

A G R E E M E N T

**between the Telecommunication Administrations of Finland and Estonia
concerning the use of the frequency bands
385-390 MHz / 395-399.9 MHz for the Land Mobile Service and Fixed Service
facilities in the border areas**

Helsinki 2001

Preamble

According to Article S6 of the Radio Regulations, the representatives of Telecommunications Administrations of Finland and Estonia (hereinafter referred to as Parties) have concluded this Agreement concerning the use of the frequency band 385-390/395-399.9 MHz with the purpose of avoiding mutual interference to the Fixed Services and Land Mobile Services and optimising the use of the above-stated frequency band on a mutually coordinated basis.

In order to eliminate the possible disagreements the Parties, if necessary, will be guided by the CEPT Recommendation T/R 25-08, while engaging in coordination of the frequency assignments to stations in the Land Mobile Services.

1. Use of frequencies in the bands 385-390 MHz / 395-399.9 MHz

- 1.1. The centre frequencies of the duplex channels in the 385-389.9/395-399.9 MHz frequency band spaced by 25 kHz are listed and allocated as preferential channels between the Parties as shown in Annex 1. The field strength values in section 1.2 refer to 25 kHz receiver bandwidth.

1.2. Preferential frequencies

- 1.2.1. Estonia may use the frequencies marked with EST without coordination with Finland, if the field strength value at the Finnish coast line does not exceed 40 dB μ V/m.
- 1.2.2. Finland may use the frequencies marked with EST without coordination with Estonia, if the field strength value at the Estonian coast line, including the islands of Saaremaa and Hiiumaa, does not exceed 10 dB μ V/m.
- 1.2.3. Estonia may use the frequencies marked with FIN without coordination with Finland, if the field strength value at the Finnish coast line does not exceed 10 dB μ V/m.
- 1.2.4. Finland may use the frequencies marked with FIN without coordination with Estonia, if the field strength value at the Estonian coast line, including the islands of Saaremaa and Hiiumaa, does not exceed 40 dB μ V/m.

1.3 Simplex channels for common use

- 1.3.1 The **simplex channels 397-400** (389.9125, 389.9375, 389.9625 and 389.9875 MHz), as referenced in Annex 1, are common simplex channels for Direct Mode Operation (DMO). These channels may be used only in mobile stations in the land mobile service. Both Estonia and Finland may use these channels without co-ordination on a non-protected basis.

2. Other provisions

- 2.1. If the field strength value exceeds the above-stated levels a frequency assignment shall be coordinated with the other Party.
- 2.2. In the case of frequency spacing other than 25 kHz the field strength values referred to 25 kHz bandwidth of preferential and non-preferential channels of each administration shall be maintained.
- 2.3. The above-mentioned field strength values are based on the latest version of the ITU-R Recommendation P.370; i.e. 450 MHz, cold sea, height of receiving antenna 10 m, 10 % of time, 50 % of locations.
- 2.4. In the presence of interference the claims shall be showed in accordance with Appendix S10 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 can be extended, complemented, revised or cancelled by a mutual decision of both Telecommunication Administrations.
- 3.2. This Agreement can be cancelled by a decision of one Telecommunication Administration subject to a six-month notice to the other Administration.
- 3.3. In the case this Agreement is cancelled coordination shall be made according to the CEPT Recommendation T/R 25-08.

4. Coming into force

- 4.1 This Agreement shall enter into force from the moment of the signing of it by both Telecommunication Administrations.

This Agreement has been drawn up in two identical copies, one for Estonia and one for Finland.

Helsinki 23 March 2001

For the Administration of Estonia:

For the Administration of Finland:

Arvo Rammus

Kari Koho

Number of channel	Base station transmission frequency, MHz	Mobile station transmission frequency, MHz	Preferential channels of	Number of channel	Base station transmission frequency, MHz	Mobile station transmission frequency, MHz	Preferential channels of
201	395,0125	385,0125	FIN	251	396,2625	386,2625	EST
202	395,0375	385,0375	FIN	252	396,2875	386,2875	EST
203	395,0625	385,0625	FIN	253	396,3125	386,3125	EST
204	395,0875	385,0875	FIN	254	396,3375	386,3375	EST
205	395,1125	385,1125	FIN	255	396,3625	386,3625	EST
206	395,1375	385,1375	FIN	256	396,3875	386,3875	EST
207	395,1625	385,1625	FIN	257	396,4125	386,4125	EST
208	395,1875	385,1875	FIN	258	396,4375	386,4375	EST
209	395,2125	385,2125	FIN	259	396,4625	386,4625	EST
210	395,2375	385,2375	FIN	260	396,4875	386,4875	EST
211	395,2625	385,2625	FIN	261	396,5125	386,5125	EST
212	395,2875	385,2875	FIN	262	396,5375	386,5375	EST
213	395,3125	385,3125	FIN	263	396,5625	386,5625	EST
214	395,3375	385,3375	FIN	264	396,5875	386,5875	EST
215	395,3625	385,3625	FIN	265	396,6125	386,6125	EST
216	395,3875	385,3875	FIN	266	396,6375	386,6375	EST
217	395,4125	385,4125	FIN	267	396,6625	386,6625	EST
218	395,4375	385,4375	FIN	268	396,6875	386,6875	EST
219	395,4625	385,4625	FIN	269	396,7125	386,7125	EST
220	395,4875	385,4875	FIN	270	396,7375	386,7375	EST
221	395,5125	385,5125	FIN	271	396,7625	386,7625	EST
222	395,5375	385,5375	FIN	272	396,7875	386,7875	EST
223	395,5625	385,5625	FIN	273	396,8125	386,8125	EST
224	395,5875	385,5875	FIN	274	396,8375	386,8375	EST
225	395,6125	385,6125	FIN	275	396,8625	386,8625	EST
226	395,6375	385,6375	FIN	276	396,8875	386,8875	EST
227	395,6625	385,6625	FIN	277	396,9125	386,9125	EST
228	395,6875	385,6875	FIN	278	396,9375	386,9375	EST
229	395,7125	385,7125	FIN	279	396,9625	386,9625	EST
230	395,7375	385,7375	FIN	280	396,9875	386,9875	EST
231	395,7625	385,7625	FIN	281	397,0125	387,0125	EST
232	395,7875	385,7875	FIN	282	397,0375	387,0375	EST
233	395,8125	385,8125	FIN	283	397,0625	387,0625	EST
234	395,8375	385,8375	FIN	284	397,0875	387,0875	EST
235	395,8625	385,8625	FIN	285	397,1125	387,1125	EST
236	395,8875	385,8875	FIN	286	397,1375	387,1375	EST
237	395,9125	385,9125	FIN	287	397,1625	387,1625	EST
238	395,9375	385,9375	FIN	288	397,1875	387,1875	EST
239	395,9625	385,9625	FIN	289	397,2125	387,2125	EST
240	395,9875	385,9875	FIN	290	397,2375	387,2375	EST
241	396,0125	386,0125	EST	291	397,2625	387,2625	EST
242	396,0375	386,0375	EST	292	397,2875	387,2875	EST
243	396,0625	386,0625	EST	293	397,3125	387,3125	EST
244	396,0875	386,0875	EST	294	397,3375	387,3375	EST
245	396,1125	386,1125	EST	295	397,3625	387,3625	EST
246	396,1375	386,1375	EST	296	397,3875	387,3875	EST
247	396,1625	386,1625	EST	297	397,4125	387,4125	EST
248	396,1875	386,1875	EST	298	397,4375	387,4375	EST
249	396,2125	386,2125	EST	299	397,4625	387,4625	EST
250	396,2375	386,2375	EST	300	397,4875	387,4875	EST

Number of channel	Base station transmission frequency, MHz	Mobile station transmission frequency, MHz	Preferential channels of	Number of channel	Base station transmission frequency, MHz	Mobile station transmission frequency, MHz	Preferential channels of
301	397,5125	387,5125	EST	351	398,7625	388,7625	FIN
302	397,5375	387,5375	EST	352	398,7875	388,7875	FIN
303	397,5625	387,5625	EST	353	398,8125	388,8125	FIN
304	397,5875	387,5875	EST	354	398,8375	388,8375	FIN
305	397,6125	387,6125	EST	355	398,8625	388,8625	FIN
306	397,6375	387,6375	EST	356	398,8875	388,8875	FIN
307	397,6625	387,6625	EST	357	398,9125	388,9125	FIN
308	397,6875	387,6875	EST	358	398,9375	388,9375	FIN
309	397,7125	387,7125	EST	359	398,9625	388,9625	FIN
310	397,7375	387,7375	EST	360	398,9875	388,9875	FIN
311	397,7625	387,7625	EST	361	399,0125	389,0125	FIN
312	397,7875	387,7875	EST	362	399,0375	389,0375	FIN
313	397,8125	387,8125	EST	363	399,0625	389,0625	FIN
314	397,8375	387,8375	EST	364	399,0875	389,0875	FIN
315	397,8625	387,8625	EST	365	399,1125	389,1125	FIN
316	397,8875	387,8875	EST	366	399,1375	389,1375	FIN
317	397,9125	387,9125	EST	367	399,1625	389,1625	FIN
318	397,9375	387,9375	EST	368	399,1875	389,1875	FIN
319	397,9625	387,9625	EST	369	399,2125	389,2125	FIN
320	397,9875	387,9875	EST	370	399,2375	389,2375	FIN
321	398,0125	388,0125	EST	371	399,2625	389,2625	FIN
322	398,0375	388,0375	EST	372	399,2875	389,2875	FIN
323	398,0625	388,0625	EST	373	399,3125	389,3125	FIN
324	398,0875	388,0875	EST	374	399,3375	389,3375	FIN
325	398,1125	388,1125	EST	375	399,3625	389,3625	FIN
326	398,1375	388,1375	EST	376	399,3875	389,3875	FIN
327	398,1625	388,1625	EST	377	399,4125	389,4125	FIN
328	398,1875	388,1875	EST	378	399,4375	389,4375	FIN
329	398,2125	388,2125	EST	379	399,4625	389,4625	FIN
330	398,2375	388,2375	EST	380	399,4875	389,4875	FIN
331	398,2625	388,2625	EST	381	399,5125	389,5125	FIN
332	398,2875	388,2875	EST	382	399,5375	389,5375	FIN
333	398,3125	388,3125	EST	383	399,5625	389,5625	FIN
334	398,3375	388,3375	EST	384	399,5875	389,5875	FIN
335	398,3625	388,3625	EST	385	399,6125	389,6125	FIN
336	398,3875	388,3875	EST	386	399,6375	389,6375	FIN
337	398,4125	388,4125	EST	387	399,6625	389,6625	FIN
338	398,4375	388,4375	EST	388	399,6875	389,6875	FIN
339	398,4625	388,4625	FIN	389	399,7125	389,7125	FIN
340	398,4875	388,4875	FIN	390	399,7375	389,7375	FIN
341	398,5125	388,5125	FIN	391	399,7625	389,7625	FIN
342	398,5375	388,5375	FIN	392	399,7875	389,7875	FIN
343	398,5625	388,5625	FIN	393	399,8125	389,8125	FIN
344	398,5875	388,5875	FIN	394	399,8375	389,8375	FIN
345	398,6125	388,6125	FIN	395	399,8625	389,8625	FIN
346	398,6375	388,6375	FIN	396	399,8875	389,8875	FIN
347	398,6625	388,6625	FIN	397		389,9125	common DMO
348	398,6875	388,6875	FIN	398		389,9375	common DMO
349	398,7125	388,7125	FIN	399		389,9625	common DMO
350	398,7375	388,7375	FIN	400		389,9875	common DMO

Frequency channel numbers are based on CEPT Recommendation T/R 25-08