

TECHNOLOGIES TRANSFERRED FROM ISRO

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Distress Alert Transmitter

Technology Transferred to M/s Avantel Limited , Hyderabad,
M/s Komoline Electronics Pvt. Limited, Ahmedabad,
M/s VXL Technologies Pvt. Limited, Faridabad .

INSAT based Distress Alert Transmitter (DAT) is used to transmit emergency conditions and position location to a central HUB station via UHF transponder of INSAT for rescue operation. It can be easily installed in boats or other vehicles. In case of emergency, user just needs to switch on the DAT unit. User is required to select a message (eg: fire in boat / boat sinking / medical help / other emergency) by pressing the corresponding switch provided in the system. The DAT combines the message with position of the boat obtained through GPS, and transmits the same to a central HUB station. The DAT will repeat the message every minute for first five minutes and then every five minutes till it is switched off manually or until the battery life gets over.

For further details, please contact:

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