

**CEPT Brief on agenda item 7.1 (REC 723)**

***Issue***

To consider, for information only, the results of ITU-R studies relating to operational and frequency issues of ENG on a global basis

**Preliminary CEPT position**

To consider whether there is any merit in continuing for WRC-11 or a future competent conference the activities to harmonise frequency bands for ENG

**Background**

At WRC-03, APT proposed an agenda item for WRC-03 “to consider identification of globally/regionally harmonized bands, to the extent practicable, for the implementation of existing analogue and future digital electronic news gathering (ENG) applications and to make regulatory procedures, as necessary”. This proposal was initiated by Australia and New Zealand within APG. The CEPT brief on agenda item 7.2 noted that there may be some interest for this proposal.

During WRC-03, it was concluded that such activity could be carried out in the normal framework of ITU-R. This is why Recommendation 723 (COM 7/3) was adopted requesting ITU-R to produce relevant report and recommendations and to report to WRC-07.

Working Party 6P was the ITU-R group responsible for responding to Recommendation 723 and to ITU-R Question ITU-R 89/6 “User requirements for Electronic News Gathering” and Question 93/6 “Frequency Requirements for Electronic News Gathering”. Working Party 6P has been disbanded in 2006 and the activity moved to Working Party 6J.

Working Party 6P has collected data on the use of ENG systems in all countries. A Rapporteur on “User Requirements and Spectrum Usage for Terrestrial Electronic News Gathering” was designated and several actions have been taken to identify the use of the radio-frequency spectrum for the temporary portable TV links for the terrestrial electronic news gathering, news outside broadcast (NOB), television outside broadcast (TOB) and broadcast auxiliary services (BAS). ECC Report 02 was submitted as a contribution by United Kingdom.

WP6P identified the existing use of the radio-frequency spectrum for ENG systems. This information was expected to provide elements to estimate whether it is feasible to, and to what extent, achieve worldwide harmonization of user requirements in terms of the equipment, systems and radio-frequency bands used for such systems, including the identification of specific radio-frequency band(s) in a Recommendation.

Report ITU-R BT 2069 was developed to address the different technical and operational characteristics of terrestrial ENG applications and potential harmonisation opportunities.

On the basis of an ABU proposal, the CPM report includes a draft Resolution to be considered by WRC-07 and asking for spectrum harmonisation for use by ENG/OB to be addressed at WRC-07 or at a future competent conference.

### **List of relevant documents**

ECC Report 02 “SAP/SAB (Incl. ENG/OB) spectrum use and future requirements”

ERC Recommendation 25-10 “Frequency ranges for the use of temporary terrestrial audio and video SAP/SAB links (incl. ENG/OB)”

ECC Recommendation 02-09 “Protection of Aeronautical Radio Navigation Service in the band 2700-2900 MHz from interference caused by the operation of Digital Cordless Cameras”

ERC Report 25

### **Actions to be taken**

None

Proposals from outside CEPT

*Regional telecommunication organisations*

### **APT (January 2007)**

APT Preliminary View

APT Members support the text of Section 7/7.1/2 of the Draft CPM Report under this issue. The use of portable and nomadic/transportable microwave radio equipment operating in appropriate fixed and mobile service bands commonly described as electronic news gathering (ENG) is now an important element in comprehensive news coverage by broadcasters. APT Members support the approval of a Resolution [ENG] (WRC-07) calling for studies to establish whether it is feasible to, and to what extent, worldwide harmonization of user requirements and spectrum usage for electronic news gathering may be achievable in terms of the frequency bands used for such applications, including the identification of specific band(s).