

F 40 Niteroi [Vosper Mk10, ASW] - 1991

Brazil

Type: FF - Frigate

Max Speed: 29 kt

Commissioned: 1991

Length: 129.2 m

Beam: 13.5 m

Draft: 4.2 m

Crew: 209

Displacement: 3200 t

Displacement Full: 3800 t

Propulsion: 4x MTU 16V 956 TB91 Diesels, 2x

Rolls-Royce Olympus TM-3B Gas Turbines,

CODOG



Sensors / EW:

- EDO 701 [AN/SQS-35 Derivative] - VDS, Active Only Sonar, VDS, Active-Only Variable Depth Sonar, Max range: 11.1 km
- EDO 610E - Hull Sonar, Active/Passive, Hull Sonar, Active/Passive Search & Track, Max range: 29.6 km
- ZW.06 - (1972, PIN 515) Radar, Radar, Surface Search & Navigation, Max range: 46.3 km
- AWS.2 - (1972, PIN 515) Radar, Radar, Target Indicator, 2D Surface-to-Air & Surface-to-Surface, Max range: 111.1 km
- Cygnus [ESM] - (Anaren) ESM, ELINT, Max range: 926 km
- Cygnus [ECM] - (Anaren) ECM, OEMCM & DECM, Offensive & Defensive ECM, Max range: 0 km
- Cutlass B1 - (Assoc w Scorpion jammer/Anaren antenna) ESM, ELINT w/ OTH Targeting, Max range: 926 km
- RTN-10X (Orion 10X) - (1973, GFCR, Type 912) Radar, Radar, FCR, Weapon Director, Max range: 37 km
- Galileo OG R7/2 - (Galileo OG 20) Visual, Visual, Weapon Director TV Camera, Max range: 129.6 km

Weapons / Loadouts:

- Mk46 NEARTIP Mod 5 - (1984) Torpedo. Subsurface Max: 7.4 km.
- Corvus Chaff [Seduction] - (102mm) Decoy (Expendable). Surface Max: 1.9 km.
- Corvus Chaff [Distraction] - (102mm) Decoy (Expendable). Surface Max: 1.9 km.
- Bofors 375mm ASW Rocket Salvo [2 rnds] - Rocket. Subsurface Max: 3.7 km.
- 40mm/70 Single Bofors Burst [4 rnds] - Gun. Air Max: 2.2 km. Surface Max: 5.6 km. Land Max: 5.6 km.
- 114mm/55 Mk8 HE(MP) HE - Gun. Air Max: 2.8 km. Surface Max: 18.5 km. Land Max: 18.5 km.
- Sea Cat Mod 1 - Guided Weapon. Air Max: 7.4 km. Surface Max: 7.4 km.
- Generic GMTR [Guided Missile Training Round] - (Aka Drill Round) Training Round.
- 12.7mm/50 MG Burst [10 rnds] - (Facility/Ship, No Anti-Air Capability) Gun. Surface Max: 1.9 km. Land Max: 1.9 km.