SS 514 Hakugei [Taigei Class] - 2023

Japan

Type: SSK - Hunter-Killer Submarine

Max Depth: -280 m

Max Speed: 20 kt

Commissioned: 2023

Length: 84.0 m

Beam: 9.1 m

Draft: 8.5 m

Crew: 65

Displacement: 3000 t

Displacement Full: 4200 t

Propulsion: Electric Motor

Sensors / EW:

- CM010 TV/EO Component - (1.5x/24x Zoom) Visual, Visual, Surveillance & Navigation TV Camera, Max range: 41.7 km
- CM010 LLTV Component - (2000s/2010s, 1.5x/24x Zoom) Visual, LLTV, Surveillance & Navigation Camera, Max range: 41.7 km
- CM010 IR Component - (2000s/2010s, 1.5x/12x Zoom) Infrared, Infrared, Surveillance & Navigation Camera, Max range: 41.7 km
- CM010 QLR IR Component - (1x/2x Zoom) Infrared, Infrared, Day/Night Spherical Situational Awareness & Fire Control, Max range: 27.8 km
- J/ZPS-6H - (1x/2x Zoom) Radar, Radar, Surface Search & Navigation, Max range: 111.1 km
- J/ZQQ-8 Bow - (1x/2x Zoom) Hull Sonar, Passive-Only, Hull Sonar, Passive-Only Search & Track, Max range: 74.1 km
- J/ZQQ-8 Flank Array - (1x/2x Zoom) Hull Sonar, Passive-Only, Hull Sonar, Passive-Only Ranging Flank Array Search & Track, Max range: 74.1 km
- J/ZQQ-8 TASS - (1x/2x Zoom) TASS, Passive-Only Towed Array Sonar System, TASS, Passive-Only Thin Line Towed Array Sonar System, Max range: 129.6 km
- Generic Acoustic Intercept - (1x/2x Zoom) Acoustic Intercept (Active Sonar Warning), Acoustic Intercept, Max range: 66.7 km
- J/ZLR-7 - (1x/2x Zoom) ESM, ELINT, Max range: 926 km

Weapons / Loadouts:

- UGM-84L Harpoon II - Guided Weapon. Surface Max: 138.9 km. Land Max: 138.9 km.
- Type 18 [G-RX6] - (2022) Torpedo. Surface Max: 11.1 km. Subsurface Max: 11.1 km.
- ZLQ-2B - (Acoustic Decoy) Decoy (Expendable). Subsurface Max: 1.9 km.
- MOD - (Japan, Mobile Torpedo Decoy, Type 1 Submarine Mobile Decoy) Decoy (Expendable). Surface Max: 5.6 km.

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