

POST- OG TELETILSYNET	
SAKSNR	08/06882-14
07 MAI 2010	
KODE	S.beh.

## **AGREEMENT**

**between**  
**the Norwegian Post and Telecommunications Authority**  
**and**  
**the Finnish Communications Regulatory Authority**  
**concerning**  
**the use of the frequency bands 880 - 915 / 925 - 960 MHz**

**Lillesand 2010**



## 1. The Frequency Blocks.

1.1. The frequency band 880 – 915 MHz/925 – 960 MHz has been divided into 6 equal duplex blocks, with a bandwidth of 5.8 MHz each.

1.2. Numbering of the frequency blocks.

Block Number	Uplink Frequency Range [MHz]	Downlink Frequency Range [MHz]	Channel Number in the existing GSM900 technology
1	880,1 – 885,9	925,1 – 930,9	975 – 1003
2	885,9 – 891,7	930,9 – 936,7	1004 – 8
3	891,7 – 897,5	936,7 – 942,5	9 – 37
4	897,5 – 903,3	942,5 – 948,3	38 – 66
5	903,3 – 909,1	948,3 – 954,1	67 – 95
6	909,1 – 914,9	954,1 – 959,9	96 – 124

## 2. Use of frequencies

2.1 Norway may use the frequency blocks No. **1, 3 and 5** without coordination with Finland, if the field strength of the generated electromagnetic wave does not exceed 45 dB $\mu$ V/m/200 kHz (59 dB $\mu$ V/m/5 MHz) 5 km inside the neighbouring country at a height of 3 m.

2.2 Finland may use the frequency blocks No. **2, 4 and 6** without coordination with Norway, if the field strength of the generated electromagnetic wave does not exceed 45 dB $\mu$ V/m/200 kHz (59 dB $\mu$ V/m/5 MHz) 5 km inside the neighbouring country at a height of 3 m.

2.3 Norway may use the frequency blocks No. **2, 4 and 6** without coordination with Finland, if the field strength of the generated electromagnetic wave does not exceed 30 dB $\mu$ V/m/200 kHz (44 dB $\mu$ V/m/5 MHz) at a height of 3 m at the border.

2.4 Finland may use the frequency blocks No. **1, 3 and 5** without coordination with Norway, if the field strength of the generated electromagnetic wave does not exceed 30 dB $\mu$ V/m/200 kHz (44 dB $\mu$ V/m/5 MHz) at a height of 3 m at the border.

## 3. General

3.1. If field strength values exceed the above mentioned levels a frequency assignment shall be coordinated with the other country.

3.2. The field strength measurements shall be based on the following parameters:

- height of receiving antenna: 3 m above the ground and
- 10 % of time, 50 % of locations.

3.3. For the field strength calculations relating to this agreement, countries shall use the propagation curves as included in the ECC Recommendation (05)08.

3.4. The coordination notification form shall be in accordance with ECC Recommendation (08)02 Annex 5



- 3.5. The period of coordination shall not exceed 45 days from the date of the receipt of the request by fax or email and 20 days after the reminder. If no reply is received after 65 days the frequency assignment shall be considered as coordinated.
- 3.6. Preliminary coordination may take place between the operators concerned. The results of such preliminary coordination between operators must be approved by the administrations.
- 3.7. In the presence of interference, the Report of harmful interference shall be presented in accordance with Appendix 10 of the Radio Regulations. Countries shall take all possible measures in order to eliminate the interference.

#### **4. Revision and cancellation**

- 4.1. This agreement may be revised or cancelled as desired by one of the administrations with a notice of six months.
- 4.2. If no agreement is reached then, ECC Recommendations (08)02 and (05)08 shall apply.

#### **5. Enter into force**

- 5.1. This agreement is in force from 1<sup>st</sup> September 2010.

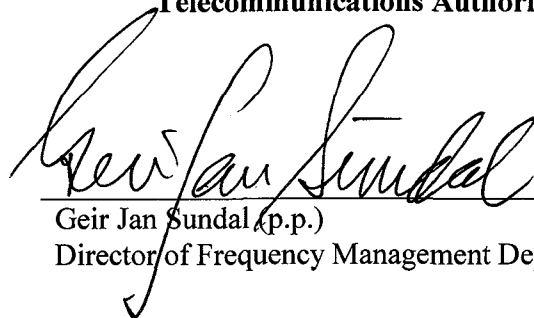
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This agreement has been drawn up in two identical copies, one for Norway and one for Finland.

This agreement, when in force, replaces the previous agreements from February 2003.

Lillesand 30 April 2010

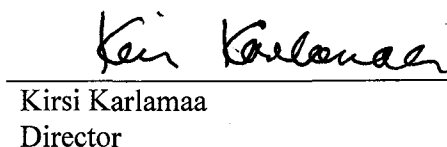
**For the Norwegian Post and  
Telecommunications Authority**



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Geir Jan Sundal (p.p.)  
Director of Frequency Management Department

**For the Finnish Communications  
Regulatory Authority**



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Kirsi Karlamaa  
Director