

TANZANIA COMMUNICATIONS REGULATORY AUTHORITY ISO 9001:2015 CERTIFIED







NATIONAL NUMBERING PLAN



THE UNITED REPUBLIC OF TANZANIA TANZANIA COMMUNICATIONS REGULATORY AUTHOURITY



NATIONAL NUMBERING PLAN

And

List of Numbering Resource Assignments (United Republic of Tanzania)

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Definitions

Country Code (CC) for Geographic Areas: The combination of one, two or three digits identifying a specific country, countries in an integrated numbering plan, or a specific geographic area.

Country Code (CC) for Networks: A shared 3-digit Country Code used in combination with an identification code to identify an international Network.

Global Service: A service defined by the International Telecommunication Union Telecommunication Standardization Sector (ITU-T), provisioned in the public switched network, to which the ITU-T has assigned a specific country code to enable the provision of that international service between two or more countries and/or integrated numbering plans.

Identification Code (IC): The code subsequent to a shared E.164 Country Code that uniquely identifies an international Network.

International Prefix: A digit or combination of digits to be dialled by a calling subscriber making a call to a subscriber in another country to obtain access to the automatic outgoing international equipment (000 for Tanzania).

International Switched Dialling code (ISD code): The same as the International Prefix explained here before

International number: The number to be dialled following the international prefix to obtain a subscriber in another country.

International Signalling Point Code (ISPC): This is a signalling point code with a unique 14-bit format used at the international level for signalling message routing and identification of signalling points involved.

National Destination Code (NDC): A nationally optional code field within the E.164 number plan, which combined with the subscriber's number (SN), will constitute the national (significant) number of the international public telecommunication number for geographic areas. The NDC will have a network and/or trunk code selection function.

National (Significant) Number (N(S) N): The number to be dialled following the national (trunk) prefix to obtain a subscriber in the same country (or group of countries included in one integrated numbering plan) but outside the same local network or numbering area.

National (trunk) Prefix: A digit or combination of digits to be dialled by a calling subscriber, making a call to a subscriber in his own country but outside his numbering area. It provides access to the automatic outgoing trunk equipment.

Network: Internationally interconnected physical nodes and operational systems operated and maintained by one or more Recognized Operating Agencies (ROAs) to provide public telecommunication services. Private networks are not included in this section. **Note:** The use of capital 'N' in the word 'Networks' indicates that this definition applies

Numbering Systems: These are defined by numbering plans (the rules for formatting and allocating numbers) and dialling plans (the rules for using numbers to make calls), and together these determine the user-friendliness of a given system.

Number: A string of decimal digits that uniquely indicates the public network termination point. The number contains the information necessary to route the call to this termination point. A number can be in a format determined nationally or in an international format. The international format is known as the International Public Telecommunication Number, which includes the country code and subsequent digits, but not the international prefix.

Prefix: A prefix is an indicator consisting of one or more digits that allows the selection of different types of number formats (e.g. local, national or international), transit networks and/or the service. Prefixes are not part of the number and are not signalled over the inter-network or international boundaries.

Subscriber Number (SN): The number identifying a subscriber in a network or numbering area.

Subscriber Trunk dialling code (STD code): A digit or combination of digits to be dialled in the national traffic before the called subscriber's number to obtain a subscriber in another numbering area.

Trial Service: Temporary services offered by an innovator, researcher or start-up company conducting the trial or viability of potential new ICT innovation(s), research and studies in emerging issues.

Trunk Code (TC): A digit or combination of digits, not including the national (trunk) prefix, identifying the numbering area within a country (or group of countries included in one integrated numbering plan or specific geographic area).

Value Added Services (VAS): A service that is offered in addition to or in conjunction with basic telecommunication services such as voice call, short message service (SMS), multimedia messaging service (MMS) and data access.

Introduction

In pursuance of Section 79 of the Electronic and Postal Communications Act, 2010 and Section 4 (1), 5 and 6 of the Electronic and Postal Communications (Electronic Communication Numbering and Addressing) Regulation, 2018, TCRA has the overall responsibility to manage and monitor all electronic communication numbers and addresses which include: -

- a) Planning, allocation, assignment, reservation and withdraw of Communications Numbering and addressing resources; and
- b) Monitoring utilization of the administered resources to ensure compliance.

For that reason, TCRA has developed a national numbering plan that is conformity to the International Telecommunication Union's Recommendations, ITU-T E.164 (International public telecommunication numbering plan), ITU-T E.169 (Universal Freephone, premium rate and shared cost services), ITU-T E.212 (IMSI codes), ITUT-Q.708 (signalling area network codes) and ITU-T X.121 (Public data networks) and other appropriate ITU-T Recommendations.

The plan provides national numbering scheme that has taken into account on the industry development including emergence of new technologies for provisional of new applications and services as well as provision of numbers for testing of trial services.

This national Numbering plan consist of four parts which includes:

I. Telephone Numbering Plan and allocation for Access Services

This part provides the numbering structure in a set-up based on service provisional for acquiring, receiving, using, or transmitting a telecommunication service. The plan provides available number format for different access services at the national, regional and international level.

II. Numbers for Public communications

This part provides numbers available for the public/consumers to receive service without incurring any cost. There are two categories of the numbers:

i. Telephone numbers made available for use without being allocated to specific service provider. These includes all customer assistance services which the service provider is urged to provide to the customer.

ii. Telephone Numbers made available and assigned to specific agency/ministry/department for provision of life and safety services.

III. Numbers allocated for Identifications of Public Cellular Network

This part provides planned numbers allocated for Identifiers of Public Cellular Network operating in Tanzania and includes the Issuer Identifier Numbers (IIN)/SIM HEADER assignments for Public Cellular Network in the Country, Data Network Identification Codes (DNIC) for Public Data Networks and Mobile Country Code / Mobile Network Code (MCC/MNC)

IV. Other Assignments

This part provides details of numbers planned for Value Added Services (VAS Short Codes-SMS & USSD), Utility Services, Voice Mail, Carrier and Pre-Selection Codes and Local Special Services Access Codes.

PART I

Telephone Numbering Plan for Access Services

Numbering structure (format) based on access service provision that include the following:

1.1 Access Codes

Access codes are prefix numbers used as the services identification number for acquiring, receiving, using, or transmitting a telecommunication service. **0T** is the format used for access code for provision of different services where T stands for the application of the given access code. The list of service under access codes are listed in the table 1 below.

Table	I. Access	Codes i oi	Dillerent Ser	11000

ОТ	Services	
00	Regional prefix	
01	Reserved for carrier selection use	
02	PSTN services	
03	Machine to Machine Communications Services	
04	Corporate Services (e.g. VoIP)	
05	05 Corporate networks	
06	"Find me anywhere" Services	
07	"Find me anywhere" Services	
08	08 Special service number range	
09	Premium rate and multimedia service	

1.2 Regional and International Prefix

- International Prefix: 000 + CC + NDC + SN
 Where CC stands for Country Code for Network
 NDC stand for National Destination Code
 SN stands for Subscriber Number
- ii. The East African Countries made arrangements on the calling format as listed in table 2 below. It aimed at not calling each other through normal country code international dialling format.

Table 2: East African countries the calling format

То	Calling Format
Kenya	005 + NDC + SN
Uganda	006 + NDC + SN
Rwanda	004 + NDC + SN
Burundi	003+NDC + SN

1.3 Public Switched Telephone Network Services (PSTN)

This refers to traditional circuit-switched telephone network, operated by telecommunication service providers for the purpose of providing fixed communication services.

Numbering format for PSTN services under 02 access code has been planned as **02A Y XXXXXX**

Where: NDC for geographical areas has 7 codes in line with the international trend for fewer and bigger local dialling areas. **02** is the access code and

A is part of the NDC code representing the dialling Area code

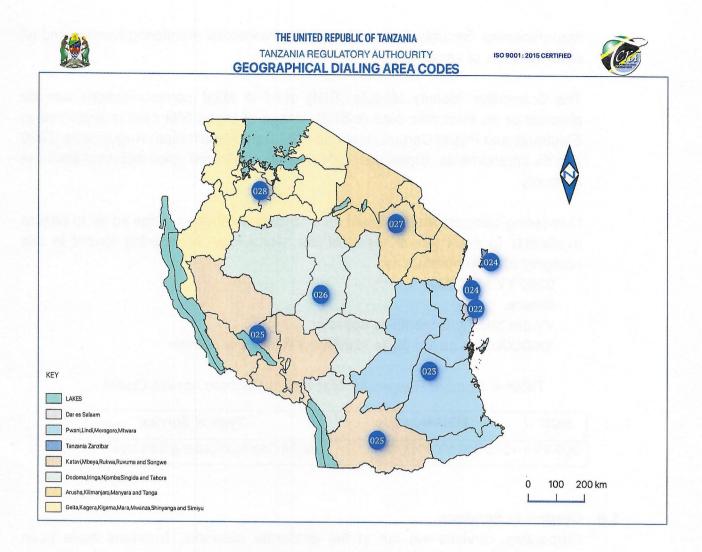
Y is part of the subscriber number representing the operator offering the service

X is representing the subscriber number where the subscriber (SN) is seven digits in length.

Table 3: Geographic dialling area codes

02A	Geographic dialling area allocated	
020	Reserved for future use	
021	Reserved for future use	
022	Dar es Salaam Region	
023	Coast, Lindi, Morogoro, Mtwara Regions	
024	Zanzibar (including Pemba and Unguja) Regions	
025	Katavi, Mbeya, Rukwa, Ruvuma and Songwe Regions	
026	Dodoma, Iringa, Njombe, Singida and Tabora Regions	
027	Arusha, Kilimanjaro, Manyara and Tanga Regions	
028	Geita, Kagera, Kigoma, Mara, Mwanza, Shinyanga and Simiyu	
	Regions	
029	Reserved for future use	

The above table is pictorially depicted in the below map.



1.4 Machine to Machine Communications Services (M2M)

Machine to Machine Communications Services (M2M) are numbers planned for service that require use of Mobile Station International Subscriber Directory Number (MSISDN) at minimum or no human intervention. M2M communication is where devices can transfer data to other devices over a network without much human intervention.

M2M/IoT services considered under this category include but not limited to Automotive & transport such as car tracking, utilities such smart metering and grids, healthcare (e-health, m-health, telemedicine and assisted living), smart agriculture, smart buildings (structural health, access control and security, lighting, water, lifts, fire and smoke alarms, power and cooling systems), smart

manufacturing, Security & surveillance, Environmental monitoring homes, and all other services of same nature.

The Subscriber Identity Module (SIM) used in M2M communications can be physical or an electronic card (e-SIM). Usage of these SIM card is subjected to Electronic and Postal Communications (SIM Card Registration) Regulations, 2020 and its amendments. Embedded SIM (e-SIM) is allowed upon approval from the Authority.

Numbering category are assigned on a 15-digit numbering range so as to ensure availability to meet future needs of this technology. Numbering format in this category of M2M numbers is:

0300 YY XXXXXXX

Where

YY are two digits identifies operator

XXXXXXX are seven digits identifying subscriber number

Table 4: Number Ranges for Machine to Machine Access Codes

NDC	M2M Number	Type of Service
300 YY	+255 300 YY XXXXXXX	M2M Communications Services

1.5 Corporate Services

Corporates services set out in the corporate networks. Numbers have been planned for provisional of defined services offered over the internet such as VoIP. The numbering format for this category is:

040 YY XXXXX

Where

YY digits identifies operator

XXXXX digits identifying subscriber number

Table 5: Corporate Services

S/N	Number Range/Code	Service Type
1.	040 YY XXXXX	SPARE
2.	041 YY XXXXX	Voice over IP (VoIP)
3.	(042-049) YY XXXXX	SPARE

1.6 Corporate Network

Corporates that have networks utilized for private data networks or public data networks. The numbering format for this category is:

05B YY XXXXX

Where

B identifies the network

YY identifies the operator

XXXXX 5 digits for subscriber Number.

Table 6: Corporate Network

S/N	05X XXXXX Range	Application
1.	050 YYXXXXX	Reserved
2.	(051 -055) YYXXXXX	Private Data Network
3.	(056 -058) YYXXXXX	Public Data Network
4.	(059)YYXXXXX	Reserved

1.7 The "Find me anywhere" Services (Mobile Network Destination Codes

The Mobile National Destination Codes (MNDC) classified as "find me anywhere" are used for accessing mobile communications services. These are numbers that are non-geographical and the call charge is not distance dependent. The numbering format for this category is:

06YA XXXXXX and 07YA XXXXXX

Where

A Can take any digits except 0 and 1 which can be used on approval from TCRA

Y a single digit that identifies the operator network

XXXXXX 6 digits for subscriber Number

Table 7: Number Ranges for 'find me anywhere' Access Codes

06A/07A Ranges	Type of Service
060	Reserved for future use
061 -069	Assigned to mobile operators
070, 079	Spare for mobile operators
071, 073 -078	Assigned to mobile operators

1.8 Special and Fixed Rate Services

These include free-phone (National and Global use), shared cost services, national rate services, special rate services, premium and multimedia services for the voice. The numbering format for this category is:

08BB YY XXXX

Where

BB Identifies the type of service

YY Identifies the operator network

XXXX Four digits for subscriber Number

Table 8: Fixed & special rate services numbering assignments

S/N	08XX NUMBER RANGE	Definitions
1.	0800 BB XXXX	National Free phone (Local Toll Free).
2	0800 00 XXXX	National Free Phone for individual Organizations (Toll Free)
3.	0808 YY XXXX	International Rate Services (Special Service).
4.	0840 YY XXXX	Shared Cost Services (Special Services Local Rate).
5.	0860 YY XXXX	National Rate Services (Special Services Toll Rate).
6.	0861 YY XXXX	Special Rate Services (Special Services Fixed Rates).

1.9 Premium Rate Services Numbering

Number used for diverse services. These includes services such as Information service, entertainment services, chat services, mobile games, TV voting and competitions. The numbering format for this category is:

090B YY XXXX

Where

B Identifies the type of service

YY Identifies the operator network

XXXX Four digits for subscriber Number

Table 9: Premium Rate Services Numbering

S/N	090X NUMBER RANGE	Definitions
1.	0900 YY XXXX	Information Services (Premium Services)
2.	0901 YY XXXX	Entertainments Services (Multi-media Services)
3.	0902 YY XXXX	Competitions/Tele-voting
4.	0903 YY XXXX - 0909 YY XXXX	Spare

Table 10: List of Numbering Resources Assignment for Access Services

Z/S	APPLICATION	OPERATOR	ASSIGNED CODE	TYPE OF SERVICE	STATUS
	PSTN Access Codes	Tanzania Telecommunications Corporation	02A 2 + XXXXXX	PSTN Services	Operational
		MIC Tanzania PLC	02A 5 + XXXXXX	PSTN Services	Operational
2.	Machine to Machine	MIC Tanzania PLC	0300-00-XXXXXXX	Machine to Machine	Operational
	Access Codes	Airtel Tanzania PLC	0300-01-XXXXXXX	Machine to Machine	Operational
		Viettel Tanzania PLC	0300-02-XXXXXXX	Machine to Machine	Operational
		Vodacom Tanzania PLC	0300-03-XXXXXXX	Machine to Machine	Operational
		MIC Tanzania PLC	0300-04-XXXXXXX	Machine to Machine	Operational
		Tanzania Telecommunications Corporation	0300-05-XXXXXX	Machine to Machine	Operational
რ.	ate Services	Simbanet Tanzania Limited	041 12 XXXXX	Voice over IP (VoIP)	Operational
	(VoIP)	Startel Raha Limited	041 15 XXXXX	Voice over IP (VoIP)	Operational
		Tanzania Telecommunications Corporation	041 19 XXXXX	Voice over IP (VoIP)	Operational

4.	Corporate Services	Network	Network WIA Company Limited	056 01 XXXXX	Public Data Networks	Operational
5.	The find	em pu		061 + Y XXXXXX	Mobile	Operational
	anywhere"	Access	Viettel Tanzania PLC		Communications	
	Sanoa			200000000000000000000000000000000000000	Services	
			1 SPECIAL PROPERTY OF STREET	062 + Y XXXXXX	Mobile	
			10.000000		Communications	
					Services	
				XXXXXXX + 590	Mobile	Operational
			MIC Tanzania PLC		Communications	
					Services	
				XXXXXXX + 4 90	Mobile	Operational
					Communications	
					Services	
				071 + Y XXXXXXX	Mobile	Operational
					Communications	
			0.00 Taracasa		Services	
				077 + Y XXXXXX	Mobile	Operational
					Communications	
					Services	
			Smile Communications	XXXXXXX + 990	Mobile	Operational
			Tanzania Limited		Communications	The state of the s
					Services	malany
			Airtel Tanzania PLC	XXXXXXX	Mobile	Operational
					Communications	
					Services	
				XXXXXXX A + 690	Mobile	Operational
			100000000000000000000000000000000000000		Communications	
					Services	
				078 + Y XXXXXX	Mobile	Operational
No.		200	OBSERVATOR	ARREST COORS	Communications	
					Services	

Vodacom Tanzania PLC 074 + Y XXXXXX	074 + Y XXXXXX	Mobile	Operational
		Communications	
		Services	
	075 + Y XXXXXX	Mobile	Operational
		Communications	
		Services	
	076 + Y XXXXXX	Mobile	Operational
		Communications	
		Services	
Tanzania	073 + Y XXXXXX	Mobile	Operational
Telecommunications		Communications	
Corporation		Services	

S/N	APPLICATION	OPERATOR	ASSIGNED CODE	TYPE OF SERVICE	STATUS
6.	Special, Fixed Rate	Tanzania	0800 11 XXXX	Local Toll Free	Operational
	Services	Telecommunications			
		Corporation			
		MIC Tanzania PLC	0800 12 XXXX	Local Toll Free	Operational
		Simbanet Tanzania Limited	0800 41 XXXX	Local Toll Free	Operational
		MIC Tanzania PLC	0800 71 XXXX	Local Toll Free	Operational
		Vodacom Tanzania PLC	0800 75 XXXX	Local Toll Free	Operational
		Airtel Tanzania PLC	0800 78 XXXX	Local Toll Free	Operational
		Tanzania	0808 11 XXXX	International Toll	Operational
		Telecommunications Corporation		Number	
		Vodacom Tanzania PLC	0808 00 XXXX	International Toll Number	Operational

		The state of the s			
7.	Premium Rate Services Airtel Tanzania PLC	Airtel Tanzania PLC	0901 00 XXXX	Entertainments Services Operational	Operational
				(Multi-media Services)	
		Vodacom Tanzania PLC	0901 12 XXXX	Entertainments Services	Operational
				(Multi-media Services)	
		MIC Tanzania PLC	0901 65 XXXX	Entertainments Services	Operational
		CLE STREET STREET	ACCIDE CONCENSOR	(Multi-media Services)	
		Vodacom Tanzania PLC	0901 76 XXXX	Entertainments Services	Operational
		BOOLING CHITTING TO SHE		(Multi-media Services)	
		Viettel Tanzania PLC	0901 22 XXXX	Entertainments Services	Operational
				(Multi-media Services)	
		Vodacom Tanzania PLC	0900 01 XXXX	Information Services	Operational
				(Premium Services)	

PART II

Numbers for Public Communications Free of Charge

2.1 Customer Assistance Services (Free of Charge)

Telephone numbers made available (free of charge) for use without being allocated to specific service provider with number range **10B** where **B** stands for service application

Table 11: Customer assistance (free of charge)

S/N	10B RANGE	APPLICATION	STATUS
1.	100	Customer Care/Operator Assistance (Swahili)	
2.	101	Customer Care/Operator Assistance (English)	67
3.	102	Check Balance/Billing Inquiry (Swahili)	Operational
4.	103	Check Balance/Billing Inquiry (English)	
5.	104	Recharge (Swahili)	
6.	105	Recharge (English)	
7	106	Check to confirm if your SIM Card is Registered	
8.	107	Customer Care IVR	
9.	108	e-Government Services	Reserved
10.	109	e-Government Services Zanzibar	Reserved

Table 12: Test services (free of charge)

S/N	14B RANGE	APPLICATION	117/3/
1.	140	Test Desk/Report faulty line	
2.	141	Test Desk by technician	
3.	142	Test phone from subscribers	
4.	143	Test Tone	
4.	144	Fault reporting on the ICT backbone	
5.	145-146	Spares	

2.2 Life and Safety Services (Free of Charge)

These are telephone Numbers made available and assigned to specific agency/ministry/department for provision of life and safety services.

In order to bring the Tanzania Numbering Scheme in line with the International development, the access and short codes for emergency services offered by Telecommunication operators, the "11B" range is used. The short codes shall be

common to all operators in Tanzania. A summary of the applicable short codes and their applications in the New Numbering Scheme is provided in Table 13 below:

Table 13: Life and safety (free of charge) services

S/N	11B & 19B RANGE	APPLICATION	STATUS
1.	110	Emergency services for Lake Victoria and other water bodies	Operational
2.	111	Crime Stoppers	Operational
3.	112	Emergency, Police	Operational
4.	113	Anti-corruption Anti-corruption	Operational
5.	114	Fire Services	Operational
6.	115	Ambulance Services	Operational
7.	116	Child Help Line	Operational
8.	117	Health Help Line	Operational
9.	118	Safety in National Parks and Game Reserves	Reserved
10.	119	Anti-Drugs	Operational
11.	190	Disaster Services	Operational
12.	199	COVID-19 Medical Emergency	Operational
13.	191-198	Spare	

2.3 East Africa Region Common Short Codes (Free of Charge)

In light of the move towards East African integration, the following numbers have been harmonized to facilitate East African Roamers seamlessly use short codes.

Table 14: East Africa regional common short codes (free of charge)

S/N	1BB RANGE	APPLICATION
1.	Customer Service	100
2.	Recharge	130
3.	Check Balance	131
4.	Surface and Marine Transport Instant Reporting Services	121
5.	Voicemail retrieval	123
6.	Emergency Services for Lake Victoria	110
7.	Emergency, Police	112
8.	Child Helpline	116
9.	Carrier selection	17B (18B in
		reserve)

PART III

Identifiers for Public Cellular Network

Numbers allocated for Identifiers of Public Cellular Network

3.1 Mobile Country Code / Mobile Network Code (MCC/MNC)

Assignment of MNC is as per ITU T. Rec E.122; in Tanzania the assignment is in the format: 640-XX where 640 is the Mobile country code (MCC) and XX indicates the MNC assigned to the different mobile operator which together identifies uniquely the Public Land Mobile Network (PLMN) worldwide

Table 15: Identification codes for public cellular networks in the country

S/N	OPERATOR	MCC+MNC
1.	MIC Tanzania PLC	640-02
		640-03
2.	Vodacom Tanzania PLC	640-04
3.	Airtel Tanzania PLC	640-05
4.	WIA Company Limited	640-06
5.	Tanzania Telecommunications Corporation	640-07
6.	Viettel Tanzania PLC	640-09
7.	Smile Communications Tanzania Limited	640-11

3.2 Assignments for Public Cellular Network in the Country

These are seven digits numbers used to identify the subscriber Identity Module (SIM). The IIN follows the format: 89-255-XX, where 89 was assigned to the telecommunications industry; 255 is the country code for Tanzania and XX is the MNC. The resource has been assigned as per ITU-T Rec. E. 118

Table 16: Issuer Identifier Numbers (IIN)/SIM

S/N	OPERATOR	ASSIGENED CODES
1.	MIC Tanzania PLC	89-255-02
		89-255-03
2.	Vodacom Tanzania PLC	89-255-04
3.	Airtel Tanzania PLC	89-255-05
4.	Tanzania Telecommunications Corporation	89-255-07
5.	WIA Company Limited	89-255-08

6.	Viettel Tanzania PLC	89-255-09
7.	Smile Communications Tanzania Limited	89-255-11

3.3 Data Network Identification Codes (DNIC)

Tanzania has been assigned DNIC 640- X by ITU TSB as per ITU-T Rec. X.121. DNIC uniquely identifies the Public data network worldwide.

Table 17: Data Network Identification Codes (DNIC) for Public Data Networks

S/N	OPERATOR	ASSIGNED CODE
1.	Satcom Networks Africa Limited	640-5
2.	Simbanet Tanzania Limited	640-6
3.	Smile Communications Tanzania Limited	640-9

PART IV

Other Assignments

4.1 Voice Mail Services

The services used to collect/deliver voice messages from/to direct users and subscribers. This system consumes the services supplied by its Voice Store-and-Forward Unit and consumed by its users. Planned numbers for voice mail use the format 12B where B stands for where the service is being applied to as illustrated in table 18.

Table 18: Voice Mail (discounted tariff)

S/N	12B RANGE	APPLICATION
1.	120	Spare
2.	122	Spare
3.	123	Voice Mail Retrieval
4.	124	Indirect Voice Mail Deposit / Retrieval
5.	125	Spare
6.	126	Speaking Clock (Swahili)
7.	127	Speaking Clock (English)
8.	128-129	Spare

4.2 Utility Services Numbering

These are simple and memorable short code for utility services used particularly for service with high public interest such as Electricity, Water and sewage and Gas. The numbering format is 18B where B stands for type of utility (water and sewage, gas or electricity).

Table 19: Utility Services Numbering Assignments

S/N	18B	APPLICATION	
	RANGE		
1.	180	Electricity	
2.	181	Water and Sewage	
3.	182	Gas	
4.	183-189	Spares	

4.3 Value Added Services Short Codes – VAS USSD and SMS

Unstructured Supplementary Service Data (USSD) is a Global System for Mobile (GSM) communication technology that is used to offer interactive text based Values Added Services (VAS) between a mobile phone user and an application program in the network. Applications may include prepaid roaming, mobile money transactions, mobile banking services and other e-commerce services.

Table 20: VAS USSD numbering allocation

S/N	14B / 15B RANGE	FORMAT	APPLICATION	
1.	146	*146*YY	Trial Services	
2.	147	*147*YY	General Services	
3.	148	*148*YY	Free Services	
4.	149	*149*YY	General Services	
5.	150	*150*YY	E-Commerce (financial) Services	
6.	151	*151*YY	E-Commerce (financial) Services	
7.	152	*152*YY	Government Services	

Table 21: VAS SMS numbering Allocation

S/N	Number Range	Service Category/Number Assignment	
	14BYY	Value Added Service (VAS) Numbering Assignments	
	and 15B	Where: B is the Service Category and YY is the operator	
	YY	identification	
1.	146 YY	Trial Services for, Innovators, Researchers, Start-up	
2.	150 YY	Free Text Codes (e.g. Public services such as AIDS, Health)	
3.	151 YY	Financial and Commercial related applications	
4.	152 YY	Government Services	
5.	153 YY	Standard Rate Codes (e.g. voting; at standard rates up to basic premium rate)	
6.	154 YY	Standard Rate services	
7.	155 YY	Basic Premium Rate Codes (e.g. Lotto, horoscope, Download of video, Images & Graphics etc.; charged at basic premium rates)	
8.	156 YY	Basic premium rate services	
9.	157 YY	High Premium Rate Codes (e.g. Mobile Lottery, Gaming; charged the highest rate)	
10.	158 YY	Spare for high premium rate codes	
11.	159 YY	Free Text Codes (e.g. Public services such as AIDS, Health)	

4.4 Notice for Vas Short Code Usage and Assignments

The Authority has identified GOLD, SILVER, BRONZE and Ordinary VAS SMS Codes from respectively the most memorable to least memorable codes

The following assignment criteria shall apply for VAS Short Code Usage and Assignment:

- 1. GOLD, SILVER and BRONZE codes shall be assigned based on the customer's preference as the codes have different registration fees. This will make an applicant aware of a code being paid for.
- 2. Ordinary codes shall be assigned serially with respect to categories as well as availability.
- 3. Assignment to non-TCRA licensees should only be applicable if the applicant requires only one SMS VAS code and one USSD VAS Code. To that effect, the applicant shall submit to the Authority the duly filled application form together with certified copies of company registration certificates, TIN, business license(s) and company's profile.
- 4. In cases that an applicant will require more codes than stated in criteria above, an 'application services license' should be applied prior to the assignment of the applied codes

4.5 Carrier and Pre-Selection Codes

The Tanzania Communications Regulatory Authority, recognising the importance of having a stable and forward looking numbering plan in the fully liberalized and converged licensing framework, has opened up a portion of the reserved short codes for carrier selection and carrier pre-selection applications. The codes, which have been opened, are 17X range with a reserve capacity from 18X as tabulated below:

Table 22: Carrier and Pre-selection codes

S/N	CODE	DESCRIPTION	
1.	17X	Designated for Pre-carrier selection	
2.	017X	Designated for Carrier selection	
3.	18X	Spare	
4.	018X	Spare	The second second

4.6 Local Special Services Access Codes

These are services locally available, which are to be accessed by customers/users free of charge, including Credit card calling services.

Table 23: Special services access codes assignments

S/N	800 RANGE	Definition
1	800 1 YY	Prepaid Account Calling (Local Access)
2	800 2 YY	Prepaid Account Calling (Remote Access)
3	800 3 YY	Account Card Calling
4	800 4 YY	Prepaid Card Calling
5	800 5 YY	Credit Card Calling
6	800 (6-9) YY	Spare

4.7 Notice On Numbering Assignments

- 1. While there is a potential for pricing overlap between certain categories above, the TCRA expects that competitive pressures will in most cases drive operators and content providers to offer their services in the overlapped category that is recognised as having the lowest 'ceiling'.
- 2. Although the "High Premium" rate codes must be used for services where customer charges are very high, there is conversely no bar on applying lower charges than this for services using the range.
- 3. The short codes indicated as "spare" for each category will be only opened for use when the corresponding non-reserved codes are near exhaustion. These ranges are provisionally allocated to the categories described in the table but they may be alternatively allocated to the next category below if experience of market demand shows this to be appropriate.
- 4. On the other hand, the codes shown as "reserve" will be opened for any category should the respective "spare" codes are near exhaustion.
- 5. The term Free Text is used in this document rather than Free Phone, as the latter is not appropriate for the service being offered.

4.8 Future Assignments

The numbering resources will be assigned on a continuous basis depending on the applications received and emerging new services or operators in accordance with the published application guidelines and fees for numbering resources and Recommendations from ITU.