

Protocol
of the meeting of the representatives
the Telecommunications Administrations of the Republic of Poland
the of the Russian Federation and the of the Republic of Lithuania
for the coordination of the mobile, fixed and broadcasting services

Nida, 28 August, 2009

1. Introduction

The representatives of the Telecommunications Administration of the Republic of Lithuania, of the Republic of Poland and the Russian Federation hereinafter referred as the Parties met in Nida during the period of August 24-28, 2009 for the coordination meeting of the mobile, fixed and broadcasting services.

List of participants is presented in Appendix 1, agreed agenda of the meeting is presented in Appendix 2.

2. Opening of the meeting and approval of the Agenda

Mr. Tomas Barakauskas, Director of the Communications Regulatory Authority of the Republic of Lithuania, welcomed all participants and wished them a successful and fruitful work of this meeting. He noted, since the last meeting that had place in Nida 5 years ago a lot of problems has accumulated in the telecommunications area. These problems have to be solved to continue fluent usage of frequencies and do not cause troubles to introduce oncoming technologies. Mr. Tomas Barakauskas wished everyone to achieve targeted objectives. Mr. Romualdas Leonavičius, Lithuania, welcomed delegations of the Russian Federation and Poland Administrations to this meeting in Nida. Mr. R. Leonavičius opened the meeting and gave word to Mr. Leonid Mikhalevskiy, Head of Delegation of the Russian Federation and Mr. Wiktor Sęga, Head of Delegation of the Republic of Poland. All delegations introduced themselves. There were no modifications of the agenda items.

3. Discussions on agenda items:

3.1. Agenda item 2. Revision of the current Agreement and preparation of the new Agreements in the frequency bands of 384.75-385/394.75-395 MHz.

The Parties prepared and signed agreement between Telecommunications Administrations of the Republic of Lithuania, the Republic of Poland and the Russian Federation concerning the use of the frequency bands 380-385 / 390-395 MHz in border areas for the Land Mobile Systems of the Emergency Services. This Agreement has superseded the "Agreement between Telecommunication Administrations of Republic of Lithuania, Poland and Russian Federation concerning the use of the bands 380-385 MHz / 390-395 MHz in border areas for harmonised introduction of the Digital Land Mobile System for the Emergency Services (TETRA Emergency)" signed in Kaliningrad on 10 April 1998.

3.2. Agenda item 3. Preparation of the new Agreements in the 440-450 MHz frequency band.

The Parties prepared and signed bilateral and trilateral agreements concerning the use of the frequency band 440-450 MHz for PMR systems in border areas between the Telecommunications Administrations of the Republic of Lithuania and the Russian Federation, between the Telecommunications Administrations of the Republic of Lithuania, the Republic of Poland and the Russian Federation and between the Telecommunications Administrations of the Republic of Poland and the Russian Federation on the use of the 440-450 MHz frequency band for the land mobile service in border areas.

3.3. Agenda item 4. Preparation of the new Agreements in the 453.0-457.475/463.0-467.475 MHz frequency bands.

The Administration of the Russian Federation and the Administration of the Poland expressed the concern to Lithuanian Administration regarding harmful interferences which is rising from Lithuanian NMT customers radiostations to radio stations located in Poland and the Russian

Federation. Affected Administrations will send a report on the harmful interference to the Lithuanian Administration. Lithuanian Administrations ensured all parties that Lithuanian Party will take actions to avoid harmful interference outside of country borders according to the mutual Agreements.

Due to the fact that the co-shared operation of the NMT-450 and IMT-MC-450 standards is not possible the Russian Party noted the insistent necessity to prepare the new agreement between the Administrations of the Republic of Lithuania and the Russian Federation 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.

Due to the fact that the application of the "Arrangement between the Telecommunications Administrations of the Republic of Lithuania and the Russian Federation about the utilization of 453.0-457.475/463.0-467.475 MHz frequency bands for stations of the land mobile service and fixed service facilities in border areas" (Vilnius, 17.06.2002) is not possible, the Russian Party according to item 5.2 of the said Arrangement starts the preparation to the procedure of withdrawing this Arrangement.

The Parties have prepared the draft agreement on the usage of the 453.0-457.475/463.0-467.475 MHz frequency bands which can be signed by correspondence. The draft agreement is presented in Appendix 3.

The Administrations of the Republic of Poland and the Russian Federation have signed the bilateral agreement 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.

The Administrations of the Republic of Poland and the Russian Federation agreed that the Republic of Poland will use the band 455.5-456.75/465.5-466.75 until the 01.09.2010 on preferential basis.

3.4. Agenda item 5. Preparation of the new Agreements in the 876-880/921-925 (GSM-R) frequency bands.

Parties prepared and signed bilateral and trilateral agreements between Telecommunications Administrations of the Russian Federation, the Republic of Poland and the Republic of Lithuania, and between the Telecommunications Administrations of the Russian Federation and the Republic of Poland on the use of the 876-880/921-925 MHz frequency bands by stations in the land mobile service in the border areas.

3.5. Agenda item 6. Preparation of the new Agreements in the 880-890/925-935 (E-GSM) frequency bands.

Parties prepared and signed bilateral and trilateral agreements between Telecommunications Administrations of the Russian Federation, the Republic of Poland and the Republic of Lithuania, and between the Telecommunications Administrations of the Russian Federation and the Republic of Poland on the use of the 880-890/925-935 MHz frequency bands by stations in the land mobile service in the border areas.

3.6. Agenda item 7. Preparation of the new Agreements in the 3400-3600 MHz frequency band.

Lithuania proposed to extend the list of preferential channels by occupying whole 3400-3600 MHz frequency band and make some changes to the text of the existing Lithuanian and Russian Federation bilateral Agreement. The Russian Administration could not accept this proposal because of protection of the fixed satellite service operating in this frequency band. The Russian Administration came up with the proposal to set up one value of pfd -132 dBW/MHz m² calculated at 20 m antenna height for 1% time for frequency band of 3450-3500/3550-3600 MHz and noted that there is no need to divide channels to preferential and nonpreferential.

The proposed technical conditions were not accepted by Lithuania and Poland. Therefore, it



was concluded not to sign new LTU/RUS, POL/RUS and LTU/POL/RUS agreements. The Parties agreed to discuss this issues in the future.

3.7. Agenda item 8. Preparation of the new Agreements in the 10,15-10,3/10,5-10,65 MHz and 24,5-26,5 MHz frequency bands.

The parties prepared and signed bilateral agreements between the Telecommunications Administrations of the Russian Federation and Republic of Lithuania, between the Telecommunications Administrations of the Republic of Lithuania and the Republic of Poland, Administrations of the Russian Federation and the Republic of Poland on the use of the 10.15-10.3/10.5-10.65 GHz and 24.5-26.5 GHz for FWA systems.

3.8. Agenda item 9. Revision of the current coordination principles and technical criteria (Russia/Lithuania) and preparation of the new Principles in the 1900-1980 MHz, 2010-2025 MHz and 2110-2170 MHz frequency bands.

The Parties prepared and signed trilateral agreements on the use of the 1900-1980 MHz, 2010-2025 MHz and 2110-2170 MHz frequency bands by stations of UMTS system in the land mobile service in the border areas between the Telecommunications Administrations of the Republic of Lithuania and the Russian Federation, and between the Telecommunications Administrations of the Republic of Lithuania, the Republic of Poland and the Russian Federation, and between the Telecommunications Administrations of the Republic of Poland and the Russian Federation.

Parties noted the difference in criteria of coordination for aligned and not aligned central frequencies of UMTS stations. Lithuanian Party informed that channels No. 10589, 10688, 10762 (3GPP specification TS 25.104) are currently used in their UMTS networks. The other Parties agreed to provide the information on the central frequencies used in their UMTS networks by correspondence when this information becomes available. Also, the Parties agreed to exchange the information if the central frequencies used in their UMTS networks are changed or new channels are switched on.

3.9. Agenda item 10. Discussion and adoption of the administrative bilateral coordination procedure, the principles and criteria of the analogue and digital TV notified within the Geneva-06 Agreement.

The Russian and Lithuania Parties have discussed the "Agreement between the Telecommunications Administrations of the Russian Federation and the Republic of Lithuania on the principles and criteria of bilateral coordination of analogue and digital terrestrial TV broadcasting in the frequency band 470-862 MHz" (Agreement-Russia/Lithuania) proposed by the Russian Party and submitted to the Administration of Lithuania in the course of preparation to the meeting. The coordination Agreement - Russia/Lithuania was agreed and signed.

The Parties have agreed to consider the possibility to include the frequency band 174-230 MHz into this Agreement during period of one year.

The Russia and Poland Parties have discussed "Agreement between the Telecommunications Administrations of the Russian Federation and the Republic of Poland on the principles and criteria of bilateral coordination of analogue and digital terrestrial TV broadcasting in the frequency band 470-862 MHz" (Agreement-Russia/Poland) proposed by the Russian Party and submitted to the Administration of Poland in the course of preparation to the meeting. The coordination Agreement - Russia/Poland was agreed and signed.

Poland and Lithuanian Parties discussed the Polish proposal on modification of their allotment areas and Lithuanian administration proposed adding new linked assignment instead of modifying allotments.



3.10. Agenda item 11. Coordination of the digital TV terrestrial stations and allotments.

The Russian Federation and Lithuania have carried out the bilateral coordination of the frequency assignments to digital terrestrial TV stations. The list of digital assignments of the Russian Federation administration coordinated with Lithuanian administration is presented in Annex 1. The analogue assignment of the Russian Federation administration coordinated with Lithuanian administration is presented in Annex 2. The list of digital assignments of the Lithuanian administration coordinated with the Russian Federation administration is presented in Annex 3. The list of analogue assignments of the Lithuanian administration coordinated with the Russian Federation administration is presented in Annex 4.

The Russian Federation during this meeting didn't coordinate frequency assignments to the TV station BUBIAI (53 channel) of the Lithuania. Parties agreed that TV station BUBIAI (53 channel) is compatible with TV stations of broadcasting services in the Russian Federation. The Russian Federation noted that to finish the coordination of TV station BUBIAI (53 channel) with technical parameters presented in Annex 5 it is necessary to evaluate compatibility with other services of Russia operating on the primary basis. The Russian Federation committed to inform Lithuanian Administration on outcome of evaluation in three months.

Lithuania during this meeting provided an information to Russian Federation on the change of channel 46 to channel 54 in TV station JURAGIAI. The Russian Federation considered possibility of that change. Parties agreed that TV station JURAGIAI (54 channel) and TV station KRASNOZNAMENSK (54 channel) are compatible with the technical parameters presented in Annex 6. The Russian Federation noted that it is necessary to evaluate compatibility with other services of Russia operating on the primary basis. The Russian Federation committed to inform Lithuanian Administration on outcome of evaluation in three months.

Lithuanian side noted that compatibility with other primary services analysis shall be carry out according to Agreement between Telecommunications Administrations of the Russia Federation and Lithuania signed in Kiev, 14 October 2005 as well as in the Addendum signed in Geneva, 26 May 2006.

The Russian Federation and Poland have discussed the proposals of Poland on the modification of the digital allotments of the Plan GE06D. As a result of discussion the Parties agreed that consideration of possibility to modify the allotments proposed by Poland shall be carried out according to the "Agreement between the Telecommunications Administrations of the Russian Federation and the Republic of Poland on the principles and criteria of bilateral coordination of analogue and digital terrestrial TV broadcasting in the frequency band 470-862 MHz" agreed at this meeting. The Party of Poland has considered the request of the Russian Party for coordination of the frequency assignments to digital terrestrial TV stations. The list of digital assignments of the Russian Federation administration coordinated with Polish administration is presented in Annex 7.

Poland submitted notifications of one DVB-T layer consisting in adjusting this layer to the internal administrative division of the country. Lithuania expressed a concern of implementation constriction of their allotments resulting from aforementioned modified Polish allotments.

Poland initially agreed on the mitigation of protection criteria (e.g. from RPC2 to RPC3) for the chosen confrontational allotments.

Further coordination will be held by correspondence.

3.11. Agenda item 12. Bilateral coordination of T-DAB stations (Poland/Russian Federation) and (Poland/Lithuania).

Because of the lack of time this agenda item has not been discussed.



4. Issues of discussion:

4.1. Agenda item 13. Digital dividend. Coordination issues resulted from the IMT allocation in the 790-862 MHz frequency bands.

Russian Administration expressed their opinion that Russian Federation position has not changed by this time, while EMC investigations are in progress by working groups of ITU and CEPT.

4.2. Agenda item 14. Discussion of the possible allocation of the preferential radio channels in the 146-174 MHz frequency band.

Telecommunications Administrations of the Lithuania and Poland discussed about the usage of the frequency band of the 146-147 MHz. Parties agreed which frequency band will be assigned to cooperation of the emergency service inside borders of the both countries. Lithuania and Poland agreed for further investigations on the requirements for the additional frequency bands to emergency service for cooperation works inside the country borders, and take actions if will be necessary further coordination of the frequency bands.

4.3. Agenda item 15. Discussion about possibility of finding new TV channels in the band of 470-790 MHz instead of released channels in band 790-862 MHz.

Because of the lack of time this agenda item has not been discussed.

4.4. Agenda item 16. Discussion about possibility of finding new TV channels: 45, 46, 54, 55 after switch off military equipment in this band.

Because of the lack of time this agenda item has not been discussed.

4.5. Agenda item 17. Frequency use, technical characteristics, individual licensing exemption and permission free circulation of the facilities operating in the CB and PMR bands.

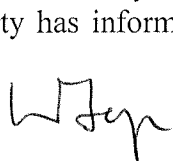
The Lithuanian and Russian Federation Administrations discussed the issues on the conditions of the use of CB and PMR446 applications. The parties exchanged information on current regulatory regimes of countries applicable for temporary use of the frequencies allocated to CB and PMR446 applications by foreign citizens. The Russian Party has informed other Parties that in accordance with the Decision of the State Commission on Radio Frequencies of the Russian Federation the 26.970-27.860 MHz CB frequency bands and 446.0-446.1 MHz PMR446 band are allotted for the use by the private mobile radio stations. The foreign citizens may use the private land mobile stations operating in the 27 MHz (CB-band) and 446 MHz (PMR446) band which are temporarily imported in the territory of the Russian Federation without any registration, i.e., they are used on the free-license basis according to the 12.10.2004 Governmental Decree № 539, 2007 Governmental Decree № 476 and 2008 Governmental Decree № 761 under the condition of declaring the imported radio facilities and obligatory exportation of them. A radio electronic facility shall be indicated in the list of facilities approved for importation in the territory of the Russian Federation.

The Lithuanian Administration provided an information that the use of the CB and PMR446 applications is fully in line with ECC Decisions ERC/DEC (96)02, ERC/DEC (98)11, ERC/DEC (98)16, ERC/DEC (98)25, ERC/DEC (98)26, ERC/DEC (98)27 and ECC/DEC (05)12 whereas relevant conditions on free circulation and usage of the applications are listed.

4.6. Agenda item 18. Use of the 880-915/925-960 MHz frequency bands in the future.

Lithuania and Poland expressed an interest to harmonize the usage of the 880-890/925-935 MHz frequency bands for UMTS systems.

The Russian Party has informed that the considerations on the possibility to use the 890-



915/935-960 MHz bands by stations in the UMTS land mobile networks are being carried out in the Russian Federation.

However, taking into account that the said frequency bands are allocated in the Russian Federation to the aeronautical radionavigation service on the primary basis, the start of deployment of the UMTS land mobile networks in the 900 MHz band has not been determined.

Introduction of the UMTS technology in the 880-890/925-935 MHz frequency bands is not envisaged for the present time as well.

4.7. Agenda item 19. Use of the 2010-2025 MHz and 2500-2690 MHz frequency bands.

The Russian Party has informed that the 2500-2690 MHz frequency band is being used in the Russian Federation by two technologies:

- digital multipoint microwave distribution systems (MMDS),
- mobile wideband access IEEE 802.16e networks (WiMAX).

Introduction of the UMTS technology in the said frequency band is not envisaged for the present time.

The Lithuania Party noted that the use of digital MMDS systems in the 2570-2620 MHz frequency band is allowed in Lithuania.

4.8. Agenda item 20. TV in band II – problem with development of VHF FM networks.

Because of the lack of time this agenda item has not been discussed.

5. Any other business.

Administrations of the Russian Federation and Lithuania agreed to use the technical provisions of HCM Agreement for co-ordination of point-to-point links in the frequencies above 1 GHz.

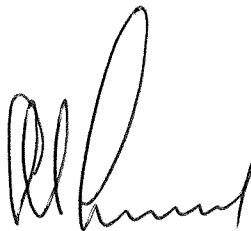
Poland and the Russian Federation agreed that the time limits used in a coordination procedure which were agreed for p-mp systems are also valid for p-p systems.

6. Closure of the meeting

Mr. Romualdas Leonavičius, Head of Delegation of the Republic of Lithuania thanked the all participants for their co-operation and hard work.



Mr. Wiktor Sęga
Head of Delegation of the
Republic of Poland



Mr. Leonid Mikhalevskiy
Head of Delegation of the
Russian Federation



Mr. Romualdas Leonavičius
Head of Delegation of the
Republic of Lithuania

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