

F 330 Vasco Da Gama [Meko 200PN] - 1991

Portugal

Type: FF - Frigate

Max Speed: 32 kt

Commissioned: 1991

Length: 115.9 m

Beam: 14.8 m

Draft: 4.1 m

Crew: 182

Displacement: 2920 t

Displacement Full: 3200 t

Propulsion: 2x MTU 12V 1163 TB83 Diesels,

2x General Electric LM-2500-30 Gas Turbines,

CODOG

Sensors / EW:

- Telegon 4 - (AK 1200) ESM, HF/DF, Max range: 926 km
- MW.08 - (1991) Radar, Radar, Target Indicator, 3D Surface-to-Air & Surface-to-Surface, Max range: 88.9 km
- AR-700A(V)1 APECS II - (ASP-2000) ECM, OECM & DECM, Offensive & Defensive ECM, Max range: 0 km
- DA.08/1 - (Single Beam, PFN 513, AN/SPQ-50) Radar, Radar, Air & Surface Search, 2D Medium-Range, Max range: 185.2 km
- CA/SQS-510 - (Single Beam, PFN 513, AN/SPQ-50) Hull Sonar, Active/Passive, Hull Sonar, Active/Passive Search & Track, Max range: 55.6 km
- AR-700A(V)1 - (ASP-2000, Assoc w APECS II) ESM, ELINT, Max range: 926 km
- KH 1007 [Type 1007] - (Portugal) Radar, Radar, Surface Search & Navigation, Max range: 177.8 km
- STIR 180 [Radar] - (Sea Sparrow) Radar, Radar, FCR, Surface-to-Air & Surface-to-Surface, Short-Range, Max range: 59.3 km
- STIR 180 [IR Camera] - (Sea Sparrow) Infrared, Infrared, Target Tracking and Identification Camera, Max range: 185.2 km
- STIR 180 [TV Camera] - (Sea Sparrow) Visual, Visual, Target Tracking and Identification TV Camera, Max range: 185.2 km

Weapons / Loadouts:

- 100mm/55 Model 1968 PFHE Burst [4 rnds] - (Model 1968 CADAM/1968-II, Improved) Gun. Air Max: 2.8 km. Surface Max: 13 km. Land Max: 13 km.
- 100mm/55 Model 1968 HE Burst [4 rnds] - (Model 1968 CADAM/1968-II, Improved) Gun. Surface Max: 13 km. Land Max: 13 km.
- RIM-7M Sea Sparrow - (1985) Guided Weapon. Air Max: 25.9 km. Surface Max: 25.9 km.
- 20mm/85 Mk15 Phalanx Blk 0 Burst [200 rnds] - Gun. Air Max: 1.5 km.
- Mk46 NEARTIP Mod 5 - (1984) Torpedo. Subsurface Max: 7.4 km.
- RGM-84D Harpoon IC - (1986) Guided Weapon. Surface Max: 138.9 km.

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- 20mm/70 Oerlikon Burst [20 rnds] - Gun. Air Max: 1.5 km. Surface Max: 1.9 km. Land Max: 1.9 km.
- Mk214 Sea Gnat Chaff [Seduction] - (1987) Decoy (Expendable). Surface Max: 1.9 km.
- Mk216 Sea Gnat Chaff [Distraction] - (1988) Decoy (Expendable). Surface Max: 1.9 km.
- Mk186 TORCH Flare [Seduction] - (1979) Decoy (Expendable). Surface Max: 1.9 km.
- AN/SLQ-25 Nixie - Decoy (Towed). Surface Max: 1.9 km.