

D 553 Andrea Doria [Orizzonte] - 2010 Horizon

Italy

Type: DDG - Guided Missile Destroyer

Max Speed: 28 kt

Commissioned: 2010

Length: 152.9 m

Beam: 20.2 m

Draft: 5.4 m

Crew: 136

Displacement: 5600 t

Displacement Full: 7050 t

Propulsion: 2x SEMT-Pielstick 12 PA6 STC

Diesels, 2x General Electric-Avio LM-2500

Gas Turbines, CODOG



Sensors / EW:

- MM/SPY-790 EMPAR MFR - Radar, Radar, FCR, Surface-to-Air & Surface-to-Surface, Medium-Range, Max range: 148.2 km

- IRAS [CCD] - (Group, IR Alerting System) Visual, LLTV, Target Search, Slaved Tracking and Identification, Max range: 185.2 km

- IRAS [IR] - (Group, IR Alerting System) Infrared, Infrared, Target Search, Slaved Tracking and Identification Camera, Max range: 185.2 km

- IRAS [Laser Rangefinder] - (Group, IR Alerting System) Laser Rangefinder, Laser Rangefinder, Max range: 0 km

- Sentinel RESM - (Horizon, FREMM) ESM, ELINT w/ OTH Targeting, Max range: 926 km

- Nettuno 4100 RECM - (Horizon, FREMM) ECM, OECM & DECM, Offensive & Defensive ECM, Max range: 0 km

- MM/SPN-749 - (Horizon, FREMM) Radar, Radar, Surface Search & Navigation, Max range: 74.1 km

- S.1850M VSR [BMD Mod] - (RAN-40S, RAT-31DL, SMART-L Derivative) Radar, Radar, Air Search, 3D Long-Range, Max range: 2000.2 km

- UMS 4110CL - (RAN-40S, RAT-31DL, SMART-L Derivative) Hull Sonar, Active/Passive, Hull Sonar, Active/Passive Search & Track, Max range: 29.6 km

- NA-25 [IR] - (Group) Infrared, Infrared, Weapon Director Camera, Max range: 185.2 km

- RTN-25X (Orion 25X) [Radar] - (Group) Radar, Radar, FCR, Weapon Director, Max range: 37 km

- ALTO - (CONTRALTO-V) TASS, Passive-Only Towed Array Sonar System, TASS, Passive Torpedo Warning Towed Array Sonar System, Max range: 7.4 km

Weapons / Loadouts:

- Aster 30 PAAMS [GWS.45 Sea Viper] - Guided Weapon. Air Max: 111.1 km.

- Aster 15 PAAMS [GWS.45 Sea Viper] - Guided Weapon. Air Max: 37 km.

- 76mm/62 Super Rapido DART Burst [2 rnds, DART] - (DAVIDE/STRALES projectile) Guided Projectile. Air Max: 4.6 km. Surface Max: 22.2 km. Land Max: 33.3 km.

- SCLAR-H Chaff - Decoy (Expendable). Surface Max: 1.9 km.

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- SCLAR-H Flare - Decoy (Expendable). Surface Max: 1.9 km.
- 25mm/80 OTO Breda KBA Burst [20 rnds] - Gun. Air Max: 1.5 km. Surface Max: 2.8 km. Land Max: 2.8 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.