

ARRANGEMENT

**on the use of the band
406.1-410 MHz
in the border areas**

by the stations of Land Mobile Service

between

**Estonian National Communications Board and Latvian Electronic
Communications Office**

**Tallinn
March 3, 2005**

1. General

1.1 The representatives of Estonian National Communications Board and Latvian Electronic Communications Office (hereinafter referred as Parties) have concluded the present Arrangement on the use of the frequency band 406.1-410 MHz in the border areas to reduce the risk of harmful interference and facilitate mutual coordination procedure.

1.2 The frequency band 406.1-410 MHz in both countries is intended for use by Narrow Band Land Mobile PMR/PAMR based on analogue as well as digital technologies.

1.3 This Arrangement divides all available frequency spectrum into channels preferential for each of the Parties, where they are allowed to make the assignments to radio stations without prior coordination with the other Party under the conditions as set forth in this Arrangement.

The common principles for coordination between Parties correspond to general provisions of the Recommendation T/R 25-08 (Lecce 1989, revised in Vienna 1999, revised in Utrecht 2005) "Planning criteria and coordination of frequencies in the land mobile service in the range 29.7-921 MHz".

2. Frequencies

2.1 For the purpose of this Arrangement the Parties have agreed to use a frequency grid with channel spacing 12.5 kHz.

2.2 Division into preferential frequencies for each of the Parties is presented in the Annex 1 to this Arrangement. The channels preferential for one Party are considered as non-preferential for other Party. The division is based on the principle of equitable access to the radio frequency spectrum- 155 preferential channels for Estonia and 156 preferential channels for Latvia.

2.3 When using channel with bandwidth different from 12.5 kHz, it can be considered as preferential, if it completely falls within edges of 12.5 kHz channel blocks defined

as preferential for the same Party. The edges of channel blocks are considered as 6.25 kHz lower and upper than centre frequency of first and last channel of the block respectively.

3. Characteristics and coordination procedure

3.1 Parties may use their preferential channels without coordination with the other Party, if the field strength produced by their stations does not exceed 20 dB μ V/m at a distance of 50 km inland of the neighboring country.

3.2 Parties may use their non-preferential channels without coordination with the other Party, if the field strength produced by their stations does not exceed 20 dB μ V/m at the borderline with the neighboring country or coast line of neighboring country.

3.3 Frequency assignments shall be coordinated if the field strength produced by stations exceeds the values indicated in 3.1 and 3.2.

3.4 The period of coordination shall not exceed 60 days from the day of receipt of the request and 15 days after reminder. If no replay is received after 75 days the frequency assignment shall be considered as coordinated.

3.5 All field strength values mentioned above are taken for receiving antenna height of 10 m, 10% of the time, 50% of the locations. The propagation model to be used to determine the interference field strength should be the method for point-to-area predictions for Terrestrial Services taken from the latest version of the relevant ITU-R Recommendation.

3.6 In the presence of harmful interference the claims shall be shown in accordance with Appendix 10 of the Radio Regulations. The Parties shall take all possible measures to eliminate the interference.

3.7 Technical and organizational matters arising in the course of coordination shall be solved by correspondence (telephone, fax or e-mail) or at the meeting of experts.

4. Revision of the Arrangement

4.1 The present Arrangement can be revised at any time on the initiative of any Party with the consent of other Party.

4.2 This Arrangement can be cancelled by a mutual decision of both Parties on terms and conditions adopted by these Parties.

5. Coming into force

The present Arrangement will come into force from the date of its signing.

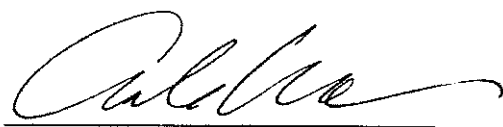
The present Arrangement has been drawn up in English in two copies.

Tallinn

March 3, 2005

For Estonian National
Communication Board:

For Latvian Electronic
Communications Office:



Ando Rehemaa
Director General

Vitolds Vaznis
Member of the Board

Division into preferential frequencies between Estonia and Latvia
in the frequency band 406.1-410 MHz

No of ch.	Transmission-reception frequency, MHz	Preferential use (EST/LVA)	No of ch.	Transmission-reception frequency, MHz	Preferential use (EST/LVA)	No of ch.	Transmission-reception frequency, MHz	Preferential use (EST/LVA)
		See RR footnote 5.267	20	406.3500	LVA	40	406.6000	LVA
1	406.1125	EST	21	406.3625	EST	41	406.6125	LVA
2	406.1250	EST	22	406.3750	EST	42	406.6250	LVA
3	406.1375	LVA	23	406.3875	EST	43	406.6375	EST
4	406.1500	LVA	24	406.4000	EST	44	406.6500	EST
5	406.1625	LVA	25	406.4125	EST	45	406.6625	EST
6	406.1750	LVA	26	406.4250	EST	46	406.6750	EST
7	406.1875	EST	27	406.4375	EST	47	406.6875	EST
8	406.2000	EST	28	406.4500	EST	48	406.7000	EST
9	406.2125	EST	29	406.4625	EST	49	406.7125	LVA
10	406.2250	EST	30	406.4750	EST	50	406.7250	LVA
11	406.2375	LVA	31	406.4875	EST	51	406.7375	LVA
12	406.2500	LVA	32	406.5000	EST	52	406.7500	LVA
13	406.2625	LVA	33	406.5125	EST	53	406.7625	EST
14	406.2750	LVA	34	406.5250	EST	54	406.7750	EST
15	406.2875	EST	35	406.5375	LVA	55	406.7875	EST
16	406.3000	EST	36	406.5500	LVA	56	406.8000	EST
17	406.3125	LVA	37	406.5625	LVA	57	406.8125	EST
18	406.3250	LVA	38	406.5750	LVA	58	406.8250	EST
19	406.3375	LVA	39	406.5875	LVA	59	406.8375	EST

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No of ch	Transmission-reception frequency, MHz	Preferential use (EST/LVA)	No of ch	Transmission-reception frequency, MHz	Preferential use (EST/LVA)	No of ch	Transmission-reception frequency, MHz	Preferential use (EST/LVA)
61.	406.8500	EST	89.	407.2000	LVA	117.	407.5500	LVA
62.	406.8625	EST	90.	407.2125	LVA	118.	407.5625	LVA
63.	406.8750	EST	91.	407.2250	LVA	119.	407.5750	LVA
64.	406.8875	EST	92.	407.2375	LVA	120.	407.5875	LVA
65.	406.9000	EST	93.	407.2500	LVA	121.	407.6000	LVA
66.	406.9125	EST	94.	407.2625	LVA	122.	407.6125	LVA
67.	406.9250	EST	95.	407.2750	LVA	123.	407.6250	LVA
68.	406.9375	EST	96.	407.2875	LVA	124.	407.6375	LVA
69.	406.9500	EST	97.	407.3000	LVA	125.	407.6500	LVA
70.	406.9625	EST	98.	407.3125	LVA	126.	407.6625	LVA
71.	406.9750	EST	99.	407.3250	LVA	127.	407.6750	LVA
72.	406.9875	EST	100.	407.3375	LVA	128.	407.6875	LVA
73.	407.0000	EST	101.	407.3500	LVA	129.	407.7000	LVA
74.	407.0125	EST	102.	407.3625	LVA	130.	407.7125	EST
75.	407.0250	EST	103.	407.3750	LVA	131.	407.7250	EST
76.	407.0375	EST	104.	407.3875	LVA	132.	407.7375	EST
77.	407.0500	EST	105.	407.4000	LVA	133.	407.7500	EST
78.	407.0625	EST	106.	407.4125	LVA	134.	407.7625	EST
79.	407.0750	EST	107.	407.4250	LVA	135.	407.7750	EST
80.	407.0875	LVA	108.	407.4375	LVA	136.	407.7875	EST
81.	407.1000	LVA	109.	407.4500	LVA	137.	407.8000	EST
82.	407.1125	LVA	110.	407.4625	LVA	138.	407.8125	EST
83.	407.1250	LVA	111.	407.4750	LVA	139.	407.8250	EST
84.	407.1375	LVA	112.	407.4875	LVA	140.	407.8375	EST
85.	407.1500	LVA	113.	407.5000	LVA	141.	407.8500	EST
86.	407.1625	LVA	114.	407.5125	LVA	142.	407.8625	EST
87.	407.1750	LVA	115.	407.5250	LVA	143.	407.8750	EST
88.	407.1875	LVA	116.	407.5375	LVA	144.	407.8875	EST

3 03. 2005 

No of ch	Transmission-reception frequency,	Preferential use (EST/LVA)	No of ch	Transmission-reception frequency, MHz	Preferential use (EST/LVA)	No of ch	Transmission-reception frequency,	Preferential use (EST/LVA)
145.	407.9000	EST	173.	408.2500	LVA	201.	408.6000	EST
146.	407.9125	EST	174.	408.2625	LVA	202.	408.6125	EST
147.	407.9250	EST	175.	408.2750	LVA	203.	408.6250	EST
148.	407.9375	EST	176.	408.2875	LVA	204.	408.6375	EST
149.	407.9500	EST	177.	408.3000	LVA	205.	408.6500	EST
150.	407.9625	EST	178.	408.3125	LVA	206.	408.6625	EST
151.	407.9750	EST	179.	408.3250	LVA	207.	408.6750	EST
152.	407.9875	LVA	180.	408.3375	LVA	208.	408.6875	EST
153.	408.0000	LVA	181.	408.3500	LVA	209.	408.7000	EST
154.	408.0125	LVA	182.	408.3625	LVA	210.	408.7125	EST
155.	408.0250	LVA	183.	408.3750	LVA	211.	408.7250	EST
156.	408.0375	LVA	184.	408.3875	LVA	212.	408.7375	EST
157.	408.0500	LVA	185.	408.4000	LVA	213.	408.7500	EST
158.	408.0625	LVA	186.	408.4125	LVA	214.	408.7625	EST
159.	408.0750	LVA	187.	408.4250	LVA	215.	408.7750	EST
160.	408.0875	LVA	188.	408.4375	LVA	216.	408.7875	EST
161.	408.1000	LVA	189.	408.4500	LVA	217.	408.8000	EST
162.	408.1125	LVA	190.	408.4625	LVA	218.	408.8125	EST
163.	408.1250	LVA	191.	408.4750	LVA	219.	408.8250	EST
164.	408.1375	LVA	192.	408.4875	LVA	220.	408.8375	EST
165.	408.1500	LVA	193.	408.5000	LVA	221.	408.8500	EST
166.	408.1625	LVA	194.	408.5125	EST	222.	408.8625	EST
167.	408.1750	LVA	195.	408.5250	EST	223.	408.8750	EST
168.	408.1875	LVA	196.	408.5375	EST	224.	408.8875	EST
169.	408.2000	LVA	197.	408.5500	EST	225.	408.9000	EST
170.	408.2125	LVA	198.	408.5625	EST	226.	408.9125	EST
171.	408.2250	LVA	199.	408.5750	EST	227.	408.9250	EST
172.	408.2375	LVA	200.	408.5875	EST	228.	408.9375	EST

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No of ch	Transmission-reception frequency, MHz	Preferential use (EST/LVA)	No of ch	Transmission-reception frequency, MHz	Preferential use (EST/LVA)	No of ch	Transmission-reception frequency, MHz	Preferential use (EST/LVA)
229.	408.9500	LVA	257.	409.3000	EST	285.	409.6500	EST
230.	408.9625	LVA	258.	409.3125	EST	286.	409.6625	EST
231.	408.9750	LVA	259.	409.3250	EST	287.	409.6750	EST
232.	408.9875	LVA	260.	409.3375	EST	288.	409.6875	EST
233.	409.0000	LVA	261.	409.3500	EST	289.	409.7000	EST
234.	409.0125	LVA	262.	409.3625	EST	290.	409.7125	EST
235.	409.0250	LVA	263.	409.3750	EST	291.	409.7250	EST
236.	409.0375	LVA	264.	409.3875	EST	292.	409.7375	EST
237.	409.0500	LVA	265.	409.4000	EST	293.	409.7500	EST
238.	409.0625	LVA	266.	409.4125	EST	294.	409.7625	EST
239.	409.0750	LVA	267.	409.4250	EST	295.	409.7750	EST
240.	409.0875	LVA	268.	409.4375	EST	296.	409.7875	EST
241.	409.1000	LVA	269.	409.4500	EST	297.	409.8000	EST
242.	409.1125	LVA	270.	409.4625	EST	298.	409.8125	EST
243.	409.1250	LVA	271.	409.4750	EST	299.	409.8250	EST
244.	409.1375	LVA	272.	409.4875	EST	300.	409.8375	LVA
245.	409.1500	LVA	273.	409.5000	EST	301.	409.8500	LVA
246.	409.1625	LVA	274.	409.5125	EST	302.	409.8625	LVA
247.	409.1750	LVA	275.	409.5250	EST	303.	409.8750	LVA
248.	409.1875	LVA	276.	409.5375	EST	304.	409.8875	LVA
249.	409.2000	LVA	277.	409.5500	EST	305.	409.9000	LVA
250.	409.2125	LVA	278.	409.5625	EST	306.	409.9125	LVA
251.	409.2250	LVA	279.	409.5750	EST	307.	409.9250	LVA
252.	409.2375	LVA	280.	409.5875	EST	308.	409.9375	LVA
253.	409.2500	LVA	281.	409.6000	EST	309.	409.9500	LVA
254.	409.2625	LVA	282.	409.6125	EST	310.	409.9625	LVA
255.	409.2750	LVA	283.	409.6250	EST	311.	409.9750	LVA
256.	409.2875	EST	284.	409.6375	EST	312.	409.9875	LVA

3. 03. 2005 *[Signature]*