

# ITU Operational Bulletin

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1109	1.X.2016	16.IX.2016
1110	15.X.2016	30.IX.2016
1111	1.XI.2016	18.X.2016
1112	15.XI.2016	1.XI.2016
1113	1.XII.2016	16.XI.2016
1114	15.XII.2016	1.XII.2016

# GENERAL INFORMATION

## Lists annexed to the ITU Operational Bulletin

### Note from TSB

A. The following Lists have been published by TSB or BR as Annexes to the ITU Operational Bulletin (OB):  
OB No.

- 1096 Legal time 2016
- 1088 List of Issuer Identifier Numbers for the International Telecommunication Charge Card (In accordance with Recommendation ITU-T E.118 (05/2006)) (Position on 15 November 2015)
- 1086 Mobile Network Codes (MNC) for the international identification plan for public networks and subscriptions (According to Recommendation ITU-T E.212 (05/2008)) (Position on 15 October 2015)
- 1067 List of International Signalling Point Codes (ISPC) (According to ITU-T Recommendation Q.708 (03/99)) (Position on 1 January 2015)
- 1066 List of Signalling Area/Network Codes (SANC) (Complement to ITU-T Recommendation Q.708 (03/99)) (Position on 15 December 2014)
- 1060 List of ITU Carrier Codes (According to ITU-T Recommendation M.1400 (03/2013)) (Position on 15 September 2014)
- 1055 Status of Radiocommunications between Amateur Stations of Different Countries (In accordance with optional provision No. 25.1 of the Radio Regulations) and Form of Call Signs assigned by each Administration to its Amateur and Experimental Stations (Position on 1 July 2014)
- 1015 Access codes/numbers for mobile networks (According to ITU-T Recommendation E.164 (11/2010)) (Position on 1 November 2012)
- 1005 List of mobile country or geographical area codes (Complement to ITU-T Recommendation E.212 (05/2008)) (Position on 1 June 2012).
- 1002 List of Country or Geographical Area Codes for non-standard facilities in telematic services (Complement to ITU-T Recommendation T.35 (02/2000)) (Position on 15 April 2012)
- 1001 List of the national authorities designated to assign ITU-T Recommendation T.35 terminal provider codes (Position on 1 April 2012)
- 1000 Service Restrictions (Recapitulatory list of service restrictions in force relating to telecommunications operation) (Position on 15 March 2012)
- 994 Dialling Procedures (International prefix, national (trunk) prefix and national (significant) number) (In accordance with ITU-T Recommendation E.164 (11/2010)) (Position on 15 December 2011)
- 991 List of ITU-T Recommendation E.164 assigned country codes (Complement to ITU-T Recommendation E.164 (11/2010)) (Position on 1 November 2011)
- 991 Call-Back and alternative calling procedures (Res. 21.PP-2006)
- 980 List of Telegram Destination Indicators (In accordance with ITU-T Recommendation F.32 (10/1995)) (Position on 15 May 2011)
- 978 List of Telex Destination Codes (TDC) and Telex Network Identification Codes (TNIC) (Complement to ITU-T Recommendations F.69 (06/1994) and F.68 (11/1988)) (Position on 15 April 2011)
- 977 List of Data Network Identification Codes (DNIC) (According to ITU-T Recommendation X.121 (10/2000))
- 976 List of Data Country or Geographical Area Codes (Complement to ITU-T Recommendation X.121 (10/2000)) (Position on 15 March 2011)
- 974 List of Names of Administration Management Domains (ADMD) (In accordance with ITU-T F.400 and X.400 series Recommendations) (Position on 15 February 2011)
- 972 List of terrestrial trunk radio mobile country codes (Complement to ITU-T Recommendation E.218 (05/2004)) (Position on 15 January 2011)
- 955 Various tones used in national networks (According to ITU-T Recommendation E.180 (03/98)) (Position on 1 May 2010)
- 669 Five-letter Code Groups for the use of the International Public Telegram Service (According to ITU-T Recommendation F.1 (03/1998))

B. The following Lists are available online from the ITU-T website:

- |   |  |
|---|--|
| List of ITU Carrier Codes (ITU-T Rec. M.1400 (03/2013)) | <a href="http://www.itu.int/ITU-T/inr/icc/index.html">www.itu.int/ITU-T/inr/icc/index.html</a>             |
| Bureaufax Table (ITU-T Rec. F.170)                      | <a href="http://www.itu.int/ITU-T/inr/bureaufax/index.html">www.itu.int/ITU-T/inr/bureaufax/index.html</a> |
| List of recognized operating agencies (ROAs)            | <a href="http://www.itu.int/ITU-T/inr/roa/index.html">www.itu.int/ITU-T/inr/roa/index.html</a>             |

## Approval of ITU-T Recommendations

By AAP-87, it was announced that the following ITU-T Recommendations were approved, in accordance with the procedures outlined in Recommendation ITU-T A.8:

- ITU-T Q.1912.5 D (08/2016): Interworking between session initiation protocol (SIP) and bearer independent call control protocol (BICC) or ISDN user part (ISUP): Test suite structure and test purposes (TSS&TP) for profile C
- ITU-T Q.3228 (08/2016): Signalling Requirements and Protocol at the M1 interface between the transport location management physical entity and the mobile location management physical entity (P)
- ITU-T Q.3229 (08/2016): Signalling Requirements and Protocol at the M2 interface between the transport location management physical entity and the handover decision and control physical entity
- ITU-T Q.3231 (08/2016): Signalling Requirements and Protocol at the Ne interface between the transport location management physical entity and the network access configuration physical entity
- ITU-T Q.3404 (08/2016): Signalling requirements for NGN real-time multimedia services supporting IPv6 transition
- ITU-T Q.3629 v.1 (08/2016): Interworking between the IP Multimedia (IM) Core Network (CN) subsystem and Circuit Switched (CS) networks. Protocol specification
- ITU-T Q.3711 (08/2016): Signalling requirements for software-defined broadband access network
- ITU-T Q.3712 (08/2016): Scenarios and signalling requirements of unified intelligent programmable interface for IPv6
- ITU-T Q.3920 (08/2016): Terms and definitions for conformance and interoperability
- ITU-T Q.4004.3 v.1 (08/2016): Communication Diversion using IP Multimedia core network subsystem; Conformance testing; Part 3: User side, TSS&TP
- ITU-T Q.4007.1 v.1 (08/2016): Explicit Communication Transfer (ECT) using IP Multimedia core network subsystem; Conformance testing; Part 1: Network side, User side, PICS
- ITU-T Q.4007.2 v.1 (08/2016): Explicit Communication Transfer (ECT) using IP Multimedia core network subsystem; Conformance testing; Part 2: Network side, TSS&TP
- ITU-T Q.4007.3 v.1 (08/2016): Explicit Communication Transfer (ECT) using IP Multimedia core network subsystem; Conformance testing; Part 3: User side, TSS&TP
- ITU-T Q.4008.1 v.1 (08/2016): Malicious Communication Identification (MCID) using IP Multimedia (IM) Core Network (CN) subsystem; Conformance Test Specification; Part 1: Protocol Implementation Conformance Statement (PICS)
- ITU-T Q.4008.2 v.1 (08/2016): Malicious Communication Identification (MCID) using IP Multimedia (IM) Core Network (CN) subsystem; Conformance Test Specification; Part 2: Test Suite Structure and Test Purposes (TSS&TP), network side
- ITU-T Q.4008.3 v.1 (08/2016): Malicious Communication Identification (MCID) using IP Multimedia (IM) Core Network (CN) subsystem; Conformance Test Specification; Part 3: Test Suite Structure and Test Purposes (TSS&TP), user side
- ITU-T Q.4009.1 v.1 (08/2016): Completion of Communications to Busy Subscriber (CCBS) and Completion of Communications by No Reply (CCNR) using IP Multimedia (IM) Core Network (CN) subsystem; Conformance Test Specification; Part 1: Protocol Implementation Conformance Statement (PICS)
- ITU-T Q.4009.2 v.1 (08/2016): Completion of Communications to Busy Subscriber (CCBS) and Completion of Communications by No Reply (CCNR) using IP Multimedia (IM) Core Network (CN) subsystem; Conformance Test Specification; Part 2: Test Suite Structure and Test Purposes (TSS&TP)

- ITU-T Q.4010.1 v.1 (08/2016): Message Waiting Indication (MWI) using IP Multimedia (IM) Core Network (CN) subsystem; Part 1: Protocol Implementation Conformance Statement (PICS)
- ITU-T Q.4010.2 v.1 (08/2016): Message Waiting Indication (MWI) using IP Multimedia (IM) Core Network (CN) subsystem; Part 2: Test Suite Structure and Test Purposes (TSS&TP), network side
- ITU-T Q.4010.3 v.1 (08/2016): Message Waiting Indication (MWI) using IP Multimedia (IM) Core Network (CN) subsystem; Part 3: Test Suite Structure and Test Purposes (TSS&TP), user side
- ITU-T Q.4011.3 v.1 (08/2016): Closed User Group (CUG) using IP Multimedia (IM) Core Network (CN) subsystem; Conformance Test Specification; Part 3: Test Suite Structure and Test Purposes (TSS&TP), user side
- ITU-T Q.4011.1 v.1 (08/2016): Closed User Group (CUG) using IP Multimedia (IM) Core Network (CN) subsystem; Conformance Test Specification; Part 1: Protocol Implementation Conformance Statement (PICS)
- ITU-T Q.4011.2 v.1 (08/2016): Closed User Group (CUG) using IP Multimedia (IM) Core Network (CN) subsystem; Conformance Test Specification; Part 2: Test Suite Structure and Test Purposes (TSS&TP), network side
- ITU-T Q.4012.1 v.1 (08/2016): Anonymous Communication Rejection (ACR) and Communication Barring (CB) using IP Multimedia (IM) Core Network (CN) subsystem 3GPP Release 10; Conformance Testing Specification Part 1: Protocol Implementation Conformance Statement (PICS)
- ITU-T Q.4012.2 v.1 (08/2016): Anonymous Communication Rejection (ACR) and Communication Barring (CB) using IP Multimedia (IM) Core Network (CN) subsystem; Conformance Test Specification; Part 2: Test Suite Structure and Test Purposes (TSS&TP), network side
- ITU-T Q.4012.3 v.1 (08/2016): Anonymous Communication Rejection (ACR) and Communication Barring (CB) using IP Multimedia (IM) Core Network (CN) subsystem; Conformance Test Specification; Part 2: Test Suite Structure and Test Purposes (TSS&TP), user side
- ITU-T Q.4016 (08/2016): Testing specification of call establishment procedures based on SIP/SDP and H.248 for a real-time fax over IP service
- ITU-T X.609.2 (08/2016): Managed P2P communications: Overlay Resource Control Protocol (ORCP)

## Extra-territorial use of Mobile Country Code (MCC) and Mobile Network Code (MNC) (According to Recommendation ITU-T E.212 (05/2008) – Annex E)

### Note from TSB\*

Pursuant to Annex E to Recommendation ITU-T E.212, the *Autorité de Régulation des Communications Electroniques et des Postes (ARCEP)* of France, and the *Direction des Communications Electroniques (D.C.E.)* of the Principality of Monaco, have notified to TSB that MCC+MNC 208 10 and MCC+MNC 208 20 will be used extra-territorially.

\* See current ITU Operational Bulletin No. 1108 of 15.IX.2016, pages 26-27.

## Telephone Service (Recommendation ITU-T E.164)

url: [www.itu.int/itu-t/inr/nnp](http://www.itu.int/itu-t/inr/nnp)

### Comoros (country code +269)

Communication of 29.VIII.2016:

The *Autorité Nationale de Régulation des Technologies de l'Information et de la Communication (ANRTIC)*, Moroni, announces the national numbering plan of the Union of the Comoros.

Presentation of E.164 national numbering for country code +269

a) Overview:

Minimum number length (excluding the country code): 7 digits

Maximum number length (excluding the country code): 7 digits

b) Detail of numbering plan:

(1) <i>NDC (National Destination Code) or leading digits of N(S)N (National (Significant) Number))</i>	(2) <i>N(S)N number length</i>		(3) <i>Usage of ITU-T E.164 number</i>	(4) <i>Additional information</i>
	<i>Maximum length</i>	<i>Minimum length</i>		
2	-	-	In reserve	Future development
3	7 digits	7 digits	Long non-geographical numbers Mobile telephony services	Comores Telecom
4	7 digits	7 digits	Long non-geographical numbers Mobile telephony services	TELCO
6	-	-	In reserve	Future development
74	7 digits	7 digits	Geographical numbers CDMA network Fixed telephony services	TELCO
75	7 digits	7 digits	Geographical numbers Wired network Fixed telephony services	TELCO
76	7 digits	7 digits	Geographical numbers CDMA network Fixed telephony services	Comores Telecom
77	7 digits	7 digits	Geographical numbers Wired network Fixed telephony services	Comores Telecom
8	7 digits	7 digits	Long numbers Value-added services (VAS)	Various operators
9	-	-	In reserve	Future development

Contact:

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## Denmark (country code +45)

CORRIGENDUM\* - Communication of 7.IX.2016:

The *Danish Energy Agency*, Copenhagen, announces the following changes to the Danish telephone numbering plan:

- Assignment – M2M communication services

<i>Provider</i>	<i>Numbering series*</i>	<i>Date of assignment</i>
SimService A/S	37100115ijkl, 37100116ijkl, 37100117ijkl, 37100118ijkl, 37100119ijkl, 37100120ijkl, 37100121ijkl, 37100122ijkl, 37100123ijkl and 37100124ijkl	9.VIII.2016

\* This announcement cancels and replaces that published in ITU Operational Bulletin No. 1107 of 1.IX.2016, page 5, M2M communication services for SimService A/S.

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## Uganda (country code +256)

Communication of 24.VIII.2016:

The *Uganda Communications Commission (UCC)*, Kampala, announces the National Numbering Plan of Uganda.

### ITU-T E.164 NATIONAL NUMBERING PLAN FOR COUNTRY CODE 256

#### a) Overview

The minimum number length (excluding the country code) is 9 digits

The maximum number length (excluding the country code) is 9 digits

#### b) Details of numbering scheme

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		
200 201	9	9	Fixed telephony services for Airtel Uganda Limited	Network fully operational
20240	9	9	Fixed telephony services for Altech Infocom Limited	Network fully operational
20300, 20301 20302 20303 20304	9	9	Fixed telephony services for Afrimax Uganda Limited	Network fully operational
204	9	9	Fixed telephony services for Africell Uganda Limited	Network fully operational
2050 2051 2052 2053 2054	9	9	Fixed telephony services for Roke Investment International Limited	Network fully operational
206000 206001 206002	9	9	Fixed telephony services for Datanet	Network fully operational
206300 206301 206302 206303 206304	9	9	Fixed telephony services for Simbanet Uganda Limited	Network fully operational
2065 2066 2067 2068 2069	9	9	Fixed telephony services for Suretelecom Uganda Limited	Network fully operational
207	9	9	Fixed telephony services for Airtel Uganda Limited	Network fully operational



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		
208000 208001 208002	9	9	Fixed telephony services for One Solutions Uganda Limited	Network is fully operational
3	9	9	Fixed telephony services for MTN Uganda Limited	Network is fully operational
4	9	9	Fixed telephony services for Uganda Telecom Limited	Network is fully operational
700 701 702 703 704 705 706	9	9	Mobile telephony services for Airtel Uganda Limited	Network is fully operational
710 711 712 713 714 715 716 717 718 719	9	9	Mobile telephony services for Uganda Telecom Limited	Network is fully operational
720	9	9	Mobile telephony services for Smile Communications (U) Ltd	Network is fully operational
723	9	9	Mobile telephony services for Afrimax Uganda Limited	Network is fully operational
7260	9	9	Mobile telephony services for Tangerine Limited	Network is fully operational
730	9	9	Mobile telephony services for K2 Telecom Limited	Network is fully operational
740 741 742 743 744	9	9	Mobile telephony services for Sure Telecom (U) Limited	Network is fully operational
750 751 752 753 754 755 756 757 758 759	9	9	Mobile telephony services for Airtel Uganda Limited	Network is fully operational

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		
770 771 772 773 774 775 776 777 778 779	9	9	Mobile telephony services for MTN Uganda Limited	Network is fully operational
780 781 782 783 784 785 786 787 788 789	9	9	Mobile telephony services for MTN Uganda Limited	Network is fully operational
790 791 792 793 794	9	9	Mobile telephony services for Africell Uganda Limited	Network is fully operational

Contact:

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## **Zimbabwe (country code +263)**

Communication of 26.VIII.2016:

The *Postal and Telecommunications Regulatory Authority of Zimbabwe (POTRAZ)*, Harare, announces the updated national numbering plan of Zimbabwe.

### **1. Definitions**

#### **Country Code (CC)**

Country Code (CC) is a digit or a combination of digits (one, two or three) identifying a specific country or countries.

#### **Dialling Plan**

A string or combination of decimal digits, symbols, that defines the method by which the numbering plan is used. A dialling plan includes the use of prefixes, suffixes, and additional information, supplementary to the numbering plan, required to complete the call.

#### **Geographic Area Code or Area Code (AC)**

This refers to an area code that has a defined geographic boundary. Geographic area codes are for conventional fixed-line (or land line) services terminating at fixed points.

The Public Switched Telephone Network (PSTN) is divided into several geographic areas. Each of the geographic area is allocated an area code.

#### **International Access Prefix (IAP)**

A digit or combination of digits used to indicate that the number following is an international directory number. In Zimbabwe the International Dialling Access Prefix is '00'.

#### **National Access Prefix (NAP) or Trunk Prefix**

A digit or combination of digits used by a calling subscriber to make a call to another subscriber in his own country, but outside his own numbering area or network. It provides access to the automatic outgoing trunk equipment.

In Zimbabwe, the digit zero ('0') is used as the National Access Prefix, indicating a call to another Geographic Area (fixed network) or a call from fixed to mobile network, mobile to mobile and any other network to VoIP network.

#### **National Destination Code (NDC)**

The NDC is a combination of digits identifying a different specific geographical area within a country or a different network or service group (Mobile or VoIP services).

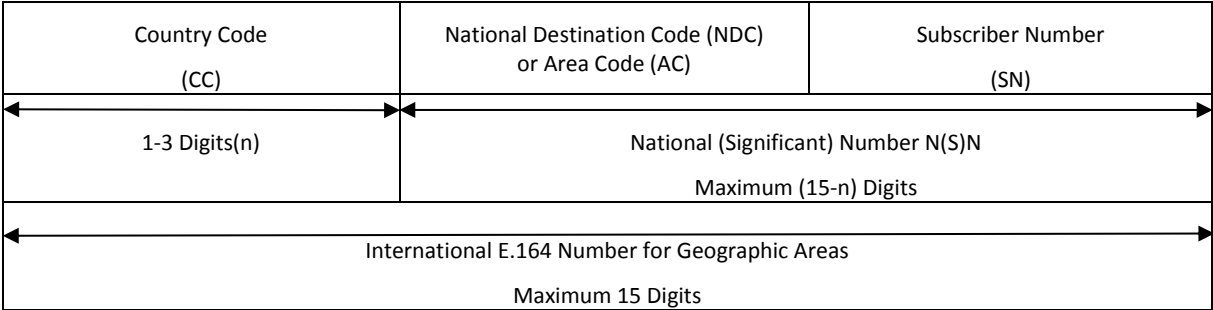
#### **Subscriber Number (SN)**

The portion of the international E.164-number that identifies the subscriber in a network or numbering area is called the Subscriber Number (SN).

X – The notation used in this plan to represent any digit from 0 to 9

**2. Structure of the international E.164-number**

The international E.164-number for geographic areas is composed of a variable number of decimal digits arranged in specific code fields. The international E.164-number code fields are the Country Code (CC) and the National Significant Number (NSN). National Significant Number (NSN) is the combination of the NDC and the SN.



**3. Dialling Plan**

**Local Dialling (PSTN)**

A subscriber in the same geographic area dials the Subscriber Number (SN) only.

Dialled digits for local PSTN call	SN (XXXXXXXX)
------------------------------------	---------------

**National Dialling**

A subscriber dialling a number in a geographical area that is outside own geographic area dials National Access Prefix, Area Code plus the subscriber number. A call from fixed to mobile, mobile to mobile or from any network to VoIP network within Zimbabwe is considered national.

Dialled digits for National Call (PSTN)	NAP + AC + SN
Other Networks (MOBILE/VoIP)	NAP + NDC + SN

**International Dialling**

A subscriber dialling an international number dials the International Access Prefix, country Code, Area Code/Network Destination Code plus the subscriber number.

The plus sign (+) can be used to indicate an international access prefix. (e.g. +263 for Zimbabwe).

Dialled digits (PSTN)	IAP + CC + AC + SN
Other Networks (MOBILE/VoIP)	IAP + CC + NDC + SN

#### 4. Special Codes and Access Prefixes

<i>DIGITS</i>	<i>SERVICE</i>	<i>Comments/Remarks</i>
<b>'0'</b>	<b>National Access Prefix (Trunk Prefix)</b>	This indicates a call to another geographic area, Mobile Service Number or VoIP Services number.
<b>00</b>	<b>International Access Prefix</b>	The digits '00' are used as International Access Prefix. This indicates an international call or a call outside Zimbabwe.
<b>7X</b>	Non-Geographical National Destination Codes (NDC) for Mobile Telephony Services	71 – NetOne Cellular 73 – Telecel Zimbabwe 77 – Econet Wireless Zimbabwe 78 – Econet Wireless Zimbabwe
<b>112</b>	Emergency Services	NetOne, PowerTel Communications Econet Wireless Zimbabwe Telecel Zimbabwe
<b>114</b>	MARS Emergency Call Centre	NetOne
<b>116</b>	Childline Help line	All Mobile Network Operators & Fixed Network
<b>119</b>	Emergency Services	Telecel Zimbabwe
<b>263</b>	<b>Country Code</b>	Zimbabwe Country Code
<b>904</b>	Automatic Ringback	Fixed Network
<b>908</b>	Test Desk	Fixed Network
<b>950</b>	Fault Report -Telephone	Fixed Network
<b>952</b>	Fault Report	Fixed Network
<b>953</b>	Fault Report - Data	Fixed Network
<b>960</b>	Time	Fixed Network
<b>961</b>	Childline	Fixed Network
<b>962</b>	Directory Enquiries	Fixed Network
<b>965</b>	International Directory Enquiries	Fixed Network
<b>966</b>	International Telephone booking	Fixed Network
<b>967</b>	Trunk Demand	Fixed Network
<b>968</b>	Trunk Enquiries	Fixed Network
<b>969</b>	Trunk Booking	Fixed Network
<b>993</b>	Fire	Emergency (Fixed Network)
<b>994</b>	Ambulance	Emergency (Fixed Network)
<b>995</b>	Police	Emergency (Fixed Network)
<b>999</b>	General Emergency (Fire/ Ambulance/Police)	Emergency (Fixed Network)
<b>86XX</b>	Non-Geographical National Destination Codes (NDC) for VoIP Telephony Services	VoIP Operators
<b>3XXXX</b>	Premium Rate Short Code Services	Mobile Operators
<b>080x</b>	Toll Free Numbers	All Operators

## 5. International Signaling Point Codes Assignments in Zimbabwe

<i>ISPC (Binary)</i>	<i>ISPC (Decimal)</i>	<i>Unique Name of the Signalling Point</i>	<i>Name of the Signalling Point Operator</i>
6-095-0	13048	Harare STP-202	Telecel Zimbabwe
6-095-1	13049	Econet Pockets Hill STP	Econet
6-095-2	13050	Econet Willowvale STP	Econet
6-096-0	13056	Harare TS (F150)	TelOne (Pvt) Ltd
6-096-1	13057	Gweru ITSC (AXE10)	TelOne (Pvt) Ltd
6-096-2	13058	ZWNET1A	NetOne (Pvt) Ltd
6-096-3	13059	ZWNET1B	NetOne (Pvt) Ltd
6-096-4	13060	Harare ISC (C&C08)	TelOne (Pvt) Ltd
6-096-5	13061	Econet Pockets Hill GMSC	Econet Wireless
6-096-6	13062	Gweru ITSC (C&C08)	TelOne (Pvt) Ltd
6-096-7	13063	Liquid Telecom	Liquid Telecom Zimbabwe
6-097-0	13064	Econet Willowvale GMSC	Econet Wireless
6-097-1	13065	PowerTel STP1 PowerTel	PowerTel Communications (Pvt) Ltd
6-097-2	13066	Harare STP-148	Telecel Zimbabwe
6-097-3	13067	Harare GMSC-148	Telecel Zimbabwe
6-097-4	13068	Africom	Africom (Pvt) Ltd
6-097-5	13069	Aquiva Wireless	Aquiva Wireless (Pvt) Ltd
6-097-6	13070	Aptics Trading	Aptics Trading (Pvt) Ltd
6-097-7	13071	Pecus VoIP	Pecus Enterprises

## 6. Public Mobile Telecommunication Network Services

National Subscriber Numbers for Public Mobile Telecommunication Network Services are non-geographic numbers and consists of the National Destination Code (NDC) and the Subscriber Number (SN).

The National Destination Code for Mobile Telecommunications Networks is alternatively is also known and the Mobile Network Code (MNC).

For Mobile to Mobile calls or mobile to PSTN /VoIP national calls the national prefix “0” needs to be dialled first, followed by the complete national destination number. For International Calls dial the international Access Prefix “00” followed by the country code and the National Number for the subscriber.

<i>Mobile Network Operator (MNO)</i>	<i>National Destination Code (NDC)</i>	<i>National Subscriber Number (SN)</i>	<i>National Significant Number (N(S)N)</i>
<b>NetOne Cellular</b>	71	2XXXXXX	9
		3XXXXXX	9
		4XXXXXX	9
		5XXXXXX	9
		6XXXXXX	9
		7XXXXXX	9
		8XXXXXX	9
<b>Telecel Zimbabwe</b>	73	2XXXXXX	9
		3XXXXXX	9
		4XXXXXX	9
		5XXXXXX	9
		6XXXXXX	9
		7XXXXXX	9
		8XXXXXX	9
		9XXXXXX	9
<b>Econet Wireless Zimbabwe</b>	77	1XXXXXX	9
		2XXXXXX	9
		3XXXXXX	9
		4XXXXXX	9
		5XXXXXX	9
		6XXXXXX	9
		7XXXXXX	9
		8XXXXXX	9
		9XXXXXX	9
	78	2XXXXXX	9
		3XXXXXX	9
		4XXXXXX	9
		5XXXXXX	9

## 7. Voice over Internet Telephony (VoIP) Services

National Subscriber Numbers for VoIP services are non-geographic numbers and consists of the National Destination Code (NDC) and the Subscriber Number (SN). For VoIP national calls the national prefix “0” needs to be dialled first, followed by the national significant number (NSN).

For international Calls, dial the international Access Prefix “00” followed by the country code and the National Significant Number.

<i>VoIP Services operator</i>	<i>National Destination Code (NDC)</i>	<i>National Subscriber Number (SN)</i>	<i>National Significant Number (NSN) Length</i>
<b>Africom (Pvt) Ltd</b>	8644	000000 – 099999	10
		229000 – 258999	10
<b>Aquiva Wireless (Pvt) Ltd</b>	8630	000000 – 000499	10
<b>Aptics Trading (Pvt) Ltd</b>	8686	000000 – 200000	10
<b>Dandemutande</b>	8612	000000 – 009999	10
<b>Liquid Telecoms (Ecoweb)</b>	8677	000000 – 614400	10
		700000 – 700500	10
<b>Pecus Enterprises (Pvt) Ltd</b>	8655	000000 – 025000	10
<b>PowerTel</b>	8611	200000 – 419999	10
<b>Telecontract (Pvt) Ltd</b>	8683	000000 – 009999	10
<b>TelOne (Pvt) Ltd</b>	8688	000000 – 009999	10

## 8. Toll Free Numbers

The following are toll free number allocations for Zimbabwe

<i>Operator</i>	<i>Toll Free Code</i>	<i>Toll Free Numbers</i>
<b>TelOne (Pvt) Ltd</b>	0800	0000 - 9999
<b>NetOne (Pvt) Ltd</b>	0801	0000 - 9999
<b>PowerTel Communications</b>	0802	0000 - 0999
<b>Econet Wireless Zimbabwe</b>	0808	0000 - 8999



## 9. Public Switched Telephone Networks (PSTN)

The National Subscriber Number for PSTN services is a geographic number. The Geographic Area Code or Area Code (AC) also known as Trunk Code (TC) defines each geographic area.

- For calls inside the same geographic numbering area (local calls), dial the Subscriber Number only.
- For national calls to other geographical areas, dial national prefix “0” followed by the National Significant Number (AC+SN).
- For international calls, dial the international Access Prefix “00” followed by the country code and the National Significant Number for the subscriber.

**\*\* Some Geographical /Exchanges Areas will use dual Area Codes\*\***

### 9.1. Harare

<i>Geographical Area (Exchange)</i>	<i>Area Code (AC) or National Destination Code (NDC)</i>	<i>National Subscriber Number (SN) start number – last number</i>	<i>National Subscriber Number (SN) Length</i>
Harare Main	4	2000000 – 2011099	7
		2256000 – 2257999	7
		2720000 – 2721999	7
Harare Main Unit 3	4	250000 – 255999	6
		700000 – 709999	6
Harare Main Unit 4	4	760000 – 769999	6
		790000 – 799999	6
		2900000 – 2939999	7
Harare Main Unit 6	4	730000 – 739999	6
Airport	4	575000 – 575999	6
		585000 – 585999	6
Athlone	4	448000 – 448999	6
		492000 – 492999	6
Avondale	4	302000 – 304999	6
		307000 – 308999	6
		314000 – 319999	6
		326000 – 329999	6
		330000 – 330999	6
		332000 – 336999	6
		337000 – 337999	6
		339000 – 339999	6
		371000 – 379999	6
390000 – 399999	6		
Belverdere RLU	4	740000 – 741999	6
Bluffhill	4	305000 – 305999	6
		310000 – 310999	6
		331000 – 331999	6
Borrowdale	4	2854000 – 2855999	7
		850000 – 886999	6
Braeside	4	742000 – 743999	6
		782000 – 782999	6
Cranborne	4	500000 – 509999	6
		570000 – 574999	6
		578000 – 584999	6
		586000 – 588999	6
Dzivarasekwa	4	216000 – 217999	6

<i>Geographical Area (Exchange)</i>	<i>Area Code (AC) or National Destination Code (NDC)</i>	<i>National Subscriber Number (SN) start number – last number</i>	<i>National Subscriber Number (SN) Length</i>
Eastlea	4	746000 – 746999	6
		776000 – 776999	6
		788000 – 788999	6
Epworth	4	577000 – 577999	6
Glen Norah	4	613000 – 613999	6
		680000 – 680999	6
Glen View	4	614000 – 615999	6
		645000 – 649999	6
		682000 – 688999	6
		690000 – 697999	6
Gunhill	4	744000 – 745999	6
		783000 – 783999	6
Highfields	4	611000 – 612999	6
		616000 – 616999	6
		689000 – 689999	6
Highlands	4	437000 – 439999	6
		442000 – 445999	6
		480000 – 484999	6
		488000 – 498999	6
Hillside	4	747000 – 747999	6
		778000 – 778999	6
Julius Nyerere Way	4	710000 – 719999	6
		748000 – 759999	6
		770000 – 775999	6
		777000 – 777999	6
		779000 – 781999	6
		784000 – 789999	6
Kambanje	4	493000 – 493999	6
Kuwadzana	4	207000 – 219999	6
		230000 – 239999	6
Mabvuku	4	459000 – 460999	6
		491000 – 491999	6
Malborough	4	300000 – 300999	6
		309000 – 309999	6
		313000 – 313999	6
Masasa	4	446000 – 447999	6
		485000 – 487999	6
Mayrick Park	4	306000 – 306999	6
		310500 – 312499	6
Mufakose	4	681000 – 681999	6
		698000 – 699999	6
Northwood	4	301000 – 301999	6
		338000 – 338999	6
		369000 – 369999	6
Southerton	4	620000 – 621999	6
		660000 – 669999	6
Sunningdale	4	576000 – 576999	6
		589000 – 589999	6
Warren Park	4	220000 – 229999	6
Waterfalls	4	610000 – 610999	6
Winchendon	4	860000 – 862999	6

## 9.2. Bulawayo

<i>Geographical Area (Exchange)</i>	<i>Area Code (AC) or National Destination Code (NDC)</i>	<i>National Subscriber Number (SN) start number – last number</i>	<i>National Subscriber Number (SN) Length</i>
Bellevue	9	460000 – 479999	6
Bellevue IMS	29	2460000 – 2469999	7
Bulawayo Main	9	229000 – 239999	6
		250000 – 259999	6
		280000 – 289999	6
		320000 – 320999	6
		330000 – 330999	6
		360000 – 360999	6
		370000 – 370999	6
		60000 – 79999	5
880000 – 889999	6		
Bulawayo Main IMS	29	2320000 – 2321999	7
Hillside	9	240000 – 249999	6
Killarney	9	290000 – 299999	6
Luveve	9	520000 – 529999	6
		560000 – 569999	6
Luveve IMS	29	2520000 – 2529999	7
Mabutewni	9	400000 – 439999	6
Nkulumane	9	480000 – 497999	6
Northend	9	200000 – 219999	6
Queensdale	9	226000 – 226999	6
		228000 – 228999	6

### 9.3. Mashonaland

<i>Geographical Area (Exchange)</i>	<i>Area Code (AC) or National Destination Code (NDC)</i>	<i>National Subscriber Number (SN) start number – last number</i>	<i>National Subscriber Number (SN) Length</i>
Arcturus	274	2000 – 2999	4
Banket	66	2000 – 3999	4
Beatrice	65	200 – 899	3
Bindura	271	6000 – 7999	4
Centenary	57	2000 – 2999	4
Chakari	688	200 – 899	3
Chegutu	53	2200 – 3999	4
Chinhoyi	67	21000 – 29999	5
Chirundu	637	200 – 899	3
Chitungwiza	270	21000 – 31999	5
Chitungwiza IMS	4	2722000 – 2723999	7
Concession	375	2000 – 2999	4
Darwendale	69	200 – 899	3
Glendale	376	2000 – 2899	4
Guruve	58	2000 – 2999	4
Kadoma	68	22000 – 28999	5
		31000 – 32999	5
Kariba IMS	261	2145000 – 2146799	7
Karoi IMS	264	2142000 – 2143699	7
Makuti	63	200 – 899	3
Mazowe IMS	275	2195000 – 2195499	7
Mhangura	60	5000 – 5999	4
Mt. Darwin	275	2200 – 4199	4
Murewa	278	22000 – 24999	5
Murombedzi	675	2000 – 2999	4
Mutoko	272	2000 – 2999	4
Mutorashanga	668	200 – 899	3
Mvurwi	277	2000 – 2999	4
Norton	62	2000 – 3999	4
Norton IMS	4	2010600 – 2011099	7
Raffingora	667	200 – 899	3
Ruwa IMS	273	2132000 – 2133699	7
Sanyati	687	2000 – 2999	4
Selous	628	44000 – 44999	5
Selous IMS	4	2008500 – 2010599	7
Shamva	371	200 – 899	3
Trelawney	698	200 – 899	3

#### 9.4. Midlands

<i>Geographical Area (Exchange)</i>	<i>Area Code (AC) or National Destination Code (NDC)</i>	<i>National Subscriber Number (SN) start number – last number</i>	<i>National Subscriber Number (SN) Length</i>
Chivhu	56	2000 – 3999	4
Gokwe	59	2000 – 3999	4
Gweru	54	220000 – 232999	6
		250000 – 253999	6
		255000 – 258999	6
		260000 – 262999	6
Gweru IMS	254	2232000 – 2233999	7
Kwekwe Battlefields	55	70000 – 70999	5
Kwekwe Main	55	20000 – 26999	5
Kwekwe Mbizo 1 RLU	55	40000 – 45999	5
Kwekwe Mbizo 2 RLU	55	46000 – 47999	5
Kwekwe Redcliff RLU	55	62000 – 63999	5
Kwekwe Redcliff RLU	55	67000 – 69999	5
Lalapanzi	5483	200 – 899	3
Munyati	557	200 – 899	3
Mvuma	32	200 – 899	3
Nkayi	558	200 – 899	3
Shurugwi	52	6000 – 6999	4

## 9.5. Manicaland

<i>Geographical Area (Exchange)</i>	<i>Area Code (AC) or National Destination Code (NDC)</i>	<i>National Subscriber Number (SN) start number – last number</i>	<i>National Subscriber Number (SN) Length</i>
Birchenough Bridge	248	2000 – 2999	4
Chikanga IMS	220	2010000 – 2011599	7
Chimanimani	26	2000 – 3999	4
Chipangayi	24	200 – 899	3
Chipinge IMS	227	2042000 – 2043499	7
		2044400 – 2044599	7
		2045600 – 2045799	7
Dangamvura IMS	220	2030000 – 2031699	7
Dangamvura RLU	20	30000 – 31999	5
Hauna	228	2000 – 2999	4
Headlands	2582	2000 – 2599	4
Juliasdale	229	2000 – 2999	4
Macheke	379	200 – 899	3
Marondera	279	20000 – 28999	5
Marondera IMS	4	2728000 – 2729999	7
Murambinda	21	2000 – 2999	4
Murambinda IMS	221	2058000 – 2058499	7
Mutare	20	60000 – 69999	5
Mutare IMS	220	2010000 – 2011599	7
		2020000 – 2022999	7
		2026000 – 2027999	7
Nyanga IMS	329	2098000 – 2098799	7
Nyazura	2583	200 – 899	3
Odzi	204	2000 – 2999	4
Penhalonga	205	22000 – 22999	5
Rusape IMS	225	2050000 – 2052999	7
Wedza	222	2000 – 2999	4

## 9.6. Masvingo

<i>Geographical Area (Exchange)</i>	<i>Area Code (AC) or National Destination Code (NDC)</i>	<i>National Subscriber Number (SN) start number – last number</i>	<i>National Subscriber Number (SN) Length</i>
Chatsworth	308	200 – 899	3
Checheche	317	200 – 899	3
Chiredzi	31	2200 – 4199	4
		5000 – 5999	4
Chiredzi	231	2312200 – 2314199	7
		2315000 – 2315199	7
Gutu	30	2000 – 3999	4
Jerera	34	2000 – 2999	4
Mashava	35	2000 – 2999	4
Masvingo (Main)	39	260700 – 269699	6
Masvingo (Mucheke RLU)	39	252000 – 255999	6
Masvingo EPL	39	7000 – 7999	4
Mataga	517	200 – 899	3
Mberengwa	518	200 – 899	3
Ngundu	36	200 – 899	3
Nyaningwe	337	200 – 899	3
Nyika	338	200 – 899	3
Rutenga	14	200 – 899	3
Triangle	33	5000 – 6999	4
Zvishavane	51	2000 – 4999	4
Zvishavane IMS	251	2355000 – 2355499	7

## 9.7. Matabeleland

<i>Geographical Area (Exchange)</i>	<i>Area Code (AC) or National Destination Code (NDC)</i>	<i>National Subscriber Number (SN) start number – last number</i>	<i>National Subscriber Number (SN) Length</i>
Beitbridge	286	22000 – 23999	5
Binga	15	200 – 899	3
Dete	18	200 – 899	3
Esigodini	288	200 – 899	3
Figtree	283	200 – 899	3
Filabusi	17	200 – 899	3
Gwanda	284	20000 – 24999	5
Gwanda	284	29000 – 29999	5
Gwanda IMS	284	2890000 – 2894999	7
Hwange	281	20000 – 20999	5
		22000 – 24999	5
		28000 – 30999	5
		32000 – 34999	5
Jotsholo	289	200 – 899	3
Kezi	282	200 – 899	3
Lupane	398	200 – 899	3
Matopos	383	200 – 899	3
Nyamandhlovu	387	200 – 899	3
Plumtree IMS	219	2805000 – 2806699	7
Shanagani	50	200 – 899	3
Tsholotsho	287	200 – 899	3
Turkmine	285	200 – 899	3
Victoria Falls	13	40000 – 46999	5
		48000 – 49999	5
Victoria Falls IMS	213	2840000 – 2847999	7
West Nicholson	16	200 – 899	3

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 URL: www.potraz.gov.zw



## Service Restrictions

See URL: [www.itu.int/pub/T-SP-SR.1-2012](http://www.itu.int/pub/T-SP-SR.1-2012)

<i>Country/geographical area</i>	<i>OB</i>
Seychelles	1006 (p.13)
Slovakia	1007 (p.12)
Thailand	1034 (p.5)
São Tomé and Príncipe	1039 (p.14)
Uruguay	1039 (p.14)
Hong Kong, China	1068 (p.4)

## Call – Back and alternative calling procedures (Res. 21 Rev. PP – 2006)

See URL: [www.itu.int/pub/T-SP-PP.RES.21-2011/](http://www.itu.int/pub/T-SP-PP.RES.21-2011/)

# AMENDMENTS TO SERVICE PUBLICATIONS

Abbreviations used

<b>ADD</b>	Insert	<b>PAR</b>	paragraph
<b>COL</b>	Column	<b>REP</b>	replace
<b>LIR</b>	Read	<b>SUP</b>	Delete
<b>P</b>	page(s)		

## Mobile Network Codes (MNC) for the international identification plan for public networks and subscriptions (According to Recommendation ITU-T E.212 (05/2008)) (Position on 15 October 2015)

(Annex to ITU Operational Bulletin No. 1086 - 15.X.2015)  
(Amendment No. 19)

<i>Country/Geographical area</i>	<i>MCC+MNC *</i>	<i>Operator/Network</i>
<b>Australia ADD</b>		
	505 38	Truphone Pty Ltd
<b>Bahamas ADD</b>		
	364 49	NEWCO2015
<b>South Africa ADD</b>		
	655 73	Wireless Business Solutions (Pty) Ltd
	655 74	Wireless Business Solutions (Pty) Ltd

**Extra-territorial use\*\*\* of MCC/MNC, Annex E to Recommendation ITU-T E.212**

<b>Country or Geographical Area</b>	<b>MCC+MNC*</b>	<b>MSIN** range to be used</b>	<b>Operators Name</b>
France (Country A)	208 10	0000000000 - 2654099999; 2654200000 - 2654299999; 2654400000 - 2754099999; 2754200000 - 2754299999; 2754400000 - 9999999999	Société Française du Radiotéléphone
Monaco (Country B – Where the MCC+MNC is to be used extra-territorially)	208 10	2654100000 - 2654199999; 2654300000 - 2654399999; 2754100000 - 2754199999; 2754300000 - 2754399999	Société Française du Radiotéléphone
France (Country A)	208 20	0000000000 - 0055499999; 0055600000 - 2007199999; 2007300000 - 9999999999	Bouygues Telecom
Monaco (Country B – Where the MCC+MNC is to be used extra-territorially)	208 20	0055500000 - 0055599999; 2007200000 - 2007299999	Bouygues Telecom

\* MCC: Mobile Country Code / Indicatif de pays du mobile / Indicativo de país para el servicio móvil

MNC: Mobile Network Code / Code de réseau mobile / Indicativo de red para el servicio móvil

\*\* MSIN: Mobile Subscription Identification Number / numéro d'identification d'abonnement mobile / número de identificación de suscripción al servicio móvil

\*\*\* As defined in Annex E to Recommendation ITU-T E.212, extra-territorial use of an MCC+MNC is the term used to describe the situation where an MCC+MNC that has been assigned to an operator in one country, Country A, is used in another country, Country B, through a base station established in Country B.

**List of ITU Carrier Codes**  
**(According to Recommendation ITU-T M.1400 (03/2013))**  
**(Position on 15 September 2014)**

(Annex to ITU Operational Bulletin No. 1060 – 15.IX.2014)  
(Amendment No. 31)

<i>Country or area/ISO code Company Name/Address</i>	<i>Company Code (carrier code)</i>	<i>Contact</i>
<b>Germany (Federal Republic of) / DEU</b>	<b>ADD</b>	
EnoCom GmbH Lauterbergstr. 1-5 76137 KARLSRUHE	<b>ENOCOM</b>	Mr Frank Notheis Tel: +49 721 3522231 Fax: +49 721 352 25 2231 E-mail: frank.notheis@enocom.de
Mediaport GmbH Medienallee 24 85774 UNTERFOEHRING	<b>CSURF</b>	Mr Marcel Gondolf Tel: +49 8995083327 Fax: +49 8995083109 E-mail: m.gondolf@cablesurf.de
NGN Telecom GmbH Kistlerhofstraße 111 81379 MUNICH	<b>NGN</b>	Mr Gregor Türpe Tel: +49 89 1250342 42 Fax: +49 89 1250342 99 E-mail: g.tuerpe@ngn-tele.com
Stadtwerke Engen GmbH Eugen-Schaedler-Strasse 3 78234 ENGEN	<b>SWENG</b>	Tel: +49 7733 94800 Fax: +49 7733 948020 E-mail: info@stadtwerke-engen.de
Stadtwerke Kaltenkirchen GmbH Kamper Weg 38 24568 KALTENKIRCHEN	<b>KKCO</b>	Tel: +49 4191 936 0 Fax: +49 4191 936 270 E-mail: info@kakiconnect.de
willy.tel GmbH Hinschenfelder Stieg 6 22041 HAMBURG	<b>WTHAM</b>	Mr Jan Storl Tel: +49 40 696963 303 Fax: +49 40 696963 309 E-mail: jan.storl@willytel.de
zollernalb-data GmbH Wasserwiesen 37 72336 BALINGEN	<b>ZDGBMH</b>	Tel: +49 7433 9989 520 Fax: +49 7433 9989 529 E-mail: ep@zollernalbdata.de

<i>Country or area/ISO code Company Name/Address</i>	<i>Company Code (carrier code)</i>	<i>Contact</i>
<b>Germany (Federal Republic of) / DEU</b>	<b>LIR</b>	
Plusnet GmbH & Co. KG Matthias-Brueggen-Strasse 55 D-50829 COLOGNE	<b>PNET</b>	Tel: +49 221 669 8000 Fax: +49 221 669 8009 E-mail: info@plusnet.de
XConnect GmbH (ex Flexagon GmbH) Marsstrasse 21 80335 MÜNCHEN	<b>FLEX01</b>	Mr Elmar Koerner Tel: +49 2421 9857 20 Fax: +49 2421 9857 57 E-mail: e.koerner@xconnect.de

**List of International Signalling Point Codes (ISPC)  
(According to Recommendation ITU-T Q.708 (03/1999))  
(Position on 1 January 2015)**

(Annex to ITU Operational Bulletin No. 1067 – 1.I.2015)  
(Amendment No. 40)

<i>Country/ Geographical Area</i>	<i>Unique name of the signalling point</i>	<i>Name of the signalling point operator</i>
<i>ISPC      DEC</i>		
<b>Germany    LIR</b>		
2-038-0    4400	Frankfurt	MTX Connect Limited
<b>Zimbabwe   SUP</b>		
6-097-1    13065	Bluesat Access (Pvt) Ltd	Bluesat Access (Pvt) Ltd
<b>Zimbabwe   ADD</b>		
6-097-1    13065	PowerTel STP1	PowerTel Communications (Pvt) Ltd

ISPC: International Signalling Point Codes.  
Codes de points sémaphores internationaux (CPSI).  
Códigos de puntos de señalización internacional (CPSI).

## **National Numbering Plan (According to Recommendation ITU-T E.129 (01/2013))**

Web: [www.itu.int/itu-t/inr/nnp/index.html](http://www.itu.int/itu-t/inr/nnp/index.html)

Administrations are requested to notify ITU about their national numbering plan changes, or to give an explanation on their webpage concerning the national numbering plan as well as their contact points, so that the information, which will be made available freely to all administrations/ROAs and service providers, can be posted on the ITU-T website.

For their numbering website, or when sending their information to ITU/TSB (e-mail: [tsbtson@itu.int](mailto:tsbtson@itu.int)), administrations are kindly requested to use the format as explained in Recommendation ITU-T E.129. They are reminded that they will be responsible for the timely update of this information.

From 15.VIII.2016 the following countries have updated their national numbering plan on our site:

<i>Country</i>	<i>Country Code (CC)</i>
Burkina Faso	+226
Germany	+49
Kenya	+254
Kiribati	+686
Monaco	+377
Russian Federation	+7
Tanzania	+255