S-81 Isaac Peral [S-80A] - 2022 - First Unit S-82 Narciso Manturiol, Delays in Delivery

Spain



Type: SS - Attack/Fleet Submarine
Max Depth: -250 m
Max Speed: 20 kt
Commissioned: 2022
Length: 71.1 m
Beam: 7.3 m
Draft: 6.2 m
Crew: 32
Displacement: 2200 t
Displacement Full: 2388 t
Propulsion: AIP Motor

Sensors / EW:
- Generic ESM [Advanced] - (1990s, Precise Emitter ID) ESM, ELINT, Max range: 926 km
- EDO xxx Flank - (S-80A Suite) Hull Sonar, Passive-Only, Hull Sonar, Passive-Only Ranging Flank Array Search & Track, Max range: 74.1 km
- EDO xxx Hull - (S-80A Suite) Hull Sonar, Active/Passive, Hull Sonar, Active/Passive Search & Track, Max range: 44.4 km
- ARIES-S - (LPI) Radar, Radar, Surface Search & Navigation, Max range: 92.6 km
- Solarsub - (Spain, 2006, FRTAS Reeling System) TASS, Passive-Only Towed Array Sonar System, TASS, Passive-Only Thin Line Towed Array Sonar System, Max range: 74.1 km
- EDO xxx Acoustic Intercept - (S-80A Suite) Acoustic Intercept (Active Sonar Warning), Acoustic Intercept, Max range: 127.8 km
- Generic Mine & Obstacle Avoidance - (Submarine) Hull Sonar, Active-Only, Hull Sonar, Active-Only Mine & Obstacle Avoidance, Max range: 0.9 km
- Generic Photonics Mast TV/EO Component - (1.5x/24x Zoom) Visual, Visual, Surveillance & Navigation TV Camera, Max range: 41.7 km
- Generic Photonics Mast LLTV Component - (2000s/2010s, 1.5x/24x Zoom) Visual, LLTV, Surveillance & Navigation Camera, Max range: 41.7 km
- Generic Photonics Mast IR Component - (2000s/2010s, 1.5x/12x Zoom) Infrared, Infrared, Surveillance & Navigation Camera, Max range: 41.7 km

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Weapons / Loadouts:
- Generic Acoustic Decoy - (2000s, Noisemaker / Bubble Screen) Decoy (Expendable). Subsurface Max: 1.9 km.
- DM2A4 Seehecht - (2009, Seahake) Torpedo. Surface Max: 11.1 km. Subsurface Max: 11.1 km.
- UGM-84L Harpoon II - Guided Weapon. Surface Max: 138.9 km. Land Max: 138.9 km.