



Office of the Director of
**Telecommunications
Regulation**

IRISH MOBILE AND PERSONAL COMMUNICATIONS NUMBERING PLAN

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Irish Mobile and Personal Communications Numbering Plan

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1. About this Document

This document describes the allocation of subscriber number resources for mobile and personal communications. It also describes plans for changes to the structure of the current scheme for mobile and personal numbers. This plan is a supplement to the national numbering scheme¹ and replaces document T&RT/97/10 (Issue 4).

Mobile and personal telephony numbers may not be allocated or used other than in accordance with this plan.

The term customer as used in this document refers to any individual or group who has a valid contract with either Eircell or Digifone for the supply of mobile telephone service. It also applies to customers of other mobile service providers when roaming onto the networks of either Eircell or Digifone. A "new" customer is one who is subscribing to the service for the first time, a customer taking out an additional subscription, or one who has not had a valid service contract in the previous twelve months.

2. Single Numbering Space

A single numbering space was created for mobile communications in 1995 (the MPNS). This provides that the same subscriber number will not be allocated to more than one network, even though different access codes are used. The purpose is to enable subscriber number portability between the mobile telephone networks.

A temporary allocation of numbering resource has been made available for a trial of Personal Numbering and this has also been included in the single numbering space.

3. Allocation of MPNS Numbers

Individual numbers are allocated to provide service to each customer. With the exception of changes to numbers required as part of the ongoing management of the numbering resource, or for specific technical reasons, they should remain allocated to a customer while that customer maintains the relevant contract for mobile telephone service, and also for 12 months after the termination of such contract.

Primary allocations of MPNS numbers are made by the Director to operators from time to time as required. These primary allocations are of blocks of numbers from which Eircell and Digifone make *secondary* allocations of individual numbers to customers. Operators may only make secondary allocations to customers from the blocks which have been specifically allocated to them for that purpose.

All MPNS allocations are required to conform with the national numbering scheme. Primary allocations for mobile telephony are usually made in blocks of 100,000 numbers.

¹Irish Telephony Numbering Scheme, status report and audit. Doc No ODTR/97/15

4. Numbering Scheme Changes

While changes to the numbering scheme are minimised, the liberalisation of telecommunications and the development of new services will create new demands on the numbering resource. The numbering scheme will be required to change to meet these requirements. Increasing harmonisation - throughout Europe in particular - will also bring demands for changes to the numbering scheme. For these reasons, all numbering allocations are subject to change or recovery.

5. Subscriber Number Length

The MPNS is being converted from being a six-digit to a seven-digit numbering space. From 1st October 1996 all new subscriber numbers are assigned from the seven-digit ranges. Existing six-digit subscriber numbers will transfer to the seven digit ranges before 1st September 1998. Service will continue to existing six-digit numbers until then, but all subscribers changing access code will be encouraged to transfer to the seven-digit number length.

6. Access Codes

The current allocation of access codes for mobile and personal communications are as indicated in Table 1 below:

Access Code	Network
081 ²	Personal
086	Esat Digifone
087	Eircell GSM
088	Eircell Analogue

Table 1. Allocation of Access Codes for Mobile Networks.

7. Scheme of MPNS Allocations

The current Scheme of MPNS allocations are specified in tabular form in annex 1. This table also specifies planned changes to the numbering space.

8. Portability and Multiple Allocation

The MPNS has been created as a single numbering space primarily to provide for subscriber number portability, however it also permits use of a single MPNS number simultaneously on more than one network by a single customer. It is the responsibility of Eircell and Esat Digifone to ensure that each MPNS number is allocated to only one customer. Customers who use their MPNS number on more than one network should be informed that (i) number portability will be

² Access code 081 is a temporary allocation, valid until 1st May 1998.

restricted as a result, and (ii) in the event of a single mobile access code being implemented, only one of the terminals will be able to retain the number, all others will be required to change.

The status of each allocated MPNS block in relation to number portability is specified in tabular form in Annex 2.

9. Unusable Numbers

For technical reasons it is not possible to use certain MPNS numbers on the TACS network. These numbers exist in all of the allocated blocks. To provide number portability between the three networks, these numbers should not be allocated to customers on the GSM networks.

10. Customer Information

It is the responsibility of Eircell and Digifone to ensure that adequate information relating to the MPNS allocations, including the transition from six-digit to seven-digit numbering is communicated to their customers. Although the deadline for completion of the six-digit to seven-digit transfer is 1st September 1998, customers should be encouraged to transfer before then.

Annex 1

MPNS Allocations

Mobile and Personal Numbering Space Allocations		
Number Range	Allocation	Comment
1XX...	Reserved for Short-Codes	
21X XXXX	Eircell, New TACS Customers ³	
22X XXXX	Eircell, New GSM Customers ⁴	
23X XXXX	Eircell, New GSM Customers ⁴	
24X XXXX	GSM, Six-Digit Transfers	Originally Eircell GSM six-digit range 4X XXXX.
25X XXXX	Mixed, Six-Digit Transfers	Originally Eircell TACS six-digit range 5X XXXX.
26X XXXX	Mixed Six-Digit Transfers	Originally Eircell TACS six-digit range 5X XXXX.
27X XXXX	Eircell, New TACS Customers ³	
28X XXXX	Eircell, New GSM Customers ⁴	
29X XXXX	Spare	
201 XXXX	Eircell GSM Fax	
202... to 207..	Spare	
208 XXXX	Eircell GSM Data	
209 XXXX	Spare	
200 XXXX	Eircell GSM Roaming	
31X XXXX	Paired with 21X XXXX for Voice Mail Access	
32X XXXX	Paired with 22X XXXX for Voice Mail Access	
33X XXXX	Paired with 23X XXXX for Voice Mail Access	
34X XXXX	Paired with 24X XXXX for Voice Mail Access	
35X XXXX	Paired with 25X XXXX for Voice Mail Access	

³ Numbers in these ranges may only be allocated by Eircell, to new TACS customers.

⁴ Numbers in these ranges may only be allocated by Eircell, to new GSM customers.

Annex 1

MPNS Allocations

36X XXXX	Paired with 26X XXXX for Voice Mail Access	
37X XXXX	Paired with 27X XXXX for Voice Mail Access	
38X XXXX	Paired with 28X XXXX for Voice Mail Access	
39..X & 30 ..X	Spare	
4XX XXXX	In Transition	4X XXXX are currently in use as a six-digit numbering range. These numbers will transfer to seven-digits by prefixing with "2", by 1/9/98
5XX XXXX	In Transition	5X XXXX are currently in use as a six-digit numbering range. These numbers will transfer to seven-digits by prefixing with "2", by 1/9/98
6XX XXXX	In Transition	6X XXXX are currently in use as a six-digit numbering range. These numbers will transfer to seven-digits by prefixing with "2", by 1/9/98
7XX XXXX	Personal Numbering Trial In Transition	The Personal Numbering allocation is temporary, valid until 1/5/98 74X.. 75X .. & 76X .. are currently used to provide access to mailbox's for GSM customers. This will transfer to level 3 by 1/9/98.
81X XXXX	Esat Digifone New Customers	
82X XXXX	Esat Digifone New Customers	
83X XXXX.	Spare	
84X XXXX	Spare	
85X XXXX	In Transition	85X XXXX are currently in use to provide access to mailboxes for TACS subscribers. These numbers will be replaced by numbers in level 3.... This transfer will be completed by 1/9/1998.
86X XXXX	In Transition	86X XXXX are currently in use to provide access to mailboxes for TACS subscribers. These numbers will be replaced by numbers in level 3.... This transfer will be completed by 1/9/1998.
87X.. to 89X..	Spare	
801 XXXX	Esat Digifone Fax	
802... to 807..	Spare	
808 XXXX	Esat Digifone Data	

Annex 1**MPNS Allocations**

809 XXXX	Reserved	
800 XXXX	Esat Digifone Roaming	
91X XXXX	Paired with 81X XXXX for Voice Mail Access	
92X XXXX	Paired with 92X XXXX for Voice Mail Access	
93X.. to 98X	Spare	
99X	Reserved, Emergency	
99X XXXX	Spare	

Annex 2**MPNS Portability**

21X XXXX to 28X XXXX, 81X XXXX, 82X XXXX.	Numbers within these ranges are portable between the three networks
4X XXXX.	Numbers within this range are portable between the Digifone GSM (086) and Eircell GSM (087) networks, networks for the duration of the transition to seven-digit numbers, but may not be used on the analogue (088) network.
5X XXXX, & 6X XXXX.	These numbers are portable between the three networks for the duration of the transition to seven-digit numbers.
201 XXXX, 208 XXXX, 801 XXXX, 808 XXXX.	These numbers are allocated to the GSM networks for fax and data. They may be ported under the same conditions that apply to subscriber numbers.
31X XXXX to 37X XXXX, 91X XXXX, 92X XXXX.	All these numbers are paired with MPNS subscriber numbers in levels 2 and 8 respectively. They remain paired with the subscriber number after porting and may be ported in accordance with the conditions which apply to the relevant subscriber number.