

# **Regulations Governing Telecommunications Numbers**

## **Article 1**

These Regulations are promulgated in accordance with Paragraph 6, Article 20-1 of the Telecommunications Act (hereinafter referred to as "this Act").

## **Article 2**

The Competent Authority, as referred to in these Regulations, is the Ministry of Digital Affairs.

## **Article 3**

The terms used in these Regulations are defined as follows:

1. Operator: refers to carriers that have been granted concessions or permissions and licenses of Type I telecommunications carriers or Type II telecommunications carriers by the National Communications Commission.
2. Planner: refers to those that have obtained Establishment Approvals for Type I telecommunications enterprises issued by the National Communications Commission but have not obtained concessions licenses.
3. Telecommunications number: refers to the ID codes, subscriber numbers and numbering code required to sustain normal operations of the public telecommunications network, including communications, identification, exchange and control.
4. ID code: refers to the telecommunications number used in the public telecommunications network for identifying the network, routing or services.
5. Subscriber number: refers to the telecommunications number used to provider subscribers with telecommunications services.

6. Numbering code: refers to the number used to control the public telecommunications network routing and exchange information.
7. Golden Number: refers to subscriber numbers that have a certain array, special signification, or that are especially memorable.
8. Commissioned Administrator: refers to institutions (organizations) commissioned by the Competent Authority to conduct administrative related works, such as the approval of, adjustment to and recycling of telecommunications numbers.

#### Article 4

The subscriber numbers, ID codes and signaling point codes of numbering code used by the planners or operators shall be allotted by the Competent Authority or Commissioned Administrators. The same conditions shall be applied to relevant amendments.

Prior to the use of numbering code, the planners or operators shall notify the Competent Authority, except in the case of signaling point codes. The same conditions shall be applied to relevant amendments.

#### Article 5

Upon obtaining the system or network approval certificate, planners shall apply to the Competent Authority or Commissioned Administrators for allocation of subscriber numbers, submitting the following documents:

1. A completed application form for telecommunications numbers;
2. A photocopy of the system or network approval certificate;

3. Telecommunications numbers utilization plan (including subscribers' growth prediction data, network structure connection map, and system capacity construction data);
4. Other data designated by the Competent Authority.

Upon obtaining the system or network approval certificate, planners shall apply to the Competent Authority or Commissioned Administrators for allocation of ID codes or signaling point codes with the following documents:

1. A completed application form for telecommunications numbers;
2. A photocopy of the system or network approval certificate;
3. Telecommunications numbers utilization plan (including the location and signal transmitting methods of interface point; network structure connection map; and system capacity construction data);
4. Other data designated by the Competent Authority.

Prior to obtaining a system or network approval certificate, planners may apply to the Competent Authority or commissioned administrators for telecommunication numbers required for testing the public telecommunications network system. The validity of testing telecommunications numbers shall not exceed the expiry of establishment approval or permit and shall become invalid after obtaining the system or network approval certificate.

## Article 6

When applying for the allocation of subscriber numbers, Type I telecommunications enterprises shall submit the following documents to the Competent Authority or commissioned administrators:

1. A completed application form for telecommunications numbers;
2. A photocopy of concessions licenses;
3. Telecommunications numbers utilization plan (including subscribers' growth prediction data, network structure connection map, and system capacity construction data);
4. Data on number of subscribers
5. Other data designated by the Competent Authority.

When applying for the allocation of ID codes or signaling point codes, Type I telecommunications enterprises shall submit the following documents to the Competent Authority or commissioned administrators:

1. A completed application form for telecommunications numbers;
2. A photocopy of concessions licenses;
3. Telecommunications numbers utilization plan (including the location and signal transmitting methods of interface point; network structure connection map; and system capacity construction data);
4. Other data designated by the Competent Authority.

## Article 7

Type II telecommunications enterprises shall obtain telecommunications numbers in accordance with the following rules:

1. Paragraph 2 of the preceding Article is applicable to the call-by-call selection network ID codes and signaling point codes of Voice Simple Resale Service operators;
2. Mobile Virtual Network Service operators shall lease mobile network codes or subscriber numbers by cooperating with Mobile Network Business Operators;

3. Subscriber numbers of E.164 internet telephony service operators shall be leased from Type I telecommunications enterprises that operate E.164 internet telephony services; however, Paragraph 1 of the preceding Article is applicable to applicants whose paid-in capital is over five hundred million New Taiwan dollars;
4. Paragraph 2 of the preceding Article is applicable to signaling point codes of E.164 Internet Telephony Service operators.

For the purpose of network testing, planners of E.164 internet telephony services shall apply to the Competent Authority or commissioned administrators for the allocation of testing telecommunications numbers, upon obtaining the approval of E.164 internet telephony services. The said number shall be valid until the expiry of the said approval.

## Article 8

The Competent Authority's examination and approval standards for the allocation of telecommunications numbers shall adhere to the annex.

## Article 9

The operator of a mobile communications network business that plans to terminate operations of its business shall, three months prior to the expiry of concessions licenses or termination of the business, apply to the Competent Authority for amendments to the usage of its telecommunications numbers as follows:

1. Transfer to other planners or operators for the same type of mobile communications network services;
2. Transfer to other same type of business that is planned or operated by the said operator / planner.

The mobile communications network services described in the preceding paragraph refers to provisions of Paragraph 2 of Overview of Type I Telecommunications Enterprises Business Items, Scope, Schedule and Number; these business items shall be deemed as the same type of business as described in the preceding Paragraph.

Planners or operators to whom the business is transferred and who apply for the use of telecommunications numbers of as per Subparagraph 1 of Paragraph 1 shall, within 7 days after the former operator has submitted the application as described in Paragraph 1, apply to the Competent Authority with the following documents:

1. Plan of transfer (including the transfer schedule; type, details and number of telecommunications numbers; network structure connection map; and system capacity construction data and use status);
2. The agreement between the transferor and transferee;
3. Other data designated by the Competent Authority.

Planners or operators to whom the business is transferred and who apply for the use of telecommunications numbers as per Subparagraph 2 of Paragraph 1 shall, within 7 days after former operator has submitted the application as described in Paragraph 1, apply to the Competent Authority with documents prescribed in Subparagraph 1 and 3 of the preceding Paragraph.

The operator of a Mobile Telephone Business, Third Generation (3G) Mobile Communications Business, or Mobile Broadband Business shall obtain approval of the Competent Authority before providing the service that enables subscribers to retain their existing telephone numbers when transferring to another service with the same carrier.

The operator in the preceding paragraph shall submit the following documents to the Competent Authority before providing the service aforementioned :

1. Plan of transfer, including service scope, procedure, timeline, maximum amount of service per day.
2. The qualify certificate for telephone number switching system provided by NPAC described in Regulations Governing Number Portability.

Regarding the transfer, the transfer time and relative notifications of the transfer process shall adhere to regulations in subparagraph 4 of Paragraph 1, Paragraph 3, and subparagraph 1 of Paragraph 8 of Article 22 of Regulations Governing Number Portability.

When a Subscriber ceases to use his/her existing telephone number, the Recipient Operator shall return that telephone number to the original Operator. The relative process shall adhere to regulations in Article 15 of Regulations Governing Number Portability.

## Article 11

After the Competent Authority allocates subscriber numbers, operators shall establish rules for the selection of golden numbers, except for IoT (Internet of Things) numbers, and submit the rules to the Competent Authority

before the implementation for its reference; the same rules shall be applied for any relevant amendment.

The afore-mentioned rules shall include the fundamental number selection rules; the golden numbers shall be leased to subscribers by means of auction or pay-per-selection once the numbers are assigned for selection.

## Article 12

Planners or operators may, for the purpose of studying or testing new telecommunications services or technology, apply to the Competent Authority for testing telecommunications numbers with experiment or research relevant documents. The Competent Authority may allocate the numbers in accordance with the capacity of numbering resources and the development necessity of service and technology.

Planners or operators are not permitted to use telecommunications numbers allocated as described in the preceding paragraph for profit seeking or provision of telecommunications business.

The telecommunications numbers allocated pursuant to Paragraph 1 shall be returned to the Competent Authority upon their expiry.

The preceding three paragraphs shall be applicable to those who have the needs of using the telecommunications numbers for academic or educational purposes, or for experiment, research or development of a telecommunications network.



## Article 13

To provide emergency rescue services, public consultation services, public relief services or charity services, government organizations, public welfare associations, incorporated foundations, administrative corporations or public utility enterprises may, upon receipt of the approval of their central competent authority or direct superior agency based on an evaluation of its statutory duties, establishment objectives and public welfare requirements, apply to the Competent Authority or commissioned administrators for the allocation of special service numbers.

Public utility enterprises as referred to in the preceding paragraph shall denote the following enterprises

1. Power enterprises;
2. Water enterprises;
3. Other public utility enterprises as determined by the Competent Authority.

The applicant as described in Paragraph 1 shall apply to the Competent Authority with the following documents:

1. Application form for telecommunications numbers;
2. A photocopy of the approval issued by the central competent authority or direct superior agency of the government organization, public welfare association, incorporated foundation, administrative corporation or public utility enterprise; and a photocopy of certification documents of the public welfare association, incorporated foundation, administrative corporation or public utility enterprise;
3. Service plan;

4. Documents that certify local network provider and mobile communications network provider's consent of providing the service.

The Competent Authority may repossess the said numbers if there is any change to the number holder's qualifications, or if the use of the said number violates with provisions of Paragraph 1.

## Article 14

Should the applicant fall under any of the following circumstances, the application shall be rejected:

1. The service category of the telecommunications numbers applied for is not within the scope of business that the concession or permission was granted;
2. The operator applying for the allocation of telecommunications numbers has already applied for business suspension, or its business is already suspended or terminated;
3. Illegal usage of telecommunications numbers without correction;
4. Failure to pay the telecommunications numbers usage fees or fines for violation of these Regulations.

Applicants that do not fall under any of above-mentioned circumstances shall undertake corrective action upon receipt of the Competent Authority's notification. Where the applicant fails to undertake corrective action within a prescribed period or the matter remains pending despite the correction is already made, the application shall be declined.

## Article 15

No telecommunications numbers shall be allocated in any of the following cases:

1. The number of used subscriber numbers is below the minimum usage standard;
2. The provided information is false.

## Article 16

Planners or operators shall comply with the following provisions when using telecommunications numbers:

1. Telecommunications numbers must not be provided for purposes other than those of approved business;
2. Cooperate with the Competent Authority to make adjustments to allocated telecommunications numbers;
3. The allocated telecommunications numbers shall not be leased, lent or transferred except as stipulated in Article 7, Article 9 or other telecommunications laws and regulations;
4. Requests for negotiation from other operators for network interconnection of allocated telecommunications numbers must not be refused;
5. Where the subscribers terminate the use of telecommunications numbers, the returned numbers shall be kept for three months, except for IoT (Internet of Things) numbers;
6. Regarding transferred subscriber numbers, those that cannot be used on the transfer day shall be kept for six months, except for IoT numbers.

The retention period of subscriber numbers as referred to in Subparagraph 5 of the preceding paragraph is not subject to the restriction after the consent of new subscribers.

## Article 17

The Competent Authority shall repossess a part of or all telecommunications numbers allocated to planners or operators that fall under any of the following circumstances:

1. The unit block of numbers allocated by the Competent Authority has not been used a year after the allocation date;
2. Violation of Subparagraph 1, 3 and 4 of Paragraph 1 of the preceding Article;
3. It has been verified that the information provided for the application of allocation of telecommunications numbers is false;
4. The suspension of business is beyond the approved period;
5. Those whose establishment approval, concession or permission has been cancelled or revoked.
6. The concession or permission already expired;
7. Those that have not reached the minimum usage standard regulated by the Competent Authority;
8. The operation or business is terminated.

The minimum usage standards as referred to in Subparagraph 7 of the preceding Paragraph shall exclude those that have obtained the number for the first time with a period of less than three years; and those that have re-obtained the number with a period of less than one year.

## Article 18

Type I telecommunications enterprises shall submit the statistics of the entire batch of subscriber numbers leased

to Type II telecommunications enterprises to the Competent Authority for reference before January 10 and July 10 every year.

The cutoff lines for statistics as described in the preceding paragraph are December 31 of the preceding year and June 30 of that year.

If Type II telecommunications enterprises that lease the entire batch of subscribers numbers as referred to in Paragraph 1 terminate their operation, change the cooperative Type I telecommunications enterprises, or terminate the use of leased subscriber numbers, the leased subscriber numbers shall be recalled by the original Type I telecommunications enterprise; however, subscriber numbers that have been provided by Type II telecommunications enterprises to subscribers shall be taken over by the said Type I telecommunications enterprises. The Type I telecommunications shall also agree that the original subscribers may continue using the original subscriber numbers.

Where Type I telecommunications enterprises terminate the lease subscriber numbers pursuant to the preceding paragraph, the numbers shall be handled according to Subparagraph 5 of Paragraph 1 of Article 16.

Where Type II telecommunications enterprises fall under any of the conditions described in the preceding article, Type I telecommunications enterprises shall immediately terminate the lease of a part of or all numbers leased to Type II telecommunications enterprises.

Type I telecommunications enterprises that violate the provisions set forth in Article 4, 16, 19, 20 and 23, or do not comply with the preceding paragraph shall not lease

the entire batch of telecommunications numbers to Type II telecommunications enterprises until necessary corrective action has been undertaken.

## Article 19

Type I telecommunications enterprises that wholesale telecommunications numbers to Type II telecommunications enterprises and operators that have passed out the allocation of telecommunications numbers pursuant to the Regulations Governing Number Portability Service may collect the telecommunications numbers usage fees from the Type II telecommunications enterprises and the recipient operators.

The amount of telecommunications number usage fees collected from Type II telecommunications enterprises and recipient operators, as described in the preceding paragraph, shall be determined in accordance with the following rules:

1. Telecommunications number usage fees generated by the resale of telecommunications services or the provision of Number Portability Services shall not be greater than the price that Type I telecommunications enterprises or Donor Operators pay for telecommunications numbers obtained from the Competent Authority.
2. For telecommunications number usage fees generated by other factors, in addition to the fees prescribed in preceding Subparagraph, an administrative fee of no greater than five percent of said fees may be added.

## Article 20

The use of subscriber numbers with regard to the planners or operators shall conform to the principle of facilitating users and efficient utility of numbers.

Planners or operators shall provide monthly updates of statistical data, which shall be kept for a minimum of three months, concerning the newly allocated numbers and the returned subscribers numbers.

## Article 21

The Competent Authority may entrust other institutions or organizations to handle the allocation, adjustment, withdrawal and related management works of telecommunications numbers stipulated in these Regulations.

The commissioned administrator are responsible for following operational matters:

1. Verification, allocation, adjustment and withdrawal of telecommunications numbers resources.
2. Monitoring of capacity of the telecommunications numbers resources.
3. Prediction of demand of the telecommunications numbers resources.
4. Production of tables on telecommunications numbers allocation status quo and statistics.
5. Coordination of the telecommunications numbers applications among operators (including planners).
6. Suggestions on the planning and implementation of promoting the efficiency of telecommunications numbers allocation.
7. Maintenance of telecommunications numbers resources website, announcement of telecommunications numbers

allocation and statistical data, and the provision of weekly, or more frequent, updates of data.

8. Research in areas and of developments related to telecommunications numbers resources management and application both domestically and overseas.
9. Other matters commissioned by the Competent Authority.

The commissioned administrators shall submit business reports to the Competent Authority regularly each year and, if necessary, submit related service descriptions and proposals according to the requirements of the Competent Authority.

## Article 22

The commissioned administrators shall be juridical persons, excluding the telecommunications enterprise, registered in accordance with laws of the Republic of China.

The juridical persons as referred to in the preceding paragraph shall meet the following provisions:

1. The commissioned administrators are forbidden to possess more than 10% voting shares or registered capital of any telecommunications enterprise.
2. The commissioned administrators are forbidden to have the same board chairman as any telecommunications enterprise or have 10% or more than 10% the same directors.
3. The commissioned administrators are forbidden to have the same shareholders or financial contributors whose total number of issued shares or registered capital takes half of any telecommunications enterprise.



4. Any shareholder, director or staff of the commissioned administrators who possesses 10% or more than 10% shares of the commissioned administrators are not allowed to possess more than 10% shares of any telecommunications carrier at the same time.
5. Staffs of the commissioned administrators are forbidden to be staffs of any telecommunications enterprises simultaneously.

The staffs mentioned in the Subparagraph 4 and 5 of preceding paragraph refer to full-time or part-time staff employed and paid.

The procedure and standard of selecting commissioned administrators in Paragraph 1 shall be stipulated and promulgated by the Competent Authority.

## Article 23

Planners or operators shall render the telecommunications numbers usage fees in accordance with the criteria set by the Competent Authority.

## Article 24

These Regulations shall become effective as of the date of promulgation.

## Annex

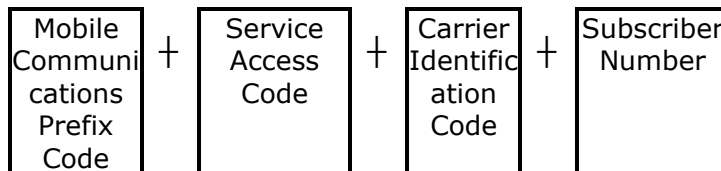
### Examination and Allocation Standards for Telecommunications Numbers

#### I. Subscriber Numbers for Mobile Communications Network

##### A. Format of Subscriber Number:

0 + 8BC + DE + FGHI

0 + 9BC + DE + FGHI



##### B. Number Examination and Allocation Standards:

1. The subscriber number repossessed by the Competent Authority shall be allocated to the original operator as priority.
2. Regarding planners or operators that follow the Regulations to use subscriber numbers transferred by the operator that has terminated its business, the Competent Authority shall, after repossession of the subscriber numbers from the operator that terminated the business, allocate the number to the said planners or operators as priority.
3. Mobile broadband business:
  - (1) To allocate 090, 091, 092, 093, 095 and 096 as priority
  - (2) Where above-mentioned allocation requires more subscriber numbers, 097 and 098 may be allocated accordingly.
  - (3) Where 09X4 is insufficient, 094, 085 and 086 may be allocated in order.

4. Service access code with a C-code of 4 may be allocated after all other digits of C-code have been allocated.
5. Regarding the applications of subscriber numbers, 100,000 numbers shall be deemed as one single unit. First-time applications shall be limited to 10 units maximum; subsequent applications shall be limited to 5 units.
6. When determining the numbers of subscriber numbers to be allocated to planners or operators for the first time, the Competent Authority shall take their system capacity as well as the future demand and planned capacity for subscriber numbers into account.
7. Operators whose subscriber number usage rate (no. of number in use  $\div$  no. of allocated numbers) is above 70% may apply for another allocation, and shall submit a sampling report made by credibility units<sup>1</sup> by law of large numbers.
8. The Competent Authority may sample 1 out of every 100,000 subscriber numbers to check the status of operators' subscriber numbers; the number of sampling numbers shall be 200 maximum.
9. The minimum usage rate of subscriber numbers shall be 50%, and shall be calculated based on data of December 31 of the preceding year.
10. Where the usage rate of subscriber numbers is below the minimum usage rate, operators shall return a part of the

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<sup>1</sup> The credibility units herein refer to sampling reports made by just persons. The sampling shall be carried out on subscriber numbers in use (valid numbers of prepaid and postpaid subscribers, and ported subscribers) and by two scholars registered in the professional database of Public Construction Commission, Executive Yuan with specialty in the field of science, engineering, commerce or management; government employees; or representatives of incorporated foundation with above-mentioned specialty. Effective subscribers shall be determined based on subscribers' basic information, telephone traffic data and the latest bill (confidence level of 95%; error of plus or minus 2%; and the proportional expectation value of effective subscribers is bigger or equals to 0.98).

unused numbers within three months upon receipt of the Competent Authority's notification. However, this does not apply to those that have obtained the number for the first time with a period of less than three years; and those that have re-obtained the number with a period of less than one year.

11. The number of subscriber numbers that shall be returned to the Competent Authority as described in the preceding paragraph shall be calculated based on the following equation:  

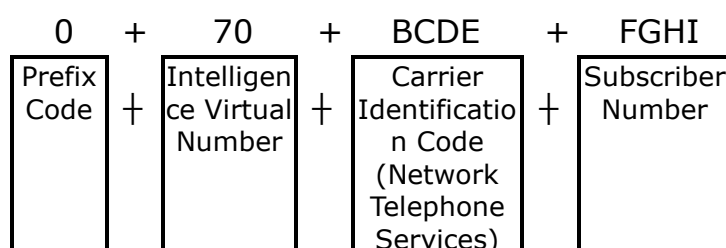
$$\text{Number of to-be-returned numbers} = (\text{minimum usage rate} - \text{usage rate}) \div \text{minimum usage rate} \times \text{number of allocated numbers}$$

#### C. Allocation of Testing Numbers:

Planners may apply to the Competent Authority for testing subscriber numbers, but the application shall be limited to once only with 300 subscriber numbers maximum.

## II. Subscriber Number for E.164 Internet Telephony Services

### A. Format of Subscriber Number (10-digit excluding the prefix code 0):



### B. Number Examination and Allocation Standards:

1. The BC code set of 070 block numbers, from 10 to 39 and 50 to

99, shall be open for first-time applications and subsequent applications in order; the C code 4 shall be reserved in this stage.

2. Where all of above block numbers are allocated, the C-code 4 and B-code 4 shall then be allocated in order.
3. One set of BCDE code (10,000 subscriber numbers) shall be the unit for this type of subscriber numbers; each operator shall be limited to apply for 20 units for the first application, and 10 units for subsequent applications.
4. Operators whose subscriber number usage rate complies with the following circumstances may apply for subscriber numbers, and a sampling report made by credibility units by law of large numbers shall be submitted along with the application:
  - (1) The block capacity usage rate of subscriber numbers allocated before (including) the  $(N-1)^{\text{th}}$  time has reached 80%.
  - (2) The block capacity usage rate of subscriber numbers allocated for the  $N^{\text{th}}$  time has reached 60%.  
(Note: N refers to the number of times that the subscriber numbers have been allocated)
5. The Competent Authority may sample 1 out of every 10,000 subscriber numbers to check the use status of operators' subscriber numbers; the number of sampling numbers shall be 200 maximum.
6. Concerning planners or operators' application of subscriber numbers, the Competent Authority may allocate the numbers from the BCD code set of 070 block number from small to large; however, the D-code 4 shall be reserved in this stage. Where the total of subsequently applied and allocated subscriber

numbers already reached the multiple of million, or the allocated number already reached X90 (X=0,1,2,3...) ten thousand, the Competent Authority shall then allocate the numbers with the BC4 code set from small to large.

7. Where the subscriber numbers allocated by the Competent Authority from the BCD code set is below 10 units, any unallocated numbers from the code set shall be reserved for the operator for its subsequent application.
8. No minimum usage standards have been set for subscriber numbers.

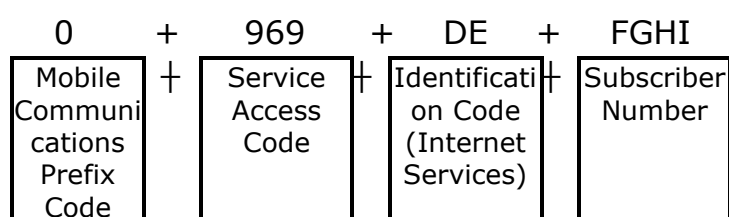
#### C. Allocation of Testing Numbers:

1. E.164 internet telephone service operators that are Type I telecommunications enterprises, or Type II telecommunications enterprises with a paid-in capital over five hundred million New Taiwan Dollars may apply for subscriber numbers required for testing the network once only. Upon receipt of the application, the Competent Authority shall allocate testing numbers from block numbers for first-time applications, and according to the number of ports that must be tested as regulated by relevant technical specifications. The said allocation shall be limited to 300 numbers only.
2. E.164 internet telephone service operators that are Type II telecommunications enterprises with a paid-in capital below five hundred million New Taiwan Dollars may apply for subscriber numbers required for testing the network only once. Upon receipt of the application, the Competent Authority shall allocate the testing numbers from the block 070 444X XXXX in

order. The said allocation shall be limited to 300 numbers only.

### III. Subscriber Number for Mobile Satellite Communications Service Operators

#### A. Format of Subscriber Number (9-digit excluding the prefix code 0):



#### B. Number Examination and Allocation Standards:

1. The capacity of block 0969 is 1 million subscriber numbers; the block numbers are designated for satellite communications system and other (small amount) mobile communications services.
2. One set of DE code (10,000 subscriber numbers) shall be the unit for this type of subscriber numbers; each operator shall be limited to apply for 10 units maximum.
3. Operators whose subscriber number usage rate complies with the following circumstances may apply for subscriber numbers, and a sampling report made by credibility units by law of large numbers shall be submitted along with the application:
  - (1) The block capacity usage rate of subscriber numbers allocated before (including) the (N-1)<sup>th</sup> time has reached 80%.
  - (2) The block capacity usage rate of subscriber numbers allocated for the N<sup>th</sup> time has reached 65%.  
(Note: N refers to the number of times that the subscriber numbers have been allocated)

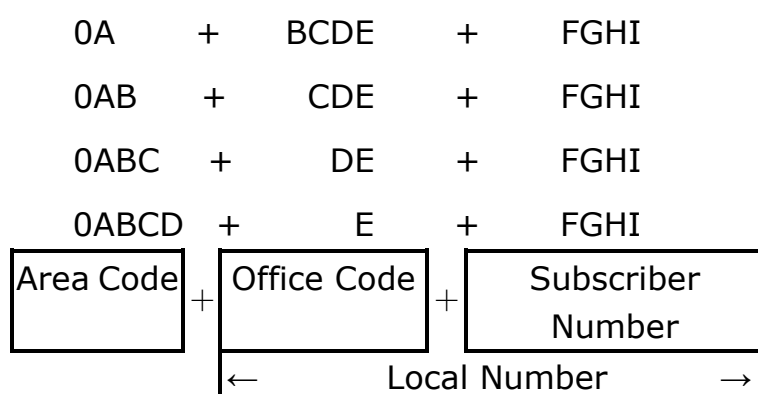
4. The Competent Authority shall allocate subscriber numbers from designated block(s).
5. No minimum usage standards have been set for subscriber numbers.

C. Allocation of Testing Numbers:

No allocation of testing numbers.

#### IV. Local Subscriber Numbers for Fixed Telecommunications Network Services

A. Format of Subscriber Number:



Office Code: exchange office ID, shortened as office code.

Subscriber Number: the last 4 digits of local numbers, which are used to identify subscribers.

B. Number Examination and Allocation Standards:

1. 10,000 numbers shall be the unit for this type of subscriber numbers.
2. The first-time application shall, on an annual basis and region-by-region, list the number of subscriber numbers needed for the incoming three years as stated in the business plan.



3. Where the average usage rate of subscriber numbers within the office code has reached 50%, operators may submit subsequent applications for subscriber numbers. The Competent Authority shall then allocate the numbers according to use status of regional office codes as well as the growth of subscribers.
4. The Competent Authority may sample 1 out of every 10,000 subscriber numbers to check the status of operators' subscriber numbers; the number of sampling numbers shall be 200 maximum.
5. The Competent Authority shall allocate subscriber numbers among available office codes from designated block in order.
6. No minimum usage standards have been set for subscriber numbers.

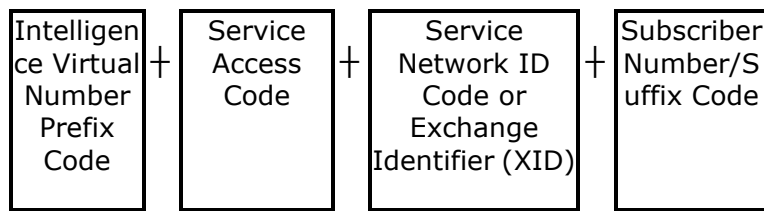
#### C. Allocation of Testing Numbers:

Planners or operators may apply to the Competent Authority for subscriber numbers required for testing the local network system. The application shall be submitted along with the establishment approval and is limited to once per office code with maximum 300 numbers.

### V. Intelligence Virtual Number

#### A. Format of Intelligence Virtual Number:

0	+	A0	+	(B)CD	+	EFGH
0	+	A0	+	(B)CD	+	XXX...
0	+	99	+	BCD	+	EFGH



0A0 and 099: Access code of intelligence virtual number (A≠9).

(B)CD: service network ID code or exchange ID code.

EFGH: Subscriber number, which is a 4 digits code.

XXX...: suffix code, which is a variable digits code (the digits of code may be determined by the carrier or subscriber).

#### B. Number Examination and Allocation Standards:

1. Shall be allocated by the Competent Authority from designated blocks.
2. BCD or CD code set that contains "4" shall not be allocated in this stage, unless the applicant is willing to possess these numbers.
3. One set of (B)CD code is the unit for 010 block numbers and each network is eligible to apply for one unit only.
4. One set of (B)CD (B≠2) code is the unit for 020 block numbers and first-time applications shall be limited to 5 units only; where the total capacity usage rate of allocated numbers reaches 80%, subsequent applications shall be allowed with maximum 2 units per application.
5. One set of (B)CD code is the unit for 030 block numbers and each network is eligible to apply for one unit only.
6. One set of BCD (B≠5 and BCD≠412) code shall be the unit for 050 block numbers and first-time applications shall be limited to 5 units only; where the total capacity usage rate of allocated numbers reaches 80%, subsequent applications will be allowed with maximum 2 units per application.

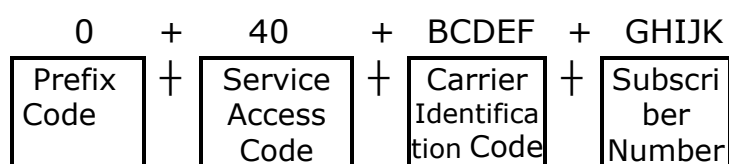
7. One set of BCD (B≠8) code is the unit for 080 block numbers and first-time applications are limited to 3 units only; where the total capacity usage rate of allocated numbers reaches 70%, subsequent applications shall be allowed with maximum 1 unit per application.
8. One set of BCD code is the unit for 099 block numbers and first-time applications shall be limited to 10 units only; where the total capacity usage rate of allocated numbers reaches 80%, subsequent applications shall be allowed with maximum 10 units per application.
9. Those that apply to the Competent Authority for 080 block numbers for the purpose of satisfying relevant organizations' urgent business needs may submit subsequent applications without having their total capacity usage rate of allocated numbers reached 70%.
10. No minimum usage standards have been set for subscriber numbers.

C. Allocation of Testing Numbers:

No allocation of testing intelligence virtual number.

VI. Internet of Things (IoT) Numbers of Type I Telecommunications Enterprises

A. Format of IoT Number (excluding the 12-digit prefix code):



B. Number Examination and Allocation Standards:

1. The BCDEF code set of 040 block numbers, from 00000 to 99999, shall be open for first-time applications and subsequent applications in order.
2. The subscriber number repossessed by the Competent Authority shall be allocated to the original operator as priority.
3. Regarding planners or operators who follow the Regulations to use subscriber numbers transferred by the operator who terminate the business, the Competent Authority shall, after repossession of the subscriber numbers from the operator that terminated its business, allocate the number to the said planners or operators as priority.
4. One set of BCDEF code (100,000 subscriber numbers) shall be the unit for this type of subscriber numbers; each operator shall be limited to apply for 50 units for the first application, and 25 units for subsequent applications.
5. When determining the number of subscriber numbers to be allocated to planners or operators for the first time, the Competent Authority shall take their system capacity as well as the future demand and planned capacity for subscriber numbers into account.
6. Operators whose subscriber number usage rate (no. of number in use  $\div$  no. of allocated numbers) is above 70% may apply for another allocation, and shall submit a sampling report made by credibility units<sup>2</sup> by law of large numbers.

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<sup>2</sup> The credibility units herein refer to sampling reports made by just persons. The sampling shall be carried out on subscriber numbers in use (valid numbers of prepaid and postpaid subscribers, and ported subscribers) and by two scholars registered in the professional database of Public Construction Commission, Executive Yuan with specialty in the field of science, engineering, commerce or management; government employees; or representatives of incorporated foundation with above-mentioned specialty. Effective subscribers shall be determined based on subscribers' basic information, registration information, telephone traffic data and the latest bill (confidence level of 95%; error of plus or minus 2%; and the proportional expectation value of effective subscribers is bigger or equals to 0.98).

7. The Competent Authority may sample 1 out of every 100,000 subscriber numbers to check the status of operators' subscriber numbers; the number of sampling numbers shall be 200 at maximum.
8. The minimum usage rate of subscriber numbers is 50%, and shall be calculated based on data of December 31 of the preceding year.
9. Where the usage rate of subscriber numbers is below the minimum usage rate, operators shall return a part of the unused numbers within three months upon receipt of the Competent Authority's notification. However, this does not apply to those who have obtained the number for the first time with a period of less than three years; and those who have re-obtained the number with a period of less than one year.
10. The number of subscriber numbers that shall be returned to the Competent Authority as described in the preceding paragraph shall be calculated based on the following equation:  
Number of to-be-returned numbers = (minimum usage rate – usage rate) ÷ minimum usage rate × number of allocated numbers

C. Allocation of Testing Numbers:

Planners may apply to the Competent Authority for testing subscriber numbers, but the application is limited to once with 1,500 subscriber numbers at maximum.

VII. International Direct Dialing Network ID Codes

A. Number Examination and Allocation Standards:

1. 00X is only for operators who apply for fixed

telecommunications network services;

2. 01X is for operators who apply for fixed telecommunications network services or international network services;
3. Each operator will receive only one set of ID code.
4. ID codes that can be allocated include 001, 003, 004, 011, 012, 013, 014 and 018. According to the order of submitting the application, applicants will draw their numbers from unallocated ID codes.

B. Allocation of Testing Numbers:

No allocation of testing ID codes.

VIII. "18XYZ" Call-by-Call Selection Network ID Codes

The available capacity for ID codes (X: 2 to 9 ; Y: 0 to 9 ; Z: 0 to 9) is 800 sets.

A. Number Examination and Allocation Standards:

1. Each applicant may select unallocated or reserved ID codes from 18200 to 18999.
2. Prior to obtaining the license, the applicant may, according to its establishment approval or approval certificate, apply for the allocation of ID codes that it desires to reserve during the validity of the said papers; however, the applicant shall still follow relevant provisions of the Regulations upon obtaining the license.
3. The numbers of ID codes that each applicant is eligible to apply for shall be limited to the numbers of network that it has adopted different technology to provide telephony services.

B. Allocation of Testing Numbers:

No allocation of testing ID codes.

IX. "19XY" Special Service Numbers

The available capacity for "19XY" special service numbers shall be 80 sets, which are 4-digit numbers.

(X: 1, 3 to 9 ; Y: 0 to 9, X=0 numbers are reserved for expansion; X=2 numbers are reserved for government agencies to provide emergency public service)

A. Number Examination and Allocation Standards:

1. All local network providers and mobile communications network providers shall all be able to receive services provided by the applicant.
2. When applying for "19XY" special service numbers, each applicant shall be allocated with one set of numbers until all 80 sets of special service numbers are allocated.

B. Allocation of Testing Numbers:

No allocation of testing numbers.

X. International Signaling Point Codes of Signaling System

Number 7

The available capacity for our country's international signaling point codes shall be 40 sets, which are composed by three parts; each part is presented in decimal numbers, including:

1. Zone identification, 3 bit.
2. Area/Network identification, 8 bit.
3. Signaling point identification, 3 bit.

A. Number Examination and Allocation Standards:

1. One point code shall be the unit for international signaling point codes.
2. Shall be allocated to established exchange offices or exchange offices that will be established within a short time.
3. Shall be allocated by the Competent Authority from planned blocks in order.

B. Allocation of Testing Numbers:

No allocation of international signaling point codes for testing.

XI. Domestic Signaling Codes of Signaling System Number 7

Domestic signaling point codes are defined according to the length of international signaling point codes and are presented in 14 bits; in total, there are 16,384 ( $2^{14}$ ) point code resources that can be used. The available capacity for domestic signaling point codes is 14,000; other point codes shall be reserved.

A. Number Examination and Allocation Standards:

1. Domestic signaling point codes shall be presented in decimal numbers. Applications of Type I telecommunications enterprises shall be measured with 10 point codes as one unit, whereas those of Type II telecommunications enterprises shall be measured with 2 point codes.
2. 50 sequential point codes shall be reserved for Type I telecommunications enterprises; and 10 sequential point codes shall be reserved for Type II telecommunications enterprises
3. Operators may submit subsequent applications after exhausting all of allocated point codes.
4. Fixed telecommunications network operators may freely select unallocated point codes from the block designated by the



Competent Authority; other operators that apply for domestic signaling point codes shall have the codes allocated by the Competent Authority from planned block in order.

**B. Allocation of Testing Numbers:**

Planners or operators may apply to the Competent Authority for domestic signaling point codes for testing the network system. The application shall be submitted along with the establishment approval and the number of codes to be allocated to the applicant shall depend on their actual demand.

# Attachment

## Number Rule Table

No.	Last 6-digit numbers in over 9-digit user numbers	Number Rule	Example	Remark
1	6 same digits	AAAAAA	666666	A≠4
2	6 consecutive digits	abcdef ↗	012345	
3	Last 5 digits are same	X-AAAAA	1-66666	X、A≠4
4	Last 5 consecutive digits	X-abcde ↗	1-12345	X≠4
5	Two groups for 3 same digits	AAA-BBB	666-888	A、B≠4
6	Last 4 same digits	XY-AAAA	13-6666	X、Y、A≠4
7	Last 4 consecutive digits	XY-abcd ↗	13-1234	X、Y≠4
8	Last 3 same digits	XYZ-AAA	135-666	X、Y、Z、A≠4
9	Two same groups	ABC-ABC	689-689	A、B、C≠4
10	Three groups for 2 same digits	AA-BB-CC AA-BB-AA	66-88-99 66-88-66	A、B、C≠4

No.	Last 4-digit numbers in under 8-digit user numbers	Number Rule	Example	Remark
1	4 same digits	AAAA	6666	A≠4
2	4 consecutive digits	abcd ↗	0123	
3	Last 3 same digits	X-AAA	1-000	X、A≠4
4	Two same groups	AA-BB	66-88	A、B≠4
5	Same interval digit	AB-AB	68-68	A、B≠4