

MANDATE FOR DATA RELAY TRANSPONDER (DRT) USERS

In the first DRT USERS meeting, which was held on 14th Jan, 2002 in the Conference Hall of Mausam Bhawan, Lodi Road New Delhi-3, the INSAT Coordination Committee (ICC) and Technical Advisory Group (TAG) designated IMD as a nodal agency to regulate all DRT related issues. The Mandate for DRT users are as follows:-

1. The committee should meet once in every year.
2. The mandate of the committee is to guide the users' agencies for the continued technical support and utilization of service.
3. There should be a contact dialog for coordination, clearance & technical guidance.
4. Clear-cut operating procedures should be evolved for full utilization of INSAT-DRT service.
5. The users should give feedback on existing network, projected network, technical details of receiving station and field station equipments and sensors.
6. A secretariat office has been created at IMD New Delhi where all relevant information on users, technical literature, details of equipments, sensors in use by various users etc. shall be kept and all assistance to users on supporting, certification, extension of the network & equipments shall be coordinated. This Secretariat will help in sorting out technical problems with DRT payload, equipments, sensors and other operational matters so that users will be in better position to handle problematic situations by taking assistance from there.
7. IMD will provide standard bench mark specifications to DRT users for follow up of all uplink transmitters and other DRT related equipments to ensure that:-
 - (i) Uplink signals of each user should be in pre designated frequency slot.
 - (ii) INSAT-DRT should not be overloaded due to non standard RF uplink equipments.
 - (iii) All the users should follow strictly power and frequency assignment of the Uplink transmitter so that they do not cause interference to other DRT users' and overloading to DRT payload on board satellite.
 - (iv) No transmitter is kept on for more than one second in continuous mode to avoid damage to DRT transponder.
 - (v) Interest of all the DRT users shall be safeguarded in order to ensure trouble free operations from their data collection platforms.
8. All meteorological Data Collected by users through INSAT-DRT shall be supplied free of cost to IMD on real time basis.

- 9. All the INSAT-DRT Users shall make available, one set of technical literature of their equipments to the Sectt., so that it will be available for consultation by others as and when needed.**
- 10. Problems in DRT operations & any new developments shall be reported to Sectt. by ISRO/DOS so that all the users can be informed & benefited.**