

## F 31 Descubierta - 1979

### Spain

Type: FFG - Guided Missile Frigate

Max Speed: 26 kt

Commissioned: 1979

Length: 88.9 m

Beam: 10.4 m

Draft: 4.0 m

Crew: 118

Displacement: 1428 t

Displacement Full: 1640 t

Propulsion: 4x MTU-Bazan 16V 956 TB91

Diesels



#### Sensors / EW:

- Telegon 4 - (AK 1200) ESM, HF/DF, Max range: 926 km
- WM.25 - (Low-Level AD, Missile FCS) Radar, Radar Illuminator, Long-Range, Max range: 118.5 km
- DA.05 [RAWS-3] - (Low-Level AD, Missile FCS) Radar, Radar, Target Indicator, 2D Surface-to-Air & Surface-to-Surface, Max range: 237.1 km
- ZW.06 - (1972, PIN 515) Radar, Radar, Surface Search & Navigation, Max range: 46.3 km
- DE 1160B - (Export Version) Hull Sonar, Active/Passive, Hull Sonar, Active/Passive Search & Track, Max range: 9.3 km
- Generic Navigation Radar - (Export Version) Radar, Radar, Navigation, Max range: 37 km
- Newton Beta [ELT 318/521, ECM] - (Export Version) ECM, OECM & DECM, Offensive & Defensive ECM, Max range: 0 km
- Galileo OG R7/2 - (Galileo OG 20) Visual, Visual, Weapon Director TV Camera, Max range: 129.6 km
- Newton Beta [ELT 211, ESM] - (Galileo OG 20) ESM, ELINT, Max range: 926 km

---

#### Weapons / Loadouts:

- Bofors 375mm ASW Rocket Salvo [2 rnds] - Rocket. Subsurface Max: 3.7 km.
- 76mm/62 Compact HE Burst [4 rnds] - Gun. Air Max: 2.8 km. Surface Max: 11.1 km. Land Max: 11.1 km.
- Mk186 TORCH Flare [Seduction] - (1979) Decoy (Expendable). Surface Max: 1.9 km.
- Mk182 SRBOC Chaff [Seduction] - (1979) Decoy (Expendable). Surface Max: 1.9 km.
- RIM-7H Sea Sparrow - (1976, Mk29) Guided Weapon. Air Max: 14.8 km. Surface Max: 14.8 km.
- Mk46 LWT Mod 2 - (1972) Torpedo. Subsurface Max: 5.6 km.
- RGM-84A Harpoon IP - (1977) Guided Weapon. Surface Max: 120.4 km.
- 40mm/70 Single Breda Burst [4 rnds] - Gun. Air Max: 2.2 km. Surface Max: 5.6 km. Land Max: 5.6 km.