



International Amateur Radio Union Region 1



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Subject	Protection of amateur radio frequency band and implementation of relevant IARU, CEPT documents by national authorities		
Society	CRC	Country:	Czech Republic
Committee:	C5	Paper number:	LA17_C5_50
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Introduction

Radio amateurs are faced with increasing interference to virtually all frequency bands. We in the Czech Republic witnessed a significant increase in noise especially in the 10 GHz band in the last years.

Background

The European table of Frequency Allocations and Applications in the Frequency range 9 kHz to 3 000 GHz (ECA TABLE) <http://www.erodocdb.dk/docs/doc98/official/pdf/ERCRep025.pdf> has in footnote

EU17. In the sub-bands 3 400 – 3 410 MHz, 5 660 – 5 670 MHz, 10,36 - 10,37 GHz, 10,45 - 10,46 GHz, the amateur service operates on a secondary basis. In making assignments to other services, CEPT administrations are requested wherever possible to maintain these sub-bands in such a way as to facilitate the reception of amateur emissions with minimal power flux densities.

On the contrary, there is for example, General Authorization No. VO-R/14/12.2012-17 for the use of radio frequencies and for the operation of equipment in the 10 GHz band in the Czech Republic. This band is heavily used by Internet Service providers free of charge without almost any limitation.

Czech telecommunication Office – regulator – writes in the Explanatory Memorandum to this General Authorization among others:

It was not possible to meet the requirement on strict implementation of European harmonization directives (namely the requirement of implementation CEPT Recommendation CEPT/ERC/REC 12-05 – Harmonized radio frequency channel arrangements for digital terrestrial fixed systems operating in the band 10 – 10.68 GHz). The international treaties do not prescribe any obligation to implement CEPT recommendations thus the implementation of recommendation in question it would cause incompatibility between existing intensive use by the fixed service and new channel arrangement which is set down in recommendation in question. On this account, the Office did not use the implementation of this recommendation. With respect to the comment addresses allocation of the frequency sub-band 10.36 – 10.37 GHz to the amateur radio communication service on a secondary basis, it can be pronounced merely that the frequency sub-band 10–10.5 GHz has been already allocated to this service on a secondary basis according to relevant part No. PV-P/13/12.2007-15 of the Radio Spectrum

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Utilization Plan for frequency band 10 – 12.5 GHz.
http://www.ctu.eu/sites/default/files/obsah/vo-r_14_12-2012-17_en.pdf

The Czech Republic is not the only CEPT member that do not implement recommendation CEPT/ERC/REC 12-05. Current status of implementation of this recommendation is in the Annex 1 below.

Recommendations

- CRC suggests that the C5 Committee, all IARU bodies and members use every opportunity to exert pressure on national regulators to implement all the recommendations that protects the amateur bands.
- CRC proposes a discussion about the status of the implementation of CEPT/ERC/RECOMMENDATION 12-05 E and other IARU/CEPT recommendation by national regulator and exchange best practice how to lobby for protection of radio amateur frequency bands.

Annex 1 – Table of implementation status of ERC/REC 12-05

<i>ECODOCDB</i>	ERC/REC 12-05	Status June 2015
Documentation	Status	Remark
Albania	Yes	Implemented through reference in the National Frequency Allocation Table, Government Decision Nr.479, Dt. 06.05.2009
Andorra	No info	
Austria	Yes	
Azerbaijan	No info	
Belarus	No info	
Belgium	Yes	
Bosnia and Herzegovina	Yes	Implemented through reference in "The Bosnia and Herzegovina radio frequency allocation plan"
Bulgaria	Yes	Implemented by the Technical requirements for the operating of the electronic communications networks of fixed service and the relevant equipment
Croatia	Yes	Implemented through reference in the NTFA
Cyprus	Yes	Incorporated into National Frequency Allocation Table
Czech Republic	No	
Denmark	Yes	Administrative implementation
Estonia	Yes	Implemented through reference in "Conditions for use of radio frequencies and technical requirements for radio equipment under frequency authorization"
Finland	Yes	
France	No	Not implemented
Georgia	No info	
Germany	Yes	
Greece	No info	
Hungary	Yes	National footnote H180 of the National Table of Frequency Allocations, which was published by Decree No. 15/2012 (XII.29.)NMHH, and Decree No. 2/2013 (I.7.)NMHH on establishing the rules of use for frequency bands that may be used for civil purposes. Recommends 4 implemented in the whole band
Iceland	Yes	
Ireland	Yes	Provision has been made in the NTFA
Italy	Yes	
Latvia	Yes	
Liechtenstein	No info	
Lithuania	Yes	Implemented by Order No. 1V-1160 of the Director of the Communications Regulatory Authority of 24 December 2008 on the Approval of the Plan for the Use of Radio Frequencies
Luxembourg	Yes	Through reference in Luxembourg's national table of frequency allocations

<i>ECODOCDB</i>	ERC/REC 12-05	Status June 2015
Documentation	Status	Remark
Macedonia (FYROM)	Yes	
Malta	No info	
Moldova	No info	
Monaco	No info	
Montenegro	Yes	
Netherlands	Yes	
Norway	Yes	
Poland	No info	
Portugal	No	
Romania	Yes	
Russian Federation	No info	
San Marino	No info	
Serbia	Yes	
Slovak Republic	No info	
Slovenia	Yes	NTFA
Spain	No	
Sweden	Yes	
Switzerland	No info	
Turkey	Yes	
Ukraine	No info	
United Kingdom	Yes	Implemented - but on non-standard frequencies
Vatican City	No info	