

PLARK-670M Charlie II [Skat-M] - 1975

Soviet Union [-1991]

Type: SSGN - Nuclear Powered Guided

Missile Attack Submarine

Max Depth: -350 m

Max Speed: 24 kt

Commissioned: 1975

Length: 103.0 m

Beam: 10.0 m

Draft: 8.0 m

Crew: 98

Displacement: 4300 t

Displacement Full: 5100 t

Propulsion: 1x Nuclear Reactor



Sensors / EW:

- Stop Light B [Nakat] - (Golf Ball) ESM, RWR, Radar Warning Receiver, Max range: 222.2 km
- Mouse Roar [MG-519 Arfa] - (MGK-400 Rubikon Suite) Hull Sonar, Active-Only, Hull Sonar, Active-Only Mine & Obstacle Avoidance, Max range: 0.9 km
- Park Lamp - (MGK-400 Rubikon Suite) ESM, HF/DF, Max range: 926 km
- Brick Pulp [MRP-21 Zaliv-P] - (Victor, Charlie) ESM, RWR, Radar Warning Receiver, Max range: 222.2 km
- Snoop Tray 2 [MRK-50 Kaskad] - (Victor, Charlie) Radar, Radar, Surface Search, Short-Range, Max range: 37 km
- Acoustic Intercept [MG-53] - (MGK-400 Rubikon Suite) Acoustic Intercept (Active Sonar Warning), Acoustic Intercept, Max range: 66.7 km
- Shark Gill [MGK-400 Rubikon] - (Assoc w MG-53, MG-519) Hull Sonar, Active/Passive, Hull Sonar, Active/Passive Search, Max range: 27.8 km
- Generic Submarine Periscope, Optical - (1970s, 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

Weapons / Loadouts:

- Generic Acoustic Decoy - (1970s, Noisemaker / Bubble Screen) Decoy (Expendable). Subsurface Max: 1.9 km.
 - SS-N-9 Siren [P-120 Malakhit, 200kT Nuclear] - Guided Weapon. Surface Max: 148.2 km.
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 - 53-65K WH - (1972, Submarine, Widely Used) Torpedo. Surface Max: 7.4 km.
 - 53-65N Gyro [NATO 53-68N, 20kT Nuclear] - (1971, Submarine) Torpedo. Surface Max: 7.4 km.
 - SET-65M Enot-2 [NATO ET-80A[76]] - (1973, Submarine) Torpedo. Subsurface Max: 7.4 km.
 - MG-74 - (Torpedo Decoy) Decoy (Expendable). Subsurface Max: 1.9 km.
 - SS-N-15 Starfish [RPK-2 Viyoga, 5kT Nuclear] - (1970, 82R) Guided Weapon. Subsurface Max: 40.7 km.
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OVERVIEW: The CHARLIE II SSGN (Project 670M("Skat-M")) is a nuclear-powered guided missile submarine.

DETAILS: The CHARLIE II-class SSGN is an improved CHARLIE I. It has been lengthened forward of the sail to accommodate additional weapons electronics.

NOTES:

Displacement: 5,100 tons submerged.

Speed: approximately 26 knots submerged

Reactors: 1 pressurized water

Complement: 85 (approx.)

Hulls built: 7

Period of Service: 1973-94

SOURCES: Norman Polmar, "Guide to the Soviet Navy, 3rd ed. (Annapolis, MD: Naval Institute Press, 1983), 97 ; Norman Polmar, "Submarines of the Russian and Soviet Navies, 1718-1990. (Annapolis, MD: Naval Institute Press, 1991), 187 ; Federation of American Scientists. "Project 670 / Charlie I Project 670M / Charlie II - Russian / Soviet Nuclear Forces." Accessed November 30, 2013. <http://www.fas.org/nuke/guide/russia/theater/670.htm>.