

**REGISTRATION OF EARTH STATIONS OPERATING IN THE FIXED-SATELLITE
SERVICE (SPACE-TO-EARTH) IN THE BAND 3 400-4 200 MHz**

The XI Meeting of the Permanent Consultative Committee II: Radiocommunications including Broadcasting,

CONSIDERING:

- a) That the World Radiocommunication Conference 2007 (WRC-07) adopted footnote **5.ZZZ** to the Table of Frequency Allocations in which the band 3 400-3 500 MHz was allocated to the mobile, except aeronautical mobile, service on a co-primary basis, in certain Region 2 countries subject to agreement obtained under No. **9.21**;
- b) That WRC-07 also adopted footnotes to the Table of Frequency Allocations to identify certain parts of the 3 400-3 600 MHz band for use by International Mobile Telecommunications (IMT) services in Regions 1 and 3;
- c) That the fixed and mobile terrestrial services have a co-primary allocation with the Fixed Satellite Service (FSS) in 3 500-4200 MHz in Region 2;
- d) That when identifying any administration with which coordination may be required under No. **9.21**, the ITU Radiocommunication Bureau (BR) will only be able to carry out such identification if a specific FSS Earth Station has been filed with the BR;
- e) That Articles **9** and **11** of the Radio Regulations contain the procedures for effecting coordination or obtaining agreement and notification and recording of frequency assignments, including those applicable to specific FSS Earth Stations;
- f) That Appendix **7** of the Radio Regulations establishes coordination distances of terrestrial stations from specific FSS Earth Stations;
- g) That the locations of future FSS Earth Stations need to be protected,

NOTING:

- a) That the Radio Regulations Nos. **9.17**, **9.17A**, **9.27**, and **9.29** provide for the coordination of specific Earth Stations that will lead to notification of FSS Earth Stations;
- b) That it is necessary to provide the appropriate information as listed in Appendix **4** to the Radio Regulations for notification of earth stations,

RECOMMENDS:

1. That Administrations in the Americas should notify the Office of Radiocommunications (BR) of the International Telecommunication Union (ITU) of their specific FSS Earth Stations located, or planned

¹ CCP.II-RADIO/doc. 1598/08 rev.1

to be located within their territory and operated with a satellite network in the fixed-satellite service (space-to-Earth) in the 3 400-4 200 MHz band.

2. That to accomplish *recommends* 1, the steps to be followed are set forth in Annex to this Recommendation.

3. That Administrations develop bi-lateral agreements with neighboring Administrations when implementing mobile services and fixed-satellite services in contiguous countries.

ANNEX TO RECOMMENDATION PCC.II/REC. 23 (XI-08)

NOTIFYING FSS EARTH STATIONS WITH THE ITU

1. Obtain the receive characteristics of FSS earth stations operating or planned to operate in the 3 400-4 200 MHz band as part of an existing or planned satellite network;

2. Determine if these characteristics are already included in satellite network filings made to the ITU as typical earth stations;

3. Determine the locations of the existing or planned receive earth stations to be notified. Ensure that the FSS earth station locations which are or may be located close to the boundaries of other countries are taken into account;

4. Make electronic filings to the ITU-BR which are in accordance with the provisions of the Radio Regulations using the BR software. Assignments to specific earth stations may reach the BR not more than three years before the assignments are brought into use and may be recorded in the master register only after the associated space station is recorded. Appendix 4 identifies what information must be filed to obtain notification under Article 11;

5. Once an earth station is registered with the ITU, it will be taken into account in the coordination and notification processes.