



SARAT Version 2

Source: [PIB](#)

The **Ministry of Earth Sciences** launched **[SARAT \(Search and Rescue Aid Tool\)](#) Version 2** to enhance **search-and-rescue efficiency** in the Indian Ocean.

- **Key Enhancements:** More accurate search areas, **enhanced data visualization**, and **future upgrades** (e.g., [surface current](#) and **wind prediction** accuracy).
- **About SARAT:** It is a **satellite-based [distress alert system](#)** aiding **vessels, aircraft, and individuals** in remote or high-risk areas at **sea**.
 - **Developed by:** [ESSO-INCOIS](#) under the **Ministry of Earth Sciences (MoES)** as part of the **Make in India** initiative.
 - **Key Features:**
 - **Customizable Tracking:** Tracks **60 object types**, including people, rafts, boats, and aircraft.
 - **Accurate Predictions:** Forecasts search areas **up to 10 days** using wind, currents, and drifting buoys.
 - **User-Friendly Interface:** Interactive **maps, SMS/email alerts**, and local language support for fishermen.
- INCOIS, a **top tsunami service provider** recognized by [UNESCO](#), specializes in **ocean disaster management and early warnings**.
 - INCOIS won the [Subhash Chandra Bose Aapda Prabandhan Puraskar 2025](#) (Institutional Category) for excellence in **disaster management**.

Read More: [SC Bose Aapda Prabandhan Puraskar 2025 to INCOIS](#)

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