
PNO-ISC Service Description Number 003 Geographic Number Portability

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National foreword

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Summary of pages

This document comprises a front cover, an inside front cover, pages 1 to 22, an inside back cover and a back cover.

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PNO-ISC SERVICE DESCRIPTION NUMBER 003

GEOGRAPHIC NUMBER PORTABILITY

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0.2 Normative information

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0.4 History

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0.5 Issue control

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0.6 References

[1] "Outline Functional Specification for Number Portability", OFTEL, 11 February 1994, Draft Issue 3.

[2] "Cost-Benefit Analysis of Number Portability", OFTEL, January 1994.

[3] "Numbering Conventions And Specified Numbering Schemes", OFTEL, March 1994.

[4] ETSI Number Portability Architectures NA 10064

[5] End-to-End Process Manual for Geographic Number Portability

0.7 Glossary of terms

0.7.1 Definitions

Call Duration	The time, measured in seconds (± 0.5 second) of a call from the time that the call is answered (CSA received by the recording network) to the time the call is cleared down (first forward release or clear message received by the recording network).
Call Record	A call record is a record of the characteristics of a call including the date and time of origination, call duration, and called number.
Call Record Processing	Call record processing takes new call records and uses them to debit and credit customer accounts.
Donor Network	The Network from which the number has been transferred.
Network	The telecommunications system operated by the licensed entity under the terms of the OFTEL licence.
Operator	The licensed entity as defined by the OFTEL Licence.
Recipient Network	The Network which has gained the ported number.
Third Party	An Operator involved in carrying a 'ported' call between Donor Network and Recipient Network, but who is not either Donor nor Recipient Network.

0.7.2 Abbreviations

CLI	Calling Line Identity
CPE	Customer Premise Equipment
DDI	Direct Dialling In

DN	Directory Number
ENPTF	ETSI Number Portability Task Force
IN	Intelligent Network
ISDN	Integrated Services Digital Network
NAC	Numbering Area Code
NSM	Numbering Scheme Manager
OFTTEL	Office of TELEcommunications
PBX	Private Branch Exchange (CPE)
PNO-ISC	Public Network Operators Interconnect Switching Committee
POC	Point Of Connect
POTS	Plain Old Telephony Service
QoR	Query on Release
SCP	Service Control Point
SSP	Service Switching Point

0.8 Scope

GNP, as defined in the Number Portability Functional Specification as issued by OFTEL from time to time, is the function whereby a customer may transfer provision of his telecommunications service to another licensed operator, without change of E.164 number (telephone number).

The GNP function shall be made available between pairs of operators within a defined area in which they are both licensed to serve.

GNP as addressed in this document is restricted to fixed telecommunications services with geographically significant E.164 numbers. All types of numbers, e.g. including Centrex and DDI number ranges are encompassed by this Service Description. However, GNP is defined as NUMBER and not Service or Feature Portability.

Whenever a ported number is relinquished for whatever reason, the number shall be returned to the Donor Network.

This document is the Service Description for Geographic Number Portability (GNP) as deployed and for future deployment within the UK. It is not intended as a definition or deployment guide, as these are areas in which each operator may choose their own implementation that conforms to all the requirements of this Service Description.

This Document presents the requirements for the call control functionality necessary to support GNP.

Operation and Maintenance aspects of GNP are described in the End-to-End Process Manual [5].

Specifications of support for GNP in the various interconnect signalling systems are provided by the PNO-ISC.