



Electronic Communications Committee (ECC)
within the European Conference of Postal and Telecommunications Administrations (CEPT)

ECC RECOMMENDATION (03)02

SATELLITE RADIO MONITORING IN THE CEPT

Recommendation adopted by the Working Group "Frequency Management (WGFM)

INTRODUCTION

To support national frequency management, the CEPT working groups and their Project Teams as well as preparatory work for WRCs, Satellite Radio Monitoring is becoming more and more an essential tool for gathering information and for resolving interference problems. Due to the highly specialised and costly nature of satellite monitoring facilities only few administrations will be able to afford the investments required for a national facility.

The aim of this Recommendation is to create a common understanding of the need for Satellite Radio Monitoring and to foster co-operation among CEPT administrations.

"The European Conference of Postal and Telecommunications Administrations,

considering

- a) that the tasks and objectives of space radio monitoring given by the Radio Regulations and by national law, in principle, do not differ from those of terrestrial monitoring stations,
- b) that several administrations within the CEPT have issued licenses for satellite systems and are therefore responsible for the investigation of reported cases of interference,
- c) that, in order to safeguard radio services, there is a need to check emissions emanating from space stations for conformity with notified parameters and compliance with the Radio Regulations,
- d) that the number of satellites in orbit continues to increase with a consequential increase in the probability of radio interference,
- e) that monitoring Earth stations are highly specialised and expensive;

recommends

- 1) that administrations regularly monitor emissions emanating from satellites under their jurisdiction,
- 2) that monitoring Earth stations as far as possible should co-operate in cases of interference associated with emissions of space services,
- 3) that monitoring Earth stations are appropriately adapted to new frequency allocations and changes in satellite technology,
- 4) that administrations without monitoring Earth stations of their own consider arrangements for co-operating and cost sharing with other administrations, e.g. under the existing Memorandum of Understanding on Satellite Monitoring within CEPT or other contracts."

Note:

Please check the CEPT web site (<http://www.CEPT.org>) for the up to date position on the implementation of this and other ERC and ECC Recommendations.