AGREEMENT

between the Administrations of
Austria, the Czech Republic, Germany,
Liechtenstein and Switzerland

on the frequency coordination in
the frequency bands
880 – 890/925 - 935 MHz
(E-GSM)

Vienna, 27 February 2002

1. Introduction

In the framework of the "Vienna Agreement (Berlin 2001)" the Administrations of Austria, the Czech Republic, Germany, Liechtenstein and Switzerland concluded this Agreement for the purpose of the frequency coordination for GSM systems in the frequency bands 880 - 890/925 - 935 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 880 - 890/925 - 935 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 administrations concerned regarding the approval of arrangements between operators" 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 fieldstrength of each carrier produced by the base station does not exceed a value of 19 dBµV/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 fieldstrength of each carrier produced by the base station does not exceed a value of 19 dBµV/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 for the Administrations of Austria, Liechtenstein and Switzerland at the date of its signature.

For the Czech Administration and the German Administration this Agreement will enter into force after its announcement. In the meantime the Administrations of Austria and Switzerland can use all frequencies in the bands 880 - 890/925 - 935 MHz on the basis of non-preferential frequencies (see Item 3.3).

For the Austrian Administration 27/02/2002

For the Czech Administration 27.02.2002

For the German Administration 27.02.2002

For the Administration of Liechtenstein 27.02.2002

For the Swiss Administration 27.02.2002

Annex 1

TABLE OF FREQUENCY - CHANNEL NUMBER
880 - 890/925 - 935 MHz

Ch. NO	Frequency	
975	880,2	925,2
976	880,4	925,4
977	880,6	925,6
978	880,8	925,8
979	881	926
980	881,2	926,2
981	881,4	926,4
982	881,6	926,6
983	881,8	926,8
984	882	927
985	882,2	927,2
986	882,4	927,4
987	882,6	927,6
988	882,8	927,8
989	883	928
990	883,2	928,2
991	883,4	928,4
992	883,6	928,6
993	883,8	928,8
994	884	929
995	884,2	929,2
996	884,4	929,4
997	884,6	929,6
998	884,8	929,8
999	885	930
1000	885,2	930,2
1001	885,4	930,4
1002	885,6	930,6
1003	885,8	930,8
1004	886	931
1005	886,2	931,2
1006	886,4	931,4
1007	886,6	931,6
1008	886,8	931,8
1009	887	932
1010	887,2	932,2
1011	887,4	932,4
1012	887,6	932,6
1013	887,8	932,8
1014	888	933
1015	888,2	933,2
1016	888,4	933,4
1017	888,6	933,6
1018	888,8	933,8
1019	889	934
1020	889,2	934,2
1021	889,4	934,4
1022	889,6	934,6
1023	889,8	934,8

$Fl(n) = 890 + 0,2(n - 1024)$ MHz

$Fu(n) = Fl(n) + 45$ MHz

for $975 \leq n \leq 1023$

Preferential frequency partitioning in the E-GSM bands

AUT/D/CZE

975 982	983 990	991 999	1000 1007	1008 1015	1016 1023
AUT	CZE	D	AUT	CZE	D
8	8	9	8	8	8

AUT/D

975 987	988 999	1000 1011	1012 1023
AUT	D	AUT	D
13	12	12	12

AUT/D/SUI

975 982	983 990	991 999	1000 1007	1008 1015	1016 1023
AUT	SUI	D	SUI	AUT	D
8	8	9	8	8	8

AUT/SUI

975 982	983 995	996 999	1000 1007	1008 1019	1020-1023
AUT	SUI	AUT	SUI	AUT	SUI
8	12	5	8	12	4

AUT/LIE/SUI

975 982	983 990	991 999	1000 1007	1008 1015	1016 1023
AUT	SUI	LIE	SUI	AUT	LIE
8	8	9	8	8	8

CZE/D

975 990	991 1007	1008 1015	1016- 1023
CZE	D	CZE	D
16	17	8	8