



Office of the Director of
**Telecommunications
Regulation**

Introducing Carrier Pre-Selection in Ireland
Switching and Routing Requirements for Local Calls

Consultation paper

Document No. ODTR 99/58

8th October, 1999

Oifig an Stiúirthóra Rialála Teileachumarsáide
Office of the Director of Telecommunications Regulation
Abbey Court, Irish Life Centre, Lower Abbey Street, Dublin 1.
Telephone +353-1-804 9600 *Fax* +353-1-804 9680
Web: www.odtr.ie

CONTENTS

1. Introduction
2. Background
3. Alternative solutions to identify the local call area
 - 3.1 The full dialled number solution
 - 3.2.. The Calling Line Identification (CLI) solution
 - 3.3 The NDC Code insertion solution
 - 3.4 Preferred solutions
4. Submitting comments

1. Introduction

The Director published Decision Notice D2/99 on the “Introduction of Carrier Pre-Selection in Ireland” in May 1999. With regard to the implementation of Carrier Pre-Selection, an issue has arisen concerning the identification of the NDC (National Destination Code) area in the case of a pre-selected local call.

The Director is now undertaking this consultation, which sets out the alternative solutions to identify the NDC area and invites responses from interested parties on each solution.

The closing date for receipt of comments is Friday 22nd October 1999. Please see section 4 for details on submitting comments on this paper.

2. Background

Following the publication of a consultation document (ODTR 99/08) in March 1999 and the careful consideration of the responses received, the ODTR published Decision Notice D2/99 – “Introducing Carrier Pre-Selection in Ireland” in May 1999.

The carrier pre-selection scheme in the Decision Notice made provision for three options to be offered to the consumer from 1st January 2000:

- International calls only;
- National calls only;
- All calls.

With respect to switching and routing requirements, the Director, taking account of the responses received, decided that, inter alia,

“All calls subject to a CPS mechanism will be routed without alteration to the digit string dialled by the customer. Calling Line Identification (CLI) will also be passed through for billing purposes.”(page 13 of ODTR 98/08)

It subsequently emerged during implementation planning by the licensed operators that for “All Calls” CPS cases where the local number only was dialled and the call routed to an **Eircom-OLO** (Other Licensed Operator) interconnection point, further origin identification would be required. In particular, further information would be required where the interconnection between networks carried such calls from more than one NDC (National Destination Code) area.

Given that there is a statutory requirement to introduce Carrier Pre-Selection on 1 January 2000 and the Decision Notice D2/99 includes provision for “All Calls”, one or more acceptable solutions to facilitate origin identification are required.

In this consultation paper, the alternative solutions to identify the call origin, i.e., the local area defined by the NDC code, are set out.

3. Alternative Solutions to identify the local call area

Three alternative solutions were identified and discussed by the CPS Committee established under section 9.2 of the Decision Notice.

1. the caller dials “0”+NDC+local number, i.e., the full number;
2. the receiving operator analyses the CLI message to determine the NDC code;
3. the originating operator (Eircom) inserts the NDC code (or “0” + NDC Code).

3.1 The full dialled number solution

This solution requires the caller to dial the full number, i.e., “0” +NDC+local number instead of the local number only.

Item 3.1	In the event of a Decision in favour of this solution, you are invited to comment on the implementation work required in your network and the timescales.
----------	---

3.2 The Calling Line Identification (CLI) solution

This solution requires the CPS operator to analyse the CLI message to determine the NDC code for the local area.

Item 3.2	In the event of a Decision in favour of this solution, you are invited to comment on the implementation work required in your network and the timescales.
----------	---

3.3 The NDC Code Insertion Solution

This solution requires the originating operator (Eircom) to insert the NDC code or alternatively “0” + NDC code.

Item 3.3A	In the event of a Decision in favour of this solution, you are invited to comment on the implementation work required in your network and the timescales.
-----------	---

The ODTR understands that, for the NDC Code Insertion Solution, operators would have a preference for the insertion of “0” + NDC code rather than the NDC code only.

Item 3.3B	In the event of a Decision in favour of the NDC Code Insertion solution, you are invited to indicate your preference regarding the digits to be inserted and the supporting reasons.
-----------	--

3.4 Preferred solutions

Item 3.4	You are invited to indicate your first and second preferred solution giving reasons in support of your position.
----------	--

4. Submitting comments

The consultation period will run from 8th October to 22nd October 1999 during which the Director welcomes written comments on the issues raised in this paper. Having analysed and considered the comments received, it is the intention of the Director to issue a Decision Notice before the end of October. The ODTR will publish the names of all respondents and may summarise the responses received as part of its report on the consultation.

All comments are welcome, but it would make the task of analysing responses easier if comments were referenced to the relevant item numbers from this document. The ODTR will make copies of the comments available for public inspection at its offices.

All responses pursuant to this consultation should be clearly marked "Submission re Carrier Pre-Selection Consultation – ODTR 99/58 and sent by post, facsimile or e-mail to:

Peter Murphy
Office of the Director of Telecommunications Regulation
Irish Life Centre
Abbey Street
Dublin 1
Ireland

Ph: 01 804 9600 Fax: 01 804 9680 Email: murphyp@odtr.ie

To arrive on or before 17.00 on Friday, 22nd October, 1999

Apart from acknowledging responses, the Director regrets that she will be unable to enter into correspondence with persons contributing comments on this consultation paper.

Office of the Director of Telecommunications Regulation
8th October 1999

This consultation paper does not constitute legal, commercial or technical advice. The Director is not bound by it. The consultation is without prejudice to the legal position of the Director or her rights and duties under legislation.