



Nabhmitra Application

Source: PIB

Recently, the **Nabhmitra application** helped fishermen in the sea during **cyclone Dana** using the **Vessel Communication and Support System**.

- Nabhmitra allows real-time tracking of **vessel positions, course and speeds**, helping fishermen return safely to shore during **adverse weather conditions** like **cyclones**.
- It is an initiative of the **Ministry of Fisheries, Animal Husbandry, and Dairying** featuring indigenous **transponder technology**.
 - It enables **two-way communication** which was not possible before induction of this technology beyond mobile coverage range.
 - It was developed by **Indian Space Research Organisation (ISRO)** and is being implemented through **NewSpace India Ltd (NSIL)**, commercial arm of ISRO.
- Traditionally, authorities relied on **Very High Frequency Radio Waves** and **phone calls** to contact vessels but locating fishing boats in **distant waters** was difficult due to absence of mobile networks.

Read More: [Distress Alert Transmitter For Fishermen](#)

PDF Refernece URL: <https://www.drishtias.com/printpdf/nabhmitra-application>