

ARRANGEMENT

between

**the State Supervisory Department for Telecommunications of the Republic of Belarus,
the Communications Regulatory Authority of the Republic of Lithuania and
the Office of Electronic Communications of the Republic of Poland**

**concerning the use of the frequency bands 1710-1785 MHz / 1805-1880 MHz
for DCS-1800 systems in border areas**

Vilnius

24 October 2008

1. Introduction

- 1.1. According to the Article 6 of ITU Radio Regulations and in the framework of the “HCM Agreement”^{*} the representatives of the State Supervisory Department for Telecommunications of the Republic of Belarus, the Communications Regulatory Authority of the Republic of Lithuania and the Office of Electronic Communications of the Republic of Poland (hereinafter referred to as Parties) have agreed the present Arrangement concerning the use of the frequency bands 1710-1785 MHz / 1805-1880 MHz for DCS-1800 systems in border areas (hereinafter referred to as the Arrangement).
- 1.2. Frequency band 1710-1785 MHz (mobile transmit) paired with 1805-1880 MHz (base transmit) are designated for digital cellular telecommunications systems (GSM standard) according to CEPT ERC Decision (95)03.

2. General

- 2.1. The Parties are committed to respect the limits given in Items 4.1 and 4.2 hereinafter for establishment of base stations. However, there might be an occasional need to establish stations such that field strength will exceed these limits. In such cases the Parties shall seek co-ordination according to the procedures described in “HCM Agreement” (with exception of field strength calculation method set out in “HCM Agreement”).
- 2.2. The Parties shall use the latest version of ITU-R Recommendation P.1546 “Method for point-to-area predictions for terrestrial services in the frequency range 30 MHz to 3 000 MHz” or HCM method (whichever is more appropriate for the Party) for field strength calculations related to this Arrangement. The limits given in Items 4.1 and 4.2 are considered to be respected if they are met by applying at least one calculation method.
- 2.3. The provisions of this Arrangement take priority over the provisions of “HCM Agreement”.
- 2.4. In the presence of harmful interference, the affected Party shall submit the claim detailed to the extent sufficient to identify the source of interference. The Parties shall take all possible measures in order to eliminate the harmful interference.
- 2.5. The preferential channels are apportioned equally between the Parties as provided in the Annex 1.
- 2.6. Provisions of this Arrangement shall be applied for stations situated in the circular area of 15 km radius around the point of Belarusian-Lithuanian-Polish borders junction.

3. Frequencies

- 3.1. For distribution of preferential channels, the Parties have used the channel plan based on the 200 kHz grid with centre frequency of the channel calculated as follows:

$$F_{ML} = 1710.200 \text{ MHz} + ((N-512) \times 0.200 \text{ MHz}) \text{ for mobile stations and}$$

$$F_{FB} = 1805.200 \text{ MHz} + ((N-512) \times 0.200 \text{ MHz}) \text{ for base stations,}$$

where channel number $N = 512, 513, \dots, 885$.

^{*} Agreement between the Administrations of Austria, Belgium, the Czech Republic, Germany, France, Hungary, the Netherlands, Croatia, Italy, Liechtenstein, Lithuania, Luxembourg, Poland, Romania, the Slovak Republic, Slovenia and Switzerland on the co-ordination of frequencies between 29.7 MHz and 39.5 GHz for the fixed service and the land mobile service. Vilnius, 12 October 2005

4. Technical provisions

- 4.1. Each Party may use its preferential channels without prior coordination with the neighbouring country if the field strength value from the interfering station at a distance of 15 km from the border line inland of the neighbouring country at 10 m antenna height above the ground level does not exceed 35 dB μ V/m for 10% of time and 50% of locations.
- 4.2. Each Party may use its non-preferential channels without prior coordination with the neighbouring country if the field strength value from the interfering station at the border line at 3 m antenna height above the ground level does not exceed 25 dB μ V/m for 10% of time and 50% of locations.

5. Revision of the Arrangement

- 5.1. This Arrangement may be revised at any time on the initiative of any Party subject to approval by the other Parties.
- 5.2. The Party may withdraw this Arrangement notifying the other Parties on its intention at least one year before.

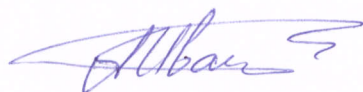
6. Language of the Arrangement

- 6.1. This Arrangement is agreed and executed in the English language in two copies – one copy for each Party.

7. Entry into force

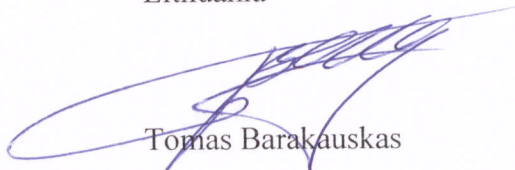
- 7.1. This Arrangement shall enter into force at the first day of the month following the date of the signing.

On behalf of the
State Supervisory Department for
Telecommunications of the
Republic of Belarus



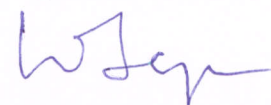
Aleksei Ivashkin

On behalf of the
Communications Regulatory
Authority of the Republic of
Lithuania



Tomas Barakauskas

On behalf of the
Office of Electronic
Communications of the
Republic of Poland



Wiktor Sęga

Vilnius, 24 October 2008

ALLOCATION OF PREFERENTIAL CHANNELS

512	550	588	624	700	737	774	812	861	873
POL(38)	LTU(38)	POL(36)	BLR(76)	LTU(37)	POL(37)	LTU(38)	BLR(49)	LTU(12)	POL(13)
549	587	623	699	736	773	811	860	872	885

BLR/LTU/POL: 125/125/124

