-Band radar
- S-Band radar
- L-Band IFF radar
- GFCS Mk-20 Mod
- 2 x IRST
- Spouk
- HMS (Thales or Ultra model)
- Modular VDS
- Under Water Telephone system
- CEC system
- Laser Warning System (LWS)
- Antidrones System
- ECCM

Alternative to Fossil Fuels

- Energy efficiency improvement measures
- Energy recovery systems
- Integration of navalised solutions of systems of new energy sources
- Handling, storage, and safety of new fuels

Protection Against New Threats

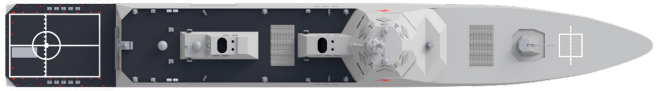
- Coating of new materials with capacity for deception and sensorisation
- Active/passive management systems of ship signatures through the use of AI tools
- Integration of multi-spectral detection systems
- Integration of distributed and/or remote sensor systems
- Development of self-reconfigurable systems to increase recoverability of ship

Advanced Technology Weapons

- Higher capacity electric power generation, storage, and distribution systems
- Intelligent energy availability management systems based on real-time data
- Integration into the platforms of new weapons and sensors
- Topside adaptation
- Structural integration
- Electromagnetic compatibility
- Platform stabilisation
- Refrigeration systems

Main Characteristics

Length	165m
Max beam	21m
Max speed	30kn
Displacement	10200t
Range	5000nm



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