

Numbering plan for carrier portability codes
Official Gazette No 16, Administrative Order No 41/2009 of 26 August 2009

1. Legal basis

Carrier portability codes (CPC) are numbers as per section 3 para 13 of the Telecommunications Act (TKG) as published on 22 June 2004 (Federal Law Gazette I No 29 of 25 June 2004, pages 1190ff, last amended by law on 29 July 2009 (Federal Law Gazette I p. 2413)).

This Administrative Order sets out, as required by section 66 (1) second sentence TKG and the Telecommunications Numbering Ordinance (TNV; Federal Law Gazette I No 5 of 14 February 2008, pages 141ff) how the numbering space for CPC is to be structured and configured.

A separate Official Gazette Communication (see Federal Network Agency Official Gazette No 16/2009 of 26 August 2009 and Communication No 4420/2009) sets out the application procedure for CPC.

2. Number format and sub-division of the numbering range

CPC form their own code range.

CPC consist of three hexadecimal digits which are preceded by an indicator, the hexadecimal number D. They are therefore structured as follows:

Carrier portability code (CPC)	
Indicator "D"	3 digits (hexadecimal digits)

As long as no more than 1,000 CPC are needed, only the hexadecimal digits 0 to 9 are used. If more than 1,000 CPC are needed, the hexadecimal digits A to F are also used.

The numbering range for CPC is not sub-divided.

3. Purpose of use

CPC serve to allocate numbers or blocks of numbers to operators of telecommunications networks or providers of telecommunications services. For this purpose they precede a number or the identifying digits of a block of numbers and thus have the character of a prefix.

They are allocated for the following purposes:

- Identification of the target of traffic in the context of traffic routing
- Identification of the target of traffic for billing purposes
- Identification of the origin of traffic for billing purposes
- Identification of companies taking part in the exchange of porting data.

The CPC D997 and D998 must only be used for test purposes within the network.

In addition companies that were allocated a carrier portability code of the structure Dxxx can use numbers of the structure (0)10xxx to derive Service Centre Addresses (SCA). In this case the xxx equates to the xxx of the allocated carrier portability code. The use must comply with version 1.0.0 of the "Spezifikation für SCCP-Routing zwischen Netzbetreibern für ISUP-basierte Dienste" (Specification for SCCP routing between network operators for ISUP-based services) of the „Working group for technical and operational numbering and network interconnection issues" (AKNN). This specification deals with routing based on the Signalling Connection Control Part (SCCP) described in the ITU recommendation and the European Telecommunications Standards (ETS). The specification is available on the internet at <http://www.aknn.de/index.php/1524/0/> and from the

Bundesnetzagentur
Referat 117
Postfach 8001
53113 Bonn.

4. Type of assignment and assignment conditions

Carrier portability codes are assigned by way of application in the form of direct assignments within the meaning of section 4 (2) para 1 TNV. Allocations require an application.

Allocations are made if the applicant

- a) operates a public telephone network in which numbers are activated by subscribers.
- b) offers subscribers access to the public telephone network via telephone numbers or
- c) intends to participate in the exchange of porting data because he wishes to offer network operators or providers of access to the public telephone network services for which the creation of a porting database is necessary.

The CPC D997 and D998 are hereby allocated generally within the meaning of section 4 (2) para 4 TNV.

5. Maximum number of carrier portability codes assignable

In general each company is allocated only one CPC. In derogation of this several CPC can be allocated in the following cases.

a) Different network technologies

Companies with telecommunication networks based on different network technologies can be allocated one CPC per network technology. The following are considered distinguishable network technologies

- circuit-switching telecommunications network (e.g. Public Switched Telephone Network, PSTN).
- packet-switched telecommunications network (e.g. internet protocol (IP)-based network).

Based on different network technologies each company can therefore be allocated up to two CPC.

b) Providers without their own telephone network infrastructure

Providers without their own telephone network infrastructure, which have the numbers that were either originally allocated to them or ported to them activated in networks of different network operators, can generally be allocated one CPC per network operator in whose network the provider's numbers or block of numbers are activated; this is in addition to the regulation under letter a. However, due to the limited availability of CPCs a provider without his own telephone network infrastructure will not be allocated more than three CPC based on different network structures and different network operators.

6. Other conditions of use

6.1 Deadline for first use after allocation and information about first use

CPC must be brought into use within 180 calendar days from the in-service date of the allocation. The assignee must inform the Federal Network Agency in writing within 14 days after expiry of this deadline about whether the CPC is used and since when.

6.2 Notification of changes of name or address

Assignees must inform the Federal Network Agency immediately and unprompted, in writing, of any change in their name or address.

The address given must always be one in Germany at which summons and documents can be served. Applicants residing abroad must, in addition, nominate an authorised recipient in Germany at whose address documents can be served.

If any changes are made in the commercial register or equivalent of another country, up-to-date extracts must be submitted to the Agency straightaway.

6.3 Deconfiguration in case of returned carrier portability codes

If a carrier portability code reverts to the Federal Network Agency, eg after being returned or revoked, the assignee up to that point must immediately initiate all steps for deconfiguration which are required for the use of the CPC by a new assignee.

7. Entry into force

This Order enters into force on **23 September 2009**.

Rights of appeal

A protest against this order may be lodged within one month of its issue. The protest must be lodged in writing with the Bundesnetzagentur, Tulpenfeld 4, 53113 Bonn, or any other Bundesnetzagentur office, or placed on record.

This may be done electronically, instead of in writing. In this case, a qualified electronic signature in accordance with the Electronic Signatures Act must be appended to the electronic document. When doing so the notes on the website - www.bundesnetzagentur.de - under "Die Bundesnetzagentur > Über die Agentur > Elektronische Kommunikation" (in German) must be observed.

An objection does not have suspensory effect. Lodging a protest does not change the effect or enforceability of the Order in any way.