

# Independent Communications Authority of South Africa 

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## BI-ANNUAL REPORT ON THE ANALYSIS OF TARIFF NOTIFICATIONS SUBMITTED TO ICASA FOR THE PERIOD 01 JULY 2017 TO 31 DECEMBER 2017

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## Glossary

| TERM | DEFINITION |
| :---: | :---: |
| Flat-rate tariffs | Tariffs that charge the same retail rate for calls to any subscriber |
| Dynamic tariffs | Are tariff plans which offer lower retail prices depending on the time of day and location. |
| In-bundle rate | This according to Manx telecom refers to a package in which a subscriber is offered allocated capacity at a lower price; anything used within this package is charged at in-bundle rates. |
| On-Net (On network) Tariff | Manx telecom, defines this as the price per minute of a call from a mobile cellular prepaid telephone to a mobile cellular subscriber of the same network. |
| Out-of-Bundle-Rate | This is a rate that a subscriber is charged when they have depleted the allocated capacity purchased (Manx Telecom). |
| Off-Net (Off network) tariff | This according to Manx Telecom, is the price per minute of a call from a mobile cellular prepaid telephone to a mobile cellular subscriber of another (competing) network. |
| Post-paid Plan | This according to International Telecommunications Union (ITU, 2010), is a mobile cellular service in which a subscriber pays monthly |


|  | subscription and usage charges at the <br> end of each month for the allocation of <br> voice minutes, SMS and data. |
| :--- | :--- |
| Prepaid Plan | The ITU (2010), defines this as a <br> mobile cellular service in which a <br> subscriber is pays in advance for the <br> allocation of voice minutes, SMS and <br> data in fixed amounts. |

## Executive Summary

The Independent Communications Authority of South Africa (ICASA, hereon referred to as the Authority) is mandated to regulate electronic communications in the public interest, in ensuring that it carries this mandate effectively, it monitors the electronic communications and telecommunications (ICT) sector to ensure that interests of the consumers are promoted as per object 2(n) of the Electronic Communications Act No. 36 of 2005 (ECA, as amended). This tariff analysis report aims to ensure that end-users (customers) are aware of the various retail tariffs that are available or have been in existence in the telecommunications sector during the period of 01 July 2017 to 31 December 2017 as well as provide an update on initiatives which are currently underway to reduce the cost to communicate. This ensures that there is retail tariff transparency, which could potentially encourage competition as it is likely to minimise pricing and product information asymmetries in the sector.

The Authority received 160 tariff notifications, inclusive of promotions, during the period under review, i.e. 01 July 2017 to 31 December 2017. This report is categorised into four sections namely section 2 which provides an analysis of the notifications received, which are categorised as Standard Prepaid Voice Tariffs, Promotional Prepaid Voice Tariffs, Standard Prepaid Data Tariffs, Standard Prepaid and post-paid promotional data tariffs, Sim Only and post-paid data. Section 3, benchmarks data prices for 500MB, 1GB and 2GB within the SADC and BRICS countries. A benchmarking of data prices for SA MNOs (i.e. Vodacom and MTN) for 500MG, 1GB and 2GB data bundles in countries where they operate outside of SA is also done, where information was available. The benchmark findings show that South Africa does not have the most expensive prepaid data bundle prices for the 500MB, 1 GB and 2 GB in the SADC region. It is also not the cheapest, however, its prices are below the average price of all the SADC prices across the categories. Botswana has the highest price for 500MB data bundle in the SADC region. Zimbabwe has the most expensive prices in the highest price category for both 1 GB and 2GB data bundles in the SADC region in $\$ 30$ and $\$ 50$ respectively.

The benchmarking in this report, is part of the comprehensive study that the Authority has done as part of its regulatory initiatives towards addressing data price concerns raised during the \#datamustfall campaign. In addition to the benchmarking, the Authority is currently working on various regulatory initiatives to address calls for a reduction in costs to communicate, particularly data prices, these are discussed in sub-section 3.4. and a brief progress report on these is provided. The initiatives, include collaborative partnerships with other regulatory bodies, i.e. the National Consumer Commission (NCC) and the Competition Commission (CC) to find ways in which data costs can be further reduced for the benefit of consumers.

The headline standard voice prepaid tariff remained unchanged during the period under review. However, there were changes on the prepaid data bundles, since Cell C increased some of its prepaid data bundles, such as the 100 MB by $52.6 \%$ (from R19 to R29), 500MB by 16.5\% (from R85 to R99), 2GB by 1.6\% (from R245 to R249) and 10GB by 9.1\% (from R549 to R599). Cell C reduced its 20GB data bundle rate by 27.3\% (from R1099 to R799).

Moreover, Cell C reduced its prepaid out-of-bundle data rate for the 66 c prepaid tariff plan by $77.3 \%$ (from R0.66 to R0.15). Vodacom has also reduced its out-ofbundle data rate for prepaid and hybrid tariff plans to R0.99 and R0.89 respectively. Vodacom also increased its 250 MB data bundle price by $6.8 \%$ from R59 to R63. Taking into account the new increases, prepaid data bundle rates charged by Cell C, Telkom Mobile have become relatively cheaper in the market, as compared to Vodacom, Cell C and MTN, with MTN charging the highest prepaid data bundle rates.

Furthermore, the Authority acknowledges that subscribers who signed up and used a variety of promotional tariffs provided by operators would have derived some benefit and/or experienced a reduction in standard tariff rates. An overview of other ${ }^{1}$ tariff notifications filed during the period under review, can be found in annexure A .

[^0]
## 1. Introduction

In terms of the Standard Terms and Conditions Regulations of 2010 and End-user and Subscriber Regulations of 2016, Individual licensees are required to file notifications of tariffs and promotions with the Authority, seven (7) days prior to launching them in the market. The analysis contained in this report is based on tariffs that were filed during the period of 01 July to 31 December 2017 and those which continued to exist in the market as at end of December 2017.

The purpose of the report is to highlight the different tariff plans (prices and product offerings) which were filed and/or existed in the market during the period under review. The aim of this report is aligned to object $2(n)$ of the ECA which is to "promote the interest of consumers with regard to the price, quality and the variety of electronic communication services" as it seeks to ensure that there is retail price transparency. This would enable customers to make an informed choice, in terms of tariff plan preferences and/or preferred service providers based on their different offerings.

Following the second quarter tariff analysis report, published on ICASA's website on the $22^{\text {nd }}$ of September 2017, the purpose of this report is to provide an update on tariffs that were filed by the different mobile operators during the period under review.

This report entails an analysis of various retail tariff plans and promotions such as the standard prepaid voice and data, promotional voice and data, Sim only packages, Fibre-to-the-home (FTTH) and Fibre-to-the-business (FTTB) packages, filed by different Individual licensees during the period under review. It also provides a data price benchmarking analysis in section 3 and ends with a conclusion in section 4.

## 2. Analysis of Tariffs Notified to the Authority

In terms of Schedule 3, regulation 9(1) of the Standard Terms and Conditions for Individual Licences Regulations (Government Gazette No. 33294) and in terms of
regulation 5 (1) of the End User and Subscriber Charter Regulations (Government Gazette No. 39898), operators are required to notify the Authority of their proposed tariffs and promotions before they can implement them.

There were mainly four types of prepaid tariff plans that were on offer in the market:

- Standard prepaid voice tariffs;
- Promotional prepaid voice tariffs;
- Standard prepaid data tariffs; and
- Promotional prepaid and post-paid data tariffs.

Each type of tariff is analysed in sub-sections 2.1, 2.2., 2.4. and 2.5. below. In terms of post-paid tariff plan/s, the Sim-only post-paid tariffs are analysed in subsection 2.6. A brief comparative analysis of FTTH and FTTB plans and offerings, as per information submitted by licensees during the period under review, is provided in sub-section 2.7.

### 2.1. Analysis of Standard Prepaid Voice Tariffs

The Authority received 3 standard prepaid voice tariffs notifications during the period under review. There are mainly three types of prepaid tariff plans on offer:

- Flat-rate tariffs that charge the same retail rate for calls to any subscriber;
- On-net focused tariffs give subscribers substantial benefits for calling other subscribers on the same network; and
- Dynamic tariffs are tariff plans which offer lower retail prices depending on the time of day and location.


### 2.1.1. Flat-rate tariffs

All flat-rate tariffs are charged on a per second basis, meaning that subscribers only pay for the duration of the call.

Figure 1 shows a comparison of the cheapest per minute (billed per second) tariff plans namely Vodacom Anytime Per Second, MTN Pay Per Second, Cell C 66c on Prepaid and Telkom SIM SONKE. Cell $C$ has the lowest per second tariff plan at 66c per minute followed by Telkom Mobile at 75c per minute and MTN with a tariff plan of 79c per minute. Vodacom charges R1.20 per minute which is the highest when compared to the other licensees' tariff plans.

Figure 1: Cheapest per minute retail tariffs per network operator


Source: ICASA database based on tariff notifications

Table 1 below shows an example of how much a subscriber would have paid based on the network chosen and the duration of a call.

Table 1: The price of a call over time per second tariffs

|  | Vodacom | MTN | Cell C | Telkom |
| :--- | :---: | :---: | :---: | :---: |
| Tariff plan | Anytime Per <br> Second | Pay Per <br> Second | 66c on <br> Prepaid | Sim-Sonke |
| Per minute fee | R 1.20 | R 0.79 | R 0.66 | R 0.75 |
| Length of a call <br> (minutes) |  |  |  |  |
| 0.5 | R 0.60 | R 0.40 | R 0.33 | R 0.38 |
| 1 | R 1.20 | R 0.79 | R 0.66 | R 0.75 |
| 1.5 | R 1.80 | R 1.19 | R 0.99 | R 1.13 |
| 2 | R 2.40 | R 1.58 | R 1.32 | R 1.50 |
| 2.5 | R 3.00 | R 1.98 | R 1.65 | R 1.88 |


| 3 | R 3.60 | R 2.37 | R 1.98 | R 2.25 |
| :---: | :---: | :---: | :---: | :---: |
| 3.5 | R 4.20 | R 2.77 | R 2.31 | R 2.63 |
| 4 | R 4.80 | R 3.16 | R 2.64 | R 3.00 |
| 4.5 | R 5.40 | R 3.56 | R 2.97 | R 3.38 |
| 5 | R 6.00 | R 3.95 | R 3.30 | R 3.75 |

Source: ICASA database based on tariff notifications

In terms of table 1 above a customer who is for instance on Vodacom and makes a call for 2 minutes will pay R2.40, whilst if they were on MTN they would pay R1.58 for the same number of minutes, R1.32 on Cell C and R1.50 on Telkom.

### 2.1.2. On-net focused tariffs

Vodacom and MTN offered on-net focused tariffs. Vodacom offered the Daily Free Calls plan whilst MTN offered the Talk Free plan. Table 2 below shows how much each network charges.

Table 2: On-net focused tariff plans: Vodacom and MTN

| Tariff Plan Name | On-net Call | Call to another <br> Network |
| :--- | :---: | :---: |
| Vodacom Daily Free Calls | R 1.20 | R 1.20 |
| MTN Talk Free | R 1.20 | R 0.79 |

Source: ICASA database based on tariff notifications

Table 2 above shows that both Vodacom and MTN charged the same rate of R1.20 per minute for on-net calls. Furthermore, for an on-net call with a duration of at least 3 minutes and not longer than 60 minutes, both networks capped the total charge for a call at R3.60, meaning that a subscriber received a benefit of 57 additional minutes (at no additional cost) when making an on-net call. This means that effectively, a subscriber pays a rate of R0.06 per minute if the duration of a call is 60 minutes. However, the effective rate per minute of on-net calls vary as the durations of an on-net call accumulates per minute.

Table 2 shows that MTN's Talk Free package charged a rate of R 0.79 per minute and Vodacom charged a rate of R1.20 per minute, for off-net calls. MTN Talk Free subscribers paid, on average, more for on-net calls on a per minute basis compared to off-net calls where the duration of the call was less than 4 minutes.

This means that on-net calls only became cheaper than off-net calls after a duration of 5 minutes or longer.

Figure 2 below shows the impact of the different tariffs on the price a subscriber paid for a call made for a duration of 1 to 10 minutes.

Figure 2: Vodacom Daily Free Calls versus MTN Talk Free


Source: ICASA database based on tariff notifications

Figure 2 above shows how Vodacom's Daily Free Calls and MTN's Talk Free subscribers paid a total fee of R3.60 for any on-net call more than three minutes. Additionally, Vodacom's Daily Free Calls and MTN's Talk Free subscribers paid a total fee of R12 and R7.90 respectively for an off-net call with a duration of 10 minutes.

Figure 3 below provides an illustration of how the average effective price per onnet minute were reduced as the duration of an on-net call increased. Subscribers may have effectively paid as low as R0.36 per minute for a call lasting ten minutes.

Figure 3: The effective rate for On-net Vodacom Daily calls and MTN Talk Free in comparison with on-net Vodacom Anytime Per Second and MTN Per second


Source: ICASA database based on tariff notifications

When compared with the flat rate tariffs, subscribers may have only benefited from these low average effective tariffs when the following conditions were met:

- Vodacom: the on-net call lasted longer than three minutes when compared with Vodacom Anytime per second.
- MTN: the on-net call lasted longer than five minutes when compared to MTN Pay Per Second minutes.


### 2.1.3. Dynamic tariffs

Vodacom and MTN also offered dynamic retail tariffs. The aim of these types of tariffs is usually to stimulate subscriber demand on the networks during periods of low traffic or call volumes in specific geographic locations and at a particular time of the day. The tariffs (before discounts) for these plans are outlined in table 3, below.

Table 3: Vodacom and MTN tariffs before discounts for dynamic tariff plans

| Tariff plan name | On-net call | Call to another network |
| :--- | :---: | :---: |
| Vodacom 4 Less | R 2.60 | R 2.60 |
| MTN Zone | R 2.50 | R 2.50 |

Source: ICASA database based on tariff notifications

Table 3 shows that the tariff, before discounts, per minute for these plans was more than double the tariff per minute of the on-net focused tariff plans that Vodacom and MTN offered. However, dynamic tariff plan subscribers had to receive a discount of over $50 \%$ on average for these tariff plans to be beneficial when compared to on-net focused tariff plans.

Figures 4 and 5 below show how big the discount had to be for subscribers to benefit from location and time-based discounts.

Figure 4: Vodacom 4 Less Impact of discount on actual tariff


Source: ICASA database based on tariff notifications
Figure 4 above, illustrates that a Vodacom subscriber on a Vodacom 4 Less tariff plan had to receive, at least, a 54\% discount to pay less than the standard call tariff using Vodacom Anytime per Second. For example, if a subscriber makes a call at 21 h 00 when the traffic volume is lower, they might receive $60 \%$ discount
of the tariff plan, instead of paying R2.60 on Yebo 4 less per minute voice call. On the other hand, a subscriber making a call during peak period at 14 h 00 might receive $10 \%$ discount due to the higher traffic volume on the network. It is worth noting that the discount could be up to $100 \%$.

Figure 5: MTN Zone: impact of discount on actual tariff


Source: ICASA database based on tariff notifications

Figure 5 above, illustrates that a subscriber on an MTN Zone tariff plan had to receive a discount of at least $69 \%$ discount, to pay less than the standard call tariff using MTN per Second. For example, if a subscriber makes a call at 21 h 00 when the traffic volume is lower, they might receive a discount of $80 \%$, instead of paying R2.50 on MTN Zone per minute voice call. On the other hand, a subscriber making a call during peak period at 14 h 00 might receive $10 \%$ discount due to the higher traffic volume on the network. It is worth noting that the discount could be up to $100 \%$.

### 2.2. Analysis of Promotional Prepaid Voice Tariffs

This section analyses the promotional prepaid voice tariffs which were filed during the period under review. The promotional tariff plans are short term in nature and their validity period range from one day up to 6 months.

### 2.2.1. Power Hour Promotion

Vodacom's Power Hour Promotion was initially launched on 12 July 2012, and has been extended since then. The recent extension of the promotion was from 26 October 2017 to 28 February 2018. The promotion is a voice bundle that offers customers 60 on-net voice minutes at R8. The bundle is valid from the time of purchase until mid-night of the day of purchase with no carry over. The bundle is available for purchase between 6 am and 10pm.

In terms of the usage policy, a customer can activate a power hour once a day. When a customer has exhausted the 60 voice minutes allocated, they are then charged at the primary price plan rate. For instance, in the case of the Vodacom Per Second Plan, once the bundle minutes are used up, voice call per minute will charge at a subscriber's current price plan rate.

Table 4: Power Hour Promotion

| Length of the Call- <br> in Minutes | Power Hour R8 | Power hour R8 Effective <br> Rate | Anytime Per <br> Second |
| :---: | :---: | :---: | :---: |
| 1 | R 8 | R 8 | R 1.20 |
| 2 | R 8 | R 4 | R 2.40 |
| 3 | R 8 | R 2.67 | R 3.60 |
| 5 | R 8 | R 1.60 | R 6 |
| 10 | R 8 | R 0.80 | R 12 |
| 15 | R 8 | R 0.53 | R 18 |
| 20 | R 8 | R 0.40 | R 24 |
| 30 | R 8 | R 0.27 | R 0.04 |
| 60 | R 0.13 | R 72 |  |

Source: ICASA database based on tariff notifications

Table 4 compares the total cost and benefit of a call lasting 60 minutes between Vodacom's Anytime Per Second prepaid plan with Power Hour. Table 4 also illustrates that the Anytime Per Second prepaid plan with Power Hour is beneficial only when the duration of a call is more than 5 minutes. For example, a three-
minute call is R8 instead of R3.60 if a Power Hour plan is activated. This means that the Anytime Per Second prepaid plan without a Power Hour plan is beneficial only if the duration of a call is less than 5 minutes. At the point where the duration of a call is 60 minutes, Anytime Per Second prepaid plan with Power Hour activation would be beneficial as the 60-minute call duration is charged at R8, whilst a customer on an Anytime Per Second prepaid plan without activation of Power Hour is charged at R72. It is worth noting that customers that activate Power Hour Promotion must ensure that the allocated 60 minutes are used up by midnight on the day of purchase. For instance, if a customer spends only 5 minutes of a call duration of the total 60 minutes allocated, that customer would not realise the full benefit of the Power Hour Promotion and would pay an effective rate of R1.40 per minute.

### 2.2.2. Vodacom Chat for 30 Promotion

Vodacom's Chart 30 was initially launched on 10 October 2015 and has since been extended. The Promotion offered subscribers 30 minutes' worth of calls across all mobile networks for a price of R10 between 6am and midnight, unlike Power Hour whose bundle minutes can be used for on-net voice calls only. The bundle is measured on a per-minute basis and is valid from the time of purchase until midnight on the day of purchase. This promotion was not available to the subscribers on the 79c Prepaid Promotion.

Table 5 below shows the comparison of Chat for 30, Power Hour Daily and Anytime per second against the length of the call in minutes.

Table 5: Vodacom Chat for 30 Promotion

| Length of the Call in <br> Minutes | Chat for 30 <br> Promotion | Power Hour <br> R8 | Daily <br> Free | Anytime Per <br> Second |
| :---: | :---: | :---: | :---: | :---: |
| 1 | R 10 | R 8 | R 1.20 | R 1.20 |
| 2 | R 5 | R 4 | R 2.40 | R 2.40 |
| 3 | R 2.50 | R 2.67 | R 3.60 | R 3.60 |
| 5 | R 1.25 | R 1.60 | R 3.60 | R 6 |
| 10 | R 0.63 | R 0.80 | R 3.60 | R 12 |
| 15 | R 0.31 | R 0.53 | R 3.60 | R 18 |
| 20 | R 0.16 | R 0.40 | R 3.60 | R 24 |
| 30 | R 0.08 | R 0.27 | R 3.60 | R 36 |

[^1]Table 5 shows that Vodacom's Daily Free Prepaid Plan is the cheapest, if a call is more than a 3-minute duration. However, if a call is less than a 3-minute duration, the Vodacom Chat for 30 Promotion is the cheapest when compared with Daily Free and Anytime Per Second prepaid tariff plan. Unlike Vodacom Daily the Chart 30 Promotional Plan is not limited to on-net calls.

The promotion was valid until 28 February 2018.

### 2.2.3. Vodacom 79c Promotion

Vodacom's 79c was initially launched on 30 April 2014, and has since been extended. The Promotion is a voice plan targeted at new and existing prepaid customers. The promotion charges 79c per minute accumulated on a per-second basis for each call. Customers subscribing to the 79c Promotion can save as much as 41c per minute compared to the Vodacom Call Per Second prepaid plan.

The promotion was available until 28 February 2018.

### 2.2.4. Vodacom NXT LVL

Vodacom Next Level Youth (NXTLVL) was initially launched on 30 April 2014, and has since been amended. The latest amended was on the $01^{\text {st }}$ of December 2017, whereby there were bundle allocation changes. The promotion is targeted at youth under 25 years old. It is available to prepaid and top-up customers. The bundle allocation changes are presented in table 6 below.

Table 6: Vodacom Next Level Youth Proposition (NXT LVL) Promotion

| Old Bundle <br> Size | Plan | New <br> Bundle <br> Size | Valid | Price | Old <br> Rewards | new <br> Rewards | Difference |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| $50 \mathrm{MB}+50 \mathrm{MB}$ <br> night owl | Prepaid <br> and top <br> -up | $40 \mathrm{MB}+$ <br> 40 BM <br> Night Owl | Daily | R 5 | 50 MB gift <br> for a <br> friend | 40MB gift <br> for a friend | 10MB gift for <br> a friend |
| $250 \mathrm{MB}+$ <br> 250 MB Night <br> Owl | 200 MB <br> +200 MB <br> Night Owl |  | R 12 | 50 MB gift <br> for a <br> friend | 40MB gift <br> for a friend | 10MB gift for <br> a friend |  |

Source: ICASA database based on tariff notifications
The gift for a friend rewards are only applicable to friends who are on NXT LVL. Therefore, for a friend to receive a gift, they must be registered on NXT LVL.

### 2.2.5. Vodacom Summer Promotion Competition: Play Everyday

Vodacom filed a notification on the $12^{\text {th }}$ of September 2017, informing the Authority that it will suspend the Play Everyday promotion as at 1 October 2017. This promotion was initially planned to be in the market from 30 June 2017 to 31 March 2018.

### 2.2.6. Vodacom Night Shift Extension Promotion

Vodacom's Night Shift promotion was launched on 14 July 2012. The promotion applies to on-net voice calls (Vodacom to Vodacom) made from 12am to 5am.

The promotion offers the subscribers free 60 on-net voice minutes daily from 12 am to 5 am . The customers are required to recharge with an airtime voucher of R12 or more to qualify for the Night Shift promotion.

The promotion is targeted at prepaid subscribers, except for customers on the Daily Free Calls and Prepaid 79c tariff plans. Qualifying customers are limited to 60 minutes of Night Shift calls daily.

Vodacom Night shift promotion was extended until 28 February 2018.

### 2.2.7. Vodacom Unilever Rewards

Vodacom filed a filed Unilever Vodacom Reward Promotion notification with the Authority on the $3^{\text {rd }}$ of November 2017, with a validity period was from 14 November 2017 to 14 February 2018. The Unilever Vodacom Rewards Promotion offers a benefit to participating customers with rewards in the form of allocated SMS, voice minutes and data bundles, when buying from KFC, Nandos or Steers. Vodacom customers within in 10 km to 20 km from specific retailer will be sent an SMS with the specific rewards deal. They would then need to:

- go in store i.e. visit the retailer namely, KFC, Nandos or Steers after having added found a deal on their phone; and
- provide cashier with their mobile number to complete purchase;
- complete payment transaction; and
- receive Reward.

The promotion is limited to 2 purchases per customer per day and 1-day bundles are valid from time of redemption until 23:59 on the 1st day. Vodacom customers will receive an SMS once reward has been allocated. If the reward is a data reward, this will be automatically allocated to the customer's (prepaid, top-up and contract) account.

### 2.2.8. Vodacom Additional Meg Your Day Promotional Offer

Vodacom Additional Meg Your Day Unilever Promotion was initially filed on the 24 May 2017 and later Vodacom changed the name from Unilever to WuHu Vodacom Reward. The promotion's Cell C's MegaBonus Promotion was launched on the $3^{\text {rd }}$ of September 2014. It offered customers two times their recharge value and an option to choose whether to use it for on-net calls, SMS or data. For instance, if a customer recharged with R20, they would receive R60 back in value (i.e. R20 actual recharge and R40 free value).

The promotion ended on 31 January 2017.

### 2.2.9. Vodacom New AII-Net Voice Bundles

Vodacom New All-Net Bundles was filed on 28 August 2017 and was implemented on the $06^{\text {th }}$ of October 2017. These bundles enable subscribers to make calls across all networks i.e. both on net and off-net calls. The New All-Net Voice Bundles is available as depicted in the table below.

Table 7: Vodacom New All-Net Voice Bundles

| New All- <br> Net <br> Bundles | Type | Price | Voice Allocation <br> (Minutes) | Validity Period | Available on |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Chat For <br> 60 | Voice | R 12 | 60 Minute All Net | Same day (6am <br> and midnight) | Prepaid and top-up |


| Chat Now <br> 60 | Voice | R 9 | 60 minute All Net |  | Prepaid, uChoose <br> and top-up |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Chat <br> Now10 | Voice | R 3 | 10 minute All Net |  | Prepaid, uChoose <br> and top-up |
| Chat <br> Combo <br> $60+60$ | Voice+ <br> Data | R 17 | 60 minute All Net+All <br> 60 MB | Same day (expires <br> at 23:59 pm) | Prepaid, uChoose <br> and top-up |

Source: ICASA database based on tariff notifications

These promotions are valid from 07 September 2017 until 31 March 2018. The new Vodacom voice All Net bundles are similar to Chat for 30 and Vodacom power bundles, as they are time-based bundle offers. These bundles allocate certain amount of voice minutes at the time of activation, for example, Chat for 60, offers a 60 voice minutes' bundle allocation for use between 6 h 00 to 24 h 00 . The unused bundles will be depleted and there is no carry over.

The Chat for 60 promotion is not available to Prepaid 79c customers, contract customers and Community Services SIMs, whilst it is not available to Prepaid 79c promotion, as well as Top-Up and uChoose subscribers. Worth noting is that once the in-bundle rate gets depleted, then calls will be billed to the customers prevailing price plan.

### 2.2.10. Vodacom Just 4 You Promotion

Vodacom Just 4 You promotion is a tailor-made offer, just for customers depending on the user profile. Vodacom amended the Just 4 You Prepaid, Top-Up and Postpaid offers on the $31^{\text {st }}$ of August 2017.

The Just 4 You price increases affect consumers negatively, as they have to pay more for the services offered, for instance a customer on 20 minutes to Call Any Net Today plan, will pay $20 \%$ extra on the activation of this offer. Tables 8 and 9 below shows the price adjustment ${ }^{2}$ for Just 4 You Prepaid, Top-Up and Post-paid promotional offers for voice services.

[^2]Table 8: Just 4 You Prepaid and Top-Up Promotion

| Just4 You offer | Type | Allocation | Old Price | New Price | Variance <br> $(\%)$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 20 Minutes to Call Any Net <br> Today | Voice | 20 Anytime Minutes | R 10 | R 12 | $20 \%$ |
| Just for You for 1 Day | Voice | 10 minutes on-net | R 1 | R 2 | $100 \%$ |
| Just for You - 1 Day (x3) | Voice | 60 minutes on-net <br> $(X 3)$ | R 15 | R 16 | $6.7 \%$ |

Source: ICASA database based on tariff notifications

Table 9: Just 4 You Post-paid Offer

| Product | Type | Allocation | Old Price | New Price | Variance <br> $(\%)$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Summer Bundles for 2 Days | Voice | 30 On-net Minutes | R 15 | R 20 | $33.3 \%$ |
| Summer Bundles for 2 Days | Voice | 30 Any-network <br> minutes | R 20 | R 15 | $-25 \%$ |

Source: ICASA database based on tariff notifications

This promotion was valid until 28 February 2018.

### 2.2.11. MTN 50\% Anytime Voice Promotion

MTN 50\% Anytime Voice Promotion offers customers 50\% of the Anytime Minutes, this promotion is available to MTNChoice $+S$ (C 40), MTNChoice + Talk(C70) and MTNChoice + Talk M (C71) top-up plans. The promotion offers customers additional $50 \%$ voice allocation at no additional cost to their subscription fee. The additional $50 \%$ value is applicable for 24 -months fixed term contracts. Promotional minutes are allocated each month for the full 24 -months contract. It should be noted that the promotional offer is only available on selected devices which will be communicated to potential customers. The new customers and existing customers wishing to upgrade will be eligible for this promotional offer. Table 10 below illustrates the prices for MTN New All Net Voice Bundles.

Table 10: MTN New All-Net Voice Bundles

| Price Plan | MTNChoice+S <br> $\mathbf{( C 4 0 )}$ | MTNChoice+Talk (C70) | MTNChoice+ <br> (C71) |
| :--- | :---: | :---: | :---: | :---: |
| Subscription Sim <br> Only | R 219 M |  |  |
| Inclusive Data | 2 RB | R 169 | 419 |
| Inclusive SMS | 100 | 500 MB | 1 GB |


| Inclusive Voice | 100 | 200 | 500 |
| :--- | :---: | :---: | :---: |
| Promo Value |  |  |  |
| Anytime Inclusive <br> Voice | 50 | 100 | 250 |
| Validity |  |  | 24 Months |

Source: ICASA Database based on Tariff Notifications

This promotion was filed on the $1^{\text {st }}$ of September 2017 and is ongoing until further notice.

### 2.3. Regulatory interventions underway in the Voice Market

The Authority has embarked on various initiatives to reduce the cost to communicate in both the voice and data markets. The regulatory interventions are time-bound and for the voice market in its short- term plans (i.e. less than 6 months' time) the Authority intends to:

### 2.3.1. Review of the 2014 Voice Wholesale Call Termination Regulations

The Authority is currently reviewing the 2014 voice Wholesale Call Termination Regulations in terms of section 67(8) of the ECA.

The review of the wholesale call termination regulations is intended to increase the effectiveness of competition in the wholesale call termination services markets.

Regulatory interventions in the data market are discussed separately in subsection 3.4. below.

### 2.4. Analysis of Standard Prepaid Data Tariffs

### 2.4.1. Prepaid Data plans

This sub-section provides a comparative analysis of the data bundle prices charged by the four licensees in terms of their prepaid data bundles. This comparison as
shown in table 11 and 12 indicates the difference in terms of absolute value (variance (R)) of the data charges in terms of in-bundle (i.e. labelled as Normal subscription fee) plans and out of bundle rates (OOB) of the same volume of data (i.e. OOB equivalent subscription fee).

Although each licensee is charging an out-of-bundle rate that is different from other licensees, all out-of-bundle rates are standard in relation to the data bundles packages offered by that operator.

The lower the size of the data bundle the lower the variance. That is for instance, the absolute value variance (R) for a 500 MB ranges from R76 to R451 between the licensees, and the absolute value variance ( $R$ ) for $1 G B$ ranges between R197.96 and R977.40. Cell C has the highest absolute value variance for both 500MB and 1GB, whilst Telkom Mobile has the lowest for both data bundles.

According to table 11 and 12 , Cell $C$ and Vodacom are charging the same rates for the price of 1GB and 3GB. Both licensees charge R149 for 1GB and R299.00 for 3GB, while Telkom Mobile charges the lowest rates for both data bundles, i.e. R99 for 1GB and R199 for 3GB. Telkom Mobile had the lowest charges for most of the prepaid data packages in the period under review with respect to licensees who filed notifications.

It should be noted that Cell $C$ has increased prices for the following prepaid data bundles, 100MB by 52.6\% (from R19 to R29), 500MB by $16 \%$ (from R85 to R99), 2GB by 1.6\% (from R245 to R249), 10GB by 9.1\% (from R549 to R599). However, Cell C has also reduced the price for its 20GB data bundle by 27.3\% (from R1099 to R799). This is the lowest price for 20GB data bundle between all four licensees as shown in table 11 and 12 . During the period under review, Cell C has reduced the out-of-bundle data rate on its 66c Prepaid tariff plan by 77.3\%, from R 0.66 to R 0.15 . Given that its prepaid OOB rate for across the data bundles remains at R1.10, Cell C now has the highest OOB rate which means that their absolute value between OOB and in-bundle rate is the highest among the four licensees shown in table 11 and 12.

Vodacom filed a data pricing and allocations amendment notification on the $1^{\text {st }}$ of December 2017, which reflected that the 250MB monthly data bundle price has increased from R59 to R63 or by $6.8 \%$. Vodacom, has reduced its prepaid OOB rate from R2 to R0.99. This resulted in a noticeable decrease in the percentage variance between in-bundle rates and OOB rates, for instance, the 20GB data bundle decreased from 4000\% in the previous report to 1930\%.

Table 11: Prepaid Data Bundles for Vodacom, MTN, Cell C and Telkom Mobile

| Bundle size (MB) | Vodacom |  |  | MTN |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Normal subscription Fee | OOB equivalent subscription fee (R0.99/MB) | Variance (R) | Normal subscription fee | OOB equivalent subscription fee (R0.99/MB) | Variance (R) |
| 100 | R 29 | R 99 | R 70 | R 35 | R 99 | R 64 |
| 250 | R 63 | R 247.50 | R 184.50 |  | N/A |  |
| 500 | R 99 | R 495 | R 396.00 | R 105 | R 495 | R 390 |
| 1024 | R 149 | R 1013.76 | R 864.76 | R 160 | R 1013.76 | R 853.76 |
| 2048 | R 249 | R 2027.52 | R 1778.52 | R 260 | R 2027.52 | R 1767.52 |
| 3072 | R 299 | R 3041.28 | R 2742.28 | R 330 | R 3041.28 | R 2711.28 |
| 5120 | R 399 | R 5068.80 | R 4669.80 | R 430 | R 5068.80 | R 4638.80 |
| 10240 | R 599 | R 10137.60 | R 9538.60 | R 650 | R 10137.60 | R 9487.60 |
| 20480 | R 999 | R 20275.20 | R 19276.20 | R 1250 | R 20275.20 | R 19025.20 |

Table 12: Prepaid Data Bundles for Vodacom, MTN, Cell C and Telkom Mobile

| Bundle Size (MB) | Cell C |  |  | Telkom Mobile |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Normal subscription fee | OOB equivalent subscription fee (R1.10/MB) | Variance (R) | Normal subscription fee | OOB equivalent subscription fee (R0.29/MB) | Variance (R) |
| 100 | R 29 | R 110 | R 81 | R 29 | R 29 | R 0 |
| 250 | N/A |  |  | R 39 | R 72.50 | R 33.50 |
| 500 | R 99 | R 550 | R 451 | R 69 | R 145 | R 76 |
| 1024 | R 149 | R 1126.40 | R 977.40 | R 99 | R 296.96 | R 197.96 |
| 2048 | R 249 | R 2252.80 | R 2003.80 | R 139 | R 593.92 | R 454.92 |
| 3072 | R 299 | R 3379.20 | R 3080.20 | R 199 | R 890.88 | R 691.88 |
| 5120 | R 399 | R 5632 | R 5233 | R 299 | R 1484.80 | R 1185.80 |
| 10240 | R 599 | R 11264 | R 10665 | R 499 | R 2969.60 | R 2470.60 |
| 20480 | R 799 | R 22528 | R 21729 | R 899 | R 5939.20 | R 5040.20 |

The statistical data evidence as presented in tables 11 and 12 above shows that in-bundle data rates decreases as the value of the data bundle increases. This is shown graphically in Figure 6 below, which illustrates the tariff per megabyte which is calculated as follows:

- tariff per megabyte $=($ Price of data bundle $) /($ Volume of data $)$.

Figure 6: Tariff per megabyte of for a 30-Day Data Bundle


Source: ICASA Database based on Tariff Notifications

Figure 6, shows that for example, a Vodacom customer that purchases a 1GB data bundle will pay an in-bundle rate of R0.15 per megabyte, whereas a Vodacom customer that purchases a 20GB data bundle will pay an in-bundle rate of R0.05 per megabyte. This is similar to MTN where an in-bundle rate of R0.16 per megabyte is charged for a 1GB data bundle and R0.06 per megabyte for a 2GB data bundle. Telkom Mobile's in-bundle rate is R0.10 per megabyte for a 1GB data bundle and R0.04 per megabyte for a 20GB data bundle. Cell C's in-bundle rate is at R0.15 per megabyte for a 1GB data bundle and R0.04 per megabyte for a 20GB data bundle. This means that the unit cost of data rapidly decreases as the size of
the bundle increases, i.e. the subscriber received more data per Rand amount as the bundle size increased.

### 2.5. Analysis of Promotional Prepaid and Post-paid Data Tariffs

### 2.5.1. Vodacom's 30GB Promotional Tariff

Vodacom's 30GB Promotional Tariff was filed on the $19^{\text {th }}$ of September 2017. It was a 24-month mobile broadband data contract, which was available as either a contract or top-up option billable monthly. Table 13 presents the product and price details of the promotion.

Table 13: Vodacom 30GB Promotional Tariff

| Bundle <br> size | Monthly <br> Subscription | In Bundle rate <br> per MB | Out of Bundle rate per <br> MB Post Paid | Out of Bundle Per <br> MB top-up |
| :--- | :--- | :--- | :--- | :--- |
| 30GB | R 599 | R 0.02 | R 0.44 | R 0.89 |

Source: ICASA Database on Tariff Notifications

Vodacom's 30GB promotional plan benefitted customers with choice and lower prices. The promotion was available until 31 January 2018.

### 2.5.2. Vodacom Night Owl

Vodacom Night Owl was initially launched in 2009 as a promotion for post-paid data plans. While it operates on the same principle as the initial night owl promotion, however, this promotion offered customers double data. For instance, if a customer subscribed to Vodacom My Gig 2, then the respective customer will be offered an additional free 2GB to surf from 12am to 5am.

The Vodacom Night Owl bundles are similar to MTN Night Express Bundles. Both data bundles can be used between 12am midnight and 5am in any day of the week and they valid in one calendar months. The Night Owl Bundles will be available as 1, 7 and 30 -day validity offers.

Table 14 shows the price of Night Owl bundles.

Table 14: Vodacom Night Owl Bundles compared to MTN Night Express Bundles

| Bundle | Vodacom Night Owl | Validity | MTN Night Express | Validity |
| :--- | :---: | :---: | :---: | :---: |
| 50 MB | R 4 | 1 day | N/A | N/A |
| 100 MB | R7 | 2 days | R10 | N/A |
| 250 MB | R14 | 1 day | R5 | 1 day |
| 500 MB | R29 | 7 days | R35 | 30 days |
| 1 GB | R49 | 7 days | R59 | 30 days |
| $3 G B$ | R199 | 30 Days | R109 | 30 days |
| $10 G B$ | R299 | 30 Days | N/A | N/A |
| 20 GB | R399 | 30 Days | N/A | N/A |

Source: ICASA Database on Tariff Notifications

Table 14 above illustrates that Vodacom Night Owl bundles benefit customers with lower prices when compared Vodacom Daily bundles. For instance, a 50MB Night Owl bundle which costs the customer R4 when compares to 50MB of daily bundle costs R12. Customers on Vodacom Night Owl pay R14 for a 250MB data bundle whereas customers on Vodacom Daily bundle are charged R25 for 250MB.

Moreover, Vodacom's Night bundle appears to be cheaper when compared to MTN's Night express bundles, for instance MTN's 100MB, 500MB,1GB bundles are charged at R10, R35 and R59 respectively. Vodacom customers will typically save $20 \%$ and $30 \%$ more when compared with similar MTN bundles. The only data bundles that are cheaper on MTN Night Express as compared to Vodacom Night Owl are available on 250MB and 3GB bundles.

The promotion was launched in 2009 and continues to exist until further notice. ${ }^{3}$

### 2.5.3. MTN's 100\% value promotion

MTN's $100 \%$ value promotion was launched on the $21^{\text {st }}$ of April 2017 and was amended on 25 August 2017 by extending the applicable period for the promotional data for customers on My MTNChoice 5GB, 10GB and 20GB data price plans from the first 3 months to the full 24 months of the contract, whilst the

[^3]subscription fee remained the same. The depletion rate for the promotional data was also decreased from 25 kbps to 10 kbps .

The promotion offers customers an additional $100 \%$ value comprised of voice, data and SMS allocations. The additional $100 \%$ value is applicable for the first three months of the contract duration; thereafter the standard allocations will apply. The promotion is available to all new and upgrade customers as well as SIM and device deals.

Tables 15 and 16 below show the My MTNChoice data and voice packages.

Table 15: New Subscription Fees for Data Packages and New Packages

|  | My MTN Choice 500MB | My MTN <br> Choice <br> 1GB | My MTN Choice 2GB | My MTN Choice 3GB | My MTN Choice 5GB | My MTN Choice 10GB | My MTN Choice 20GB |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Subscription | R 39 | R 69 | R 89 | R 149 | R 199 | R 299 | R 499 |
| Anytime Inclusive Data | 500MB | 1GB | 2GB | 3GB | 5GB | 10GB | 20GB |
| Night Express Data | 500MB | 1GB | 2GB | 3GB | 5GB | 10GB | 20GB |
| Promotional Value |  |  |  |  |  |  |  |
| Anytime Inclusive Data | 500MB | 1GB | 2GB | 3GB | 5GB | 10GB | 20GB |
| Night Express Data | 500MB | 1GB | 2GB | 3GB | 5GB | 10GB | 20GB |
| Validity | 24 <br> Months | 24 <br> Months | 24 <br> Months | 24 <br> Months | 24 <br> Months | 24 <br> Months | 24 <br> Months |

Source: ICASA Database based on Tariff Notifications

Table 16: MTN New Subscription Fees for Voice Packages

|  | Small | Medium | Large | X Large |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
|  | My MTN <br> Choice+S | My MTN <br> Choice+M | My MTN <br> Choice+L | My MTN <br> Choice+Lite | My MTN <br> Choice <br> +Medium | My MTN <br> Choice <br> +Max |
| Subscription | R 199 | R 469 | R 719 | R 999 | R 1 499 | R 1 799 |
| Inclusive Voice | 100 | 350 | 500 | Unlimited | Unlimited | Unlimited |
| Inclusive SMS | 100 | 350 | 500 | Unlimited | Unlimited | Unlimited |
| Inclusive Data | 2 GB | 5 GB | 7 GB | 3 GB | 15GB | 25GB |
| Promotional Value |  |  |  |  |  |  |
| Voice | 100 | 350 | 500 | - | - | - |
| SMS | 100 | 350 | 500 | - | - | - |
| Data | 2 GB | 5 GB | 7 GB | 3 GB | 15 GB | 25 GB |

Source: ICASA Database based on Tariff Notifications

Table 15 and 16 above illustrate the options offered by the tariff plan in terms of the available voice and data packages. Customers can choose from voice packages ranging between R199 and R1 799, and data packages ranging between R39 and R499 with additional promotional value of voice minutes and data bundles.

Moreover, the additional data packages on My MTNChoice 5GB, 10GB and 20GB offer customers with choice in terms of the data options offered by the plan. Customers benefit with effectively lower prices due to the $100 \%$ value promotion on the plans and the reduction on the subscription fee for data packages.

This promotion is ongoing until further notice ${ }^{4}$.

## Cell C's Social Bundles Promotion

The Cell C Social Bundles Promotion was initially launched as the Prepaid Bundle Promotion on 20 June 2017. The promotion was amended on 08 September 2017 to change the name from Prepaid Bundle Promotion to Social Bundles Promotion. The promotion was again amended on 12 September 2017 to allow for the transfer of remaining balance to the new SIM card when a new SIM swap is performed.

The promotion was further amended on 21 September 2017 to include WhatsApp, Facebook and Bonang by Cell C usage on the Social Data Bundle (which excludes viewing of any video content on these packages). The promotion was available for purchase on the following Cell $C$ plans/packages:

- All Cell C Prepaid Tariff Plans;
- Connector Plan;
- Pinnacle (Post-paid and Top-Up);
- SmartData (Post-paid and Top-Up);
- Prepaid SmartData monthly allocation and once-off allocation plans;
- WhatsApp;
- Facebook; and
- Bonang by Cell C.

[^4]The Social Bundles are available as a once-off purchase only and once a bundle has expired, customers need to purchase another bundle. Customers can activate more than one Social Bundle which will extend the validity date. Table 17 below shows the prices of Cell C Social Bundles Promotion.

Table 17: Cell C Social Bundles Promotion ${ }^{5}$

| BundI <br> e | Price | Any Use <br> Data | Social <br> Data | Games | Local Any- <br> net Minutes | Local Any-net <br> SMS | Validity <br> Period |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 1 | R 29 | 100 MB | 100 MB | 5 Games | 30 | 300 | 30 days |
| 2 | R 49 | 250 MB | 250 MB | 5 Games | 45 | 300 | 30 days |
| 3 | R 79 | 500 MB | 500 MB | 5 Games | 60 | 300 | 30 days |
| 4 | R 129 | 1 GB | 1 GB | 5 Games | 120 | 300 | 30 days |
| 5 | R 249 | 2 GB | 1.5 GB | 10 Games | 150 | 300 | 30 days |
| 6 | R 349 | 3 GB | 2 GB | 10 Games | 300 | 300 | 30 days |
| 7 | R 499 | 5 GB | 3 GB | 10 Games | 500 | 300 | 30 days |

Source: ICASA Database based on Tariff Notifications

Table 17 above illustrates that if a subscriber purchases a data bundle, for instance 500MB data bundle, they were allocated 500MB of data to use for social media, download 5 games, 60 local any-net minutes and 300 local any-net SMS's, all valid for 30 days. The Social Bundles promotion benefited customers with choice, effectively lower rates and access to the additional social media services.

The promotion was initially valid until 31 December 2017, however it got extended on the $18^{\text {th }}$ of December and the new validity period was the $31^{\text {st }}$ of January 2018.

### 2.5.4. Cell C LTE and LTE-A Plans Promotion

Cell C's LTE and LTE-A Plans promotion was initially launched on 01 October 2013, and was amended on the 08 September 2017 to change the name from Cell C LTE Power Plans to Cell C LTE and LTE-A Plans Promotion. The promotion is available as a fixed LTE data bundle only. It does not include voice calls and does not work

[^5]as a mobile connectivity solution. The plan provides customers internet access with large volumes of data at faster speeds.

Table 18 below shows the plans that customers can choose from five LTE and LTEA Plans Promotion, with a discounted monthly subscription fees ranging from R149 to R1100.

Table 18: Cell C LTE Power Plans Promotion

| Data <br> Package | Any-time Data | Monthly <br> Subscription | Discounted <br> Monthly Subscription | Out-of-Bundle Rate |
| :--- | :--- | :--- | :--- | :--- |
| LTE 15GB | 15360 MB | R 299 | R 149 | R 0.99 |
| LTE 25GB | 25600 MB | R 499 | R 239 | R 0.99 |
| LTE 50GB | 51200 MB | R 699 | R 489 | R 0.99 |
| LTE 100GB | 102400 MB | R 999 | R 849 | R 0.99 |
| LTE 200GB | 204800 MB | R 1 499 | R 1 100 | R 0.99 |

Source: ICASA database based on tariff notifications
This promotion was available until the $31^{\text {st }}$ of December 2017.

### 2.5.5. Cell C Smart Data Share Promotion

Cell C's Smart Data Share promotion was initially launched on 7 March 2017, a notification to amend the expiry date was filed on the $27^{\text {th }}$ September 2017. This promotion was a post-paid data plan available on a 12 or 24 -month contract. Table 19 shows the different packages and prices of the promotion.

Table 19: Cell C Smart Data Promotion

| Name | SmartData Share <br> $\mathbf{5 G B}$ | SmartData Share <br> $\mathbf{2 0 G B}$ | SmartData Share <br> $\mathbf{5 0 G B}$ |
| :--- | :---: | :---: | :---: |
| Subscription | R199 | R499 | R899 |
| AnyTime Data | $5 \mathrm{~GB}+5 \mathrm{~GB}$ | $20 \mathrm{~GB}+20 \mathrm{~GB}$ | $50 \mathrm{~GB}+50 \mathrm{~GB}$ |
| Nite Data | 1000 | $20 \mathrm{~GB}+20 \mathrm{~GB}$ | $50 \mathrm{~GB}+50 \mathrm{~GB}$ |
| Wi-Fi Calling Minutes (Any- <br> Net) | 14 | 1000 | 1000 |
| Shared SIMs | R 5 | R |  |
| Shared SIM Per Month | R 1.50 | R 1.50 | 14 |
| OOB Voice | R 0.50 | R 0.50 | R 1.50 |
| OOB SMS | R 0.99 | R 0.99 | R 0.50 |
| OOB Data | R 0.99 |  |  |

Source: ICASA database based on tariff notifications

Cell C offered customers double data bundles, meaning customers received extra data of the same value purchased. For instance, 5GB purchased got 5GB extra. Customers also received free Wi-Fi calling minutes and the ability to share their data and minutes to up to 14 SIM cards.

The Data Promotion benefitted customers with choice and an effectively lower price due the double data principle. This plan's other benefits included the sharing of data and minutes with family members and business customers.

The promotion ended on the $31^{\text {st }}$ of January 2018.

### 2.5.6. Cell C Promotional Connector Tariff Plan

Cell C's Promotional Connector tariff plans were launched on 2 June 2017. The promotion is available as a SIM only product with variable length contracts of either a month to month or 24 months.

The plans were available to new and existing customers, who are migrating or upgrading to new plans. Table 20 below shows the plan's product and price information.

Table 20: Cell C Connector Promotional Plan

| Name | Connector1 | Connector1 | Connector1 | Connector1 | Connector1 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Subscription | R 499 | R 599 | R 799 | R 999 | R 1499 |
| Mins | 10000 | 10000 | 10000 | 10000 | 10000 |
| SMS | 10000 | 10000 | 10000 | 10000 | 10000 |
| Data | 3 GB | 5 GB | 10 GB | 20 GB | 50 GB |
| Promo Data | 3 GB | 5 GB | 10 GB | 20 GB | 50 GB |
| OOB Voice | R 0.50 | R 0.50 | R 0.50 | R 0.50 | R 0.50 |
| OOB SMS | R 0.15 | R 0.15 | R 0.15 | R 0.15 | R 0.15 |
| OOB Data | $\mathrm{R0.15}$ | $\mathrm{RO.15}$ | R 0.15 | R 0.15 | R 0.15 |

Source: ICASA database based on tariff notifications

The plans offer customers with choice in terms of the options provided by the plans. Customers also benefitted from the plans through effectively lower prices
due to the double data principle. Customers could use the inclusive minutes for calls to any network.

The promotion was extended from 25 August 2017 until 31 October 2017.

### 2.5.7. Vodacom Double Data Promotion

Vodacom New Double Your Data Promotion is available to Prepaid, Post-paid and Hybrid customers who buy mobile internet data bundles exclusively via the latest Android and IOS Smart phone version of the My Vodacom App. The Double Your Data Promotion is not available to customers who buy data bundles from other channels.

Customers who purchase data bundles via My Vodacom App will receive double data bundles on the data size purchased. For instance, a customer purchasing 1GB data bundle will receive an additional 1 GB data bundle equivalent to the same size purchased at no additional cost, totalling to 2GB of data bundles.
The Double Your Data bundles cannot be used for international roaming and have no associated out-of-bundle rate.

Both the standard mobile internet data bundles and free data bundles are valid for a period of 30 days from the date of purchase and there will be no carry over of unused data after expiry. The purchase of an additional data bundle does not extend the validity period of the existing or previously purchased data bundle. Vodacom New Double Your Data Promotion customers benefit through effectively lower prices due to the double data principle.

The promotion is valid from 17 June 2017 to 31 March 2018.

### 2.5.8. Vodacom Additional Meg Your Day Promotional Offer

Vodacom Additional Meg Your Day Promotion offered prepaid, hybrid and postpaid customers with URL service based data bundles for use on specific partners
such as YouTube, Instagram, Facebook, Pinterest and DSTV URL's website or App's. Tariff pricing for the service based data bundles is shown in Table 21 below.

| Table 21: Vodacom Additional Meg Your Day Pricing |
| :--- |
| Once-Off Mobile Internet <br> Bundle Size Price <br> (Inc. VAT)  <br> 20MB  R 25 |
| 50 MB |
| 100 MB |
| 250 MB |
| 500 MB |
| GB |

The promotion was valid from 20 July 2017 until 31 December 2017.

### 2.5.9. Vodacom Just 4 You Promotion

Vodacom Just 4 You promotion is a tailor-made offer, just for customers depending on the user profile. Vodacom filed an amendment on the $31^{\text {st }}$ of August 2017 for its Just 4 You prepaid, Top-Up and post-paid offers. Tables 22 and 23 below shows the price adjustments for Just 4 You Prepaid, Top-Up and post-paid promotional offers for data services.

Table 22: Just 4 You Prepaid and Top-Up Promotion

| Just 4 You offer | Type | Allocation | Old Price | New Price | $\begin{gathered} \text { \% } \\ \text { Variance } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 250MB for 30 days at R85 | Data | 250MB | R 59 | R 55 | -6.8\% |
| 3GB for 30 days | Data | 3GB | R 299 | R 249 | -16.7\% |
| 5GB for 30 days | Data | 5GB | R 399 | R 339 | -15\% |
| Just for You for 30 days | Data | 50MB | R 15 | R 18 | 20\% |

Table 23: Sample ${ }^{6}$ of the Just 4 You Post-paid Offer Price changes

| Product | Type | Allocation | Old Price | New Price | \% Variance |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Summer bundles for 7 days | Data | 250 | R 25 | R 39 | $56 \%$ |
| Summer bundles for 30 <br> days | Data | 500 MB | R 99 | R 85 | $-14.1 \%$ |
| 500MB for 7 days | Data | 500 MB | N/A | R 99 | New |
| 1GB for 30 days | Data | 1 GB | R 146 | R 129 | $11.6 \%$ |
| 2GB for 30 days | Data | $2 G B$ | R 249 | R 199 | $-20.1 \%$ |

This promotion ended on 28 February 2018.

[^6]
### 2.5.10. MTN 50\% Value Promotion for data (Telesales)

MTN 50\% Value promotional offer was filed on the $1^{\text {st }}$ of September 2017 and it is ongoing until further notice. It is available on the following data price plans: My MTN Choice 5GB, 10GB and 20GB. This promotional offer is applicable to purchase via the telesales channel only be limited to the first five thousand customers who take up the promotional offer. New and existing customers wishing to upgrade will be eligible for the promotional offer. As part of the promotional offer, customers will receive an additional $50 \%$ data allocation whilst the subscription will remain the same. The additional $50 \%$ value is applicable for 24 -month fixed-term contracts. The additional is allocated each month for the full 24 months. MTN 50\% Value promotional offer benefits customers with additional data for usage during the day and night. Table 24 below illustrates the price of MTN 50\% Value Promotion for data (Telesales).

Table 24: MTN 50\% Value Promotion for data (Telesales)

| Price Plan | MTNChoice 5GB | MTNChoice 10GB | MTNChoice 20GB |
| :--- | :---: | :---: | :---: |
| Subscription Sim Only | R 199 | R 299 | R 499 |
| Inclusive Data | 5 GB | 10 GB | 20 GB |
| Night Express Data | 5 GB | 10 GB | 20 GB |
| Promo Value |  |  |  |
| Anytime Inclusive Voice | 2.5 GB | 5 GB | 10 GB |
| Night Express Data | 2.5 GB | 5 GB | 10 GB |
| Validity | 24 Months | 24 Months | 24 months |

### 2.5.11. MTN Double Your Data Promotion

MTN's Double Your Data Promotion was filed on the $15^{\text {th }}$ of December 2017 and it was ongoing as at $31^{\text {st }}$ December 2017. It is available on My MTNChoice 2GB and My MTNChoice 3GB price plans, as shown in table 25 below.

Table 25: MTN Double Your Data Promotional Offer

| Price Plan | My MTNChoice 2GB | My MTNChoice 3GB |
| :--- | :--- | :--- |
| Subscription Sim Only | R 89 | R 149 |


| Anytime Inclusive Data | 2GB | 3GB |
| :--- | :--- | :--- |
| Night Express Data | PGB | 3 GB |
| Promotional Value |  |  |
| Anytime Data | 2 GB | 3 GB |
| Night Express Data | 2 GB | 3 GB |
| Expiry | 30 days (no carry over) | 30 days (no carry over) |
| Total Data Value | 8 GB | 12 GB |

### 2.5.12. Cell C WhatsApp Bundle

WhatsApp Bundle is available to post-paid, prepaid and Top-Up customers. Customers have a choice of purchasing either a once-off or recurring WhatsApp Bundle. The WhatsApp bundle is available at a monthly subscription of R12.00, inclusive of VAT. Customers purchasing a WhatsApp Bundle, regardless of a tariff plan, automatically get access to WhatsApp while the bundle is still valid. Customers on WhatsApp Bundle accessing other websites will incur additional costs and WhatsApp (VoIP) calls attract additional data costs outside the WhatsApp Bundle offer. The validity period for a once-off WhatsApp Bundle is 30 days from the date of purchase on prepaid or activated as a once-off post-paid purchase.

For post-paid and Top-Up customers purchasing the recurring WhatsApp Bundle, the validity period will be their entire calendar month. For Post-paid and Top-Up customers purchasing the recurring WhatsApp Bundle the validity period will be their entire calendar month. Customers on WhatsApp Bundle accessing other websites will incur additional costs. Fair usage principle(FUP) of the WhatsApp 600MB per Bundle, as illustrated in Table 26 below.

| Service | Monthly <br> Subscription | FUP | Prepaid/Hybrid | Post-paid OOB |
| :--- | :--- | :--- | :--- | :--- |
| WhatsApp Bundle | R 12 | 600 MB | R 1.10 | R 0.99 |

### 2.5.13. MTN 30GB LTE Device Promotion for Post-Paid

On the $10^{\text {th }}$ of November 2017, MTN introduced the 30GB free data promotion. This promotion was implemented for specific plans in the following way:

- Customers who subscribed for the MTN Made For Me and MTN Made For Me top-up price plans with an LTE device received 10GB free for the first 3 months of their contract. The free data was valid for 30 days from the date of activation.
- Customers who subscribed for the My MTNChoice, My MTNChoice+ and Top-Up, My MTNChoice+ Talk and top-up, My MTNChoice Flexi and topup, MTN Sky and My MTNChoice Data price plans with an LTE device received 30GB free once-off data bundles.
- The allocated free data was valid for 30 days from date of activation.

The MTN 30GB data bundle promotion benefitted customers with lower effective rates due to the free allocation of additional data bundles.

The promotion was valid until the $31^{\text {st }}$ of January 2018.

### 2.5.14. MTN Payment Breather Promotion

MTN New Payment Breather promotional offer was available to the new and upgradable customers who took up a 24 -months contract with selected MTN price plans. As of January 2018, customers received a two months break from paying the contract price plan subscription as per table 27 below. It should be noted that the payment breather break was in respect of the device and subscription only. MTN Payment Breather Promotion benefitted customers with free monthly subscription for up to two months, to the selected MTN price, this in turn benefitted them with the lower effective rate.

Table 27: MTN Payment Breather Promotion: Device LG-G6 and Samsung S8

| Price plan | Device | 24 Months Subscription <br> with payment break <br> months 1 and 2 | Device | 24 Months <br> Subscription with <br> payment break <br> months 1 and 2 |
| :--- | :--- | :--- | :--- | :--- |
| MTN made for <br> me medium | LG-G6 | R 569 | Samsung S8 | R 599 |
| MTN made for <br> me Large | LG-G6 | R 739 | Samsung S8 | R 769 |
| MTN made for <br> me small + add <br> on booster <br> bundle 2GB | LG-G6 | R 599 | Samsung S8 | R 629 |
| MTN made for <br> me Medium + <br> add on booster <br> bundle 2GB | LG-G6 | R 669 | Samsung S8 | R 699 |
| MTN made for <br> me Large + add <br> on booster <br> bundle 2GB | LG-G6 | R 879 | Samsung S8 | R 909 |

This promotion was available until 31 January 2018.

### 2.6. Analysis of Sim-Only Post-Paid Tariffs

This section analyses fixed monthly subscription based SIM only tariff plans of Vodacom, MTN, Cell C and Telkom with contract terms of 24 Months. Tabulated below are the lowest monthly subscription SIM only packages from Vodacom, MTN, Cell C and Telkom. They are similar in terms of the voice minutes, SMS and data offered, with the exception of Telkom, which only offers 75MB as a complement to the 50 voice minutes. Table 28 below shows the fixed lowest monthly Subscription SIM only Package for Vodacom, MTN, Cell C and Telkom.

Table 28: Fixed lowest monthly subscription SIM only Package for Vodacom, MTN, Cell C and Telkom

|  | Vodacom <br> uChoose <br> Smart XS | MY MTNChoice <br> $\mathbf{5 0}$ | Cell C <br> Pinnacles 50 | Telkom <br> SmartPlan 50 |
| :---: | :---: | :---: | :---: | :---: |
| Monthly Subscription | R 169 | R 80 | R 69 | R 50 |
| Benefits included | 50 Voice <br> minutes, 100 | 50 Voice minutes, <br>  <br>  <br> SMSs, 100MB | 50 Voice <br> SMSs, | 50 Minutes, <br> minutes, 100 |
| 75MB Anytime |  |  |  |  |
| data |  |  |  |  |

[^7]Figure 7 below graphically projects the tariff charges in these packages, in terms of rates charged by Vodacom, MTN, Cell C and Telkom in their lowest fixed monthly subscription SIM only packages.
Figure 7: Fixed lowest monthly subscription SIM only Packages for Vodacom, MTN, Cell C and Telkom


Source: ICASA database based on tariff notifications

Figure 7 above compares on-net out-of- bundle voice per minute and off-net out-of-bundle voice per minute. It can be observed that Vodacom charges the highest for both on-net and off-net out of bundle voice per minute rates, whilst Cell C charges the lowest. Across all networks, on-net and off-net bundle rates are priced the same by operators except for MTN. MTN charges a slightly higher off-net out of bundle rate compared to its on-net out of bundle rate. Table 29 below shows the fixed highest Subscription sim only packages for Vodacom, MTN, Cell C and Telkom.

Table 29: Fixed highest subscription Sim Only packages for Vodacom, MTN, Cell C and Telkom

|  | Vodacom uChoose Smart XL | MY MTNChoice 1000 | Pinnacles Unlimited | Telkom Smart Plan 500 |
| :---: | :---: | :---: | :---: | :---: |
| Monthly Subscription | R 809 | R 899 | R 999 | R 500 |
| Benefits included | 800 Voice Minutes, 1600 SMS, $1.6 \mathrm{~GB}$ | 1000 Voice Minutes, 500 SMSs, 1GB | Unlimited Voice minutes, Unlimited SMSs, 3 GB+7GB | $500$ <br> Minutes, 1.2GB Anytime data |

[^8]Tabulated above are similar highest SIM only packages offered by each of the operators. Each of these packages vary in terms of the voice minutes, SMS's and data bundles offered by each operator. Figure 8 below provides greater scrutiny on the tariffs charged in these packages.

Figure 8 below shows the highest monthly subscription SIM only packages for Vodacom, MTN, Cell C and Telkom.

Figure 8:Highest monthly subscription SIM only packages for Vodacom, MTN, Cell C and Telkom


Source: ICASA database based on tariff notifications

Figure 8 above shows the rates charged by the various operators in their highest fixed monthly subscription SIM only packages. It compares on-net out-of-bundle voice per minute with off-net out-of-bundle voice per minute. While Vodacom and Telkom make no distinction between their on-net and off-net out of bundle voice rates, both MTN and Cell C charge their customers lower out of bundle voice rates for on-net calls.

### 2.7. Fibre-to-the-Home and Fibre-to-the-Business Tariff Plans

This section analyses the Fibre-to-the Home (FTTH) and Fibre-to-the-Business (FTTB) tariff plans offered in the market and the prices charged by the operators. The analysis of the tariff plans will consider the current FTTH service offered during the period under review.

Tables 30, 31 and 32 below show the prices charged for FTTH and FTTB services according to capacity of speed per Mbps offered by Vodacom, MTN, Cell C, Telkom and Tech 5, MWEB, Directel, Bitco, Cybersmart, Vox and CMC Networks. Some of the licensee (such as Vodacom and Cell C) offer FTTH fibre broadband services through self-built of the fibre networks provided by various Fibre Network Operators (FNO), including Vumatel, Frogfoot, Openserve, Fibrehoods and Mitsol.

The FTTH services are offered as both capped and uncapped services. The customers have an option of choosing between asymmetrical and symmetrical line speeds. However, during the period under review, FTTH and FTTB fibre services were mostly offered with the symmetrical upload/download line speeds ranging at $4 \mathrm{Mbps}, 10 \mathrm{Mbps}, 20 \mathrm{Mbps}, 50 \mathrm{Mbps}$ and 100 Mbps .

However, the prices charged across the different data line speeds differ as per the capacity, whether it is a Capped or Uncapped FTTH. For instance, Vodacom offers a 10Mbps line speed for R599 monthly charge, Telkom at R699 per month and Tech 5 at R520 per month, MWEB R649 per month, Bitco and R495 per month and Cybersmart at R799 per month.

Table 30: FTTH Tariff Plans offered by Vodacom

| Line Speed | Vodacom (Self Built) Capped | Vodacom (SelfBuilt) Uncappe d | Vodacom <br> (Vumatel) Capped | Vodacom (Vumatel) Uncapped | Vodacom (Openserve ) Capped | Vodacom (Openserve ) <br> Uncapped | Vodacom (Fibrehoods) Capped | Vodacom (Fibrehoods) Capped | Vodacom (Century City) Capped | Vodacom (Century City) Capped |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 4Mbps | N/A | N/A | R 499 | R 599 | R 449 | R 599 | N/A | N/A | N/A | N/A |
| $\begin{aligned} & 10 \mathrm{Mbp} \\ & \mathrm{~s} \end{aligned}$ | R 599 | R 799 | N/A | N/A | R 599 | R 649 | R 599 | R 679 | R 399 | R 499 |
| $\begin{aligned} & \text { 20Mbp } \\ & \text { s } \end{aligned}$ | R 699 | R 999 | R 799 | R 899 | R 849 | R 949 | R 699 | R 799 | R 599 | R 699 |
| 50Mbp $\mathrm{s}$ | N/A | N/A | R 999 | R 999 | N/A | N/A | R 799 | R 899 | R 749 | R 899 |
| $\begin{aligned} & 100 \mathrm{Mb} \\ & \mathrm{ps} \end{aligned}$ | R 1199 | R 1599 | R 1199 | R 1249 | R 1199 | R 1299 | R 749 | R 899 | R 849 | R 999 |

Table 31: FTTH Tariff plans offered by MTN, Cell C and Telkom

| Line Speed | MTN FTTH Capped | Cell C C-Fibre Connector Uncapped | Cell C Symmetrical Line Speed Uncapped | Telkom FTTH Capped | Telkom FTTH Uncapped | Telkom FTTB Uncapped |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 4Mbps | R 399 | N/A | N/A |  |  |  |
|  |  |  |  | N/A | N/A | R 1022 |
| 10Mbps | R 549 | N/A | N/A |  |  |  |
|  |  |  |  | R 699 | R 799 | R 1399 |
| 20Mbps | R 699 | R 1199 | R 899 (Vumatel) |  |  |  |
|  |  |  |  | R 799 | R 999 | R 1999 |
| 50Mbps | R 899 | R 1349 | R 899 (Frogfoot) |  |  |  |
|  |  |  |  | N/A | N/A | N/A |
| 100Mbps | R 1299 | R 1549 | R 999 (Frogfoot) |  |  |  |
|  |  |  |  | R 1599 | R 1699 | R 3199 |

Source: ICASA database based on tariff notifications

Table 32: FTTH and FTTB Tariff plans offered by Tech 5, MWEB, Directel, Bitco, Cybersmart, Vox Telecom and CMC Networks

| Line Speed | Tech 5 Silver FTTH Capped | Tech 5 <br> Bronze <br> FTTH <br> Capped | Tech 5 FTTB Capped | Tech 5 AirFibre Home FTTH Capped | Tech5 AirFibre Business FTTH <br> Uncapped | MWEB <br> FTTH <br> Uncapped | Directel FTTH Uncapped | BitCo <br> FTTB Uncapped | Cybersmart <br> FTTH <br> Uncapped | Vox Telecom FTTH Uncapped | CMC Networks FTTH |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 4Mbps | N/A | R 678 | N/A | N/A | R 699 | R 499 | N/A | N/A | R 579 | N/A |  |
| 10Mbps | R 520 | N/A | N/A | N/A | N/A | R 649 | N/A | R 495 | R 799 | N/A | R 1875 |
| 20Mbps | R 595 | R 795 | N/A | R 499 | R 799 | R 899 | R 795 | R 1495 | R 1199 | R 899 | R 1875 |
| 50Mbps | R 685 | R 1199 | $\begin{gathered} \text { R } 4 \\ 973.94 \\ \hline \end{gathered}$ | R 599 | R 899 | N/A | R 995 | R2 850 | N/A | R 1049 | R 1875 |
| 100Mbps |  |  | $\begin{gathered} \mathrm{R} \\ 5,893.92 \end{gathered}$ | R 699 | R 999 | R 1299 | N/A | R 4450 | N/A | R 1649 | R1 875 |

Source: ICASA database based on tariff notification

## 3. Data Price Benchmarking: 500MB, 1GB and 2GB data prices in Africa

Nhundu and Chin'anga (2017) stated that there is an increase in data usage over the years, due to the rate at which smartphone technology has evolved, with complementary Over the Top (OTT) services being the key driver of data traffic volume. This section provides a comparative analysis of the prepaid data bundles prices for $500 \mathrm{MB}, 1 \mathrm{~GB}$ and 2GB for South Africa and SADC and BRICS countries. South Africa is one of the developing economies within the African region, especially when compared with other SADC member countries. However, according to Nhundu and Chin'anga (2017) the mobile data market is still characterised by high data costs, which led to the \#Datamustfall campaign which went viral on social media (Twitter), in September 2016, demanding that Mobile Network Operators (MNOs) reduce their mobile data prices.

The Authority conducted a benchmarking exercise on the prices of 500MB, 1GB and 2GB data bundles offered by mobile operators in the African countries, with a focus on Southern African Development Community ("SADC")) and BRICS regions, where pricing information was readily available. In addition, a price comparison was done for the MNOs across the countries in which they operate. Other factors such as mobile network reach/coverage, service quality (i.e. speed and latency), technology type (e.g. LTE), and the price of the mobile devices were not taken into account in conducting this analysis. The findings of the benchmarking exercise findings are presented in sub-sections 3.1., 3.2. and 3.3 respectively.

The conversion methodology used for benchmarking was the global market exchange rate (MER) ${ }^{7}$, whereby mobile data prices were converted, utilising a direct conversion of all the benchmarked countries' currencies to the United States Dollar (USD's) spot rates.

[^9]When analysing data prices there were differences in terms of bundle sizes among countries which meant that at times the comparison could not be done. This was not a significant limitation, however, to minimise its effect on the research findings, where there were differences in the data packages offered, an equalisation calculation method was used to get the best estimate of the package.

### 3.1. SADC vs South Africa Data Price Benchmark

Figure 9 below shows the price differences in terms of the cheapest, average and highest 500MB prepaid data bundle rates ${ }^{8}$ in the SADC region.

Figure 9: SADC Prices for 500MB Prepaid Data Bundle in \$


Source: Operators Website (Converted on: 20 September 2017)

The figure above indicates that Botswana has the most expensive 500MB ${ }^{9}$ prepaid data bundles as compared to other countries in SADC, with its cheapest, average

[^10]and highest price at $\$ 26.95$. Mozambique has the lowest 500MB prepaid data bundles in the SADC region, with an average of $\$ 0.83$. Botswana's highest 500MB prepaid data bundle is therefore more expensive than SA's data bundle by 241.1\%.

Figure 10 below shows the difference between the lowest and the highest 1GB prepaid data bundle rates in the SADC region. Zimbabwe has the most expensive 1GB prepaid data bundles for the average and the highest data price categories at $\$ 26.11$ and $\$ 30$ respectively, when compared to other countries in SADC. DRC has the lowest 1GB prepaid data bundles across all three categories at $\$ 1.29$ within the SADC region.

Figure 10: SADC Prices for 1GB Prepaid Data Bundle in \$


Source: Operators Website (Converted on: 20 September 2017)

SA does not have the lowest priced 1GB data bundles, however it comes in $6^{\text {th }}$ place in terms of the cheapest 1GB data bundle offered in the country (\$4.89) among the 15 countries. Botswana's most expensive 1GB data bundle would cost a customer the $\$ 12.79$.

SA's most expensive $1 G B$ of data (priced at $\$ 12.04$ ) is lower than that of its neighbouring countries' Zimbabwe and Swaziland which are $\$ 30$ and $\$ 20.02$ respectively. Lesotho's highest 1GB data bundle price would cost a customer $\$ 7.53$ and this is relatively lower than the SA price by $37.5 \%$.

Figure 11 below shows the difference between the lowest and the highest 2GB prepaid data bundle rates in the SADC region. In the highest price category, Zimbabwe has the most expensive 2GB data bundle at $\$ 50$. This is $155.5 \%$ higher than SA's highest price for a $2 G B$ data bundle which is $\$ 19.57$.

Figure 11: SADC Prices for 2GB Prepaid Data Bundle in \$


Source: Operators Website (Converted on: 20 September 2017)

Figure 11 above illustrates that Seychelles' 2GB prepaid data bundle is price at $\$ 47.17$ across all three categories. DRC has the cheapest 2GB prepaid data bundle price at $\$ 1.03$. Mozambique's average price for a $2 G B$ data bundle is the lowest across the average prices in the SADC region at \$3.38.

The above graphs (i.e. figures 9, 10 and 11), shows that SA does not have the most expensive prepaid data bundle prices for the 500MB, 1GB and 2GB in the SADC region. It is also not the cheapest, however, its prices are below the average price of all the SADC prices across the categories. Botswana has the highest price for 500MB data bundle in the SADC region. Zimbabwe has the most expensive prices in the highest prices category for both 1 GB and 2 GB data bundles in the SADC region at $\$ 30$ and $\$ 50$ respectively.

### 3.2. Data Prices Benchmarking within the BRICS countries

In terms of prices, the cheapest, average and highest prepaid prices of 500MB, 1GB and 2GB data bundles valid for 30 days in SA were compared to those of similar packages in Brazil, Russia, India, China. The table below summarises the findings for the BRICS countries.

Table 33:Data Price comparison for BRICS countries in US (\$) Dollars

| Country | 500MB |  |  | 1GB |  |  | 2GB |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  | Cheapest | Average | Highest | Cheapest | Average | Highest | Cheapest | Average | Highest |
| Brazil | 5.30 | 6.64 | 7.98 | 10.65 | 10.91 | 11.18 | 14.05 | 14.48 | 14.90 |
| China | 12.50 | 28.75 | 45 | 25 | 57.50 | 90 | 15.21 | 70.07 | 160 |
| India | 1.90 | 2.18 | 2.67 | 1.03 | 2.33 | 2.78 | 2.72 | 4.13 | 4.61 |
| Russia | 1.29 | 1.29 | 1.29 | 2.59 | 2.59 | 2.59 | 4.02 | 4.08 | 4.14 |
| South <br> Africa | $\mathbf{2 . 6 3}$ | $\mathbf{5 . 7 2}$ | $\mathbf{7 . 9 0}$ | $\mathbf{4 . 8 9}$ | $\mathbf{9 . 0 4}$ | $\mathbf{1 2 . 0 4}$ | $\mathbf{7 . 1 5}$ | $\mathbf{1 4 . 4 3}$ | $\mathbf{1 9 . 5 7}$ |

Source: Operators Website Converted on: 20 September 2017 )

The benchmark results shown in table 33 above highlight that China's prepaid average prices for $500 \mathrm{MB}, 1 \mathrm{~GB}$ and 2GB packages are significantly higher than the other BRICS countries. China is followed by Brazil, with SA being third. Russia and India have the lowest prepaid average prices for the 500MB, 1GB and 2GB packages.

China has the highest data price followed by Brazil with South Africa being $3^{\text {rd }}$ for the 500MB bundle in all three categories, as shown in table 33 above. Russia had the lowest prices at $\$ 1.29$ in the 500MB data bundles across all three categories. South Africa's data prices are higher than Russia's by 103.9\%, 343.4\% and $512.4 \%$ for the cheapest, average and highest 500MB 30-day data bundles.

In the 1GB data bundle which is valid for 30 days, India has the lowest prepaid prices in terms of the cheapest category, at $\$ 1.03$. South African average prices were significantly lower ( $536.1 \%$ less) than China with average prices ( $\$ 57.5$ for 1 GB ) and $20.7 \%$ lower than the average price in Brazil. On the other hand, Russia and India's average prices for 1GB were lower by $249 \%$ and $288 \%$ respectively when compared to South African prices.

In terms of 2GB 30-day prepaid data bundles, the highest for SA is priced at $\$ 19.57$ and this is 8.18 times lower than China's which is $\$ 160$. There is a significant difference of $\$ 144.79$ between China's cheapest and highest 2GB 30day prepaid data prices. The difference between the cheapest and the highest 2GB 30 -day prepaid data bundle in SA is $\$ 12.42$.

### 3.3. Comparison of SA MNOs prices in countries where they operate

This section analyses the benchmarked prices for the $500 \mathrm{MB}, 1 \mathrm{~GB}$ and 2GB data bundles which are valid for a period of thirty (30) days. that are charged by the South African Operators, namely, Vodacom and MTN, in other countries.

### 3.3.1. MTN International Footprint and Prices for Data Bundles

Table 34 below shows the prices for the 500MB, 1GB and 2GB data bundles for MTN in countries where this they operate.

MTN Botswana's 1GB and 2GB data bundles are closer to those MTN SA charges at $\$ 12.53$ and $\$ 19.33$ respectively. MTN SA prices for the same data bundles are $\$ 11.95$ and $\$ 19.42$. Liberia has the lowest 2GB data bundle price at $\$ .04$, followed by Iran at $\$ 0.23$. MTN SA price for the same data bundle is higher by $48450 \%$ and $8343.5 \%$ respectively than Liberia and Iran.

Table 34: 500MB - 1GB - 2GB MTN Prepaid Data Price by Country in US (\$) Dollars

| Country | Prices of data bundles in US \$ |  |  |
| :--- | :--- | :--- | :--- |
|  | 500MB | 1GB | 2GB |
| Afghanistan | N/A | 4.32 | 5.76 |
| Benin | N/A | 7.17 | 10.76 |


| Botswana | N/A | 12.53 | 19.33 |
| :--- | :--- | :--- | :--- |
| Cyprus | N/A | 18.88 | 27.15 |
| Ghana | 2.22 | 4.43 | 7.1 |
| Iran | N/A | 0.14 | 0.23 |
| Ivory Coast | 1.69 | 3.37 | 6.33 |
| Liberia | N/A |  | 0.04 |
| Nigeria | N/A | 3.15 | 5.04 |
| Rwanda | N/A | 2.32 | N/A |
| South Africa | 7.84 | 11.95 | 19.42 |
| Uganda | 5.56 | 8.34 | N/A |
| Zambia | 1.69 | 3.41 | 6.75 |

Source: Country Specific Operator Websites (Converted: 15 December 2017)

Figure 12 shows the 500MB data bundles offered by MTN at its international operations in the global markets. MTN South Africa is currently charging $\$ 7.84$ (R105.00) for 500MB data bundle. This is the most expensive price that MTN charges for this data bundle when compared to other countries where it is operational.

In Uganda MTN is charging $\$ 5.56$ for a 500MB data bundle, followed by Ghana at $\$ 2.22$. Both Ivory Coast and Zambia charge the lowest rate of $\$ 1.69$ for 500MB, which means that MTN SA charges $363.9 \%$ more than in these two countries. It is evident from figure 15 that MTN SA has the highest price charged for 500MB data bundles when compared to its other international operations.

Figure 12: MTN International Footprint Prices for 500MB


Source: Country specific Operator Websites (Converted: 15 December 2017)

According to figure 13 below MTN charges the highest rate for a 1GB data bundle in Cyprus at $\$ 18.88$, followed by Botswana with a rate of $\$ 12.53$ and SA at a rate of $\$ 11.95$ (R160) when compared to other countries where it has a footprint.

Figure 13: MTN International Footprint Prices for 1GB Data Bundle


Source: Country specific Operator Websites (Converted: 15 December 2017)

Generally, MTN is charging rates high rates for a 1GB data bundle in SA than in other countries it operates in, such as, Ghana, Ivory Coast, Nigeria, Rwanda and Zambia. For example, in Rwanda, MTN charges $\$ 2.32$, for a 1GB data bundle which is the lowest price in the African countries mentioned above. Iran is the lowest at $\$ 0.14$.

Figure 14 below, shows the various prices MTN charges for a 2GB data bundle across the countries it operates in. MTN charges the highest rate for 2GB data bundle in Cyprus at $\$ 27.15$, with MTN SA charging $\$ 19.42$ (R260). This is followed by Botswana, charging \$19.33 and Ghana at \$7.10.

The lowest rates charged for 2GB data bundles are in Liberia, Iran and Afghanistan, with the rates charged at, $\$ 0.04, \$ 0.23$ and $\$ 5.76$, respectively. MTN SA charges $8343.5 \%$ more when compared to MTN Iran. Worth noting is that Iran has 2600 MHz spectrum band allocated to the operators.

Figure 14: MTN International Footprint Prices for 2GB Data Bundle


Source: Country specific Operator Websites (Converted: 15 December 2017)

In conclusion, MTN SA charges the highest for a 500MB data bundle when compared to other countries listed in figure 12 above. This is concerning since 500MB is the most preferred data bundle by low-income earners. In terms of the 1GB data bundle, MTN SA charges the $3^{\text {rd }}$ highest price, in comparison to other MTN's in other countries. It is the $2^{\text {nd }}$ highest in the $2 G B$ data bundle prices. Figures 12-14 gives credence to the public claims that SA MNOs, in this case MTN charges higher prices in SA than in other countries they operate in.

### 3.3.2. Vodacom International Footprint and Prices for Data Bundles

There was limited information to compare Vodacom SA prices to the other Vodacom/Vodafone companies in other countries. Therefore, limited benchmarking could be done based on the attainable information.
In terms of the 500MB data bundle, information was retrieved for only Tanzania and Egypt. Vodacom SA charges $\$ 7.35$ for this bundle whilst Egypt Vodafone charges the lowest price at $\$ 0.84$. Tanzania Vodacom, charges $\$ 2.25$ for the same data bundle size.

Figure 15 below shows the benchmarked 1GB data bundle prices for Vodacom in the different countries it operates in. Vodacom SA, is again the highest from the countries benchmarked at $\$ 11.06$. The lowest price for a 1 GB data bundle that

Vodacom charges is that in Vodafone Egypt at $\$ 1.12$. This is followed by Vodacom Nigeria at \$2.77.

There is a price difference of $\$ 8.29$, which means Vodacom charges a SA customer almost $300 \%$ more than a Nigerian customer for a 1 GB data bundle.

Figure 15: Vodacom International Footprint Prices for 1GB Data Bundle


Source: Country Specific Operator Websites (Converted: 15 December 2017)
Figure 16 below provides evidence that Vodacom South Africa's 2GB data bundle which is priced at $\$ 18.49$, is expensive when compared to other countries where it operates. Vodafone Egypt is the lowest and charges $\$ 2.02$ which is lower than Vodacom SA's by $\$ 16.47$. This means that Vodacom SA charges $815.4 \%$ more for a 2GB data bundle than what Vodafone Egypt charges.

Figure 16: Vodacom International Footprint Prices for 2GB Data Bundle


Source: Country Specific Operator Websites (Converted: 15 December 2017)

In conclusion, figures 15 and 16 above illustrate that, the data prices for the 1GB and 2GB data bundles for Vodacom SA are expensive when compared those which Vodacom charges in other countries it operates in. This might be because of the economic factors in those countries and various other factors which were highlighted under section 3 of the report.

The benchmark exercise above shows that Vodacom SA is the most expensive, when comparing the prices, it charges in other countries, in the 500MB, 1GB and 2GB data bundle prices.

### 3.4. Regulatory interventions underway to address high data charges

The snapshot of data prices presented in the benchmarking of South Africa's 500MB, 1GB and 2GB data prices as shown in section 3.1-3.3 above, signals that South Africa's data prices are not the cheapest. For instance, the gap between the cheapest average price of 500MB i.e. in Morocco to that of South Africa, is almost 10 times more expensive, this is significant and supports the notion that data prices in South Africa are considerably high when compared to most African countries, such as those in Figure 9 and Table 35.

In addition, the price differentials between the in-bundle and out-of-bundle data rates are excessive (as high as 2720\%, as per evidence presented in Table 11 and 12, in sub-section 2.3.1.), which disadvantages customers, who are unable to afford to buy a recurring/monthly bundle upfront. To this end, the Authority has undertaken various initiatives to address calls for regulatory interventions towards a potential reduction of data charges. These initiatives are:

### 3.4.1. Short-term initiatives

These refer to initiatives that could be implement in a period of six months or less.

### 3.4.1.1. ICASA / NCC Task Team assessment of mobile data services business rules

The Authority established a task team together with the National Consumer Commission ("NCC") to address challenges that have been raised by consumers with regards to the business rules of mobile data services (particularly the business rules on expiry of unused data bundles and the differentials between in-and-out-of-bundle rates).

It should be noted that the Task Team was guided by object $2(n)$ and $(y)$ of the ECA as well as section 3 of the Consumer Protection Act, 2008 (the "CPA").

The ICASA/NCC Joint Task Team investigation was conducted and finalised in August 2017. This process culminated in the amendment of the End-user and Subscriber Service Charter Regulations ("draft Regulations"), which was first published on 7 Aug 2017 and republished on 17 November 2017. The amendment of the Regulations was directed at regulation 8(7) thereof and purports to minimise or remove harm to consumers due to unfairness of the current data bundles expiry rules and high out-of-bundle rates. The Authority is currently finalising the regulatory making process, with the final Regulations expected to be published by end of the 2017/18 financial year.

### 3.4.1.2. International benchmark on mobile retail data tariffs

The Authority has done a comprehensive international benchmark study on South African mobile retail data tariffs against comparator countries.

This study was guided by section 4(h) of the ICASA Act. The objective of this report was to compare South African data bundles with other comparator countries to assess the level of competitiveness of South African data bundles. This study informs ICASA's position on whether ex-ante regulatory intervention into the data prices is required in line with international best practise. The data benchmark report is for internal research purposes and therefore it will not be published. However, worth noting is that part of the benchmark findings has been used under section 3 of this report.

### 3.4.2. Medium-term initiatives

These refer to initiatives that can be implemented in a period of 12 months or less.

### 3.4.2.1. Market inquiry into the broadband services markets

The purpose of the proposed broadband market inquiry is to identify broadband markets or market segments susceptible to ex ante regulation and immediately conduct market reviews in respect of those markets.

The inquiry will be conducted in terms of section 4 B read with section 67(4) of the ECA also to address the concerns raised by various stakeholders regarding data prices and to respond to the final policy direction on effective competition in broadband markets and the reduction of data costs.

The project has been deferred to the next financial year given that the Competition Commission is also embarking on the data enquiry process.

### 3.4.2.2. Rapid Deployment Regulations

The Authority is engaging the Department of Telecommunications and Postal Services (the "DTPS") with regards to the policy directive on the rapid deployment of infrastructure as this has a direct and indirect impact on the cost to communicate. The team has since developed a baseline document that seeks to establish a common understanding and an approach towards implementation of the Rapid Deployment Policy as outlined in the National Integrated ICT Policy White Paper.

### 3.4.3. Long-term initiatives

These refer to initiatives that will take longer than twelve months to implement.

### 3.4.3.1. Priority Markets Inquiry

On the $30^{\text {th }}$ of June 2017, the Authority published a notice of intention to conduct an inquiry in terms of section 4B of the ICASA Act to identify priority markets in the electronic communications sector. The purpose of the inquiry is to identify markets that the Authority will prioritise for market reviews and potential regulation in terms of section 67(4) of the ECA following the conclusion of the inquiry. The Authority published the Discussion Document (Gazette No. 41446) on 16 February 2018, which invites stakeholders to make written representations.

## 4. Conclusion

The standard headline tariffs remain unchanged. However, the Authority observed changes in the standard tariffs for prepaid data bundles, where there were changes on the price if prepaid data bundles. For instance, Cell C increased some of its prepaid data bundles, such as the 100MB by 53\% (from R19 to R29), 500MB by 16\% (from R85 to R99), 2GB by 2\% (from R249 to R245), 10GB by 9\% (from R549 to R599). Cell C has also reduced its 20GB data bundle rate by 27\% (from R1099 to R799). Moreover, Cell C has also reduced its prepaid out-of-bundle call rate for the 66c prepaid tariff plan by 72\% (from R0.66 to R0.15). Vodacom has
also reduced its out-of-bundle rate for prepaid and hybrid tariff plans to R0,99c and R0,89c respectively. This means that Cell C customers are now paying more on their data bundles in the period under review, than they were in the last period. Although Cell C has increased its data prices, it is still cheaper, then those of MTN and Vodacom.

The Authority observed an intense competition between licensees in terms of the number of promotions that were on offer in the market during the period under review. The Authority received 43 promotional notifications which were either new, extensions and/or amendments. Furthermore, it must be noted that customers who signed up for various promotions in the market may have benefited from lower tariffs and value adding services.

The Authority also noted the concerns behind the \#datamustfall campaign. To this end, the Authority is currently working on various regulatory initiatives to ensure that data and any other communication services become affordable for consumers.

The Authority will continue to monitor and publish this report with retail market prices to ensure that subscribers have information on the competitive rates which are prevailing in the market.

## 5. References

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< https://www.manxtelecom.com/support/mobile/number-portability/on-net-and-off-net> [Accessed on 17 July 2017].

ITU. (2010). Definitions of World Telecommunication/ICT Indicators, Geneva: International Telecommunications Union (ITU).

Nhundu, N., and Chin'anga, F. 2017. Data Must Fall: Evidence from MTN SA, Nigeria and Ghana. Quarterly Competition Review. Centre for Competition, Regulation and Economic Development. University of Johannesburg.

Annexure A: List of Other ${ }^{10}$ Tariff Notifications Filed During the Period Under Review

| TARIFF PLAN | EXPLAINATION OF THE TARIFF PLAN | RELEVANT DATES | PRICING/PRODUCT/PACKAGE INFORMATION |  |  |  |  |  |  |  | STATUS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Cell C 0.66c Prepaid Tariff Plan | Cell C's 66c Prepaid tariff plan is only available to prepaid customers and is billed on a per second basis. <br> Customers are charged a standard rate of R0.66 p/min for both on-net and off-net calls. Out-of-bundle data rates are charged at R0.15 per MB. | Filed: 19 September 2014 <br> Effective/Launch <br> Date: <br> 26 September2014 <br> Amended: 11 <br> September 2017 | Table <br> Serv <br> On- <br> Off - <br> SMS <br> Data <br> Additi <br> follow <br> https: | Cell <br> e <br> t <br> et <br> ak / O <br> MB $\qquad$ <br> al info the <br> www.c | Peak <br> mation <br> belo <br> lc.co. | $\square$ $\square$ <br> is ava <br> /cellc | Pric <br> R 0. <br> R 0. <br> R 0. <br> R 0. <br> able a <br> prepa | $\qquad$ $\qquad$ $\qquad$ <br> the lic -contr |  | site by <br> 6c | Ongoing as at 31 December 2017 |
| Cell C Pinnacle Tariff Plan with black Data | Cell C's Pinnacle Tariff Plan with black Data is available to new and existing post-paid and Top-Up customers on Pinnacle 100 and above plans. <br> Current existing customers on Pinnacle 100 and above receive a monthly allocation of black Data | Filed: 24 October 2017 <br> Effective/Launch <br> Date: <br> 15 November 2017. | Table <br> Name <br> Subscri <br> ption <br> New <br> Include <br> - Black <br> Data <br> Additi <br> follow <br> https: | Pinna <br> 100 <br> R 299 <br>  <br> info the www.c | e with <br> R 199 <br> 2 GB <br>  <br>  | Black <br> 250 <br> R 299 <br> 5GBB <br>  <br>  | Data Ta <br> R 399 <br>  <br> able at <br> black | iff Pla <br> $\mathbf{6 0 0}$ <br> R 499 <br> $10 G B$ <br> the lic | 1000 <br> R 699 <br> $20 G B$ <br>  | Unlimited <br> R 999 <br> $20 G B$ <br> bsite by | Ongoing as at 31 December 2017 |

[^11]|  | bundles for the remainder of their contract period. <br> The inclusive black Data can only be used for the streaming or browsing of Black content on the Black platform and will be charged at an out-of-bundle rate of R0.15 across all Pinnacle plans. There is no carry over of the unused black Data bundles. |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Cell C -Fibre Connector Tariff Plans | Cell C's C-Fibre Connector Tariff Plan is available either as post-paid or Top-Up plan. This tariff plan is offered as a SIM only uncapped Fibre-to-the-Home (FTTH) product. The plan is offered on a month-tomonth contract customer are offered with free installation, free connection and free $\mathrm{Wi}-\mathrm{Fi}$ router. The tariff plan charges similar rates to customers for voice, data, SMS and Wi-Fi calling, regardless of the options they choose. | Filed: 11 August 2017 <br> Effective/ <br> Launch Date: 25 <br> August 2017 | Table 3: C-Fibre Connector Tariff Plans |  |  |  |  | Ongoing as at 31 December 2017 |
|  |  |  | Tariff Plan | Connect or 20 | Connector 40 (Openserv <br> e) | Connec tor 50 | Connect or 100 |  |
|  |  |  | Subscription | R 999 | R 1299 | R 1299 | R 1699 |  |
|  |  |  | SIM card | 1 | 2 | 2 | 3 |  |
|  |  |  | Mobile all Networks Minutes | 1000 | 1000 | 1000 | 1000 |  |
|  |  |  | Wi-Fi Calling Minutes | 500 | 500 | 500 | 500 |  |
|  |  |  | Voice | R 1.50 | R 1.50 | R 1.50 | R 1.50 |  |
|  |  |  | Data | R 0.99 | R 0.99 | R 0.99 | R 0.99 |  |
|  |  |  | $\begin{array}{\|l\|} \hline \text { SMS } \\ \hline \text { Wi-Fi } \end{array}$ | $\begin{aligned} & \text { R } 0.50 \\ & \hline \text { R } 0.50 \\ & \hline \end{aligned}$ | $\begin{aligned} & \text { R } 0.50 \\ & \hline \text { R } 0.50 \\ & \hline \end{aligned}$ | $\begin{aligned} & \text { R } 0.50 \\ & \hline \text { R } 0.50 \end{aligned}$ | R 0.50 |  |
|  |  |  | Additional information is available at the licensee's website by following the link below: <br> https://www.cellc.co.za/cellc/voice-contract-detail/Connector |  |  |  |  |  |




| Cell C LTE and LTE-A <br> Plans Promotion | Cell C's LTE and LTE-A Promotional Plans are available as a fixed LTE data bundles only. The plan does not include voice calls and does not work as a mobile connectivity solution. It provides customers internet access with large volumes of data at faster speeds. | File: 8 September 2017 <br> Effective/ <br> Launch Date: 14 <br> September 2017 | Table 10: Cell C LTE Power Plans Promotion |  |  |  |  | Ongoing until 31 <br> December 2017 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Data <br> Package | Any-time <br> Data MB | Monthly Subscri ption | Discounted Monthly Subscription | Out-of- <br> Bundle Rate |  |
|  |  |  | $\begin{aligned} & \text { LTE } \\ & \text { 15GB } \end{aligned}$ | 15360 | R 299 | R 149 | R 0.99 |  |
|  |  |  | $\begin{aligned} & \text { LTE } \\ & 25 \mathrm{~GB} \end{aligned}$ | 25600 | R 499 | R 239 | R 0.99 |  |
|  |  |  | $\begin{aligned} & \text { LTE } \\ & 50 \mathrm{~GB} \end{aligned}$ | 51200 | R 699 | R 489 | R 0.99 |  |
|  |  |  | $\begin{aligned} & \text { LTE } \\ & \text { 100GB } \end{aligned}$ | 102400 | R 999 | R 849 | R 0.99 |  |
|  |  |  | $\begin{aligned} & \text { LTE } \\ & 200 \mathrm{~GB} \end{aligned}$ | 204800 | R 1499 | R 1100 | R 0.99 |  |
|  |  |  | Additional information is available at the licensee's website by following the link below: <br> https://www.cellc.co.za/cellc/data-contract-detail/LTE-A |  |  |  |  |  |
| Cell C ClickaBet Sports Betting Promotion | Cell C's ClickaBet Sports Betting Promotion is a 6 months pilot promotion with 5000 prepaid cards available only in Gauteng Cell C stores. The offer is available to Prepaid, Top-Up and Post-paid customers. Customers can bet with a minimum of $R 5.00$ to a maximum of R20 000. | Filed:18 September 2017 <br> Effective/ <br> Launch Date:28 <br> September 2017 | Table 11: Cell C ClickaBet Sports Betting |  |  |  |  | Ongoing until 31 March 2018 |
|  |  |  | Service |  | All Day | Unit | d Value |  |
|  |  |  | ClickaBet <br> Betting 50 | $\begin{aligned} & \text { Sports } \\ & \text { MB } \\ & \hline \end{aligned}$ | 50 | 1 |  |  |
|  |  |  | Additional information is available at the licensee's website by following the link below: <br> https://www.cellc.co.za/cellc/clickabet |  |  |  |  |  |




|  | to choose the packages that are suitable to their needs and affordability. |  | Table 16: Cell C FNB Connect Post-paid Voice Connect Ultimate and Connect Flexi Packages |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Post-Paid Voice Package | Connect Ultimate | Connect Flexi |
|  |  |  | SIM and <br> Connection Fee | R 50 | R 50 |
|  |  |  | Monthly <br> Subscription Fee | R 399 | DBS* |
|  |  |  | Package Allocation |  |  |
|  |  |  | Inclusive Minutes | 4000 | DBS |
|  |  |  | Inclusive Data | 100 | DBS |
|  |  |  | Inclusive SMS | 50 | DBS |
|  |  |  | Out of Bundle Rates (OOB) |  |  |
|  |  |  | Voice | R 1.50 | R 0.95 |
|  |  |  | Data | R 1 | R 1 |
|  |  |  | SMS | R 0.50 | R 0.50 |
|  |  |  | International SMS | R 1.50 | R1.50 |
|  |  |  | *DBS means Depends on Bundle Selection <br> Table 17: Cell FNB Connect Once Off Data Bundles (50MB 500MB) |  |  |
|  |  |  | Once Off Data Bund | le 50 MB | 500 MB |
|  |  |  | Validity(Days) | 30 | 30 |
|  |  |  | Price | R 15 | R 89 |
|  |  |  | In-Bundle Rate | R 0.30 | R 0.18 |
|  |  |  | Table 32: CellC FNB Co | onnect Once of | Bundles (1GB-20GB) |
|  |  |  | Once Off Data Bundle | 1GB | 20 GB |
|  |  |  | Validity (Days) | 30 | 30 |



| Black Data | Cell C's Black Data Bundles is a new black content platform and the black data is limited to black social media. The usage of the black data bundles is limited for use on the black platform and for black content and black browsing only. The black data bundle is available to Prepaid, Hybrid and Post-paid customers as recurring or once off bundles and are valid for 365 days from the date of purchase. <br> If black data bundles are depleted before the end of the validity period, then out-of-bundle data rates shall be applicable. | Filed: 10 November 2017 <br> Effective/ <br> Launch Date: 1 <br> November 2017 | Table 20: | mple of | Cell C's - | ack Dat | Bundles |  | Ongoing as at 31 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Bundle Name | Inclusiv <br> e Data <br> (GB) | MB | Bundle <br> Price | In Bundle Rate | Validity <br> (from date <br> of purchase) | December 2017 |
|  |  |  | blackData 1 GB | 1 | 1024 | R 30 | R 0.02 | 365 <br> Days <br> Post-paid recurring |  |
|  |  |  | blackData $2 G B$ | 2 | 2048 | R 60 | R 0.03 | 365 days <br> Post-paid recurring |  |
|  |  |  | blackData 5 GB | 5 | 5120 | R 150 | R 0.03 | $\begin{aligned} & \hline 365 \\ & \text { days } \end{aligned}$ |  |
|  |  |  | blackData <br> 10 GB | 10 | 10240 | R 250 | R 0.02 | 65 <br> days <br> Post-paid <br> recurring |  |
|  |  |  | blackData <br> 100GB | $100$ | $\begin{aligned} & \hline 102 \\ & 400 \end{aligned}$ | R 999 | R 0.01 | 365 <br> days <br> Post-paid recurring |  |
|  |  |  | Additional by followi www.cellc | formatio the link .za/cellc | is ava <br> elow: <br> black-d | le at th a-bundle | licensee's | vebsite |  |


| Cell C black OTTPlatform | Cell C's OTT content platform offers customers with the following black service offerings: <br> - Buy - Purchase movies <br> - Rent - Rent movies <br> - Subscription - Movies, Series, Documentaries, Music Videos and Kids entertainment across all genres on a monthly subscription. <br> - Subscribing customers can get access to approximately 300+movies, 2220+ TV shows, 1000+ Kids shows and 4500+ Music Videos. Subscription is either available on daily, weekender, weekly and monthly basis | Filed: 20 October 2017. <br> Effective/ <br> Launch Date:3 <br> November 2017 <br> Amended: 7 <br> November 2017 | Table 21: Cell C Amended Black Platform Service Offerings |  |  |  |  | Ongoing until 28 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Service | Time of Day | $\begin{aligned} & \text { Old } \\ & \text { Tariff } \end{aligned}$ | $\begin{aligned} & \hline \text { New } \\ & \text { Tariff } \end{aligned}$ | $\begin{aligned} & \text { \% } \\ & \text { Variance } \end{aligned}$ | February 2018 |
|  |  |  | Amended Black Platform Service Offerings |  |  |  |  |  |
|  |  |  | Playblack DAILY | Anytime | R 10 | R 5 | -50.0\% |  |
|  |  |  | Playblack WEEKLY | Anytime | R 25 | R 5 | -40.0\% |  |
|  |  |  | Playblack MONTHLY | Anytime | R 39 | R 25 | -39.5\% |  |
|  |  |  | Additional Black Platform Service Offerings |  |  |  |  |  |
|  |  |  | Binge Access: FLEXIblack Access BTV Access | Anytime | N/A | R 79 | 0\% |  |
|  |  |  | Binge Premium: FLEXIblack Premium BTV Premium |  | N/A | R 279 | 0\% |  |
|  |  |  | Binge Premium Plus <br> FLEXIblack Premium <br> BTV Premium <br> MUTV <br> LFCT <br> Chelsea TV <br> Barca TV <br> Real Madrid |  | N/A | R 389 | 0\% |  |
|  |  |  | Additional information is available at the licensee's website by following the link below: https://www.cellc.co.za/cellc/black |  |  |  |  |  |
| Telkom Mobile Night | Telkom's once-off All Network data | Filed:16 November | Table 22: Telkom Night Surfer on Once-Off Bundles |  |  |  |  | Ongoing as at 31 |
| Surfer/Once-Off Bundle | bundles has a night surfer data component. The night surfer data |  | All Net <br> Internet Bundle |  | Night Surfer on Once-Off Bundle |  |  | December 2017 |


|  | component is applicable from 12h00AM to 7h00AM daily. | Effective/ <br> Launch Date: 25 <br> November 2017 | 1GB Once-Off/Recurring |  | 1GB |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 2GB Once-Off/Recurring |  | 2GB |  |  |
|  |  |  | 3GB Once-Off/Recurring |  | 3GB |  |  |
|  |  |  | 5GB Once-Off/Recurring |  | 5GB |  |  |
|  |  |  | 10GB Once-Off/Recurring |  | 10GB |  |  |
|  |  |  | Additional information is available at the licensee's website by following the link below: <br> https://secure.telkom.co.za/today/shop/plan/data-bundles/ |  |  |  |  |
| Cell C VSB Staff Tariff | Cell C's VSB Staff Tariff Plan is a prepaid product available to the VSB staff members only. Local voice calls to any-network and landlines are charged at a standard rate of R 0,75 per minute during all hours. | Filed: 24 November$2017$ | Table 23: Cell C VSB Staff Tariff Plan |  |  |  | Ongoing until 28 <br> February 2018 |
|  |  |  | Service |  | Time of Day | New Tariff (VAT Inclusive) |  |
|  |  |  | Local Voice Calls <br> (Any network and Landlines) |  | Anytime | R 0.75 |  |
|  |  |  |  |  | Anytime | R 0.30 |  |
|  |  |  | Local SMS |  | Anytime | R 0.25 |  |
|  |  |  | Local MMS |  | Anytime | R 0.70 |  |
|  |  |  | International SMS |  | Anytime | R 2 |  |
|  |  |  | Additional information is available at the licensee's website by following the link below: <br> www.cellc.co.za |  |  |  |  |
| Cell C Emergency Data | Cell C's Emergency Data enables customers to request data and access emergency services in advance when their data is depleted and they do not have money at that particular point. | Filed: 28 November 2017 | Table 24: Cell C Emergency Daily and 30-Day Data Bundles |  |  |  | Ongoing until 31 <br> December 2018 |
|  |  |  | Emergency <br> Data | Price | Service <br> Fee | Total <br> Amount Paid |  |
|  |  |  | Daily Data |  |  |  |  |
|  |  | Effective/ <br> Launch Date: 13 <br> December 2017 | 20MB | R 4 | R 1 | R 5 |  |
|  |  |  | 50MB | R 9 | R 1 | R 10 |  |
|  |  |  | 100MB | R 14 | R 1 | R 15 |  |
|  |  |  |  |  |  |  |  |



|  | The bundles are only available to customers on Prepaid and Hybrid Contracts. The data bundles are allocated in full of no pro-ration. The bundles are available as both once-off and recurring bundles. | Launch Date:26 August 2017 | 500MB | R 59 |  |  | R 1.50 or R 2 | R 1 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 1GB | R 79 | R 0.09 |  | R 1.50 or R 2 | R 1 |  |
|  |  |  | 2GB | R 99 | R 0.04 |  | R 1.50 or R 2 | R 1 |  |
|  |  |  | $1 \mathrm{~GB}$ <br> Fortnight | R 99 | R 0.10 R |  | R 1.50 or R 2 | R 1 |  |
|  |  |  | Additional information is available at the licensee's website by following the link below: <br> http://www.vodacom.co.za/vodacom/terms/data-bundle-terms/weekly-and-fortnightly-data-bundles <br> http://www.vodacom.co.za/vodacom/terms/data-bundle-terms/weekly-and-fortnightly-data-bundles |  |  |  |  |  |  |
| MTN 100\% Value Promotion | MTN's 100\% Value Promotion is available My MTN Choice tariff plan from the first 3 months to the full 24 months of the contract, whilst the subscription fee remains the same. | Filed:25 August 2017 <br> Effective/ <br> Launch Date:1 <br> September 2017 | Additional information is available at the licensee's website by following the link below: <br> https://shop.mtn.co.za/crs/specialOffer.jsp?containerID=2For1 |  |  |  |  |  | Ongoing until further notice |
| MTN Two for One 24 Month Contract Promotion | MTN Two for One 24 Month Contract promotion is available to subscribers who sign up for a 24month contract on selected price plan device deals. | Filed :7 September 2017 <br> Effective/ <br> Launch Date: 16 <br> September 2017 | Additional information is available at the licensee's website by following the link below: <br> https://www.mtn.co.za/SiteCollectionDocuments/YelloTrader/O ctober Yello Trader OEM2.pdf |  |  |  |  |  | Ongoing until further notice. |
| Vodacom New <br> Promotion: LTE <br> Advance Data Bundles | Vodacom's new Promotion is a 24 months LTE-Advanced Data Price Plans, which include a Huawei B618 | Filed:13 September $2017$ | Table 27: <br> Payment <br> Type | Des | Month tion | $\overline{s \angle T E A d}$ <br> Peak | ances Data <br> Off <br> Peak <br> R 1.60 | Price Plans <br> Unitizatio <br> n | Ongoing until 31 January 2018 |


|  | router and 2 additional months of free Netflix. | Effective/ <br> Launch Date: <br> 23 September 2017 |  | Other |  | R 1.99 | R 1.99 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Top Up | Vodacom |  | R1.99 | R1.08 | Per <br> Second |  |
|  |  |  |  | Other |  | R 2.65 |  |  |  |
|  |  |  | Additional information is available at the licensee's website by following the link below: <br> http://www.vodacom.co.za/vodacom/terms/promotions/Iteadvanced |  |  |  |  |  |  |
| MTN Price Reduction on Select Sky Package Options | MTN is amending the Tariff Plan by decreasing the subscription fee for the Sky Lite and Sky Supreme Packages. <br> Customers benefit from the plans through effectively lower prices due to the reduction in the tariff plans. | Filed:19 September 2017 <br> Effective/ <br> Launch Date:1 <br> October 2017 | Table 28: New <br> Supreme <br> Additional infor by following th https://shop.m Sky | w Subscription <br> ormation is the link below mtn.co.za/cr | n Fe <br> n $\qquad$ $\qquad$ <br> vaila <br> : <br> /sp | ees for M <br> able at th <br> ecialOffe | N Sky and <br> iption <br> 9 <br> licensee's <br> .jsp?contain | MTN SKy <br> website <br> nerID $=$ MTN + | Ongoing as at 31 December 2017 |
| MTN New Post-Paid Price | MTN's Made For Me Post-Paid Price | Filed:19 September | Table 29: MTN | N Made For | S | mall to | arge Plans |  | Ongoing as at |
| Plans: MTN Made For Me | Plans are available to all new and existing MTN subscribers. The plans offer customers with voice and data booster add-on minutes ranging between 50 mins to 600 mins | $2017$ <br> Effective/ <br> Launch Date:1 <br> October | Price <br> Plan <br> Monthly <br> Subscripti <br> on | MTN Made <br> For Me <br> Small <br> R 99 | MT For Med R 24 | N Made Me dium $249$ | MTN Made For Me Large R 399 | MTN Made <br> For Me X- <br> Large <br> R 699 | December 2017 |



| Weekly, Monthly, 24hour Tariff Plan | as Daily, Weekly and Monthly voice bundles. The voice bundles are only valid for on-net voice calls. | Effective/ <br> Launch Date:5 <br> October 2017 | PAYG <br> Voice <br> Bundle Bundle <br> Price <br> (Incl. <br> VAT) <br> Daily <br> Bundles <br> R3 R 3 <br> Daily <br> Bundles <br> R7 R 7 <br> Daily <br> Bundles <br> R10 R 10 <br> Additional informat by following the lin https://www.mtn.co | Incl <br> On- <br> Min <br> 20 <br> 35 <br> on is ava <br> below: <br> .za/Pag |  | Valid <br> 24 <br> Hours <br> 24 <br> Hours <br> 24 <br> Hours <br> the lice <br> Bundles | Off-Net Voice <br> Base Price Plan Rates Apply. <br> Base Price Plan Rates Apply <br> Base Price Plan <br> Rates Apply <br> ee's website <br> spx |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Vodacom Just 4 You Town | Vodacom Just 4 You Town comprise of the available Just 4 You catalogue of bundles, but will be offered at discounts ranging from $0 \%$ to $100 \%$ of the current Just 4 You tariffs, depending on a customer's location. | Filed: 29 September 2017 <br> Effective/ <br> Launch Date:15 June 2017 | Table 32: Just 4 You <br> Just 4 You <br> offer <br> 20 minutes to <br> call any net <br> today <br> 250MB for 30 <br> days at R85 <br> 3GB for 30 days <br> Just for You for <br> 30 days | Prepaid <br> Type <br> Vice <br> Voice <br> Data <br> Data <br> Data | 250 | Plans <br> ation <br> nytime <br> es <br> B |   <br> Price  <br> R 12  <br> R 249  <br> R 16  | Ongoing as at 31 December 2017 |




|  | Data (VBD) and applicable terms and conditions have remained unchanged. | Launch Date :3 <br> November 2017 | VBD 5GB | R 319 | R 279 | -12.5\% |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | VBD 10GB | $\text { R } 559$ | R 52 | -5.7\% |  |
|  |  |  |  | Device | clusive |  |  |
|  |  |  | Auto-activating <br> 500MB bundle | $\text { R } 39$ | R 49 | 25.6\% |  |
|  |  |  | Table 37: Sim On Months Tariff pac | Amendment <br> ges and Pric | odacom <br> changes | $\text { ess Data } 24$ |  |
|  |  |  | SIM Only | Current <br> Price | New Price | \% Variance |  |
|  |  |  | VBD 3GB | R 209 | R 169 | -19.14\% |  |
|  |  |  | VBD 5GB | R 289 | R 259 | -10.4\% |  |
|  |  |  | VBD 10GB | R 529 | R 499 | -5.7\% |  |
|  |  |  |  | Device | clusive |  |  |
|  |  |  | Auto-activating 500MB bundle | R 39 | R 49 | 25.6\% |  |
|  |  |  | Additional inform by following the https://www.vod -and-voice/busin | n is availab below: <br> mbusiness. <br> -data | at the I <br> za/busi | e's website <br> solutions/mobile |  |
| Vodacom Enhancement of Airtime Advance Service | Vodacom's Enhancement of the Airtime Advance tariff plan was to include data advance. It should be noted that the data allocations standard data allocations valid until $23 h 59$ of the day of allocation. Vodacom charges a service fee of | Filed: 25 October 2017 <br> Effective/ <br> Launch Date:02 <br> November 2017 | The Data advan the following da <br> - 20MB - <br> - 60MB - <br> - 100MB | service w <br> size and <br> 5.00 <br> 9.00 <br> 13.00 | be mad ce: | ailable as per | Ongoing as at 31 December 2017 |


|  | R1.00, which is collected upon recharging. |  | Additional information is available at the licensee's website by following the link below: <br> http://www.vodacom.co.za/vodacom/terms/airtime-advance-terms-and-conditions |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Vodacom Smart Red Plan | Vodacom Smart Red Plan amendment, the default offer on Smart/Smart+ and RED/RED+ price plans, have a carry-over of 1 calendar month post the allocation month. | Filed:26 October 2017 <br> Effective/ <br> Launch Date: 3 <br> November 2017 | Vodacom amendment Smart Red Plans to revise the Smart Red tariff plans as follows: <br> - The carryover period of unused allocated bundles. <br> - Smarttop-up XS+ subscription was R209 is now R179. <br> - Smart XS+ subscription was R199, NOW R169. <br> - Data allocation was 200MB, is now 350MB. <br> Additional information is available at the licensee's website by following the link below: <br> http://www.vodacom.co.za/vodacom/shopping/plans/red-plans |  |  | Ongoing as at 31 December 2017 |
| Vodacom Narrowband IoT Lite Tariffs Plan | Vodacom's Narrowband IoT Lite Tariff have no voice functionality applicable to them. International roaming will be allowed on the Narrowband IoT Lite tariff subject to the applicable terms and conditions. | Filed :31 October 2017 <br> Effective/ <br> Launch Date:10 <br> November 2017 | Table 38: Vodacom Narrow band IoT Lite Tariff Plan |  |  | Ongoing as at 3 |
|  |  |  | Tariff Plan | Unit | Price | 㖪 2017 |
|  |  |  | Connection Fee | R/connection | R 0 |  |
|  |  |  | Monthly subscription | R/month | R 5 |  |
|  |  |  | Out of Bundle Rate | R/MB | R 0.89 |  |
|  |  |  | SMS - Peak | R/message | R 0.22 |  |
|  |  |  | SMS - Off-Peak | R/message | R 0.22 |  |
|  |  |  | SMS Premium <br> Rated | R/message | R 0.50c-R 30 |  |
|  |  |  | SMS International (Vodacom-toVodacom) | R/message | R 1 |  |


|  |  |  | SMS - <br> International <br> Additional information by following the link be https://www.vodacom t-of-things/narrowband | $R /$ message <br> is available at elow: <br> business.co.za/b <br> d-iot | R 1.74 <br> licensee's website <br> usiness/solutions/interne |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Vodacom All Day Price Plan Promotion | The new Vodacom voice All Day price plan promotion was available for prepaid customers. The promotion enabled customers to make voice call, send SMS, and use data to chart on social media and browse Internet. | Filed: 02 November 2017 <br> Effective/ <br> Launch Date:10 <br> November 2017 | Table 39: All day Prom <br> Additional information by following the link be http://www.vodacom.co m-all-day | motional plan <br> is available at th elow: <br> co.za/vodacom/ | All <br> Day Promotion <br> licensee's website <br> rms/promotions/vodaco | Ongoing until 11 <br> February 2018 |
| MTN New Prepaid MyWow Voice Bundles | MTN new prepaid MyWow voice bundles are tailor made to suit specific needs based on their usage patterns of the customers. | Filed: 7 November 2017 <br> Effective/ <br> Launch Date:17 <br> November 2017 |  | MyWow Voice |   <br> Inclusive On-net <br> Minutes  <br> 4 Minutes  <br> 6 Minutes  <br> 6 Minutes  | Ongoing as at 31 December 2017 |







| Vodacom SP incentive data bundle | Vodacom's Service Provider (SP) incentive data bundles are available at no extra charge on selected new or upgrade post-paid and Top-Up price plans. | Filed: 1 December $2017$ | Additional information is available at the licensee's website by following the link below: <br> http://www.vodacom.co.za/vodacom/terms/promotions/sp-incentive-data-bundles |  |  |  |  |  |  | Ongoing as at 31 December 2017. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Vodacom Data Repricing | Vodacom has adjusted its Mobile Internet Once-Off data bundles, on their Post-paid, prepaid and Top-Up packages. | Filed:1 December$2017$ | Table 46: Sample of Revised Vodacom Data Prices |  |  |  |  |  |  | Ongoing as at 31 December 2017 |
|  |  |  | Type | $\begin{gathered} \hline \text { Bundl } \\ \mathrm{e} \end{gathered}$ | Size | $\begin{aligned} & \text { Vali } \\ & \text { dity } \end{aligned}$ | Old <br> Price | $\begin{aligned} & \text { New } \\ & \text { Price } \end{aligned}$ | Variance |  |
|  |  |  | Prepaid |  | $100 \mathrm{M}$ |  | R 13 | R 14 | 7.7\% |  |
|  |  |  | Hybrid | Off | $\begin{aligned} & \hline 250 \mathrm{M} \\ & \mathrm{~B} \end{aligned}$ | y | R 25 | R 27 | 8.0\% |  |
|  |  |  | Prepaid <br> ,hybrid <br> + Post- <br> paid | Once <br>  <br> Recur <br> ring | $250 \mathrm{M}$ <br> B | Mon <br> thly |  | R 63 | 6.8\% |  |
|  |  |  | Addition by follow http://w data http://w data | inform <br> g the <br> v.voda <br> v.voda | on is a below m.co.z <br> m.co.za | ilable <br> vodac <br> vodac | the <br> m/sho <br> m/sho | see's <br> g/dat <br> g/dat | bsite <br> Hybrid- <br> prepaid- |  |


| Vodacom Business Flat Rate Top-up Tariff Plans. | Vodacom Business Flat Rate Top-up Tariff plans are integrated mobile voice price plans. They are available only to business customers and on a 24 months contract. The monthly subscription fee includes an allocated bundle of voice minutes, data or SMS. | Filed: 01 December 2017 <br> Effective/ <br> Launch Date: 14 <br> December 2017 | Table 47: Vodacom Business Rate Top-up Plan |  |  | Ongoing as at 31 December 2017 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Price Plan | Unit | Tariff |  |
|  |  |  | Monthly Subscription | R/mont <br> h | R 197 |  |
|  |  |  | Out of Bundle Data | R/MB | R 1 |  |
|  |  |  | Out of Bundle Voice | $\mathrm{R} /$ min | R 1.25 |  |
|  |  |  | Vodacom to Vodacom Calls | $\mathrm{R} /$ min | R 1.25 |  |
|  |  |  | Vodacom to Other | $\mathrm{R} /$ min | R 1.25 |  |
|  |  |  | Additional information is avai by following the link below: https://www.vodacombusines -and-voice/business | licensee <br> siness/so | ebsite <br> ns/mobile |  |


[^0]:    ${ }^{1}$ Other tariff notifications filed or received during the period under review not discussed/mentioned in the main part of this report.

[^1]:    Source: ICASA database based on tariff notifications

[^2]:    ${ }^{2}$ This is sample of the price adjustments made, additional pricing and product information is available at the licensee's website at the following link: http://www.vodacom.co.za/vodacom/terms/promotions/just-for-you

[^3]:    ${ }^{3}$ As at $31^{\text {st }}$ December 2017 i.e. last day of the period under review a tariff notification indicating that the tariff is to be terminated had not been filed with the Authority and no end date was indicated when the tariff plan was initially filed hence it was ongoing, until further notice.

[^4]:    ${ }^{4}$ As at $31^{\text {st }}$ December 2017 i.e. last day of the period under review a tariff notification indicating that the tariff is to be terminated had not been filed with the Authority, and no end date was indicated when the tariff plan was filed hence it was ongoing, until further notice.

[^5]:    ${ }^{5}$ As per the amendment filed with the Authority on the $02^{\text {nd }}$ of November 2017. This amendment was to reduce the number of local any-net minutes, for instance for Bundle 3, the minutes were reduced from 450 to 60 minutes.

[^6]:    ${ }^{6}$ This is sample of the price adjustments made, additional pricing and product information is available at the licensee's website at the following link: http://www.vodacom.co.za/vodacom/terms/promotions/just-for-you

[^7]:    Source: ICASA database based on tariff notifications

[^8]:    Source: ICASA database based on tariff notifications

[^9]:    ${ }^{7}$ This methodology was used to make insightful comparisons between the same bundles of goods and services, the local prices of each country have to be reported under a common base currency. MER also makes cognitive provision for the differing cost models the benchmarked countries have used in their mobile data cost determination.

[^10]:    ${ }^{8}$ Not all data points are shown in the graphs. Data points shown are for those which are mentioned in the comparative analysis
    ${ }^{9}$ At the time of producing this report, Botswana had only one operator (Orange Botswana) that offered 550MB data bundle at P299 and an equalisation calculation method was used to get the best estimate of the package.

[^11]:    ${ }^{10}$ Other tariff notifications filed or received during the period under review that were in existence as at end of 31 December 2017 which were not discussed/mentioned in the main part of this report

