D 25 Marcilio Diaz [Gearing FRAM I] - 1974

Brazil

Type: DD - Destroyer

Max Speed: 30 kt

Commissioned: 1974

Decommissioned: 1990

Length: 119.2 m

Beam: 12.5 m

Draft: 5.7 m

Crew: 274

Displacement: 2615 t

Displacement Full: 3460 t

Propulsion: 4x Boilers, 2x General Electric Steam Turbines

Sensors / EW:
- AN/WLR-11 - (RWR for AN/WLR-1G, Improved AN/WLR-3 & AN/ALR-52) ESM, RWR, Radar Warning Receiver, Max range: 222.2 km
- AN/WLR-1G - (RWR for AN/WLR-1G, Improved AN/WLR-3 & AN/ALR-52) ESM, ELINT, Max range: 926 km
- AN/SQQ-23A PAIR - (1974, AN/SQS-23 with Second Transducer) Hull Sonar, Active/Passive, Hull Sonar, Active/Passive Search & Attack, Max range: 37 km
- Mk35 - (Mk56, GFCR) Radar, Radar, FCR, Weapon Director, Max range: 27.8 km
- AN/SPS-10B - (Mk56, GFCR) Radar, Radar, Surface Search & Navigation, Max range: 74.1 km
- AN/SPS-40 - (1963) Radar, Radar, Air Search, 2D Long-Range, Max range: 407.4 km
- AN/ULQ-6B - (1970) ECM, OECM & DECM, Offensive & Defensive ECM, Max range: 0 km

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Weapons / Loadouts:
- RUR-5A Mod 3 ASROC RTT [Mk44] - (1964) Guided Weapon. Subsurface Max: 18.5 km.
- 127mm/38 Twin AA-VT Burst [Anti-Aircraft Common, 2 rnds] - (USN, Anti-Aircraft Frag) Gun. Air Max: 2.8 km. Surface Max: 16.7 km. Land Max: 16.7 km.
- 127mm/38 Twin HE-PD Burst [HiCap, 2 rnds] - (USN) Gun. Air Max: 2.8 km. Surface Max: 16.7 km. Land Max: 16.7 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.
- Generic Chaff Rocket - (Ship-only) Decoy (Expendable). Surface Max: 1.9 km.
- Mk44 Mod 1 - (1959, Major version) Torpedo. Subsurface Max: 3.7 km.