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POST & TELESTYRELSEN	
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**Agreement between
the Telecommunications Administration Centre, Finland and
the National Post and Telecom Agency, Sweden
concerning the use of the frequency bands 890-915/935-960 MHz**

Agreement between the Telecommunications Administration Centre, Finland and
the National Post and Telecom Agency, Sweden concerning the use of the frequency bands
890-915 / 935-960 MHz

Section 1 - Cancellation of previous agreement (1998)

“Agreement between the Telecommunications Administration Centre, Finland and the National Post and Telecom Agency, Sweden concerning the use of the frequency bands 890-915/935-960 MHz” (1998) shall be cancelled from the date coming into force of the given agreement.

Section 2 - Use of GSM channels from 18 January 2001

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

Sweden may use the GSM channels 1 – 8, 30 – 45, 66 – 81, 91 – 94 and 108 – 119 without co-ordination 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 GSM channels 10 – 28, 47 – 64, 83 – 89 and 96 – 106 without coordination with Sweden, if the field strength of every single carrier produced by a base station does not exceed 36 dB μ V/m within zone S (Annex 2).

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

Sweden may use the GSM channels 9 – 29, 46 – 65, 82 – 90 and 95 – 107 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 GSM channels 1 – 9, 32 – 49, 65 – 82, 90 – 95 and 107 – 119 without coordination with Sweden, if the field strength of every single carrier produced by a base station does not exceed 19 dB μ V/m within zone S.

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

Sweden may, after co-ordination with the Finnish GSM operator concerned, without any obligation to inform the frequency management authority, use the GSM channels 9, 46, 82 and 95 with a field strength exceeding 19 dB μ V/m, but not 36 dB μ V/m, within zone F.

Finland may, after co-ordination with the Swedish GSM operator concerned, without any obligation to inform the frequency management authority, use the GSM channels 29, 65, 90 and 107 with a field strength exceeding 19 dB μ V/m, but not 36 dB μ V/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.

Section 3 - General

- 3.1 A field strength exceeding above-mentioned levels shall be coordinated with the other country by the frequency management authorities.
- 3.2 Preliminary co-ordination may take place between operators concerned. The results from preliminary co-ordination between operators must be approved by the administrations.
- 3.3 A complaint in case of interference shall be based on the median values of measurements of field strength performed at 1.5 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. Measurements of field strength shall refer to the coastline.
- 3.4 The operation of GSM channels 120 - 124 is intended for cordless telephone system CT-1.

Section 4 - Revision and cancellation

- 4.1 This agreement may otherwise be revised or cancelled as desired by one of the administrations with a notice of one year.
- 4.2 In case this agreement is cancelled and new one is not concluded the co-ordination procedure will be based on CEPT Recommendation T/R 20-08.

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: GSM900 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)	Ch. No	Assignm.	Rx Centre Fq. (MHz)	Tx Centre Fq. (MHz)
1	SWE	890.20	935.20	63	FIN	902.60	947.60
2	SWE	890.40	935.40	64	FIN	902.80	947.80
3	SWE	890.60	935.60	65	FIN	903.00	948.00
4	SWE	890.80	935.80	66	SWE	903.20	948.20
5	SWE	891.00	936.00	67	SWE	903.40	948.40
6	SWE	891.20	936.20	68	SWE	903.60	948.60
7	SWE	891.40	936.40	69	SWE	903.80	948.80
8	SWE	891.60	936.60	70	SWE	904.00	949.00
9	SWE	891.80	936.80	71	SWE	904.20	949.20
10	FIN	892.00	937.00	72	SWE	904.40	949.40
11	FIN	892.20	937.20	73	SWE	904.60	949.60
12	FIN	892.40	937.40	74	SWE	904.80	949.80
13	FIN	892.60	937.60	75	SWE	905.00	950.00
14	FIN	892.80	937.80	76	SWE	905.20	950.20
15	FIN	893.00	938.00	77	SWE	905.40	950.40
16	FIN	893.20	938.20	78	SWE	905.60	950.60
17	FIN	893.40	938.40	79	SWE	904.80	950.80
18	FIN	893.60	938.60	80	SWE	906.00	951.00
19	FIN	893.80	938.80	81	SWE	906.20	951.20
20	FIN	894.00	939.00	82	SWE	906.40	951.40
21	FIN	894.20	939.20	83	FIN	906.60	951.60
22	FIN	894.40	939.40	84	FIN	906.80	951.80
23	FIN	894.60	939.60	85	FIN	907.00	952.00
24	FIN	894.80	939.80	86	FIN	907.20	952.20
25	FIN	895.00	940.00	87	FIN	907.40	952.40
26	FIN	895.20	940.20	88	FIN	907.60	952.60
27	FIN	895.40	940.40	89	FIN	907.80	952.80
28	FIN	895.60	940.60	90	FIN	908.00	953.00
29	FIN	895.80	940.80	91	SWE	908.20	953.20
30	SWE	896.00	941.00	92	SWE	908.40	953.40
31	SWE	896.20	941.20	93	SWE	908.60	953.60
32	SWE	896.40	941.40	94	SWE	908.80	953.80
33	SWE	896.60	941.60	95	SWE	909.00	954.00
34	SWE	896.80	941.80	96	FIN	909.20	954.20
35	SWE	897.00	942.00	97	FIN	909.40	954.40
36	SWE	897.20	942.20	98	FIN	909.60	954.60
37	SWE	897.40	942.40	99	FIN	909.80	954.80
38	SWE	897.60	942.60	100	FIN	910.00	955.00
39	SWE	897.80	942.80	101	FIN	910.20	955.20
40	SWE	898.00	943.00	102	FIN	910.40	955.40
41	SWE	898.20	943.20	103	FIN	910.60	955.60
42	SWE	898.40	943.40	104	FIN	910.80	955.80
43	SWE	898.60	943.60	105	FIN	911.00	956.00
44	SWE	898.80	943.80	106	FIN	911.20	956.20
45	SWE	899.00	944.00	107	FIN	911.40	956.40
46	SWE	899.20	944.20	108	SWE	911.60	956.60
47	FIN	899.40	944.40	109	SWE	911.80	956.80
48	FIN	899.60	944.60	110	SWE	912.00	957.00
49	FIN	899.80	944.80	111	SWE	912.20	957.20
50	FIN	900.00	945.00	112	SWE	912.40	957.40
51	FIN	900.20	945.20	113	SWE	912.40	957.60
52	FIN	900.40	945.40	114	SWE	912.80	957.80
53	FIN	900.60	945.60	115	SWE	913.00	958.00
54	FIN	900.80	945.80	116	SWE	913.20	958.20
55	FIN	901.00	946.00	117	SWE	913.40	958.40
56	FIN	901.20	946.20	118	SWE	913.60	958.60
57	FIN	901.40	946.40	119	SWE	913.80	958.80
58	FIN	901.60	946.60	120	CT-1	914.00	959.00
59	FIN	901.80	946.80	121	CT-1	914.20	959.20
60	FIN	902.00	947.00	122	CT-1	914.40	959.40
61	FIN	902.20	947.20	123	CT-1	914.60	959.60
62	FIN	902.40	947.40	124	CT-1	914.80	959.80

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