



## INDIAN TSUNAMI BUOY SYSTEM TYPE - 1



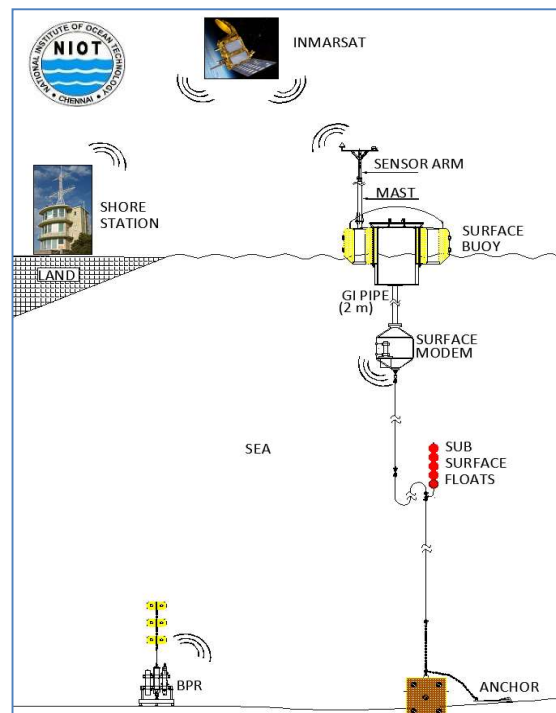
India, with a long coast line of more than 7500 km, remains vulnerable to natural disasters such as tsunami's and cyclones. Indian Tsunami Buoy System (ITBS), developed and operated by the National Institute of Ocean Technology (NIOT), is used for monitoring the water level changes in deep oceans to identify the propagation of a tsunami wave. The Indian Tsunami buoy systems type -1 consist of two units, a surface buoy and the Bottom Pressure Recorder (BPR). Communication between BPR and the surface buoy is established through acoustic modems and surface buoys uses satellite (IMARSAT, INSAT and Iridium modems) to communicate the recorded values to shore station.



Cylindrical Buoy



Bottom Pressure Recorder (BPR)



Indian Tsunami Buoy System Type-1

This technology is developed by **National Institute of Ocean Technology**, Ministry of Earth Sciences, Govt. of India and seeks to stimulate the use of technology by commercialization under Make in India Initiative and **National Research Development Corporation** will facilitate for smooth transfer and licensing of the technology with affordable Licencing terms and conditions.

*Any company or organization interested in the technical know-how and to get more details about the technology please refer the contact details below.*

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