

PROCEDURE

**concerning the use of the frequency band
790-862 MHz for terrestrial systems
in the border area of Poland and Ukraine**

Bratislava, 28 October 2011

Preamble

The representatives of Telecommunications Administrations of Poland and Ukraine have concluded the present Procedure concerning the use of the frequency band 790 - 862 MHz with the purpose of avoiding mutual interference and optimising the use of the above-stated frequency band on a mutually coordinated basis.

1 PRINCIPLES

- 1.1 This Procedure is based on the concept of coordination threshold and the idea of symmetrical conditions for both administrations.
- 1.2 This Procedure covers the bilateral coordination of frequency assignments of land mobile service and aeronautical radio navigation service (ARNS) of Poland and frequency assignments of ARNS of Ukraine.

2 USE OF FREQUENCIES

- 2.1 Technical characteristics of existing ARNS frequency assignments of Poland, requiring the protection, are given in the Annex 4.1. The frequency bands 791-821 MHz and 832-862 MHz are used in Poland for land mobile service in FDD mode with transmission parameters for base and terminal stations in accordance with ECC/DEC(09)03.
- 2.2 Technical characteristics of existing ARNS frequency assignments of Ukraine, requiring the protection, are given in the Annex 4.2. The frequency bands 791-821 MHz and 832-862 MHz are not currently used in Ukraine for land mobile service in FDD mode with transmission parameters for base and terminal stations in accordance with ECC/DEC(09)03.
- 2.3 Poland may use the frequency band 791-821 MHz for base stations of land mobile service without coordination with Ukraine:
 - a) if the predicted field strength produced by the new base station does not exceed 50 dB(μ V/m)/1 MHz at a height of 10 m above the border line, and
 - b) if the base stations are located at a distance from the border not less than 15 km.
- 2.4 Poland may use the frequency band 832-862 MHz for terminals of land mobile service without coordination with Ukraine, if compliance with Item 2.3 is ensured.
- 2.5 The ARNS stations mentioned in Annex 4.1 and Annex 4.2 use the frequency band 790-862 MHz with technical characteristics indicated in Rec.ITU-R M.1830.

3 GENERAL

- 3.1 A new frequency assignment exceeding the above-mentioned coordination threshold values shall be coordinated.
- 3.2 The coordination procedure shall be performed in accordance with Article 4 of this Procedure.
- 3.3 In the presence of interference produced by a station covered by this Procedure, the Report of harmful interference shall be presented in accordance with Appendix 10 of the Radio Regulations. The parties shall take all possible measures in order to eliminate the interference in due time.
- 3.4 The field strength specified in the Report of harmful interference (see Item 3.3) shall be based on the median values of measurements of field strength performed at antenna height