

(Important note : In case of divergent interpretation, the Turkish text shall prevail)

From Telecommunications Authority :

## **REGULATION FOR NUMBERING**

### **PART ONE General Provisions**

#### **Purpose**

**Article 1** – The purpose of this Regulation is to plan numbering resources used in telecommunication networks nationally and to define the principles and procedures for effective and efficient use of numbering resources in accordance with the said plan.

#### **Scope**

**Article 2** – This Regulation covers the principles and procedures to be applied for planning the numbers used in telecommunication networks in nationwide scale, assigning the numbers in accordance with the plan, enabling effective and efficient use of the assigned numbers, revocation of the numbers and other related issues.

#### **Legal Basis**

**Article 3** – This Regulation is prepared based on Telegraph and Telephone Law No. 406 and Wireless Law No. 2813.

#### **Definitions and Abbreviations**

**Article 4** – The definitions and abbreviations used in this Regulation have the following meanings:

The Authority: Telecommunications Authority,

The Board: Telecommunication Board,

Number: A string or combination of letters or/and digits or symbols that defines the network termination point and routes the call to the respective point that includes the information which may refer to subscriber, application, operator, telecommunication network and/or telecommunication service where relevant,

Number block: String of consecutive numbers in national numbering plan comprising 1.000, 10.000, 100.000 or 1.000.000 numbers,

National numbering plan: Turkey numbering plan that defines the structures of the numbers which can be divided into parts for providing information on routing, addressing, pricing or service type,

Subscriber: Real or legal person having agreement with the operator performing the telecommunication service in regard to benefiting from the respective service,

**Dialling plan:** String or combination of decimal digits, symbols and additional information that defines the method used in national numbering plan and includes prefixes and supplementary information in a way to enable call termination,

**Primary assignment:** Assignment of number and/or number blocks to the operators by the Authority,

**Utilisation rate:** Ratio of active numbers to the total assigned numbers in the same number type,

**Bringing into service:** Activation status of individually assigned numbers which are fully operational in the network and/or activation status of one number from a number block by assigning to a subscriber,

**DDI:** Direct Dialing Inward,

**Secondary assignment:** Assignment of numbers by operator that receives the primary assignment to its subscribers,

**ITU:** International Telecommunication Union,

**Relevant legislation:** Laws, Decisions of Council of Ministers, statutes, regulations, communiqués, licenses, general authorizations, circulars, procedures and principles, Board decisions and other relevant legal regulations and other legislation applicable with respect to telecommunications sector,

**Operator:** The Capital Firm, including Türk Telekom, which operates the telecommunication services and/or operates the related infrastructures in accordance with the authorization agreement, concession agreement signed with the Authority and/or in accordance with the telecommunication license or general authorization issued by the Authority,

**Public telephone network:** A telecommunication network used for providing publicly available telecommunication services that provides transmission of voice, facsimile, data and other similar communication forms between the network termination points,

**User:** Real or legal person benefiting from the telecommunication services regardless of being a subscriber or not,

**Number portability:** A facility that enables the subscriber in the public telephone network to change its operator, geographical position and/or service type without changing subscriber number,

**Number fee:** The fee determined within the scope of authorization and charging in primary allocations in accordance with the type of number,

**Parallel running:** Being in force and running of new and old numbers simultaneously for a limited period of time during the changes in national numbering plan,

Capital firm: The capital firm founded or to be founded in Turkey and having the conditions to be sought by the Authority,

Network: Any sort of transmission systems network comprising the switching equipment and lines providing the connection between the points in order to provide communication between two or more points,

Network termination point: The physical point at which the subscriber is provided with access to a telecommunication network involving switching and routing that physical point is identified by means of network address, which may be linked to number or name of a subscriber,

Carrier: Operator providing the services of call origination, call termination and conveyance wholly and partly,

Carrier selection: Selection of the operator from whom service is demanded in the public telephone network by means of call by call carrier selection and/or carrier pre-selection,

Carrier selection code: The code assigned by the Authority to the Carriers for call by call carrier selection,

Call by call carrier selection: Selection mechanism of the carrier from whom the service is demanded in the public telephone network for each call by means of dialing carrier selection code assigned by the Authority,

Carrier pre-selection: Selection mechanism that enables selection of the carrier in advance from whom the service is demanded without dialing carrier selection code,

Authorization: Operation of the Authority in signing authorization agreement or concession agreement with capital firms or issuing telecommunication license or general authorization to capital firms for execution of telecommunication services and/or establishment and operation of telecommunication infrastructure,

Moreover, for the terms not defined but used in this Regulation, the definitions in the relevant legislation shall apply.

### **Numbers Under the Scope of Regulation**

**Article 5** – The numbers under the scope of this Regulation are those used in telecommunication networks and require national planning. The issues to be regulated by the countries for global international numbering plans defined by ITU are also under the scope of this Regulation.

### **Special Conditions for Number Types**

**Article 6** – The special conditions applicable for number types are specified in the annexes of this Regulation.

### **Number Fee**

**Article 7** – In number assignment, number fee shall be collected within the scope of authorization fee in pro rata with the amount of numbers to be assigned. The number fee shall

be determined by considering as a basis, the costs incurred to the Authority for its duties of management of national numbering plan and control of the numbering resources, the capacity of assignable numbering resource and requirements for effective and efficient numbering management.

### **Principles**

**Article 8** – The following basic principles shall be observed in enforcement of this Regulation:

- a) Unless the objective reasons require the opposite, quantitative and qualitative continuity, non-discrimination, orderliness, efficiency, openness, transparency and effective use of resources,
- b) Priority for national security, public order and emergency needs,
- c) Conformity with the applicable legislations of contracting international organisations,
- d) Encouraging user friendly and public benefit seeking applications,
- e) Protection of consumer rights,
- f) Setting active and sustainable competition environment and encouraging applications for its continuity.

## **PART TWO**

### **Principles and Procedures for Application**

#### **Application for Number Assignment**

**Article 9** – The operators or capital firms having applied to the Authority in accordance with the pertinent legislation for the authorization may apply for application for the number assignment. For the authorization given through tenders, necessary procedures shall be carried out in accordance with the authorization legislation. The special conditions for number types are defined in the annexes of this Regulation.

#### **Application**

**Article 10** – The conditions for application are specified as follows:

a) Applications of Capital Firms: The capital firms having applied to the Authority in accordance with the respective legislation to get authorization for providing a telecommunication service and/or for establishing and operating infrastructure that require number assignment shall be deemed to have applied also for number assignment. However, the Authority, if necessary, shall require from the applicant to fill in the relevant application forms attached as annexes of this Regulation in line with the number types for which the assignment is demanded.

The number assignment applications of the capital firms made together with the authorization applications shall be evaluated in parallel with the authorization application in accordance with the provisions of this Regulation.

b) Applications of Operators: The operator, within the scope of its activity performed in accordance with regulations of the Authority, shall apply to the Authority for the number assignment with a letter of request with the attachment of the relevant application form filled thoroughly. The documents and information required for the application are specified in the

application forms organized in accordance with numbers types in the annexes of this Regulation. The applications shall be, apart from exceptional circumstances, delivered within six (6) months prior to the planned activation date of the requested numbers.

Upon bringing a new number group into service, the Authority shall announce related notification with the application date two (2) weeks earlier in its web site.

#### **Assessment of Applications**

**Article 11** – The Authority examines the applications. For incomplete applications, the Authority asks the applicant to complete its application. If the documents required in the application are not completed within three (3) months after the notification date, the Authority removes the application from the process.

The complete applications received by the Authority shall be assessed in accordance with application order within three (3) weeks. In determining the application order, the date when the Authority received the application in complete shall be taken as a basis. However, national security needs, public order and emergency needs have priority in the assessment.

During the assessment of the application, the Authority may ask the applicant for additional documents and information. In this kind of situation, application assessment period may exceed. If the required additional documents and information are not delivered to the Authority within specified period of time, the applicant loses its priority for the assessment.

### **PART THREE**

#### **Number Assignment and Usage**

##### **Conditions for Assignment**

**Article 12** – The following conditions are sought in number assignments:

- a) Compliance of the request for numbers to the national numbering plan,
- b) Availability of the requested numbers for the assignment,
- c) Consistency of the requested numbers with the geographical area of coverage for its pertinent service,
- d) Competence of technical capacity of applicant for requested numbers, availability of market projection and investment plan that support its request.

For additional number assignments, the applicant must have the relevant authorization for the numbers requested and utilisation rate must have been achieved for the previously assigned numbers.

Special conditions applicable for the assignment of numbers are provided in the annexes of this Regulation.

##### **Assignment**

**Article 13** – Upon getting approval of the Authority for the request for number assignment, the number shall be assigned. The Authority shall notice the applicant about the assigned numbers in writing.

### **Refusal of Request**

**Article 14** – The requests for number assignment that are not consistent with the provisions of Article 9, 10 and 12 of this Regulation shall be refused. In such a case, the reason for refusal shall be notified to the applicant in written form.

### **Partial Allocation**

**Article 15** – The Authority, if required, may assign some portion of the requested numbers by stating its rationale.

### **Re-assignment**

**Article 16** – The number or number blocks that are terminated in use for any reason may be, except in exceptional circumstances, re-assigned at least six (6) months later than the termination date of usage.

### **Usage Duration of Assigned Numbers**

**Article 17** – The usage duration of the assigned numbers shall be limited with the duration of pertinent authorization. The Authority shall revoke the assigned numbers from those whose respective authorization terminates and/or is cancelled/annulled.

### **Conditions for Usage**

**Article 18** – The following conditions shall apply for the use of assigned numbers:

- a) The assigned numbers shall be used in accordance with this regulation and the purpose specified in the application,
- b) The secondary and following assignment shall be made in accordance with the purpose of the primary assignment,
- c) The assigned numbers shall not be used in a way to deteriorate the competition or violate the consumer right,
- d) The assigned numbers shall not be transferred to others without getting the permission of the Authority,
- e) In merging and takeover, rules to be applied for the right of use the assigned numbers shall be determined by the Authority,
- f) The assigned numbers shall be used in accordance with the tariffs regulations related to number types,
- g) The assigned numbers shall be brought into service within one (1) year of the date of assignment,
- h) Numbers from the national numbering plan other than those assigned by the Authority can not be used,
- i) The operator shall not use the assigned numbers in a way to cause confusion with the numbers in the national numbering plan,
- j) Calls made to a number in accordance with the dialing plan shall be terminated at the same point unless the call routing or similar facilities are active.

The Authority may, in addition to the above-mentioned conditions, require conditions special for the service or number types.

PART FOUR  
Change, Return or Withdrawal of Numbers

**Changes in Assigned Numbers**

**Article 19** – The Authority may introduce changes in the assigned numbers in the following conditions:

- a) When national security, public order and emergency reasons necessitated,
- b) In accordance with the relevant regulations of contracted international organisations,
- c) Upon changes in national numbering plan,
- d) Upon the request of the operator and getting approval of the Authority for respective request,

For the changes in the numbers in use, the Authority takes, when necessary, the opinions of the respective parties and notifies its decision for change before a reasonable period of time.

**Return of Assigned Numbers**

**Article 20** – Those whom the numbers were assigned may return unused and/or numbers not needed to the Authority and shall not claim any right from the Authority for the returned numbers.

**Withdrawal of Assigned Numbers**

**Article 21** – The Authority may withdraw total or a portion of the assigned numbers under following conditions:

- a) When national security, public order and emergency reasons necessitated,
- b) Cancellation/annulment of authorization where the subject number assignment based on,
- c) Violation of the provisions of this Regulation,
- d) Requirement of conformity with relevant regulations of contracted international organisations,
- e) In case all assigned numbers are out of service,
- f) If the assigned number or number blocks are not brought into service within one (1) year of the date of assignment,
- g) Obligations for additional number capacity needs,
- h) When required due to recently published regulations concerning numbering or changes in national numbering plan,
- i) The conditions constituting the basis for the number assignment become invalid,
- j) Inaccuracy and misleading information in the documents or information constituting the base for number assignment,

For the numbers withdrawn in accordance with sub-clauses (a), (d), (g) and (h), new assignments may be performed and no number fee shall be charged by the Authority.

The procedure given below is followed when withdrawing the assigned numbers:

a) The decision regarding withdrawal of assigned numbers shall be, including its rationale, notified to the concerned party in a way to grant a particular period till withdrawal. The period to be notified is determined by the Authority considering quantity of the numbers to be withdrawn, its impact to the telecommunication sector, technical difficulties.

b) The operators shall make required arrangements in their networks in accordance with the above-mentioned provisions within the period to be specified by the Authority.

## PART FIVE Rights and Responsibilities of Operator

### **Rights of Operator**

**Article 22** – The rights of operator regarding assigned numbers are not the right of ownership but the right of use. The operator may, perform secondary assignment from the numbers assigned to it. The number types where the secondary assignments possible are specified in the annexes.

### **Responsibilities of Operator**

**Article 23** – The responsibilities of the operator for the assigned numbers are specified as follows:

a) The operator is responsible for obeying the provisions of this Regulation, national numbering plan and regulations to be introduced by the Authority on numbering,

b) The operator shall perform required arrangements in its networks in accordance with national numbering plan,

c) The operator is, in case of changes in conditions constituting base for the number assignment, liable to notify the Authority within one (1) month from date of change,

d) The operator shall notify the Authority within one (1) month after the activation date of the assigned numbers which are assigned individually or as blocks,

e) The operator, shall notify its subscribers reasonable time in advance about the changes, return and/or withdrawal of the assigned numbers to itself and changes in national numbering plan. The operator shall ensure the parallel running of old and new numbers and shall provide audio announcing service to users for 60 (sixty) days free of charge in a way to be determined by the Authority in order to inform about the new numbers,

f) The operator keeps records of all numbers assigned to it and submits yearly report to the Authority until the end of February of the following year. The minimum requirements of the report shall be:

1) The number of subscribers of each number type and total assigned numbers to the subscribers for each number type,

2) The quantity of assignable numbers in each number type,

3) Numbers separated to DDI groups,

4) The quantity of numbers planned/reserved for future services,

5) The numbers in use apart those assigned to the subscribers and their purpose of use,

6) Number usage forecast and plan for the following three years,

7) Other information required by the Authority.

PART SIX  
Other Provisions

**Changes in National Numbering Plan**

**Article 24** – The Authority may make changes in national numbering plan due to requirements of public order or national security, regulations of contracted international organisations, need for number capacity or other justified reasons not provisioned under this Regulation. The opinions of the operators shall be received for the fundamental changes. The period competent with the international norms shall be granted to the operator for applying the changes. The operators shall apply the respective changes and take required measures. The operators shall not claim any compensation from neither the Authority nor its subscribers for costs within the harmonization period to the changes in national numbering plan.

The notification of changes in national numbering plan to ITU shall be made by the Authority.

**Use of Alphanumeric Characters**

**Article 25** – The ITU-T Recommendation E.161 shall be taken as a basis for displaying and using the assigned numbers in alphanumeric order. Thus, the letter and digit relation is as shown below:

1	2 ABC	3 DEF
4 GHI	5 JKL	6 MNO
7 PQRS	8 TUV	9 WXYZ
	0	

**Number Portability**

**Article 26** – The operator shall obey the regulations that the Authority will introduce about the number portability. According to this, the operator is, in accordance with the regulations of the Authority, liable to provide number portability for the numbers that were assigned to it.

**Carrier Selection**

**Article 27** – The operator shall obey the regulations of the Authority about the carrier selection in the public telephone network. Rules specific to carrier selection code for call by call carrier selection is given in the annexes of this Regulations.

**Publication of the Regulations**

**Article 28** – The Authority publishes this Regulation, its annexes, changes, the numbers opened to use and number assignment decisions in its web site unless there is a national security reason against that.

The Authority shall prepare annual report on status of usage of numbers and publishes in its web site.

**Administrative Fine**

**Article 29** – The administrative fines to be imposed on the operator by the Authority in case of violations are specified as follows:

a) Up to 0.5 % its turnover of the previous calendar year in case the numbers assigned to the operator are not used in accordance with the purpose specified in the application or in case the secondary or following assignment of the operator are not appropriate with the purpose of the primary assignment,

b) Up to 0.5 % its turnover of the previous calendar year in case the operator uses the assigned numbers in a way to deteriorate the competition or to hinder operations of the other operators or disrupt the integrity of the networks,

c) Up to 0.3 % its turnover of the previous calendar year in case the operator transfers the assigned numbers without getting the permission of the Authority,

d) Up to 1 % its turnover of the previous calendar year in case the operator does not use the assigned numbers in accordance with the provisions of this Regulation or national numbering plan,

e) Up to 1 % its turnover of the previous calendar year in case the operator uses additional numbers from the national numbering plan apart from those assigned to it by the Authority,

f) Up to 0.5 % its turnover of the previous calendar year in case the operators uses assigned numbers to it in a way to cause confusion with the other numbers within the national numbering plan,

g) Up to 2 % its turnover of the previous calendar year in case the operator does not perform required arrangements in its network in line with the national numbering plan or delays intentionally the respective arrangements,

h) Up to 0.5 % its turnover of the previous calendar year in case the operator lacks the notifications to the Authority within the periods specified in this Regulation,

i) Up to 1 % its turnover of the previous calendar year in case the operator does not fulfill requirements its liabilities under this Regulation about the changes in national numbering plan or assigned numbers.

Before applying administrative fines provisioned in this Regulation, the Authority warns the pertinent operator for fulfilling its liabilities within the particular period to be determined by the Board. The operator that lacks performing its liabilities within the allowed period shall be fined in the amount to be determined with the decision of the Board.

Pursuant to this article, application of administrative fines shall not lift the liabilities provisioned in this Regulation. In case of repeating or persistence on the violation, administrative fines shall be imposed in the amount not exceeding 3 % its turnover of the previous calendar year. In case of reoccurrence of the violation the provisions of this Regulation regarding withdrawal of assigned numbers shall be applied besides the administrative fines.

The provisions of “Regulation on Administrative Fines to be imposed on the operators by Telecommunication Authority” that put into effect by the Official Gazette No 24833 dated 01.08.2002 are reserved.

#### **Annexes of the Regulation**

**Article 30** – The annexes of the Regulation include Special Annexes for Number Types (ANNEX- A) and Application Forms (ANNEX- B).

The Authority may, in addition to the Regulation, publish annexes special for number types.

#### **Assigned Numbers**

**Article 31** – Relevant provisions of this Regulation shall also be applied to the numbers that were assigned before enforcement date of the Regulation.

#### **Numbering Committee**

**Article 32** – The Authority may establish numbering committee with the representatives of the concerned operators for handling the issues encountered during application of provisions of the Regulation or to make studies on required subjects for the regulations regarding the numbering. Committee determines subjects of its study and respective principles and procedures. Representatives or experts from manufacturers in telecommunication sector, relevant competition associations and foundations, universities, institutions and organizations may be invited, if needed, to the Committee meetings.

#### **Revoked Provisions**

**Article 33** – This Regulation revokes Procedures and Principles on Three Digit Short Numbers that put into effect by the Decision of the Board No 2003/241 dated 23.06.2003. Any reference has been made to Procedures and Principles on Three Digit Short Numbers shall deem to have been made to this Regulation.

#### **Issues not covered in this Regulation**

**Madde 34** – Any other matters which have numbering concerns and are not taken into account within this regulation shall be regulated by communiques or decisions of the Board.

#### **Provisional Articles**

**Provisional Article 1** – The free numbers and number blocks within the scope of the Regulation and have not been assigned shall be taken over with a protocol to be concluded between Turk Telekom and the Authority within three (3) months from the enforcement date of the Regulation. Turk Telekom shall, within the framework of the respective protocol, provide information and documents to the Authority about usage status of the numbers.

Until signature of the respective protocol, the Authority when considers as necessary with regards to the requested numbers, by establishing coordination with Turk Telekom, assigns numbers to the applicants in accordance with the Regulation,.

#### **Entry into Force**

**Article 35** – The Regulation shall come into force on the date of publication.

#### **Execution**

**Article 36** – The provisions of the Regulation shall be executed by the Chairman of the Board.

## **NUMBER TYPES**

**(ANNEX – A)**

## ANNEX – A1

### NATIONAL NUMBERING PLAN

#### 1. Purpose and Scope

National Numbering Plan covers planning of Turkey's national significant number section in international public telecommunications numbering plan in accordance with Recommendation ITU-T E.164. The numbers within this plan are used in PSTN, ISDN, mobile telephony networks and similar public telecommunication networks.

#### 2. Definitions and Abbreviations

**Country Code:** A code arranged as one, two or three digits and assigned by ITU identifying a country, countries in integrated numbering plan or a geographical area,

**National Significant Number:** In accordance with the Recommendation ITU-T E.164, the portion of number including 15 digits at most that is out of country code in international public telecommunications numbering plan and left to national planning of the countries,

**National Destination Code:** A string of decimals that identifies a numbering area, network and/or service within the country,

**Prefix:** A string of numbers consists of one or more digits that allows to select different number structures, networks and/or services,

**International Prefix:** A digit or combination of digits used for international calls and to indicate that the number following is an international public telecommunication number,

**Geographical Number:** A number from the national numbering plan where part of its digit structure contains geographic significance used for routing calls to the physical location of the network termination point,

**Non-geographical Number:** A number from the national numbering plan that is not a geographic number. It includes inter alia mobile, freephone numbers,

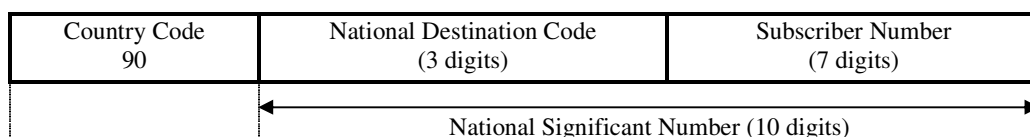
**Short Number:** A number that is 5 digits long at most,

**PSTN:** Public Switched Telephony Network,

**ISDN:** Integrated Services Digital Network.

#### 3. General Structure of National Numbering Plan

The national numbering plan is arranged in accordance with Recommendation ITU-T E.164 and other relevant recommendations of ITU. The national significant number consists of ten (10) digits in total. The first three digit part is national destination code and the following seven digit part is the subscriber number. The structure of the number is as follows:



#### 4. Number Categories As For First Digit

The numbers in national numbering plan is categorized in accordance with the first digit of the national significant number. The categories of number and their current usage areas are as follows:

First Digit of National Significant Number	Number Category	Current Usage Area
0	Prefix	“0” National; “00” International prefix
1	Short Numbers	Short codes in format of “1XX”, carrier selection code
2	Geographical Numbers	Geographical national destination code
3		Geographical national destination code
4		Geographical national destination code
5	Mobile Numbers	Mobile telephony services, paging service
6		Not used
7		Not used
8	Non-geographical Numbers	800: Freephone Service
9		822: Dial-Up Internet Access Service 900: Premium Rate Service

**First Digit “0”:** As the first digit of national significant number, “0” is used for national and international prefixes. “0”, used as national prefix (STD- Subscriber Trunk Dial) is used for calls to a different national destination code. The 3-digit national destination code follows this prefix.

“00” is used for international prefix (IDD-International Direct Dial). In international calls, the country code and national destination code of called party follow this prefix.

**First Digit “1”:** As the first digit of the national significant number, “1” is arranged for carrier selection code and short numbers. The specific conditions for carrier selection code and short numbers are arranged as annexes of this Regulation. There shall not be secondary assignment for these numbers.

**First Digit “2”, “3”, “4”:** As the first digit of the national significant number, “2”, “3”, “4” is used for the geographical numbers. Geographical numbers are assigned from group of subscriber numbers in the relevant city as blocks considering the geographical scope of the service. There may be secondary assignments for these numbers.

**First Digit “5”:** As the first digit of the national significant number, “5” is used for mobile telephony, paging and other services to be determined by the Authority. The numbers are assigned as number blocks. There may be secondary assignments for these numbers.

**First Digit “6”, “7”:** As the first digit of the national significant number, “6”, “7” is used within the framework of the regulations of the Authority.

**First Digit “8”:** As the first digit of the national significant number, “8” is used for freephone, internet access services and other services to be determined by the Authority. The

numbers are assigned as blocks or individually in accordance with the type of service and in line with the regulations of the Authority. Secondary assignment may be made for the numbers which are assigned as blocks.

**First Digit “9”:** As the first digit of the national significant number ,“9” is used for premium rate services and other non-geographical services to be determined by the Authority. The numbers are assigned as blocks or individually in accordance with the type of service and in line with the regulations of the Authority. Secondary assignment may be made for the numbers which are assigned as blocks.

The enclosed forms are used for the applications in regard to number assignment. In assessment of additional number assignment applications of the operators, it is considered whether the former assignment for the same type of numbers has reached 65 % occupancy rate.

### **5. Current Number Groups for Service Types**

Number groups which is currently in use and arranged in accordance with service types are specified below. The Authority may determine new specific number groups for the service types.

**Numbers for Freephone Services:** These are the numbers assigned for the services provided under the national destination code “800” and that do not charge any fee to the calling party. These numbers are assigned to the operators as blocks or one by one by the Authority in accordance with its regulations. The operator to whom block numbers are assigned executes secondary assignments to its subscribers from the respective block numbers.

All operators who supply public telephony services shall ensure users’ access to these numbers in line with the legislation in effect.

**Numbers for Premium Rate Services:** Premium Rate Services are provided over PSTN by means of numbers with national destination code “900”. The service covers any sort of recorded audio information, entertainment, live chat, teleconference, announcement and data collection, questionnaire, competition, lottery, any sort of good and service selling, marketing and similar services where any caller shall receive a legal benefit, right or good in return for calling.

**Numbers having local rate:** These numbers consisting of seven digits in total can be accessed by means of dialing the same number of digits all over the country. At present, the usage of the numbers assigned by Turk Telekom as 444 XXXX shall continue. However, the new local rate telephone numbers shall be determined by the Authority. Principles and procedures to be applied for the assignment and usage of these numbers are determined by the Authority.

**Numbers for Dial-up Internet Access:** The numbers with national destination code “822” is used for dial-up internet access. These numbers are assigned to the operators as blocks or individually by the Authority in accordance with its regulations.

## **6. Dialling Plan**

The dialling plan is as follows:

a) Calls within the same national destination code :

NYZXXXXX      N= 2- 9, Y=0-9, Z= 0- 9    or

0 YXX NXXXXXXX    Y = 2- 9, N= 2- 9, X= 0- 9    YXX= National Destination Code

b) Calls to the other national destination codes :

0 YXX NXXXXXXX    Y = 2- 9, N= 2- 9, X= 0- 9    YXX= National Destination Code

c) International Calls starting in Turkey :

00 + Country Code + National Significant Number

The operators are liable to apply this dialling plan and make the required arrangements in their networks.

## **7. Documentation and Information for Application**

The documentation and information required for the application are specified in ANNEX – B1.

## ANNEX – A2

### MOBILE NETWORK CODES

#### 1. Purpose and Scope

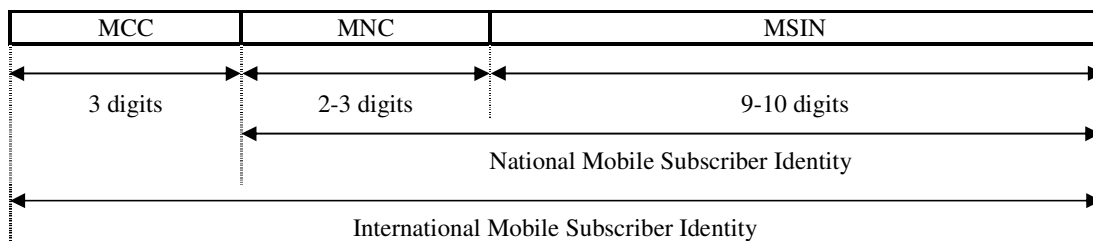
The mobile network codes, in accordance with Recommendation ITU-T E.212, enable identifying the network while mobile terminal and mobile subscriber is in roaming in the mobile networks where the roaming is possible.

#### 2. Abbreviations

IMSI: International Mobile Subscriber Identity,  
MCC: Mobile Country Code,  
MNC: Mobile Network Code,  
MSIN: Mobile Subscriber Identification Number,  
HLR: Home Location Registry.

#### 3. Code Structure

IMSI, defined in Recommendation ITU-T E.212, identifies mobile terminal or mobile subscriber. The IMSI consists of 15 digits at most and its structure is as follows:



MCC is the initial three digits of IMSI and represents a country or network group that shares MCC. The MCC assigned to Turkey by ITU is “286”.

MNC is the second part of IMSI with two digits and is assigned by the Authority to the mobile network operators where the roaming is possible. The Authority may, upon MNC capacity needs, regulate transition of 3 digit MNC structure.

MSIN is the third part of IMSI with ten digits at most and identifies mobile terminal device or user. MSIN assignment is made by the operator to whom MNC was assigned.

#### 4. Assignment Method of MNC

One MNC is assigned for each mobile telephony network. The operators requested additional codes should apply to the Authority providing documentation and information besides the reasons for the request. The Authority assess the application. The Authority may, upon finding the request and its rationale as reasonable, assign additional code to the relevant operator considering the number of available codes.

The mobile network operators having the authenticate capacity for the subscribers that are roaming may apply for assignment of MNC.

#### 5. Documentation and Information for Application

The documentation and information required for MNC assignment application are specified in ANNEX– B2.

## ANNEX – A3

### INTERNATIONAL SIGNALLING POINT CODE

#### 1. Purpose and Scope

In accordance with Recommendation ITU-T Q.704, Q.705 and Q.708, International Signalling Point Code is assigned for the international signalling point or equivalent facility in the public telecommunication network that use Signalling System No.7.

#### 2. Definitions and Abbreviations

ISPC: International Signalling Point Code,

Signalling System No.7: Common channel signalling system that enables transmission of the signalling information in the telecommunication networks over a single channel with the addressed message.

#### 3. Code Structure

The ISPC is 14 bits in length in binary system and its structure is as follows:

<b>N</b>	<b>M</b>	<b>L</b>	<b>K</b>	<b>J</b>	<b>I</b>	<b>H</b>	<b>G</b>	<b>F</b>	<b>E</b>	<b>D</b>	<b>C</b>	<b>B</b>	<b>A</b>
<b>3 bits</b> <b>(0 – 7)</b> <i>in decimal system</i>			<b>8 bits</b> <b>(0 – 255)</b> <i>in decimal system</i>								<b>3 bits</b> <b>(0 – 7)</b> <i>in decimal system</i>		

#### 4. Assignment Method

The initial two part of ISPC (NMLKJIHGFED) that consists of three parts in total is assigned by ITU to the countries. The last part of ISPC with 3 bits (CBA) is assigned by the Authority to the operators individually in accordance with the provisions of this Regulation. The ISPC is not assigned as number blocks.

#### 5. Prerequisite

The signalling point or equivalent facility for which the applicant request ISPC assignment must be located within the territory of Turkey.

#### 6. Documentation and Information for Application

The documentation and information required for ISPC assignment application are specified in ANNEX – B3.

#### 7. Usage Conditions

The Authority may oblige the operator to whom ISPC was assigned to activate the ISPC within a particular period. The activated ISPCs shall be noticed to the Authority within one (1) month.

Except for force majeure conditions, in case the ISPC is not activated within the specified time, the Authority shall withdraw the ISPC.

The assigned ISPCs shall be used in accordance with especially with ITU-T Q.704, Q.705 and Q.708, relevant ITU Recommendations and regulations of the international organizations in which Turkey takes part in.

## ANNEX – A4

### NATIONAL SIGNALLING POINT CODE

#### 1. Purpose and Scope

National Signalling Point Code is used to identify signalling points in public telecommunication networks operating in accordance with Signalling System No.7.

#### 2. Definitions and Abbreviations

NSPC: National Signalling Point Code,

Signalling System No.7: Common channel signalling system that enables transmission of the signalling information in the telecommunication networks over a single channel with the addressed message.

#### 3. Code Structure

NSPC is used in public telecommunication networks operating in accordance with Signalling System No.7. The NSPC is 14 bits in length in binary system and its structure is as follows:

A	B	C	D	E	F	G	H	I	J	K	L	M	N
4 bits (0-15) <i>in decimal system</i>				3 bits (0-7) <i>in decimal system</i>			7 bits (0-128) <i>in decimal system</i>						

#### 4. Assignment Method

NSPC is assigned individually. In case the applicant requests more than one code, the Authority may assign more than one code to the applicant by means of evaluating the documentation and information that prove such a need.

#### 5. Prerequisite

The physical address where NSPC that the applicant requested its assignment shall be used must be within the territory of Turkey.

#### 6. Documentation and Information for Application

The documentation and information required for NSPC designation application are specified in ANNEX – B4.

When the application is assessed as appropriate, the Authority assigns NSPC. In additional NSPC assignment requests, the Authority stipulates 80 % occupancy rate in formerly assigned NSPCs.

#### 7. Usage Conditions

The operator to whom NSPC is assigned uses the respective NSPC in physical address specified as in its application. In case the physical address specified in the application changes, the operator informs the Authority about the new address within one (1) month.

## ANNEX – A5

### DATA NETWORK IDENTIFICATION CODE

#### 1. Purpose and Scope

Data Network Identification Code is assigned, in accordance with Recommendations ITU-T X.121 and ITU-T X.121, to public data network operators or public fixed telecommunication network operators operating with the data network.

#### 2. Abbreviations

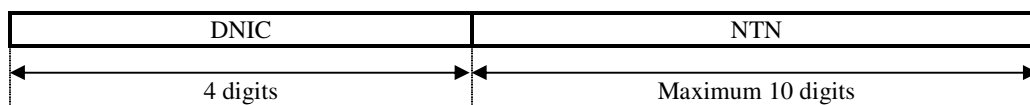
DNIC: Data Network Identification Code,

DCC: Data Country Code,

NTN: Network Terminal Number.

#### 3. Code Structure

The number structure of ITU-T X.121 is as follows:



DNIC consists of 4 digits. The initial 3 digits define DCC assigned by ITU.

#### 4. Prerequisite

The Authority assigns DNIC only to the network points within the territory of Turkey.

#### 5. Assignment Method

The Authority assigns the operators DNIC with 4 digits. However, same DNIC may be used by more than one operator due to the scarcity in source of DNIC. The operators to whom DNIC is assigned assign the NTN with maximum 10 digits to the user terminals.

#### 6. Documentation and Information for Application

The documentation and information required for DNIC assignment application are specified in ANNEX- B5

The operator that applies for DNIC should inform the Authority about the codes that were assigned to it by ITU or another country, if any.

Moreover, the applicant specifies all technical details to be required in evaluation of the application.

#### 7. Usage Conditions

DNIC and other numbers used in data networks should be used in accordance with Recommendations ITU-T X.121 and ITU-T X.122, other related recommendations and international standards

In case of decrease in DNIC code, the Authority may reserve a certain number of codes.

**ANNEX – A6**  
**SHORT NUMBERS**

**1. Purpose and Scope**

The short numbers are the numbers assigned for the services where public benefit is considered to be maximum, such as national security, public health, public order, security of life and goods and emergency services where easy access of the users to the service through dialing less numbers is required.

**2. Definitions and Abbreviations**

Applicant: The operator or judicial person applying to the Authority with the request for assignment of a three-digit number,

Call potential: Total number of possible calls to a short number in a certain period of time.

**3. Number Structure**

The short numbers are arranged in the format of 1XY (X= 1- 9, Y= 0- 9) in the national numbering plan and work one-direction for incoming call but not for outgoing calls.

Short number 112 is assigned as single emergency call number.

**4. Assignment Method**

The short numbers are assigned individually by the Authority.

**5. Conditions for Application**

The applicant shall complete the “Application Form For Short Number Assignment” attached to Annex-B6 in full and applies to the Authority with a letter requesting three-digit short number assignment. The Authority may request from the applicant additional information and/or documentation for the service to be provided and/or the system to be set up.

For the short number applications, following conditions are taken into consideration :

- a) The service should be a public or social service where public benefit is considered to be maximum, such as national security, public health and public order, security of life and goods, and emergency,
- b) The service should be a nation-wide service,
- c) No three-digit short number exists as already assigned for a service within the same scope,
- d) The service should have high potential for calls,
- e) The service should not have commercial concerns,
- f) The applicant should be duly authorized under the legislation in effect to provide such service,

g) There should not be an alternative solution in terms of numbering other than the assignment of short number,

h) There should be a situation where short number assignment is needed, in order to ensure and facilitate to meet the criteria specified by the European Union legislation or the international unions or organizations in which Turkey takes part in,

i) The service should not create an anti-competitive environment with the assignment of short number.

However, some short numbers may be assigned for the services which have commercial concerns pursuant to the regulations to be issued by the Authority.

For the services, in which the public benefit is considered to be at maximum level, such as national security and emergency services, provisions of subparagraphs (d) and (g) of this article are not sought. During the assessment of applications for short number assignment service-specific issues may also be considered.

The Authority may reject applications for short number assignment due to scarcity of assignable sources, need for number capacity or other circumstances required under scope of number planning.

Installation and operation of the equipment and other technical and administrative liabilities for putting into service of the assigned number belong to the person to whom the assignment was made. Assigned numbers shall be notified to the operators in writing by the Authority.

#### **6. Conditions for Short Number Usage**

Assigned short numbers are used in compliance with the following provisions :

a) The party to whom number is assigned shall activate the number within six (6) months of the date of assignment and notify the Authority that the assigned number is activated. If the number is not activated within the specified time, the Authority warns the relevant party in writing and the withdrawal procedure of this Regulation is followed for the numbers that are not activated within fifteen (15) days. However, the Authority may, upon finding rationale as reasonable, give additional period being not more than six (6) months.

b) Except force majeure conditions, continuous provision of the service through the assigned number is mandatory. The party to whom the number is assigned is liable to ensure maintenance of the system accordingly. Otherwise, the Authority warns the relevant party in writing and the withdrawal procedure is followed for the numbers that are not activated within fifteen (15) days following such warning,

c) Only the services specified in the assignment application shall be offered on the assigned short number. The changes to be made within the scope of the services provided shall be subject to the permission of the Authority,

d) The Authority is entitled to request any kind of information and documentation with regard to the assigned short numbers.

e) The judicial person to whom short number is assigned is liable to establish required equipment for supplying service by the assigned short number and to provide required trunks for users' access to the assigned short number.

#### **7. The Liabilities of the Operators**

Operators providing public telephony services are liable to ensure users' access to the short numbers assigned by the Authority, to make required arrangements for such purpose, and to submit any information and documents including number of incoming calls to the assigned number, etc. requested by the Authority.

#### **8. Other Provisions**

The assigned short numbers shall be valid. However, this shall not give vested rights to judicial person to whom short number is assigned. Any change, including withdrawal of previously assigned numbers, can be made by the Authority within the scope of the regulations to be issued for effective and efficient numbering management and new planning works in line with the decisions of the international organizations in which Turkey takes part in.

## ANNEX – A7

### CARRIER SELECTION CODE

#### **1. Purpose and Scope**

Carrier Selection Code is assigned to the operators that are authorized by the Authority to provide long distance telephony service within the scope of call by call carrier selection.

#### **2. Structure**

The structure of carrier selection code is as follows; 10XY (X=1-9, Y=2-9).

The Authority may, upon carrier selection code capacity needs, regulate transition of 5 digit carrier selection code structure in the 10XYZ form.

#### **3. Assignment Method**

One carrier selection code is assigned to each long distance telephony service operator.

#### **4. Documentation and Information for Application**

The documentation and information required for carrier selection code assignment application are specified in ANNEX- B7.

#### **5. Usage Conditions**

Carrier selection code can only be used to access long distance telephony service in accordance with regulations of the Authority.

#### **6. Dialling Plan for Carrier Selection**

The following dialling plan shall be applied for the calls to be performed by using call by call carrier selection. The operators are liable to use carrier selection codes assigned by the Authority and make required arrangements in their networks.

For national long distance calls: 10XY + 0 + Destination Code + Subscriber Number

For international long distance calls: 10XY + 00 + Country Code + National Significant Number

#### **7. Assignment of Access Number**

Number assignment shall be made from number group specified by the Authority to long distance telephony operator for the call by call carrier selection with 10 digit access code.

#### **8. Provisional Article**

At present, short numbers in the 10X form, used by Turk Telekom, will be replaced with other numbers by the Authority to prevent confusion with the carrier selection code.

**APPLICATION FORMS**

**(ANNEX – B)**













ANNEX – B6  
APPLICATION FORM FOR  
SHORT NUMBER  
ASSIGNMENT



Please read “Numbering Regulation” and its Annex-A6 concerning “Short Numbers” before filling this form and give additional information specified in relevant sections in complete and accurate form.

**Applicant :** .....

**Name of the service to be provided :** .....

**Detailed information about the service** .....

(Additional papers can be used) .....

**Commencement date of the service :** ..... /..... /200...

(Additional information as an evidence shall be given as annex(es) of this form)

**Geographical coverage for the service :** .....

**Profile of potential callers and expected call frequency for the service :** .....

(Expected call frequency may be given as per month or year) .....

**Detailed information concerning infrastructure of the service** .....

(Additional papers can be used) .....

**Other information concerning the short number assignment** .....

(Additional papers can be used) .....

**Signature of the applicant :** .....

**Date :** ..... /..... /200...

**Assessment :** .....

(This section is to be filled by the Authority) .....

**Authorized person for assesment :** .....

**Date :** ..... /..... /200...

