D 650 Aquitaine [FREMM ASW] - 2022

France

Type: FFG - Guided Missile Frigate

Max Speed: 28 kt

Commissioned: 2022

Length: 142.0 m

Beam: 19.7 m

Draft: 5.0 m

Crew: 108

Displacement: 4800 t

Displacement Full: 5800 t

Propulsion: 2x EPM Jeumont Diesels, 1x General Electric LM-2500 G4 Gas Turbine, CODLOG

Sensors / EW:

- Nettuno 4100 RECM - (Horizon, FREMM) ECM, OECM & DECM, Offensive & Defensive ECM, Max range: 0 km
- ATBF 2 - (DSBX 1, SLASM, Type 2087?) VDS, Active/Passive Sonar, VDS, Active/Passive Variable Depth Sonar, Max range: 74.1 km
- Sentinel RESM - (Horizon, FREMM) ESM, ELINT w/ OTH Targeting, Max range: 926 km
- Artemis - (Horizon, FREMM) Infrared, IRST, Imaging Infrared Search and Track, Max range: 185.2 km
- Herakles 3D - (Horizon, FREMM) Radar, Radar, Air & Surface Search, 3D Medium-Range, Max range: 203.7 km
- UMS 4410CL - (FREMM) Hull Sonar, Active/Passive, Hull Sonar, Active/Passive Search & Track, Max range: 74.1 km
- Scanter 2001 - (Land-Based Scanter 4100) Radar, Radar, Air & Surface Search, 2D Medium-Range, Max range: 196.3 km
- Najir [Optical] - (Group, Gun Fire Control) Visual, Visual, Weapon Director TV Camera, Max range: 148.2 km
- Najir [IR] - (Group, Gun Fire Control) Infrared, Infrared, Weapon Director Camera, Max range: 148.2 km
- Najir [Laser Rangefinder] - (Group, Gun Fire Control) Laser Rangefinder, Laser Rangefinder for Weapon Director, Max range: 7.4 km
- UMS 4249 CAPTAS Mk4 - (Group, Gun Fire Control) VDS, Active/Passive Sonar, VDS, Active/Passive Variable Depth Sonar, Max range: 129.6 km
- SNA-2000/I - (Mine Avoidance Element) Hull Sonar, Active-Only, Hull Sonar, Active-Only Mine & Obstacle Avoidance, Max range: 1.1 km
- SNA-2000/I - (Acoustic Intercept Element) Acoustic Intercept (Active Sonar Warning), Acoustic Intercept, Max range: 127.8 km
- SeaBeam 3050 - (FREMM) Hull Sonar, Active-Only, Hull Sonar, Active-Only Search & Track, Max range: 3.7 km
- Altesse HF/DF - (FREMM) ESM, HF/DF w/ OTH Targeting, Max range: 926 km

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Weapons / Loadouts:

- MM.40 Exocet Blk III - (2011) Guided Weapon. Surface Max: 185.2 km. Land Max: 185.2 km.

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- 76mm/62 Super Rapido HE Burst [2 rnds] - Gun. Air Max: 2.8 km. Surface Max: 11.1 km. Land Max: 11.1 km.
- 12.7mm/50 MG Burst [10 rnds] - (Facility/Ship, No Anti-Air Capability) Gun. Surface Max: 1.9 km. Land Max: 1.9 km.
- 20mm Narwhal 20B [M693] Burst [20 rnds] - Gun. Air Max: 1.5 km. Surface Max: 1.9 km. Land Max: 1.9 km.
- Aster 15 PAAMS [GWS.45 Sea Viper] - Guided Weapon. Air Max: 37 km.
- SEALEM 08-02 Chaff [SEACLAD] - Decoy (Expendable). Surface Max: 1.9 km.
- SEALIR 08-01 Flare [SEACLAD] - Decoy (Expendable). Surface Max: 1.9 km.
- CONTRALTO-V [SLAT] - (Torpedo Decoy, Ship) Decoy (Expendable). Surface Max: 1.9 km.
- MU-90 Impact - (2003, Ex-Murene, Ex-A.290) Torpedo. Subsurface Max: 7.4 km.
- MdCN [Naval SCALP EG] - (2014) Guided Weapon. Land Max: 1407.5 km.