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MANAGEMENT OF PARTIAL CALLING LINE IDENTITY

Issue 2

Network Interoperability Consultative Committee
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Normative Information

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0.1 History

Revision	Date of Issue	Updated By	Description
Issue 1	September 2000	BT	Approved by PNO-IG
Issue 2	November 2004	BT	To show change of responsibility for allocation and management to Ofcom

0.2 Issue Control

SECTION	ISSUE	DATE
All	Issue 1	September 2000
All	Issue 2	November 2004

0.3 References

/1/ PNO-ISC/SPEC/006 (Interconnect User Part(IUP)).
/2/ PNO-ISC/SPEC/007 (ISDN User Part (ISUP)).

0.4 Glossary of Terms

0.4.1 Abbreviations

ISUP	ISDN User Part
ISC	Interconnect Standards Committee
IUP	Interconnect User Part
NICC	Network Interoperability Consultative Committee
PCLI	Partial Calling Line Identity
PNO	Public Network Operators

1 Overview

1.1 General

This document specifies the management procedure for the allocation of Partial Calling Line Identities (PCLIs) used in the IUP and ISUP signalling information.

PCLIs are generally generated where analogue systems are connected to a digital network or in other situations where a full Calling Line Identity cannot be provided. This document does not concern itself with the reasons why PCLIs are generated but concentrates on the allocation and registration procedures.

2 FORMATS AND CODES

2.1 PCLI

The structure of the PCLI field is as shown in Figure 1. For a detailed description see /1/ and /2/.

	8	7	6	5	4	3	2	1
	TYPE OF SWITCH (BCD)							
1	D2 (units digit)				D1 (tens digit)			
	PNO IDENTITY (BCD)							
2	D2 (tens digit)				D1 (hundreds digit)			
	SWITCH NUMBER (BCD)				PNO IDENTITY (BCD)			
3	D1 (hundreds digit)				D3 (units digit)			
	SWITCH NUMBER (BCD)							
4	D3 (units digit)				D2 (tens digit)			
5	For bilateral agreement							
6	For bilateral agreement							
7	For bilateral agreement							
8	For bilateral agreement							
9	For bilateral agreement							

FIGURE 1
Partial Calling Line Identity parameter

3 Allocation And Registration Procedures

This section describes the allocation and registration of PCLIs to Public Network Operators.

3.1 Type of Switch

An Operator may allocate values in this field for its own use but it will initially be allocated 00 as a default.

3.2 PNO Identity

The allocation of codes within this field will be made by the central administration.

This field will be allocated a 3-digit number which will be a uniquely identify a PNO. Some Operators will

have more than one PNO Identity.

The PNO Identity will be included in a register of PNO Identities to enable Operators to be identified for administration purposes only e.g. malicious call identification. The address of the Operator may be obtained from Ofcom.

3.3 Switch Number

The allocation of codes within this field will be made by the central administration.

This field will be used to identify an individual switch.

4 REQUESTS FOR PCLIs

The allocation and administration of PCLIs is carried out by Ofcom as the central administration.

Requests for PCLIs should be e-mailed to the following e-mail address:
numbering.information@ofcom.org.uk