
Agreement

between the Administrations of Austria

Belgium, France, Germany, Luxembourg,

The Netherlands, and Switzerland

concerning the Co-ordination of frequencies

in the frequency bands 876-880MHz and

921-925 MHz

(for Railways)

1. Preamble

Within Austria, Belgium, France, Germany, Switzerland, Luxembourg and The Netherlands the frequency bands 876-880 MHz and 921-925 MHz are planned to be used for the railways and their ancillary services in conformity with the CEPT recommendation T/R 25-09 (Budapest 1995).

The provisions of this Agreement will form a common basis for complementary bilateral co-ordination agreements in which the compatibility with the existing mobile services must be taken into account.

The application of the provisions of this agreement by the signatory administrations does not imply any comment by these Administrations on the sovereignty of a country

Accordingly, the Administrations of Austria, Belgium, France, Germany, Switzerland, Luxembourg and The Netherlands agree on the following procedures.

2. Co-ordination procedures

The co-ordination procedures laid down in the main text and annexes of the current version of the Vienna Agreement shall be applied.

The co-ordination procedures shall be based on the concept of preferential frequencies (see Article 4 of the current version of the Vienna Agreement). The frequency bands 876-880 MHz and 921-925 MHz shall be split into preferential frequencies which shall be assigned equally between countries involved.

2.1. Technical Characteristics

2.1.1. Preferential frequencies:

For a preferential frequency the field strength should not exceed the trigger value of 19 dB μ V/m at 3 m above ground at the 15 km line inside the other country.

2.1.2. Non-preferential frequencies:

For a non-preferential frequency the field strength should not exceed the trigger value of 19 dB μ V/m at 3 m above ground at the borderline of the other country.

2.2. Division into preferential frequencies

The division into preferential frequencies will be in accordance with Annex 1.

3. **Review**

Each Administration may request a review of this Agreement. Any part of this Agreement may be revised in the light of future developments and experience in the operation of the networks covered by the Agreement.

4. **Withdrawal**

Each country may withdraw from the Agreement subject to giving notice six months prior to the date of withdrawal.

5. **Language**

This Agreement exists in the French and English language, each being equally authoritative.

The English original of this Agreement will be laid down in the Belgian Institute for Postal services and Telecommunications in Brussels and the French original will be laid down in the Agence Nationale des Fréquences in Maisons-Alfort.

6. **Date of entry into force**

This agreement will enter into force on 1st of July 1999.

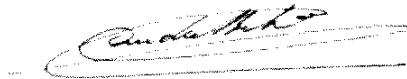
Done at Vienna, 25th of June 1999

For AUSTRIA



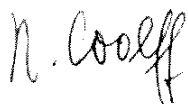
G. Lettner

For BELGIUM




I. Vander Beken

For GERMANY



H. Wolff

For FRANCE

J. 09. 2003


M. Monnot

For THE NETHERLANDS




G. van der Schoot

For LUXEMBOURG



R. Thurmes

For SWITZERLAND



K. Vonlanthen

Annex 1
 Preferential division of the frequency band
 876 - 880 / 921 - 925 MHz

Center freq.	Block nr	BEL - F - LUX	D - F - LUX	BEL - D - LUX	BEL - D - HOL	BEL - HOL	BEL - F - D - F	D - F - SUI	F - SUI	AUT - D - SUI	AUT - SUI	AUT - D - SUI	duplex freq.
876.2000	1	Common	Common	Common	Common	Common	Common	Common	Common	Common	Common	Common	921.2000
876.4000	2	F	F	BEL	HOL	HOL	F	F	F	AUT	AUT	AUT	921.4000
876.6000	3	LUX	LUX	BEL	BEL	BEL	D	SUI	SUI	D	SUI	SUI	921.6000
876.8000	4	F	LUX	LUX	HOL	HOL	F	F	F	AUT	AUT	AUT	921.8000
877.0000	5	BEL	F	BEL	BEL	BEL	D	SUI	SUI	D	SUI	SUI	922.0000
877.2000	6	F	F	D	HOL	HOL	F	F	F	AUT	AUT	AUT	922.2000
877.4000	7	F	F	LUX	HOL	HOL	F	F	F	AUT	AUT	AUT	922.4000
877.6000	8	BEL	F	BEL	BEL	BEL	D	SUI	SUI	D	SUI	SUI	922.6000
877.8000	9	F	D	D	HOL	HOL	D	D	F	D	D	AUT	922.8000
878.0000	10	LUX	LUX	LUX	HOL	HOL	F	F	F	AUT	AUT	AUT	923.0000
878.2000	11	BEL	LUX	BEL	HOL	BEL	F	SUI	SUI	AUT	SUI	SUI	923.2000
878.4000	12	LUX	D	D	D	HOL	F	D	F	D	D	AUT	923.4000
878.6000	13	LUX	LUX	LUX	D	BEL	BEL	D	SUI	D	D	SUI	923.6000
878.8000	14	BEL	D	BEL	HOL	BEL	F	SUI	SUI	AUT	SUI	SUI	923.8000
879.0000	15	LUX	D	D	HOL	F	D	D	F	D	D	AUT	924.0000
879.2000	16	LUX	LUX	LUX	D	BEL	BEL	D	SUI	D	D	SUI	924.2000
879.4000	17	BEL	LUX	BEL	HOL	BEL	F	SUI	SUI	AUT	SUI	SUI	924.4000
879.6000	18	BEL	D	D	D	BEL	BEL	D	SUI	D	D	SUI	924.6000
879.8000	19	F	D	D	HOL	HOL	F	F	F	AUT	AUT	AUT	924.8000
880.0000	20	Common	Common	Common	Common	Common	Common	Common	Common	Common	Common	Common	925.0000

Use of common channels:

Channel 1 may also be used for Direct Mode Operation channels (12.5 MHz)
 Channel 20 may be considered as guardchannel to other services in adjacent bands