



भारत सरकार/ GOVERNMENT OF INDIA

पोत परिवहन मंत्रालय / MINISTRY OF SHIPPING

नौवहन महानिदेशालय / DIRECTORATE GENERAL OF SHIPPING

"बिटा बिल्डिंग", 9 वी मंजिल / "BETA BUILDING", 9th FLOOR

आई-थिंक टेक्नो कैम्पस / I-THINK TECHNO CAMPUS

कांजुर गाँव रोड / KANJUR VILLAGE ROAD

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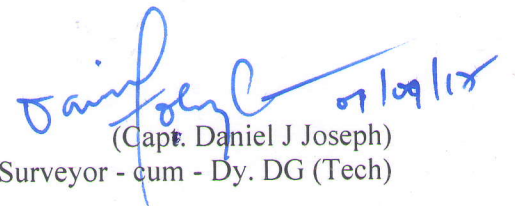
Authorized by	Maritime Assistance Branch	ISO/ISPS/ISM Clause
(1)	(2)	(3)
Nautical Adviser to GOI	Sub: Search and Rescue Aid Tool (SARAT) Mobile application - reg.	--
44-NT(05)/2014	Maritime Assistance Circular No. 01 of 2017	Dated: 01.09.2017

1. The **Search and Rescue Aid Tool (SARAT)** mobile applications is developed by Indian National Center for Ocean Information Services (INCOIS), was launched by the chairman of National Maritime Search & Rescue Board (NMSAR) during 16th NMSAR board meeting held at New Delhi on 10.07.2017 and are now available for use at Google play store.

2. SARAT system is to find out the most probable search area for missing persons/objects at sea. This system facilitates the Indian Coast Guard, Indian Navy and coastal security police in their operations to minimize loss of life, injury, and property damage.

3. The tool user will be able to select 60 types of missing objects such as: person in water, life raft, fishing boat, aviation, surf boat, sail boat etc. Users can select a specific point where the object is missed using the interactive map or they can select a coastal location, distance travelled and bearing angle so that the missing point is calculated. The results generated are shown in an interactive map depicting the probable area to be searched and also sent as a text message. All the requests and responses are provided in local languages of all coastal states so that fisherman also can use it in future to search if their fellow fisherman / boat are in distress. The system can predict the search location up to 10 days. The accuracy of SARAT is validated using the drifting buoys and other objects deployed in Sea. (*further details may be obtained from <http://115.113.76.77/sarat/home.jsp>*)

4. It is advised that the SARAT tool available in Google play store be widely utilised to save life and property at Sea.


(Capt. Daniel J Joseph)
Nautical Surveyor - cum - Dy. DG (Tech)