



SPACE for Indian Navy

Source: PIB

Recently, **Defence Research and Development Organisation (DRDO)** has set up a premier testing & evaluation hub for SONAR Systems named **“SPACE”** in Kerala which is dedicated to the Indian Navy.

- It stands for **Submersible Platform for Acoustic Characterisation and Evaluation** (SPACE).
- It will mainly be utilised for evaluation of complete Sonar Systems. It consists of two distinct assemblages.
 - **Floating Part** is a platform which floats on the water surface, and
 - **Submerged Part** is a submersible platform which can be lowered to any depth upto 100 m **using winch systems**.
- Upon completion of operations, the submersible platform can be winched up and docked with the floating platform.
- It will allow quick deployment and easy recovery of scientific packages such as **sensors and transducers**.
- It will be suitable for **survey, sampling, and data collection** of air, surface, mid-water, and reservoir floor parameters using modern scientific instrumentation.
 - It will bring a new era of **Anti-Submarine Warfare** research capabilities.
- **SONAR (SOUND Navigation And Ranging)** is a device used for measuring distance using ultrasonic waves.
 - The sonar technique is used to determine the depth of the sea and to locate underwater hills, valleys, submarines, icebergs, sunken ships etc.

Read More: [Three Anti-Submarine Warfare Ships for Indian Navy](#)

PDF Reference URL: <https://www.drishtiias.com/printpdf/space-for-indian-navy>