

GOVERNMENT OF INDIA
DEPARTMENT OF SPACE

RAJYA SABHA

UNSTARRED QUESTION NO. 1733

TO BE ANSWERED ON THURSDAY, MARCH 13, 2025

IMPROVISED DISTRESS ALERT TRANSMITTER

1733. DR. KANIMOZHI NVN SOMU:

Will the PRIME MINISTER be pleased to state:

- (a) whether ISRO has developed an improvised Distress Alert Transmitter (DAT) with advanced capabilities for fishermen at sea;
- (b) if so, the details thereof;??
- (c) whether it can send messages through a communication satellite; and
- (d) if so, the details of the advantages of such new devise for the safety and security of lakhs of fishermen who are frequently trapped in sea due to various reasons?

ANSWER

**MINISTER OF STATE IN THE MINISTRY OF PERSONNEL, PUBLIC
GRIEVANCES & PENSIONS AND IN THE PRIME MINISTER'S OFFICE**

(DR. JITENDRA SINGH):

(a), (b), (c) & (d)

Yes Sir, ISRO had developed Distress Alert Transmitter (DAT) for fishermen to support emergency reporting for maritime search and rescue operations. ISRO has upgraded the DAT by interfacing with the NavIC messaging receiver to provide acknowledgement of emergency messages together with information like potential fishing zones and emergency broadcast messages from control stations. This makes the Search and Rescue efforts more effective & user-friendly combining both satcom & satnav features. The DAT- SG Mission Control Centre (MCC) is installed along with Indian Mission Control Centre (INMCC) at ISTRAC, ISRO, Bengaluru and operationalized.
