

EU

*

			2000 12
EU 가	EU 가	2000 1	EU

EU	EU
1. EU	1.
2.	2.

(Number Portability) , 가

3가 . 가

(Location Port-

ability) ,

(Operator Portability), ,가

(Service Portability)

: * . (02) 570 - 4357, kimjk@kisdi.re.kr

가 , 가

가 가 가

가 가 1990

EU , 가

2000 12 가

, 2001 1 (080)

2 2003

Query on Release(QoR) 1)

2000 EU . EU

가 ,

가

가 가

1) 가 가

DB(NPDB)
 (, 『
 』, (KISDI), 2000. 12. 18)

가 . , 가 .

EU

. EU

1. EU

EU “ 가 ” ,

EU Directive 25 .²⁾ , EU

Directive

. EU Directive

25 : , ,

1. EU

(a) (geographic numbers)³⁾

(b)

3. 가

4. 가

가

EU (Significant Market Power: SMP)

2) Commission of the European Communities, *Proposal for a Directive of the European Parliament and of the Council on Universal Service and Users Rights Relating to Electronic Communications Networks and Services*, COM(2000) 392, Brussels, 2000. 7. 12.

3) (geographic number): ,

가 .
 ,
 ,
 가 , 가 ,
 , 가
 EU 2000 1 1 . , 가
 가 .
 EU 3가 (< 1>).

< 1>

Local Geographic Number Portability ()	- 가 가 가 가 가
Non-Geographic Number Portability ()	- (,) 가 가
Mobile Number Portability ()	- 가 가 가 가 - 가 .

EU ,
 , 가 ,
 , 가

2

가.

4) 1996 , 1997

1,000 . 1996 100 가 , 1997 9
 1 1999 50 가 가 , 1999
 , 가 . 가
 가

OFTEL (Office of Telecommunications) ,

OFTEL 가 BT 5)
 가

OFTEL
 , 50) 가 , (, OFTEL

6)

4) Geographic Number Portability , Non-Geographic Number Portability , Mobile Number Portability

5) OFTEL, Numbering Directive: Number Portability Requirements, 2000. 1.

6) OFTEL

가

, 1999 7 ISDN

, 1999 12 onward-routing (600

)

가 가 가

가

가

2000 6

가 가

740 1340 SEK , 가 0.11 SEK,

0.05 SEK

2001 9

가 DB 가

가 가 가

DB 가 2001 9

1999 10 15

ISDN

DB

2000 5 31

36 3

7)

2001 1 1

2000 10 2

(Ministry of Research and Information Technology)

2001 7 1 ,

2002 4 1

가

2001 1 1

(, , -)

가

(Telecommunications Administration Centre: TAC) 1999 2

24

8)

1997 4 30

(Telecommunications Market Act, 396/1997) 1997 12 22

(1393/1997)

3가

가

7) Telestyrelsen, *Executive Order on Full Number Portability*, Executive Order No. 1044, 2000. 11. 24.

8) TAC(Telecommunications Administration Centre), *Regulation on Telephone Number Portability*, Helsinki, 1999. 2. 24.

() ,
 () ,
 () .
 2가 ,
 , 071
 , 7 (NXX-XXXX, N: 2-8, X: 0-9)⁹⁾
 , 071
 10 (071-NXX-XXXX) .
 가 10 (Personal Number :
 PN) 가 ,
 .
 TAC ,
 < 2> .

< 2>

(: FIM)

1 9	100
10 1,000	300
1,000	1,000

: TAC

1997 6 1 ,
 1998 9 30 . ,
 2000 1 1 1,500 ,
 , 20 가

9) N 2~9 , 0XX
 9XX N 2~8

2000 1 1

가

TAC가

TAC

1)

가

2000 1

2000

가

가

Belgacom

Belgacom

Belgacom

Belgacom

가 (slamming)

2)

(Telecommunications Act) 6 43 「 」

5 .10)

10) Telecommunications Act of Germany, Part . Numbering, §43 Numbering, 1996. 7. 25.

가

2002 1 31

3)

Directive

2

4)

EU Directive 2000 12 1

2000 2

CMT (Comisi3n del Mercado de las Telecomunicaciones)

1998 11

, 1999 5 CMT

1999 10 2000 1 1

2000 7

5)

3가

< 3>

2000 10

가

,11)

< 3 >

	01, 02, 03, 04, 05
	08
	06

, EU 2000 1 1
 가 . 가
 France Telecom
 .
 EU Directive 2000 1
 1 , ART (Autorité
 de Régulation des Télécommunications)
 가 . ,
 EU
 ART , 2001
 가 ,
 가 .
 6)
 2000 1 1 . , 2000
 7 1 Eircom . 2000 11
 30 .
 , 가
 가 , (Of-
 fice of the Director of Telecommunications Regulation: ODTR) 가
 .
 7)
 2000 1 ,

11) Autorité de Régulation des Télécommunications(ART), "ART Launches a Public Consultation on the Use of Telephone Number Portability," *ART Press Release*, 2000. 10. 13.

가 1 1,100 가 ,

가 2001 6 1 가 .

가 , 4

3

8) 1999 4 , 가 .

FIST

OPTA

EU

9) EU가 2000 1 1

2000 3 27 2

, 2000 5 9

10) EU가 2002 1 1

2000 2

(Despacho) 12809/2000 2001 7 ,

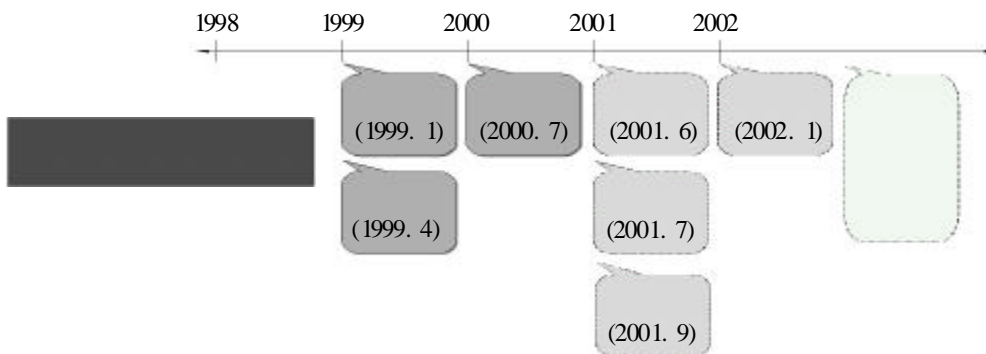
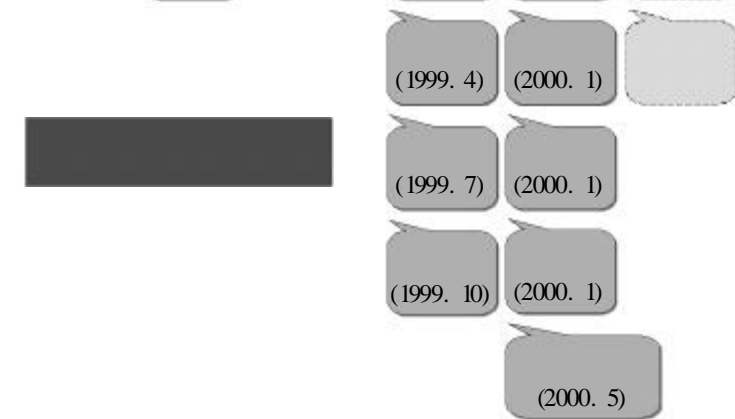
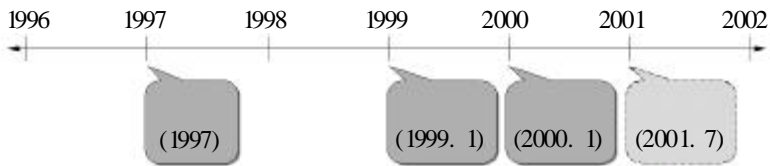
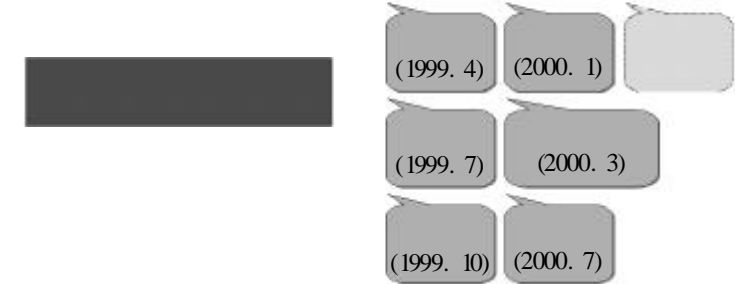
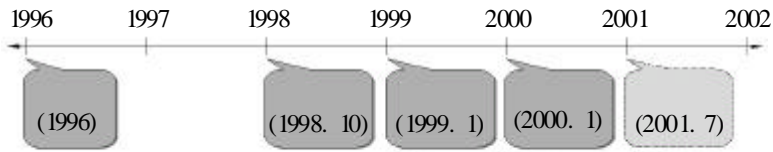
2002 1 DB(NPDB) Portugal Telecom

가 ICP

. EU

EU

[1] EU



TV
 가 , Mercury 3 TV BT, Mercury BT
 가 가 가 가 가 가
 BT C&W 가
 1997
 rective 2000 1 가 가 가 , 가 EU Di-
 (1-800) 1993
 1997 .13)
 1996 ,
 가 ,
 가 ,
 EU

13) , 『 (KISDI), 2001. 1. 』,

. EU . 가
 , 가
 .
 EU가 ,
 가 . , 가 3
 UMTS(Universal Mobile Telephone Service)¹⁴⁾ 가가 2000
 3
 .
 2002 4
 (Fixed-Mobile Number Portability) 가
 . 가 . ,
 . 가가
 , 가 가
 .
 가가
 .
 2
 가.
 EU < 5>
 .
 ITU-T 47가 .¹⁵⁾

14) 3 , IMT-2000

15) , ITU-T, *The International Public Telecommunication Numbering Plan Supplement 2: Number Portability*, ITU-T Recommendation E. 164 Supplement 2, ITU. 1998. 3

< 5> EU

- (CDB)	-
- (RCF)	- (-ACQ)
	- (ACQ)

: RCF: Remote Call Forwarding(=On-ward Routing)
 CDB: Call Drop Back
 ACQ: All Call Query

Remote Call Forwarding (On-ward Routing) Call Drop Back
 , Query on Release All Call Query

EU , 가 가 가

가 가 All Call Query ACQ

2003 20% 2004 1 6
 .16) 2003
 가
 1998 762
 2006 2004 2 2003
 496
 20.2%

16) , 『 , 『 , 2001. 3. 6.

. EU DB 가 DB(NPDB)
 DB , 가 DB
 3 .
 , 가
 OFTEL Directive , 가
 50 .
 가
 , , 740 1340 SEK
 , 가 0.11 SEK, 0.05
 SEK ,
 가 ,
 가가 .
 .
 , 가 EU Directive .
 , EU EU Directive

TV

, EU

가
(Fixed-Mobile Number Portability) 2002 4

EU

(PN)

가

3가

가

EU

2가

가

가

가

가

가

가

가

가

가

EU

-
- [1] , 「 (Number Portability) 」, 『 』, 9 3 180 , 1997. 2. 17., pp.31 48.
- [2] . . . , 『 』, (KISDI), 2001. 1.
- [3] , 『 가 』, (KISDI), 00-23, 2000. 12.
- [4] TFT, 『 () - - 』, 2000. 6. 16.
- [5] , 「 2003 - . 080 」, 『 』, , 2000. 12. 29.
- [6] , 『 』, (KISDI), 2000. 12. 18.
- [7] , 「 」, 『 』, 2001. 3. 6.
- [8] Autorité de Régulation des Télécommunications(ART), *National Numbering Plan Management Rules*, 1999. 1. 5.
- [9] Autorité de Régulation des Télécommunications(ART), “ART Launches a Public Consultation on the Use of Telephone Number Portability,” *ART Press Release*, 2000. 10. 13.
- [10] Commission of the European Communities, *Communication from the Commission to the Council, the European Parliament, the Economic and Social Committee and the Committee of the Regions: Sixth Report on the Implementation of the Telecommunications Regulatory Package*, COM(2000) 814, Brussels, 2000. 12. 7.
- [11] Commission of the European Communities, *Proposal for a Directive of the European Parliament and of the Council on Universal Service and Users Rights Relating to Electronic Communications Networks and Services*, COM(2000) 392, Brussels, 2000. 7. 12.
- [12] International Telecommunication Union-Telecom Standardization (ITU-T), *The International Public Telecommunication Numbering Plan Supplement 2: Number Portability*, ITU-T Recommendation E. 164 Supplement 2, ITU. 1998. 3.

- [13] OFTEL, *Numbering Directive: Number Portability Requirements*, 2000. 1.
- [14] Telecommunications Act of Germany, 1996. 7. 25.
- [15] Telecommunications Administration Centre(TAC), *Regulation on Telephone Number Portability*, Helsinki, 1999. 2. 24.
- [16] Telestyrelsen, *Executive Order on Full Number Portability*, Executive Order No. 1044, 2000. 11. 24.