TECHNICAL AGREEMENT

between the Administrations of

AUSTRIA
CROATIA,
HUNGARY
and SLOVENIA

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

2007

1   Preamble

In the framework of the "HCM Agreement (Vilnius 2005)" the Administrations of Austria, Croatia, Hungary and Slovenia concluded this agreement for the purpose of the frequency coordination for E-GSM systems in the frequency band 880 – 890/925 – 935 MHz. The relevant provisions of the "HCM Agreement (Vilnius 2005)" and ECC REC/(05)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 E-GSM systems in the frequency band 880 – 890/925 – 935 MHz. The channel arrangement used in this agreement is according to I-ETS 300 609-1 and shown in Annex 1.

2.2 Operators shall have the possibility to cooperate in order to minimize 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 division is given 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 19 dBμV/m *(10% of time, 50% of locations)* at a height of 3m 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 19 dBμV/m *(10% of time, 50% of locations)* at a height of 3m above ground at the border line.

3.4 Operators may make arrangements to use frequencies in a different way according to the respective „Agreement between Administrations concerning the approval of arrangements between operators of radiocommunications networks".

3.5 All channels in the allotted frequency blocks shall be considered as preferential ones. In case of harmful interference between stations using block end channels in the border area, the lowest channel in a preferential frequency block allotted to a country will be considered as non-preferential one at the station(s) involved in the harmful interference situation, except for the channel 1 (880,2/925,2 MHz).

4   Exchange of information

Notifications of base stations will be exchanged on explicit request of any Signatory Administration.

5 Procedure in case of harmful interference

In cases of harmful interference the Administrations affected shall inform each other and endeavour to achieve mutually acceptable solutions.

6 Revision of this Agreement

This agreement can be revised in the 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. 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

This Agreement has been concluded in English in four originals.

9 Date of entry into force of the Agreement

This Agreement enters into force on the date of the last signature.

For the Administration of Austria
on ..../....../2007   (..)

For the Administration of Croatia
on .13../.06../2007   (..)

For the Administration of Hungary
on 2.5../.0.7./2007   (..)

For the Administration of Slovenia
on .1.1./.7.../2007   (..)
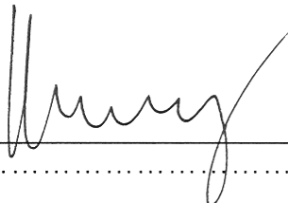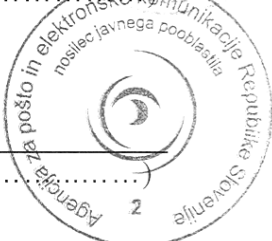
TABLE OF FREQUENCY - CHANNEL NUMBER
880 - 890/925 - 935 MHz

Ch. NO	Frequency	
975	880.2	925.2
976	880.4	925.4
977	880.6	925.6
978	880.8	925.8
979	881.0	926.0
980	881.2	926.2
981	881.4	926.4
982	881.6	926.6
983	881.8	926.8
984	882.0	927.0
985	882.2	927.2
986	882.4	927.4
987	882.6	927.6
988	882.8	927.8
989	883.0	928.0
990	883.2	928.2
991	883.4	928.4
992	883.6	928.6
993	883.8	928.8
994	884.0	929.0
995	884.2	929.2
996	884.4	929.4
997	884.6	929.6
998	884.8	929.8
999	885.0	930.0
1000	885.2	930.2
1001	885.4	930.4
1002	885.6	930.6
1003	885.8	930.8
1004	886.0	931.0
1005	886.2	931.2
1006	886.4	931.4
1007	886.6	931.6
1008	886.8	931.8
1009	887.0	932.0
1010	887.2	932.2
1011	887.4	932.4
1012	887.6	932.6
1013	887.8	932.8
1014	888.0	933.0
1015	888.2	933.2
1016	888.4	933.4
1017	888.6	933.6
1018	888.8	933.8
1019	889.0	934.0
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

HRV / HNG / SVN
(17) (16) (16)

975	983	984	991	992	999	1000	1007	1008	1015	1016	1023
HRV 9		HNG 8		SVN 8		HRV 8		HNG 8		SVN 8	

HRV / HNG
(24) (25)

975	983	984		996	997		1007	1008		1019	1020	1023
HRV 9		HNG 13			HRV 11			HNG 12			HRV 4	

HRV / SVN
(24) (25)

975	986	987		999	1000	1011	1012		1023
HRV 12		SVN 13			HRV 12		SVN 12		

This border area is covered by AUT/SVN and HRV/SVN.

AUT / HRV / SVN