

AMATEUR-SATELLITE OPERATING PRACTICE

(Adopted at the IARU Region I Conference in Warsaw, 1975)

1. Region I member societies accept the instructions published by the sponsors of amateur -satellites like e.g. AMSAT as regards the times for operation, output powers that may be employed and the way of operating through the amateur-satellite, including adherence to the published satellite bandplan.
2. All possible publicity should be given to satellite bandplans, operating schedules, power limitations on ground stations etc., together with advice on the necessity of receiver improvement via low-noise pre-amplifiers and, where applicable, low-angle antennas, in order to enable operators to monitor their own and other downlink transmissions satisfactorily, thus ensuring that:
 - a. no transmission is started on a frequency already in use
 - b. interference due to doppler effect frequency shift is avoided
 - c. blocking caused by own transmissions can be identified and output power can be reduced
 - d. other stations calling can be heard and identified.
3. Amateur-satellite users should be encouraged to:
 - a. refrain from transmitting unless they can monitor their own signals
 - b. strictly adhere to the satellite bandplan with their modes of transmission
 - c. avoid long calls and slow operation
- d. refrain from operating during times reserved for specific purposes like scientific experiments, as published by the satellite sponsors.
4. National societies should supervise the implementation of the above recommendations, and take appropriate action against persistent offenders.

The above recommendations were re-confirmed and strengthened at the IARU Region I Conference in Miskolc-Tapolca (1978), where the following resolution was adopted:

Publicity, preferably on an annual basis, should be given to the correct ethics and practices for satellite operation. National societies should investigate the possibility of setting up monitoring stations for the amateur-satellite service, in order to be able to take direct action against operators who do not observe the internationally agreed operating rules. It is recommended that national societies

- a) write to offending amateurs in their own country (society members as well as non-society members) pointing out the correct behaviour and operating practice expected from them;
- b) report directly to other member societies any infringements of the established rules occurring in their country.

At the IARU Region 1 Conference in Tel Aviv 1996 it was decided that for a trial period the IARU Region 1 Monitoring System coordinator should not limit his activities to the bands below 30 MHz but take care as well, together with the national monitoring system coordinators and national satellite coordinators, of intruders in the input channels of satellite transponders. This activity might be rather complex as even the 145 MHz band is not exclusively for amateurs in some countries and the other satellite allocations have a secondary status in most countries. But the **VHF Managers** shall pay a lot of attention to this activity as the growing problem of intruders in satellite inputs is becoming a serious nuisance.

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