

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 880-890 MHz / 925-935 MHz
for GSM 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 Electronic Communications Office of the Republic of Poland (hereinafter referred to as Parties) have agreed the present Arrangement concerning the use of the frequency bands 880-890 MHz / 925-935 MHz for E-GSM systems in border areas (hereinafter referred to as the Arrangement).
- 1.2. Frequency band 880-890 MHz paired with 925-935 MHz will be used as additional spectrum for GSM system beyond the frequency bands mentioned in the CEPT ERC Decision (94)01, consistent with the CEPT ERC Decision (97)02.

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 may 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" and replace of all the previously agreed provisions (if any) concerning threelateral channel arrangement between the Parties in this frequency band.
- 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. The channels allocated to neither of the Parties as preferential (denoted by the letter "C" in the Annex 1 may be used without prior coordination observing the conditions set for the usage of non-preferential channels in Item 4.2. A less restrictive use of those channels is subject to coordination.
- 2.7. The channels denoted by the letters "NA" in the Annex 1 are not subject of this Arrangement and will be allocated to the Parties as preferential in the future. Those channels may be used by the Parties without prior coordination observing the conditions set for the usage of non-preferential channels in Item 4.2. A less restrictive use of those channels is subject to coordination.
- 2.8. Provisions of this Arrangement shall be applied for the stations situated in the circular area of 30 km radius around the point of Lithuanian-Belarusian-Polish borders junction.

* 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

3. Frequencies

- 3.1. The Parties agreed to use a channel plan based on the 200 kHz grid with centre frequencies calculated as follows:

$$F_{ML} = 880.000 \text{ MHz} + (N \times 0.200 \text{ MHz}) \text{ for mobile stations and}$$

$$F_{FB} = 925.000 \text{ MHz} + (N \times 0.200 \text{ MHz}) \text{ for base stations,}$$

where channel number $N = 1, 2, \dots, 50$.

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 30 km from the border line inland of the neighbouring country at 10 m antenna height above the ground level does not exceed 26 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 10 m antenna height above the ground level does not exceed 26 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.

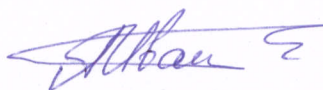
6. Language of the Arrangement

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

7. Entry into force

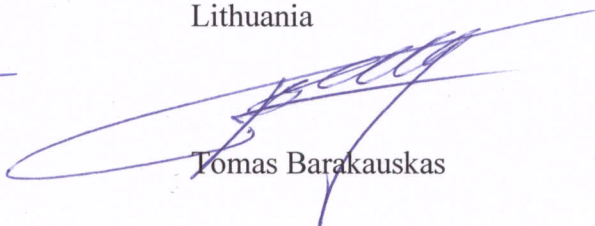
- 7.1. This Arrangement shall enter into force at the first day of the month following the date of the signing.

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



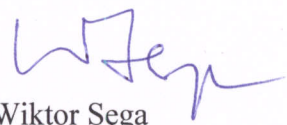
Aleksei Ivashkin

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

Channel No.	F _{FB} , MHz	F _{ML} , MHz	Preferential rights possessor			Not allocated
1	925.200	880.200	LTU			
2	925.400	880.400	LTU			
3	925.600	880.600	C	C	C	
4	925.800	880.800		BLR		
5	926.000	881.000		BLR		
6	926.200	881.200			POL	
7	926.400	881.400			POL	
8	926.600	881.600			POL	
9	926.800	881.800	LTU			
10	927.000	882.000	C	C	C	
11	927.200	882.200				NA
12	927.400	882.400				NA
13	927.600	882.600				NA
14	927.800	882.800				NA
15	928.000	883.000				NA
16	928.200	883.200				NA
17	928.400	883.400				NA
18	928.600	883.600				NA
19	928.800	883.800				NA
20	929.000	884.000				NA
21	929.200	884.200				NA
22	929.400	884.400				NA
23	929.600	884.600				NA
24	929.800	884.800				NA
25	930.000	885.000				NA
26	930.200	885.200				NA
27	930.400	885.400				NA
28	930.600	885.600				NA
29	930.800	885.800				NA
30	931.000	886.000				NA
31	931.200	886.200				NA
32	931.400	886.400				NA
33	931.600	886.600				NA
34	931.800	886.800				NA
35	932.000	887.000				NA
36	932.200	887.200				NA
37	932.400	887.400				NA
38	932.600	887.600				NA
39	932.800	887.800				NA
40	933.000	888.000				NA
41	933.200	888.200	LTU			
42	933.400	888.400	LTU			
43	933.600	888.600			POL	
44	933.800	888.800			POL	
45	934.000	889.000			POL	
46	934.200	889.200		BLR		
47	934.400	889.400		BLR		
48	934.600	889.600		BLR		
49	934.800	889.800		BLR		
50	935.000	890.000	LTU			
SUM:			6	6	6	30

BLR – Republic of Belarus

POL – Republic of Poland

LTU – Republic of Lithuania

NA – channels not allocated by this Arrangement