

# **AGREEMENT**

between the administrations of  
the Czech Republic, Germany,  
Poland and the Slovak Republic

on the frequency coordination in  
the frequency bands  
890 – 915/935 - 960 MHz  
(GSM 900)

17<sup>th</sup> October 2002, Wroclaw

## **1. Introduction**

In the framework of the "Vienna Agreement (Berlin 2001)" the Administrations of the Czech Republic, Germany, Poland and the Slovak Republic concluded this Agreement for the purpose of the frequency coordination for GSM systems in the frequency bands 890 – 915/935 – 960 MHz. The relevant provisions of the "Vienna Agreement (Berlin 2001)" and CEPT Rec. T/R 20-08 shall be applied unless otherwise laid down in this agreement.

## **2. Principles - Background**

- 2.1 The Administrations mentioned above deemed it necessary to conclude an agreement on the allotment of the preferential frequencies for GSM systems in the frequency bands 890 – 915/935 – 960 MHz. The channel arrangement used in this agreement is in conformity with I-ETS 300 609-1 and shown in Annex 1.
- 2.2 Operators shall have the possibility to cooperate in order to minimise interference and to achieve the most efficient use of the available spectrum. Therefore the provisions laid down in the "Agreement between the administrations of the Czech Republic, Germany, Poland and the Slovak Republic concerning the approval of arrangements between operators of mobile radiocommunication networks (Mainz, 29 May 2002)" shall be applied.

## **3. Technical provisions**

- 3.1 The preferential frequency partitioning is described in Annex 2.
- 3.2 Preferential frequencies may be used without coordination with a neighbouring country if the field strength of each carrier produced by the base station does not exceed a value of 19 dB $\mu$ V/m at a height of 3 m above ground at a distance of 15 km inside the neighbouring country.
- 3.3 Non preferential frequencies may be used without coordination with a neighbouring country if the field strength of each carrier produced by the base station does not exceed a value of 19 dB $\mu$ V/m at a height of 3 m above ground at the border line.

## **4. Exchange of information**

Notifications of base stations will be exchanged on explicit request of an administration only.

## **5. Procedure in case of harmful interference**

In case of harmful interference the Administrations affected shall inform each other and endeavour to achieve mutually satisfactory solution.

## 6. Revision of this agreement

This Agreement can be revised in light of administrative, regulatory or technical developments at the proposal of any Signatory Administration with the agreement of all other Signatory Administrations.

## 7. Withdrawal from this Agreement

Any Administration may withdraw from this Agreement by the end of a calendar month by giving notice of its intention at least six months in advance. A declaration to that effect shall be addressed to the handling administration of the „Vienna Agreement (Berlin 2001)“. Frequency assignments made within the framework of this Agreement prior to the date of entry into force of the withdrawal shall remain valid and be protected according to their status.

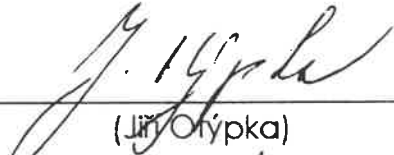
## 8. Language of the Agreement

The original text of this Agreement exists in English and is retained at the handling administration of the „Vienna Agreement (Berlin 2001)“.


## 9. Date of entry into force of the Agreement

This Agreement enters into force at the date of its signature.

For the Czech Republic

  
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(Jiří Orýpka)

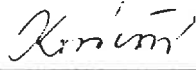
For Germany

  
\_\_\_\_\_  
(Thomas Heutmann)

For Poland

  
\_\_\_\_\_  
(Wiktor Sęga)

For the Slovak Republic

  
\_\_\_\_\_  
(Zuzana Kováčová)

## Channel arrangement in the GSM 900 bands

Ch No	Frequency [MHz]		Ch No	Frequency [MHz]		Ch No	Frequency [MHz]	
1	890.200	935.200	43	898.600	943.600	84	906.800	951.800
2	890.400	935.400	44	898.800	943.800	85	907.000	952.000
3	890.600	935.600	45	899.000	944.000	86	907.200	952.200
4	890.800	935.800	46	899.200	944.200	87	907.400	952.400
5	891.000	936.000	47	899.400	944.400	88	907.600	952.600
6	891.200	936.200	48	899.600	944.600	89	907.800	952.800
7	891.400	936.400	49	899.800	944.800	90	908.000	953.000
8	891.600	936.600	50	900.000	945.000	91	908.200	953.200
9	891.800	936.800	51	900.200	945.200	92	908.400	953.400
10	892.000	937.000	52	900.400	945.400	93	908.600	953.600
11	892.200	937.200	53	900.600	945.600	94	908.800	953.800
12	892.400	937.400	54	900.800	945.800	95	909.000	954.000
13	892.600	937.600	55	901.000	946.000	96	909.200	954.200
14	892.800	937.800	56	901.200	946.200	97	909.400	954.400
15	893.000	938.000	57	901.400	946.400	98	909.600	954.600
16	893.200	938.200	58	901.600	946.600	99	909.800	954.800
17	893.400	938.400	59	901.800	946.800	100	910.000	955.000
18	893.600	938.600	60	902.000	947.000	101	910.200	955.200
19	893.800	938.800	61	902.200	947.200	102	910.400	955.400
20	894.000	939.000	62	902.400	947.400	103	910.600	955.600
21	894.200	939.200	63	902.600	947.600	104	910.800	955.800
22	894.400	939.400	64	902.800	947.800	105	911.000	956.000
23	894.600	939.600	65	903.000	948.000	106	911.200	956.200
24	894.800	939.800	66	903.200	948.200	107	911.400	956.400
25	895.000	940.000	67	903.400	948.400	108	911.600	956.600
26	895.200	940.200	68	903.600	948.600	109	911.800	956.800
27	895.400	940.400	69	903.800	948.800	110	912.000	957.000
28	895.600	940.600	70	904.000	949.000	111	912.200	957.200
29	895.800	940.800	71	904.200	949.200	112	912.400	957.400
30	896.000	941.000	72	904.400	949.400	113	912.600	957.600
31	896.200	941.200	73	904.600	949.600	114	912.800	957.800
32	896.400	941.400	74	904.800	949.800	115	913.000	958.000
33	896.600	941.600	75	905.000	950.000	116	913.200	958.200
34	896.800	941.800	76	905.200	950.200	117	913.400	958.400
35	897.000	942.000	77	905.400	950.400	118	913.600	958.600
36	897.200	942.200	78	905.600	950.600	119	913.800	958.800
37	897.400	942.400	79	905.800	950.800	120	914.000	959.000
38	897.600	942.600	80	906.000	951.000	121	914.200	959.200
39	897.800	942.800	81	906.200	951.200	122	914.400	959.400
40	898.000	943.000	82	906.400	951.400	123	914.600	959.600
41	898.200	943.200	83	906.600	951.600	124	914.800	959.800
42	898.400	943.400						

$$F_l(n) = 890 + 0.2 \cdot n$$

$$\text{for } 1 \leq n \leq 124$$

$$F_u(n) = F_l(n) + 45$$



