

**Bhutan (country code +975)**

Communication of 1.V.2023:

The *Bhutan InfoComm and Media Authority (BICMA)*, Thimphu, announces the following update to national numbering plan in Bhutan:

*Description of introduction of new resource for national E.164 numbering plan for country code +975:*

| NDC (national destination code) or leading digits of N(S)N (national (significant) number) | N(S)N number length |                | Usage of ITU-T E.164 number  | Time and date of introduction |
|--|---------------------|----------------|--|-------------------------------|
|  | Maximum length      | Minimum length |  |                               |
| 17   | 8                   | 8              | Non-Geographic. It's a mobile number   | 2018                          |
| 77   | 8                   | 8              | Non-Geographic. It's a mobile number   | 2018                          |
| 19   | 12                  | 12             | Non-geographic. It's a SIM-based IoT numbering scheme for Bhutan (see additional info below) | February 21, 2023             |
| 79   | 12                  | 12             | Non-geographic. It's a SIM-based IoT numbering scheme for Bhutan (see additional info below) | February 21, 2023             |

*Additional Information:*

| Country Code (3 digits) | Network Identification Code (2 digits)  | M2M Identifier (Application based Code) (2 digits) | Device Number (8 digits)             |
|-------------------------|---|--|--------------------------------------|
| (975)                   | "19" for devices using BTL (Bhutan Telecom Limited) SIM-based IoT<br><br>"79" for devices using TICL (Tashi InfoComm Limited) SIM-based IoT | XX<br>"00" to "99"                                 | YYYYYYYY<br>"00000000" to "99999999" |

The two digits from "00" to "99" shall be used for the M2M Identifier based on the application.

It shall be used strictly based on the following applications mentioned in the table below while issuing the IoT SIMs to the users. For instance, if it is for *Smart power metering* using BTL SIM, the M2M Identifier shall be "01", thus the SIM numbering shall be "975 19 01 YYYYYYYY"

| Sectors/Industry Verticals          | M2M Identifier (Application Based Code) | IoT Applications  |
|-------------------------------------|---|---|
| Automotive/Transportation/Logistics | 00                                      | Vehicle tracking, Traffic control, Navigation, Infotainment, Fleet management, Asset tracking, Manufacturing, Logistics, etc. |
| Utilities/Energy                    | 01                                      | Smart power metering, Smart grid, Electric line monitoring, Smart water metering, pipeline monitoring, etc.                   |
| Telecom                             | 02                                      | Data storage and management, Asset monitoring   |
| Healthcare                          | 03                                      | e-health, Remote diagnostics, Medication reminders, Tele-medicine, wearable health devices, etc.                              |

| Sectors/Industry Verticals | M2M Identifier<br>(Application Based Code) | IoT Applications   |
|----------------------------|--|--|
| Financial/ Retail          | 04   | Point of sale (POS), ATM, Vending machines, Digital signage, and Handheld terminals, etc.  |
| Public Safety              | 05   | Highway, Bridge, Traffic management, Homeland security, Police, Fire, and Emergency services, Fire alarm, home security monitoring etc.  |
| Smart City                 | 06   | Intelligent transport System, Intelligent waste management, Street Light control system, Water distribution, Smart Parking, etc.   |
| Agriculture                | 07   | Farm management and real time farm monitoring etc,   |
| Others                     | .....                                      | <p>The operators shall use additional M2M identifiers if not mentioned in above. However, before the operator uses the new M2M Identifier Code, the operator has to consult the Authority.</p> <p>Once one of the operators is allowed to use additional M2M Identifiers, the same M2M Identifier code has to be used by the other operator for same/similar services.</p> |

Link to national database:

[https://www.bicma.gov.bt/bicmanew/data/publications/rules-regulations-guidelines/National\\_Numbering\\_Plan\\_2018.pdf](https://www.bicma.gov.bt/bicmanew/data/publications/rules-regulations-guidelines/National_Numbering_Plan_2018.pdf)

<https://www.bicma.gov.bt/bicmanew/wp-content/uploads/2023/03/Mobile-NetworkSIM-based-IoT-Numbering-Plan-of-Bhutan.pdf>

Contact:

Bhutan InfoComm and Media Authority (BICMA)  
P.O Box 1072  
THIMPHU  
BHUTAN  
Tel: +975 2 321506/+975 2 321507  
E-mail: bicma@bicma.bt; spectrum@bicma.bt  
URL: www.bicma.gov.bt

Communication of 28.IX.2021:

The *Bhutan InfoComm and Media Authority (BICMA)*, Thimphu, announces the following update to national numbering plan in Bhutan:

*Presentation of national ITU-T E.164 numbering plan for country code +975:*

- a) Overview:  
The minimum number length (excluding the country code) is 7 digits.  
The maximum number length (excluding the country code) is 8 digits.
- b) Link to the national database (or any applicable list) with assigned ITU-T E.164 numbers within the national numbering plan:  
[https://www.bicma.gov.bt/bicmanew/data/publications/rules-regulations-guidelines/National\\_Numbering\\_Plan\\_2018.pdf](https://www.bicma.gov.bt/bicmanew/data/publications/rules-regulations-guidelines/National_Numbering_Plan_2018.pdf)
- c) Link to the real-time database reflecting ported ITU-T E.164 numbers: n/a
- d) Detail of mobile service numbering plan:

| NDC (national destination code) or leading digits of N(S)N (national (significant) number) | N(S)N number length |                | Usage of E.164 number                        | Additional information   |
|--|---------------------|----------------|--|--|
|  | Maximum length      | Minimum length |  |  |
| 17   | 8                   | 8              | Non-geographic number. It is a mobile number | NDC assigned to Bhutan Telecom Limited (BTL). BTL is the state-owned mobile operator         |
| 77   | 8                   | 8              | Non-geographic number. It is a mobile number | NDC assigned to Tashi InfoComm Limited (TashiCell). TashiCell is the private mobile operator |

- e) Detail of fixed service numbering plan:

| Country Code | Length of Area Code | Length of Subscriber Number |
|--------------|---------------------|-----------------------------|
| +975         | one digit           | six digits                  |

| Operational Area | Locality      | Area Code | Subscriber Number Range | Remark                |
|------------------|---------------|-----------|-------------------------|-----------------------|
| I                | Thimphu       | 2         | 32XXXX                  | X = 0 to 9            |
|                  |               |           | 33XXXX                  |                       |
|                  |               |           | 34XXXX                  |                       |
|                  | Simtokha      | 2         | 35XXXX                  | X = 0,1               |
|                  | Dechencholing | 2         | 36XXXX                  | X = 0,1,2,3,4         |
|                  | Taba          | 2         | 365YYY                  |                       |
|                  | Khasadrapchu  | 2         | 37XXXX                  | [X=0,1,2,3,4,5,7,8,9] |
|                  | Basochu       | 2         | 47XXXX                  | X = 0,1,2,3,4,5]      |
|                  | Wangdue       | 2         | 48XXXX                  | X = 0,1               |
|                  | Punakha       | 2         | 58XXXX                  |                       |
|                  | Lobesa        | 2         | 376YYY                  |                       |
| Gasa             | 2             | 688YYY    |                         |                       |

| <i>Operational Area</i> | <i>Locality</i>        | <i>Area Code</i> | <i>Subscriber Number Range</i> | <i>Remark</i>       |
|-------------------------|------------------------|------------------|--------------------------------|---------------------|
| II                      | Trongsa                | 3                | 52XXXX                         | X = 0,1,2           |
|                         | Bubja                  | 3                | 525YYY                         |                     |
|                         | Baling                 | 3                | 526YYY                         |                     |
|                         | Tshangkha              | 3                | 527YYY                         |                     |
|                         | Dangdung               | 3                | 528XYY                         | X = 0,1,2           |
|                         | Yebilabtsa             | 3                | 5296YY                         |                     |
|                         | Namther                | 3                | 540XYY                         | X = 0,2,3,8,9       |
|                         | Jakar                  | 3                | 63XXXX                         | X = 0,1,2,3,4,5     |
|                         | Chumey                 | 3                | 64XXXX                         | X = 0,1,2,3,4,5     |
|                         | Zhemgang               | 3                | 74XXXX                         | X = 0,1,2,3,4       |
|                         | Panbang                | 3                | 74XXXX                         | X = 2,3,4,5,6,7,8,9 |
| Tingtibi                | 3                      | 744YYY           |                                |                     |
| III                     | Trashigang             | 4                | 52XXXX                         | X = 0,1,2,3,4       |
|                         | Kanglung               | 4                | 535YYY                         |                     |
|                         | Bartsham               | 4                | 53900Y                         |                     |
|                         |                        | 4                | 563YYY                         |                     |
|                         | Lhuntse                | 4                | 54XXXX                         | X = 5,7,8,9         |
|                         | Rangjung               | 4                | 56XXXX                         | X = 0,1,2           |
|                         | Wamrong                | 4                | 57XXXX                         | X = 0,1,2,3         |
|                         | Khaling                | 4                | 58XXXX                         | X = 0,1,2,3         |
|                         | Mongar                 | 4                | 64XXXX                         | X = 0,1             |
|                         | Gelpoyshing            | 4                | 74XXXX                         | X = 4,5             |
| TrashiYangtse           | 4                      | 78XXXX           | X = 0,1                        |                     |
| IV                      | Phuntsholing           | 5                | 25XXXX                         | X = 0,1,2,3,4,8,9   |
|                         | Pasakha                | 5                | 26XXXX                         | X = 0,1,2,3,4       |
|                         | Gedu                   | 5                | 28XXXX                         | X = 0,1,2           |
|                         | Tsimasham              | 5                | 290XYY                         | X = 0,1             |
|                         | Wangkha                | 5                | 2904YY                         |                     |
|                         | TrashiGatshel          | 5                | 2906XY                         | X = 0,1,2,3,4       |
|                         | Samtse                 | 5                | 36XXXX                         | X = 5,6             |
|                         | Gomtu                  | 5                | 37XXXX                         | X = 0,1,2,3         |
|                         | Chargary               | 5                | 38XXXX                         | X = 0,1             |
|                         | Sibsoo                 | 5                | 382YYY                         |                     |
| V                       | Gelephu                | 6                | 25XXXX                         | X = 0,1,2,3,4       |
|                         | Suray                  | 6                | 255YYY                         |                     |
|                         | Sarpang                | 6                | 365YYY                         |                     |
|                         | Tsirang [Damphu]       | 6                | 47XXXX                         | X = 0,1,2,3,4       |
|                         | Drujegang              | 6                | 48XXXX                         | X = 7,8             |
| VI                      | S/Jongkhar             | 7                | 25XXXX                         | X = 0,1,2           |
|                         | Deothang               | 7                | 26XXXX                         | X = 0,1,2           |
|                         | Daifam / Jomotshangkha | 7                | 264XYY                         | X = 0,1             |
|                         | P/Gatshel              | 7                | 47XXXX                         | X = 0,1,2,3,4,5     |
|                         | Nganglam               | 7                | 480YYY                         |                     |
|                         |                        | 7                | 481XYY                         | X = 0,1,2,3,4,5     |

| <i>Operational Area</i> | <i>Locality</i> | <i>Area Code</i> | <i>Subscriber Number Range</i> | <i>Remark</i> |
|-------------------------|-----------------|------------------|--------------------------------|---------------|
| VII                     | Paro            | 8                | 27XXXX                         | X = 0,1       |
|                         | Haa             | 8                | 37XXXX                         | X = 5,6       |
|                         |                 | 8                | 373YYY                         |               |
|                         | Haa (Damthang)  | 8                | 371YYY                         |               |
|                         | Chapcha         | 8                | 471YYY                         |               |
|                         |                 | 8                | 2407YY                         |               |
| Tsimasham               | 8               | 478YYY           |                                |               |

Notes:  
Y= 0 to 9

*List of some of the short access codes for essential emergency and security services:*

| <i>Number</i> | <i>Service</i>                          |
|---------------|---|
| 110           | Fire                                    |
| 111           | Thimphu Traffic                         |
| 112           | Health Help Centre / Ambulance Services |
| 113           | Police                                  |

Contact:

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P.O. Box 1072  
THIMPHU  
Bhutan  
Tel: +975 2 321506/+975 2 321507  
E-mail: bicma@bicma.bt; spectrum@bicma.bt  
URL: www.bicma.gov.bt