

**Agreement between
the Telecommunications Administration Centre, Finland and
Estonian National Communications Board, Estonia
concerning the use of the frequency bands 880-890 / 925-935 MHz
for Land Mobile Service Stations**

Section 1 - Use of E-GSM 900 channels¹.

- 1.1 The preferential frequencies and the preferential frequency bands will be shared between Estonia and Finland as follows:

Estonia may use the E-GSM 900 channels 986 – 994, 1006 – 1014 and 1021 – 1024 without coordination with Finland, if the field strength of every single carrier produced by a base station does not exceed 36 dB μ V/m within zone F (Annex 2).

Finland may use the E-GSM 900 channels 975 – 984, 996 – 1004 and 1016 – 1019 without coordination with Estonia, if the field strength of every single carrier produced by a base station does not exceed 36 dB μ V/m within zone E (Annex 2).

- 1.2 The non-preferential frequencies and the non-preferential frequency bands will be shared between Estonia and Finland as follows:

Estonia may use the E-GSM 900 channels 975 – 985, 995 – 1005 and 1015 – 1020 without coordination with Finland, if the field strength of every single carrier produced by a base station does not exceed 19 dB μ V/m within zone F.

Finland may use the E-GSM 900 channels 985 – 995, 1005 – 1015 and 1020 – 1024 without coordination with Estonia, if the field strength of every single carrier produced by a base station does not exceed 19 dB μ V/m within zone E.

- 1.3 The preferential frequencies with restrictions will be shared between Estonia and Finland as follows:

Estonia may, after coordination with the Finnish E-GSM 900 operator concerned, without any obligation to inform the frequency management authority, use the E-GSM 900 channels 985, 1005 and 1020 with a field strength exceeding 19 dB μ V/m, but not 36 dB μ V/m, within zone F.

Finland may, after coordination with the Estonian E-GSM 900 operator concerned, without any obligation to inform the frequency management authority, use the E-GSM 900 channels 995 and 1015 with a field strength exceeding 19 dB μ V/m, but not 36 dB μ V/m, within zone E.

The above mentioned field strength values are based on height of receiving antenna 1.5 m, 50 % of time, 50 % of locations. It is possible to use the field strength values based on height of receiving antenna 10 m. In this case the above mentioned field strength value 36 dB μ V/m corresponds to 42 dB μ V/m and 19 dB μ V/m corresponds to 25 dB μ V/m.

¹ Frequency channel numbers are based on ETS 300 577 (GSM 05.05).

Section 2 - Other Provisions

- 2.1 A field strength exceeding above-mentioned levels shall be co-coordinated with the other administration.
- 2.2 Preliminary coordination may take place between operators concerned. The results from preliminary coordination between operators must be approved by the administrations.
- 2.3 A complaint in case of interference shall be based on the median values of measurements of field strength performed at 1.5 m or (and) 10 m of receiving antenna height at least on two different occasions over a range of at least 100 m of the tangent of the wave propagation of an interfering base station. In the case the measurement result at the height of the receiving antenna 1.5 m does not correspond to the measurement result at the height of the receiving antenna 10 m the more stringent result shall be used. Measurements of field strength shall refer to Annex 2.

Section 3 - Revision and cancellation

- 3.1 This agreement may be cancelled as desired by one of the administrations with a notice of one year.
- 3.2 This agreement may be revised if mutual understanding is reached at the negotiations between the administrations.
- 3.3 In case this agreement is cancelled and new one is not concluded the coordination procedure will be based on CEPT Recommendation T/R 20-08, noting that CEPT Recommendation T/R 20-08 does not cover the E-GSM frequency band.

This agreement shall come into effect from 23 March 2001.

This agreement has been drawn up in two identical copies, of which each party has taken its own.

Helsinki, 23 March 2001

Kari Koho

Arvo Rammus

List of annexes:

Annex 1: Assignment of preferential frequencies between Finland and Estonia

Annex 2: Definition of protected zones

DEFINITION OF PROTECTED ZONES

In Estonia

Zone E

The Estonian coast including the following islands:
Saaremaa, Hiiumaa, Vormsi, Naissaar and Prangli.

In Finland

Zone F

The south coast of Finland