

## **A G R E E M E N T**

**between the Telecommunications Administrations  
of the Russian Federation and the Republic of Poland  
on the use of the 453.0-457.475/463.0-467.475 MHz frequency bands for  
stations of the land mobile service in the border areas**

Nida, 2009

## **Preamble**

Delegations of the Telecommunications Administrations of the Russian Federation and the Republic of Poland (hereinafter referred to as Parties) according to Article 6 of the Radio Regulations have concluded the present Agreement on the use of the 453.0-457.475/463.0-467.475 MHz frequency bands with the aim to avoid mutual interference and optimize the use of the said frequency bands on the mutually coordinated basis.

In order to eliminate the possible disagreements at the coordination of the frequency assignments to the land mobile service stations the Parties will be guided by the provisions of the HCM Agreement (Vilnius, 2005) and CEPT Recommendation T/R 25-08 (the latest approved version).

The present Agreement does not contradict the provisions of the Radio Regulations, ITU Constitution and Convention.

### **1. Frequencies**

The central frequencies of the duplex channels in the 453.0-457.475/463.0-467.475 MHz frequency bands formed with the 25 kHz step are allocated between the Parties and shown in the Annex to this Agreement.

### **2. Technical characteristics**

2.1. Division of frequencies into preferential ones and co-shared frequencies in the 453.0-457.475/463.0-467.475 MHz frequency bands is shown in Annex.

2.2. The new frequency assignments shall be designated by the Parties according to this Agreement considering the mutually coordinated frequencies.

2.3. Each Party may use its preferential channels without coordination with another Party, if the field strength produced by the transmitter does not exceed  $20 \text{ dB}(\mu\text{V}/\text{m}) + 6 \times \log_{10}(\text{channel bandwidth in kHz} / 25 \text{ kHz})$  at 10 m antenna height above ground level at a distance of 50 km from borderline inside the territory of a neighbouring country for 10% of time and 50% of locations.

2.4. Each Party may use preferential channels of the another Party as well as the "C" co-shared channels without coordination with another Party, if the field strength produced by the transmitter does not exceed  $20 \text{ dB}(\mu\text{V}/\text{m}) + 6 \times \log_{10}(\text{channel bandwidth in kHz} / 25 \text{ kHz})$  at 10 m antenna height above ground level in the borderline between countries and in the territory of a neighbouring country for 10% of time and 50% of locations.

2.5. If the field strength produced by a transmitter exceeds the levels indicated in items 2.3 and 2.4, such frequency assignment shall be co-ordinated with another Party.

2.6. In case of the bringing into operation of the new networks or the advancing of the operational networks in the border areas in the 453.0-457.475/463.0-467.475 MHz frequency bands the measures on the reducing of the possibility to cause the interference to the radio electronic facilities of the neighbouring country (operation with the minimum permissible power, usage of the directional antennas, reducing of the antenna height to the minimum necessary height and etc.) shall be taken.

2.7. The coordination procedure and also the form and volume of the information on the frequency assignment submitted for coordination should meet the general provisions of the HCM Agreement (Vilnius, 2005) and CEPT Recommendation T/R 25-08 (the latest approved version).

2.8. The period of coordination shall not exceed 65 days from the date of the receipt of the request by fax and 20 days after the reminder. If no reply is received within the period of 85 days, the frequency assignment shall be considered as coordinated.

2.9. In the presence of interference, 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.

### **3. Revision of the Agreement**

3.1. This Agreement may be extended, supplemented or revised at any time as desired by one Party subject to the agreement of another Party.

3.2. This Agreement may be cancelled by mutual decision of the both Parties or by a decision of one Party subject to the notice of six months of another Party.

### **4. Entry into force**

This Agreement shall enter into force on 01.09.2010.

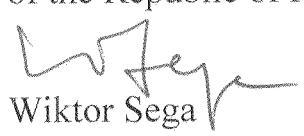
This Agreement has been drawn up in two identical copies: one for each Party.

August, 28, 2009

On behalf of the Telecommunications  
Administration of the Russian  
Federation

  
Leonid Mikhalevskiy

On behalf of the  
Telecommunications Administration  
of the Republic of Poland

  
Wiktor Segal

**Allocation of the preferential channels between the Telecommunications Administrations  
of the Russian Federation and the Republic of Poland in the 453.0-457.475/463.0-467.475  
MHz frequency bands**

Number of channel	Frequency (MHz)	Frequency (MHz)	Preferential channel
1	453,000	463,000	POL
2	453,025	463,025	POL
3	453,050	463,050	POL
4	453,075	463,075	POL
5	453,100	463,100	POL
6	453,125	463,125	POL
7	453,150	463,150	POL
8	453,175	463,175	POL
9	453,200	463,200	POL
10	453,225	463,225	POL
11	453,250	463,250	POL
12	453,275	463,275	POL
13	453,300	463,300	POL
14	453,325	463,325	POL
15	453,350	463,350	POL
16	453,375	463,375	POL
17	453,400	463,400	POL
18	453,425	463,425	POL
19	453,450	463,450	POL
20	453,475	463,475	POL
21	453,500	463,500	POL
22	453,525	463,525	POL
23	453,550	463,550	POL
24	453,575	463,575	POL
25	453,600	463,600	POL
26	453,625	463,625	POL
27	453,650	463,650	POL
28	453,675	463,675	POL
29	453,700	463,700	POL
30	453,725	463,725	POL
31	453,750	463,750	POL
32	453,775	463,775	POL
33	453,800	463,800	POL
34	453,825	463,825	POL
35	453,850	463,850	POL
36	453,875	463,875	POL
37	453,900	463,900	POL
38	453,925	463,925	POL
39	453,950	463,950	POL
40	453,975	463,975	POL
41	454,000	464,000	POL
42	454,025	464,025	POL
43	454,050	464,050	POL
44	454,075	464,075	POL
45	454,100	464,100	POL
46	454,125	464,125	POL
47	454,150	464,150	POL
48	454,175	464,175	POL
49	454,200	464,200	POL
50	454,225	464,225	POL
51	454,250	464,250	POL
52	454,275	464,275	POL
53	454,300	464,300	POL
54	454,325	464,325	POL
55	454,350	464,350	POL
56	454,375	464,375	POL
57	454,400	464,400	POL
58	454,425	464,425	POL
59	454,450	464,450	C

60	454,475	464,475	C
61	454,500	464,500	C
62	454,525	464,525	C
63	454,550	464,550	C
64	454,575	464,575	C
65	454,600	464,600	C
66	454,625	464,625	C
67	454,650	464,650	C
68	454,675	464,675	C
69	454,700	464,700	C
70	454,725	464,725	C
71	454,750	464,750	C
72	454,775	464,775	C
73	454,800	464,800	C
74	454,825	464,825	C
75	454,850	464,850	C
76	454,875	464,875	C
77	454,900	464,900	C
78	454,925	464,925	C
79	454,950	464,950	C
80	454,975	464,975	C
81	455,000	465,000	C
82	455,025	465,025	C
83	455,050	465,050	C
84	455,075	465,075	C
85	455,100	465,100	C
86	455,125	465,125	C
87	455,150	465,150	C
88	455,175	465,175	C
89	455,200	465,200	C
90	455,225	465,225	C
91	455,250	465,250	C
92	455,275	465,275	C
93	455,300	465,300	C
94	455,325	465,325	C
95	455,350	465,350	C
96	455,375	465,375	C
97	455,400	465,400	C
98	455,425	465,425	C
99	455,450	465,450	C
100	455,475	465,475	C
101	455,500	465,500	C
102	455,525	465,525	C
103	455,550	465,550	C
104	455,575	465,575	C
105	455,600	465,600	C
106	455,625	465,625	C
107	455,650	465,650	C
108	455,675	465,675	C
109	455,700	465,700	C
110	455,725	465,725	C
111	455,750	465,750	C
112	455,775	465,775	C
113	455,800	465,800	C
114	455,825	465,825	C
115	455,850	465,850	RUS
116	455,875	465,875	RUS
117	455,900	465,900	RUS
118	455,925	465,925	RUS
119	455,950	465,950	RUS
120	455,975	465,975	RUS
121	456,000	466,000	RUS
122	456,025	466,025	RUS
123	456,050	466,050	RUS
124	456,075	466,075	RUS
125	456,100	466,100	RUS

126	456,125	466,125	RUS
127	456,150	466,150	RUS
128	456,175	466,175	RUS
129	456,200	466,200	RUS
130	456,225	466,225	RUS
131	456,250	466,250	RUS
132	456,275	466,275	RUS
133	456,300	466,300	RUS
134	456,325	466,325	RUS
135	456,350	466,350	RUS
136	456,375	466,375	RUS
137	456,400	466,400	RUS
138	456,425	466,425	RUS
139	456,450	466,450	RUS
140	456,475	466,475	RUS
141	456,500	466,500	RUS
142	456,525	466,525	RUS
143	456,550	466,550	RUS
144	456,575	466,575	RUS
145	456,600	466,600	RUS
146	456,625	466,625	RUS
147	456,650	466,650	RUS
148	456,675	466,675	RUS
149	456,700	466,700	RUS
150	456,725	466,725	RUS
151	456,750	466,750	RUS
152	456,775	466,775	RUS
153	456,800	466,800	RUS
154	456,825	466,825	RUS
155	456,850	466,850	RUS
156	456,875	466,875	RUS
157	456,900	466,900	RUS
158	456,925	466,925	RUS
159	456,950	466,950	RUS
160	456,975	466,975	RUS
161	457,000	467,000	RUS
162	457,025	467,025	RUS
163	457,050	467,050	RUS
164	457,075	467,075	RUS
165	457,100	467,100	RUS
166	457,125	467,125	RUS
167	457,150	467,150	RUS
168	457,175	467,175	RUS
169	457,200	467,200	RUS
170	457,225	467,225	RUS
171	457,250	467,250	RUS
172	457,275	467,275	RUS
173	457,300	467,300	C
174	457,325	467,325	C
175	457,350	467,350	C
176	457,375	467,375	C
177	457,400	467,400	C
178	457,425	467,425	C
179	457,450	467,450	C
180	457,475	467,475	C

<b>TOTAL:</b>	<b>POL</b>	58
	<b>RUS</b>	58
	<b>Common channels (C)</b>	64