RECOMMENDATION ITU-R SM.1267*

COLLECTION AND PUBLICATION OF MONITORING DATA TO ASSIST FREQUENCY ASSIGNMENT FOR GEOSTATIONARY SATELLITE SYSTEMS

(Question ITU-R 32/1)

(1997)

The ITU Radiocommunication Assembly,

considering

a) that several satellite monitoring earth stations exist in various parts of the world and are capable of collecting data relating to radiated emissions from geostationary satellites;

b) that orbital slots for geostationary satellites are a valuable and scarce resource;

c) that a knowledge of the operational status of geostationary satellites recorded in the Master International Frequency Register is valuable to spectrum managers engaged in identifying orbital slots for new applicants;

d) that Resolution 18 (Kyoto, 1994) solicits information regarding the reliability of the geostationary satellite assignments recorded in the Master International Frequency Register and the role of international monitoring in this regard;

e) that a knowledge of the operational status of each geostationary satellite is of direct interest to participants of Radiocommunication Study Group 4, spectrum managers and satellite operators;

f) that Question ITU-R 32/1 addresses the application of monitoring to assist radiocommunication development,

recommends

1 that administrations participating in the international monitoring system and equipped with satellite capability, survey and report on observed activity by satellites that are registered in the Master International Frequency Register for geostationary operation;

2 that the data collected be suitable to verify the reliability of various parameters recorded in the Master International Frequency Register;

3 that observations and measurements be made of the minimum reported data and, as possible, other optional reported data as set forth in Annex 1;

4 that collected data be arranged and submitted in digital form to the Radiocommunication Bureau (BR) in the format outlined in Annex 1;

5 that the BR coordinate this survey by circular-letter, compile and publish the submitted data, and highlight differences between the submitted data and parameters recorded in the Master International Frequency Register.

* This Recommendation should be brought to the attention of Radiocommunication Study Group 4.

ANNEX 1

1 Minimum reported data

– Monitoring station (name, latitude and longitude)
– Antenna pointing (azimuth and elevation)
– Orbital position
– Frequencies monitored
– Date
– Time start
– Time end
– Activity observed (yes or no)

2 Optional reported data

Occupied RF spectrum _____ MHz lower _____ MHz upper _____ MHz

Total occupancy (transmission time) of all transponders _____ % during the period _____ (date/time) to _____ (date/time)

Upper frequency	Lower frequency	Bandwidth	pfd	Polarization	Occupancy
…	…	…	…	…	…