

## 793 Hai Lung [Zwaardvis Mod Class] - 1988

### Taiwan

Type: SSK - Hunter-Killer Submarine

Max Depth: -220 m

Max Speed: 20 kt

Commissioned: 1988

Length: 66.9 m

Beam: 8.4 m

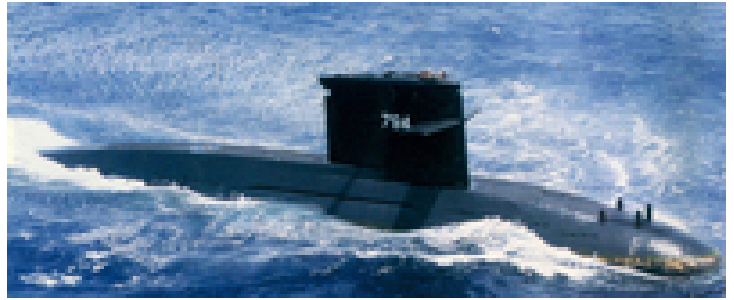
Draft: 6.7 m

Crew: 67

Displacement: 2376 t

Displacement Full: 2660 t

Propulsion: 1x Holec Electric Motor



#### Sensors / EW:

- Timnex 4CH(V)2 - ESM, ELINT w/ OTH Targeting, Max range: 926 km
- SIASS Bow Array - Hull Sonar, Active/Passive, Hull Sonar, Active/Passive Search & Track, Max range: 29.6 km
- AR-700S5 - (Submarine) ESM, ELINT w/ OTH Targeting, Max range: 926 km
- ZW.07 [Decca 1001] - (Submarine) Radar, Radar, Surface Search & Navigation, Max range: 27.8 km
- SIASS Flank Array - (Submarine) Hull Sonar, Passive-Only, Hull Sonar, Passive-Only Ranging Flank Array Search & Track, Max range: 74.1 km
- SIASS Acoustic Intercept - (Submarine) Acoustic Intercept (Active Sonar Warning), Acoustic Intercept, Max range: 66.7 km
- Generic Submarine Periscope, Optical - (1980s, 1.5x/8x Zoom) Visual, Visual, Surveillance Periscope, Max range: 41.7 km
- Generic Submarine Periscope, LLTV - (1970s, Gen 1, 1x/2x Zoom) Visual, LLTV, Surveillance & Navigation Camera, Max range: 27.8 km

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#### Weapons / Loadouts:

- Generic Acoustic Decoy - (1980s, Noisemaker / Bubble Screen) Decoy (Expendable). Subsurface Max: 1.9 km.
- SUT Mod 2 - (Submarine, ASW & ASuW) Torpedo. Surface Max: 9.3 km. Subsurface Max: 9.3 km.

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**OVERVIEW:** The Chien Lung class of submarine was manufactured in the Netherlands for the Republic of China (Taiwan) and is currently in service with its navy. They are a modified version of the Dutch Navy's Zwaardvis class submarine which is based on the US Barbel Class.

**DETAILS:** In 2005, it was reported that the Chien Lung class submarines would be upgraded to be capable of launching the UGM-84 Harpoon anti-ship missile.

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In 2008, the Pentagon notified the United States Congress of the sale to Taiwan of 32 UGM-84 Harpoon Block II missiles, along with two weapon control systems, other associated equipment and services.

TYPE: Diesel Electric Submarine (SS).

SPECIFICATION: Displacement: 2376 t (surfaced), 2660 t (submerged) || Length: 66.9 m || Beam: 8.4 m || Draught: 6.7 m || Propulsion: (3) Bronswerk/Stork-Werkspoor RUB 215x12 diesels; 4050 hp Complement: 67 (8 officers).

PERFORMANCE: Speed: 20 knots (submerged), 12 knots (surfaced).

SENSORS: None listed.

ARMAMENT: (6) 21" torpedo tubes || 20 torpedoes/missiles || AEG SUT (dual purpose - wire-guided, active/passive homing) || UGM-84 Harpoon (planned).

SHIPS BUILT: Hai Lung (SS-793) || Hai Hu (SS-794)

SOURCE: [SCO] Wikipedia <http://en.wikipedia.org>