18 January 2001

Agreement between the Telecommunications Administration Centre, Finland and the National Post and Telecom Agency, Sweden concerning the use of the frequency bands 880-890 / 925-935 MHz for Land Mobile Service Stations

2001

Section 1 - Use of E-GSM channels from 18 January 2001

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

Sweden may use the E-GSM 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 dBμV/m within zone F (Annex 2).

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

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

Sweden may use the E-GSM 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 dBμV/m within zone F.

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

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

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

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

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 dBμV/m corresponds to 42 dBμV/m and 19 dBμV/m corresponds to 25 dBμV/m.

Section 2 - General

2.1 A field strength exceeding above-mentioned levels shall be co-coordinated with the other country by the frequency management authorities.

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 the coastline.

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 18 January 2001.

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

Helsinki, 18 January 2001

Kari Koho

Marianne Treschow

List of annexes:

Annex 1:	E-GSM Frequency assignment planning and coordination of preferential frequencies between Finland and Sweden
Annex 2:	Definition of protected zones

Assignment of preferential frequencies between Finland and Sweden ANNEX 1

Ch. No	Assignm.	Rx Centre Fq. (MHz)	Tx Centre Fq. (MHz)
975	FIN	880,200	925,200
976	FIN	880,400	925,400
977	FIN	880,600	925,600
978	FIN	880,800	925,800
979	FIN	881,000	926,000
980	FIN	881,200	926,200
981	FIN	881,400	926,400
982	FIN	881,600	926,600
983	FIN	881,800	926,800
984	FIN	882,000	927,000
985	SWE	882,200	927,200
986	SWE	882,400	927,400
987	SWE	882,600	927,600
988	SWE	882,800	927,800
989	SWE	883,000	928,000
990	SWE	883,200	928,200
991	SWE	883,400	928,400
992	SWE	883,600	928,600
993	SWE	883,800	928,800
994	SWE	884,000	929,000
995	FIN	884,200	929,200
996	FIN	884,400	929,400
997	FIN	884,600	929,600
998	FIN	884,800	929,800
999	FIN	885,000	930,000
1000	FIN	885,200	930,200
1001	FIN	885,400	930,400
1002	FIN	885,600	930,600
1003	FIN	885,800	930,800
1004	FIN	886,000	931,000
1005	SWE	886,200	931,200
1006	SWE	886,400	931,400
1007	SWE	886,600	931,600
1008	SWE	886,800	931,800
1009	SWE	887,000	932,000
1010	SWE	887,200	932,200
1011	SWE	887,400	932,400
1012	SWE	887,600	932,600
1013	SWE	887,800	932,800
1014	SWE	888,000	933,000
1015	FIN	888,200	933,200
1016	FIN	888,400	933,400
1017	FIN	888,600	933,600
1018	FIN	888,800	933,800
1019	FIN	889,000	934,000
1020	SWE	889,200	934,200
1021	SWE	889,400	934,400
1022	SWE	889,600	934,600
1023	SWE	889,800	934,800
1024	SWE	890,000	935,000

In Finland

Zone F

- at Åland

a line between Norrskär, Ådskär, Västerön, Askö and Kalskär

- at Vasa

a line between Mickelsöarna, Lappöarna, Bergö and Björkby

- at Uleåborg

Hailuoto

- the land border between Finland and Sweden

In Sweden

Zone S

- at the coast of Uppland and Stockholm archipelago

a line between the lighthouse Argos, Simpenäs klubb, Söderarm, Svenska högarna and Huvudskär

- the land border between Sweden and Finland