Memorandum of Understanding between the Administrations of Belgium, Germany, France, Ireland, Luxembourg, The Netherlands, Switzerland, and The United Kingdom concerning Co-ordination of frequencies in the frequency bands 380-385 MHz and 390-395 MHz

1. Preamble

Within Belgium, Germany, France, Switzerland, Ireland, Luxembourg, The Netherlands, and The United Kingdom, the frequency bands 380-385 MHz and 390-395 MHz are planned to be used on a common basis for the Police, Security, Emergency and Customs services. In some countries the band will continue to be used by military systems.

The application of the provisions of this Memorandum of Understanding (MoU) by the signatory administrations does not imply any comment by these Administrations on the sovereignty of a country.

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

2. Co-ordination procedures

The Co-ordination procedures laid down in the main text and annexes of the Vienna Agreement (1993) are applicable.

The Co-ordination procedures shall be based on the concept of preferential frequencies (see Article 4 of the Vienna Agreement (1993)). The frequency bands 380-385 MHz and 390-395 MHz shall be split into groups of 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 18 dBμV/m at 10m above ground at all points at or exceeding 50 km 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 18 dBμV/m at 10m above ground at all points on the border and territory of the other country.

2.1.3. Coastal areas[1]:

For a preferential frequency the field strength should not exceed the trigger value of 18 dBμV/m at 10m above ground at all points at or exceeding 20 km inside the other country.

[1] Applicable only to co-ordination between the United Kingdom and neighbouring administrations.

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For a non-preferential frequency the field strength should not exceed the trigger value of 18 dBμV/m at 10m above ground at all points of the coast or the territory of the other country.

2.1.4 mountainous areas[2]

This section will be subject to bilateral agreements between the countries concerned.

2.2. Common frequencies

Frequencies which may be shared, without prior co-ordination on the basis of bi-lateral or multi-lateral agreements under the terms laid down therein.

2.3 Division into preferential frequencies

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

3. Co-ordination in the Channel Tunnel

In the Channel Tunnel special arrangements shall apply as agreed between the administrations of France and the United Kingdom.

4. Review

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

In the case of a revision of the Vienna agreement this MoU shall be reconsidered.

5. Withdrawal.

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

6. Language

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

The English original of this MoU will be laid down with the United Kingdom Radiocommunications Agency at London and the French original will be laid down with the Agence Nationale des Fréquences in Maisons-Alfort.

[2] Applicable to border regions of Switzerland with France and Germany.

7. **Date of entry into force**

This MoU will enter into force on 26 september 1997.

Done at Brussels on 26 september,

For BELGIUM

G. Ducheyne

For GERMANY

H. Wolff

For FRANCE

M. Monnot

For IRELAND

For LUXEMBOURG

E. Wangen

For THE NETHERLANDS

G. van der Schoot

For THE UNITED KINGDOM

P. Strachan

For SWITZERLAND

Annex 1: Division of 380-385 MHz and 390-395 MHz into preferred sub bands.

Table 1

			REGIONAL PLAN											
Block	Centre frequency (MHz)		A	B	C	D	E	F	G	H	N	O	P	Q
Ref.	F1-(base rx)	F2-(base tx)	(4)	(3)	(2)	(2)	(2)	(2)	(3)	(2)	(2)	(3)	(3)	(2)
			BEL D F LUX	BEL D HOL	D HOL	BEL HOL	BEL F	D F	D F SUI	F SUI	F G	BEL F G	BEL G HOL	G IRL
1	380.0250	390.0250	C	C	C	C	C	C	C	C	C	C	C	C
2	380.0750	390.0750	C	C	C	C	C	C	C	C	C	C	C	C
3	380.1250	390.1250	C	C	C	C	C	C	C	C	C	C	C	C
4	380.1750	390.1750	C	D	C	C	C	C	SUI	C	C	F	HOL	C
5	380.2250	390.2250	F	HOL	HOL	HOL	F	F	F	F	F	F	HOL	IRL
6	380.2750	390.2750	D	D	D	HOL	F	D	D	SUI	F	F	HOL	IRL
7	380.3250	390.3250	BEL	BEL	D	BEL	BEL	D	SUI	SUI	G	BEL	BEL	G
8	380.3750	390.3750	LUX	HOL	HOL	BEL	BEL	F	F	F	G	G	G	G
9	380.4250	390.4250	F	HOL	HOL	HOL	F	F	F	F	F	F	HOL	IRL
10	380.4750	390.4750	D	D	D	HOL	F	D	D	SUI	F	G	G	IRL
11	380.5250	390.5250	BEL	BEL	D	BEL	BEL	F	SUI	SUI	G	BEL	BEL	G
12	380.5750	390.5750	LUX	BEL	HOL	BEL	BEL	D	D	F	G	G	G	G
13	380.6250	390.6250	F	HOL	HOL	HOL	F	F	F	F	F	F	HOL	IRL
14	380.6750	390.6750	D	D	D	BEL	BEL	D	D	F	F	BEL	BEL	IRL
15	380.7250	390.7250	BEL	BEL	HOL	BEL	BEL	D	SUI	SUI	G	BEL	BEL	G
16	380.7750	390.7750	LUX	D	D	BEL	BEL	F	SUI	SUI	G	G	G	G
17	380.8250	390.8250	F	HOL	HOL	HOL	F	F	F	F	F	F	HOL	IRL
18	380.8750	390.8750	D	D	D	HOL	F	D	D	SUI	F	F	HOL	IRL
19	380.9250	390.9250	BEL	BEL	D	BEL	BEL	D	SUI	SUI	G	BEL	BEL	G
20	380.9750	390.9750	LUX	HOL	HOL	BEL	BEL	F	F	F	G	G	G	G
21	381.0250	391.0250	F	HOL	HOL	HOL	F	F	F	F	F	F	HOL	IRL
22	381.0750	391.0750	D	D	D	HOL	F	D	D	SUI	F	G	G	IRL
23	381.1250	391.1250	BEL	BEL	D	BEL	BEL	F	SUI	SUI	G	BEL	BEL	G
24	381.1750	391.1750	LUX	BEL	HOL	BEL	BEL	D	D	F	G	G	G	G
25	381.2250	391.2250	F	HOL	HOL	HOL	F	F	F	F	F	F	HOL	IRL
26	381.2750	391.2750	D	D	D	HOL	F	D	D	F	F	F	HOL	IRL

			REGIONAL PLAN											
Block	Centre frequency (MHz)		A	B	C	D	E	F	G	H	N	O	P	Q
Ref.	F1-(base rx)	F2-(base tx)	(4)	(3)	(2)	(2)	(2)	(2)	(3)	(2)	(2)	(3)	(3)	(2)
27	381.3250	391.3250	BEL	BEL	HOL	BEL	BEL	D	SUI	SUI	G	BEL	BEL	G
28	381.3750	391.3750	LUX	D	D	BEL	BEL	F	SUI	SUI	G	G	G	G
29	381.4250	391.4250	F	HOL	HOL	HOL	F	F	F	F	F	F	HOL	IRL
30	381.4750	391.4750	D	D	D	HOL	F	D	D	SUI	F	F	HOL	IRL
31	381.5250	391.5250	BEL	BEL	D	BEL	BEL	D	SUI	SUI	G	BEL	BEL	G
32	381.5750	391.5750	LUX	HOL	HOL	BEL	BEL	F	F	F	G	G	G	G
33	381.6250	391.6250	F	HOL	HOL	HOL	F	F	F	F	F	F	HOL	IRL
34	381.6750	391.6750	D	D	D	HOL	F	D	D	SUI	F	G	G	IRL
35	381.7250	391.7250	BEL	BEL	D	BEL	BEL	F	SUI	SUI	G	BEL	BEL	G
36	381.7750	391.7750	LUX	BEL	HOL	BEL	BEL	D	D	F	G	G	G	G
37	381.8250	391.8250	F	HOL	HOL	HOL	F	F	F	F	F	F	HOL	IRL
38	381.8750	391.8750	D	D	D	BEL	BEL	D	D	F	F	BEL	BEL	IRL
39	381.9250	391.9250	BEL	BEL	HOL	BEL	BEL	D	SUI	SUI	G	BEL	BEL	G
40	381.9750	391.9750	LUX	D	D	BEL	BEL	F	SUI	SUI	G	G	G	G
41	382.0250	392.0250	F	HOL	HOL	HOL	F	F	F	F	F	F	HOL	IRL
42	382.0750	392.0750	D	D	D	HOL	F	D	D	SUI	F	F	HOL	IRL
43	382.1250	392.1250	BEL	BEL	D	BEL	BEL	D	SUI	SUI	G	BEL	BEL	G
44	382.1750	392.1750	LUX	HOL	HOL	BEL	BEL	F	F	F	G	G	G	G
45	382.2250	392.2250	F	HOL	HOL	HOL	F	F	F	F	F	F	HOL	IRL
46	382.2750	392.2750	D	D	D	HOL	F	D	D	SUI	F	G	G	IRL
47	382.3250	392.3250	BEL	BEL	D	BEL	BEL	F	SUI	SUI	G	BEL	BEL	G
48	382.3750	392.3750	LUX	BEL	HOL	BEL	BEL	F	F	F	G	G	G	G
49	382.4250	392.4250	D	D	D	HOL	F	D	D	F	F	F	HOL	IRL
50	382.4750	392.4750	BEL	BEL	HOL	BEL	BEL	D	SUI	SUI	G	BEL	BEL	G
51	382.5250	392.5250	LUX	D	D	BEL	BEL	F	SUI	SUI	G	G	G	G
52	382.5750	392.5750	D	D	D	HOL	F	D	D	SUI	F	F	HOL	IRL
53	382.6250	392.6250	BEL	BEL	D	BEL	BEL	D	SUI	SUI	G	BEL	BEL	G
54	382.6750	392.6750	LUX	HOL	HOL	BEL	BEL	D	D	F	G	G	G	G
55	382.7250	392.7250	D	D	D	HOL	F	D	D	SUI	F	G	G	IRL
56	382.7750	392.7750	BEL	BEL	D	BEL	BEL	D	SUI	SUI	G	BEL	BEL	G
57	382.8250	392.8250	LUX	BEL	HOL	BEL	BEL	F	D	F	G	G	G	G
58	382.8750	392.8750	F	HOL	HOL	HOL	F	F	F	F	F	F	HOL	IRL
59	382.9250	392.9250	F	HOL	HOL	HOL	F	F	F	F	F	F	HOL	IRL
60	382.9750	392.9750	F	HOL	HOL	HOL	F	F	F	F	F	F	HOL	IRL

			REGIONAL PLAN											
Block	Centre frequency (MHz)		A	B	C	D	E	F	G	H	N	O	P	Q
Ref.	F1-(base rx)	F2-(base tx)	(4)	(3)	(2)	(2)	(2)	(2)	(3)	(2)	(2)	(3)	(3)	(2)
61	383.0250	393.0250	F	HOL	HOL	HOL	F	F	F	F	F	F	HOL	IRL
62	383.0750	393.0750	F	HOL	HOL	HOL	F	F	F	F	F	F	HOL	IRL
63	383.1250	393.1250	F	HOL	HOL	HOL	F	F	F	F	F	F	HOL	IRL
64	383.1750	393.1750	F	HOL	HOL	HOL	F	F	F	F	F	F	HOL	IRL
65	383.2250	393.2250	F	HOL	HOL	HOL	F	F	F	F	F	F	HOL	IRL
66	383.2750	393.2750	F	HOL	HOL	HOL	F	F	F	F	F	F	HOL	IRL
67	383.3250	393.3250	F	HOL	HOL	HOL	F	F	F	F	F	F	HOL	IRL
68	383.3750	393.3750	F	HOL	HOL	HOL	F	F	F	F	F	F	HOL	IRL
69	383.4250	393.4250	F	HOL	HOL	HOL	F	F	F	F	F	F	HOL	IRL
70	383.4750	393.4750	LUX	HOL	HOL	HOL	F	F	F	F	F	F	HOL	IRL
71	383.5250	393.5250	LUX	HOL	HOL	HOL	F	F	F	F	F	F	HOL	IRL
72	383.5750	393.5750	LUX	HOL	HOL	HOL	F	F	F	F	F	F	HOL	IRL
73	383.6250	393.6250	LUX	D	D	HOL	F	D	D	F	F	G	G	IRL
74	383.6750	393.6750	LUX	D	D	HOL	F	D	D	F	F	G	G	IRL
75	383.7250	393.7250	LUX	D	D	HOL	F	D	D	F	F	G	G	IRL
76	383.7750	393.7750	D	D	D	HOL	F	D	D	F	G	G	G	G
77	383.8250	393.8250	D	D	D	HOL	F	D	D	F	G	G	G	G
78	383.8750	393.8750	D	D	D	HOL	F	D	D	F	G	G	G	G
79	383.9250	393.9250	BEL	BEL	HOL	BEL	BEL	D	SUI	SUI	G	BEL	BEL	G
80	383.9750	393.9750	BEL	BEL	HOL	BEL	BEL	D	SUI	SUI	G	BEL	BEL	G
81	384.0250	394.0250	BEL	BEL	HOL	BEL	BEL	D	SUI	SUI	G	BEL	BEL	G
82	384.0750	394.0750	BEL	BEL	D	BEL	BEL	D	SUI	SUI	G	BEL	BEL	G
83	384.1250	394.1250	BEL	BEL	D	BEL	BEL	D	SUI	SUI	G	BEL	BEL	G
84	384.1750	394.1750	BEL	BEL	D	BEL	BEL	D	SUI	SUI	G	BEL	BEL	G
85	384.2250	394.2250	BEL	BEL	D	BEL	BEL	F	SUI	SUI	G	BEL	BEL	G
86	384.2750	394.2750	BEL	BEL	D	BEL	BEL	F	SUI	SUI	G	BEL	BEL	G
87	384.3250	394.3250	BEL	BEL	D	BEL	BEL	F	SUI	SUI	G	BEL	BEL	G
88	384.3750	394.3750	D	D	D	BEL	BEL	D	D	SUI	G	G	G	G
89	384.4250	394.4250	D	D	D	BEL	BEL	D	D	SUI	G	G	G	G
90	384.4750	394.4750	D	D	D	BEL	BEL	D	D	SUI	G	G	G	G
91	384.5250	394.5250	D	D	D	BEL	BEL	D	D	SUI	G	G	G	G
92	384.5750	394.5750	D	D	D	BEL	BEL	D	D	SUI	G	G	G	G
93	384.6250	394.6250	D	D	D	BEL	BEL	D	D	SUI	G	G	G	G
94	384.6750	394.6750	LUX	BEL	HOL	BEL	BEL	F	SUI	SUI	F	BEL	BEL	IRL

			REGIONAL PLAN											
Block	Centre frequency (MHz)		A	B	C	D	E	F	G	H	N	O	P	Q
Ref.	F1-(base rx)	F2-(base tx)	(4)	(3)	(2)	(2)	(2)	(2)	(3)	(2)	(2)	(3)	(3)	(2)
95	384.7250	394.7250	LUX	BEL	HOL	BEL	BEL	F	SUI	SUI	F	BEL	BEL	IRL
96	384.7750	394.7750	LUX	BEL	HOL	BEL	BEL	F	SUI	SUI	F	BEL	BEL	IRL
97	384.8250	394.8250	C	C	C	C	C	C	C	C	C	C	C	C
98	384.8750	394.8750	C	C	C	C	C	C	C	C	C	C	C	C
99	384.9250	394.9250	C	C	C	C	C	C	C	C	C	C	C	C
100	384.9750	394.9750	C	C	C	C	C	C	C	C	C	C	C	C

Key to table 1

column 1: denotes a 50 kHz frequency block reference number
column 2 & 3: denotes the centre frequency of a 50 kHz block in the lower and upper sub band respectively
column 3-14: denotes the Administration holding preferential rights to a frequency block within a specific co-ordination area.

- The column header defines areas where co-ordination is required between two or more administrations. These are:

A areas between Belgium, France, Germany and Luxemburg
B areas between Belgium, Germany and The Netherlands
C areas between Germany and The Netherlands
D areas between Belgium and The Netherlands
E areas between Belgium and France
F areas between France and Germany
G areas between France, Germany and Switzerland
H areas between France and Switzerland
N areas between France and The United Kingdom
O areas between Belgium, France and The United Kingdom
P areas between Belgium, The Netherlands and The United Kingdom
Q areas between The Republic of Ireland and The United Kingdom

- The administration holding preferential rights to a frequency block is defined in the body of the table. These are:

BEL	Belgium
D	Germany
F	France
G	The United Kingdom
HOL	The Netherlands
IRM	The Republic of Ireland
LUX	Luxembourg
SUI	Switzerland