

INS Sandhayak

July 20, 2025 • vajiramandravi.com



INS Sandhayak Latest News

Recently, Indian Navy's INS Sandhayak made her maiden port call at Port Klang, Malaysia, for hydrographic cooperation.

About INS Sandhayak

- It is the first of the **indigenously designed and built Sandhayak-class hydrographic survey ship**, was commissioned in Feb 2024
- It was constructed at **Garden Reach Shipbuilders & Engineers (GRSE)**, Kolkata.
- The ship has full-scale coastal and deep-water **surveying capacity, oceanographic data collection** and is **capable of Search and Rescue (SAR)**/humanitarian operations with onboard helicopter and hospital functions.
- The primary purpose of the ship is to **conduct comprehensive coastal and deep-water Hydrographic Surveys** for Port and Harbour approaches, as well as determining navigational channels and routes.

- The **operational zone** extends up to **maritime limits**, covering the **Exclusive Economic Zone (EEZ)** and extended continental shelf.
- In its secondary role, the ship can offer **limited defence capabilities** and serve as a hospital ship during wartime or emergencies.
- It is equipped with cutting-edge hydrographic tools, including a Data Acquisition and Processing System, **Autonomous Underwater Vehicle**, Remotely Operated Vehicle, DGPS **Long-range positioning systems**, and Digital side-scan sonar.
- Powered by two diesel engines, the vessel boasts a **speed capability exceeding 18 knots....**
- The maiden visit of the ship to port Klang aims at facilitating technical exchanges and strengthening institutional ties via concerted cooperation like sharing of survey technologies and sustained hydrographic support engagements.

Source: PIB

Source: <https://vajiramandravi.com/current-affairs/ins-sandhayak/>

© Vajiram & Ravi. For personal use only.