



# GOVERNMENT GAZETTE

## OF THE

# REPUBLIC OF NAMIBIA

N\$8.40

WINDHOEK - 15 August 2014

No. 5534

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## General Notices

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### COMMUNICATIONS REGULATORY AUTHORITY OF NAMIBIA

No. 286

2014

#### NOTICE IN TERMS OF THE REGULATIONS REGARDING THE SUBMISSIONS OF INTERCONNECTION AGREEMENTS AND TARIFFS

The Communications Regulatory Authority of Namibia, in terms of regulation 8 of the “Regulations Regarding the Submission of Interconnection Agreements and Tariffs”, in Government Gazette No. 4714, Notice No. 126, dated 18 May 2011, herewith gives notice that **Telecom Namibia Limited** has filed a tariff with the Authority as set out in Schedule 1.

Any person may examine copies of the tariffs submitted at the head offices of the Authority during normal business hours and copies may be made on payment of a fee determined by the Authority. Copies are also available at [www.cran.na](http://www.cran.na) where copies may be downloaded free of charge.

The public may submit in writing to the Authority written comments within fourteen (14) days from the date of publication of this notice in the *Gazette*.

**Telecom Namibia Limited** may submit, in writing to the Authority, a response to any written comments within fourteen (14) days from the lapsing of the time to submit written submissions.

All written submissions must contain the name and contact details of the person making the written submissions and the name and contact details of the person for whom the written submissions is made, if different and be clear and concise.

All written submissions and reply comments must be made either physically or electronically –

- (1) by hand to the head offices of the Authority, namely Communication House, 56 Robert Mugabe Avenue, Windhoek;
- (2) by post to the head offices of the Authority, namely Private Bag 13309, Windhoek 9000;
- (3) by electronic mail to the following address: [legal@cran.na](mailto:legal@cran.na); and
- (4) by facsimile to the following facsimile number: +264 61 222790.
- (5) by fax to e-mail to: 0886550852

**L.N. JACOBS**  
**CHAIR PERSON OF THE BOARD**  
**COMMUNICATIONS REGULATORY AUTHORITY**

#### SCHEDULE 1

#### SUBMISSION OF HIGH SPEED BROADBAND ASSYMETRIC PERMANENT PACKAGES BY TELECOM NAMIBIA LIMITED COMMUNICATIONS ACT, 2009

#### High Speed Broadband Packages

With the new High Speed Broadband packages the following principles are applied:

- (a) Same price for home and business customers
- (b) Operators will be offered 15% discount on retail pricing in line with regulatory requirements.
- (c) All packages will be offered unlimited/uncapped.

### 1. High Speed Broadband Asymmetric:

Package	5M	10M	15M	25M	50M	75M	100M	120M	150M	200M
Downlink Speed	5M	10M	15M	25M	50M	75M	100M	120M	150M	200M
Uplink Speed	2M	5M	7M	10M	15M	25M	35M	40M	50M	70M
Monthly Charge (N\$) (12-month)	1,285	1,978	2,629	3,879	6,899	10,149	13,389	15,849	19,659	26,249
Monthly Charge (N\$) 24-month)	1,157	1,780	2,366	3,491	6,209	9,134	12,050	14,264	17,693	23,624
Monthly Charge (N\$) (36-month)	1,092	1,681	2,235	3,297	5,864	8,627	11,381	13,472	16,710	22,312

*Note: Installation charges of N\$ 222 within minimum rental area and N\$ 333 outside minimum rental area will be applied.*

### 2. High Speed Broadband Symmetric

Package	1M	2M	5M	10M	15M	25M	50M	75M	100M	150M	200M
Downlink	1M	2M	5M	10M	15M	25M	50M	75M	100M	150M	200M
Uplink Speed	1M	2M	5M	10M	15M	25M	50M	75M	100M	150M	200M
Monthly Charge (N\$) (12-month)	999	1,175	1,709	2,595	3,479	5,255	9,689	14,245	18,149	27,019	36,415
Monthly Charge (N\$) (24-month)	899	1,058	1,538	2,336	3,131	4,730	8,720	12,821	16,334	24,317	32,774
Monthly Charge (N\$) (36-month)	849	999	1,453	2,206	2,957	4,467	8,236	12,108	15,427	22,966	30,953

*Note: Installation charges of N\$ 222 within minimum rental area and N\$ 333 outside minimum rental area will be applied.*

#### **Notes on costs of 2 Meg uplink/downlink:**

**Asymmetric:** With the Asymmetric service, the data speed or amount of transmitted data differs in one direction compared with the other direction. The system uses most of the channel to transmit downstream to the user and only a small part to receive information from the user. Meaning, down link and uplink speeds are for instance on a 1:2 or 1:3 ratios (Example 1024k downlink and 512k Uplink depending on how it is technically defined and provisioned)

**Symmetric:** With the symmetric service, the data speed or amount of transmitted data is the same in both directions. The system uses the channel to transmit downstream to the user at the same rate or amount of transmitted data as to receiving information from the user. Uplink and downlink speeds are on a ratio of 1:1 (Example 1024k downlink and 1024k uplink).

**General:**

In the event of incorrect billing, customers are entitled to register dispute over the affected portion of the account by reporting through the Customer Care Centre's toll free number 1100 or the nearest Teleshop.

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**COMMUNICATIONS REGULATORY AUTHORITY OF NAMIBIA**

No. 287

2014

**NOTICE IN TERMS OF THE REGULATIONS REGARDING LICENSING PROCEDURES  
FOR TELECOMMUNICATIONS AND BROADCASTING SERVICE LICENCES AND  
SPECTRUM USE LICENCES**

The Communications Regulatory Authority of Namibia, in terms of section 85 and 101 of the Communications Act, 2009 (Act No. 8 of 2009) read with regulation 5, 6 and 11 of the "Regulations Regarding Licensing Procedures for Telecommunications and Broadcasting Service Licences and Spectrum Use Licences", in Government Gazette No. 4785, Notice No. 272, dated 29 August 2011, herewith gives notice that the person referred to in the table below has been awarded a Broadcasting service license as well as a spectrum use license, effective from date of publication of this notice in the *Gazette*:

**Broadcasting Service Licence Application:**

<b>Licensee's Name;</b>	<b>Licensee's citizenship or place of incorporation;</b>	<b>Percentage of Stock owned by Namibian Citizens or Namibian Companies controlled by Namibian Citizens;</b>	<b>Category of Broadcasting Service Licence as contemplated in the Regulations Setting out Broadcasting and Telecommunications Service Licence categories;</b>	<b>Provision of Signal Distribution;</b>	<b>Whether Licensee intends to use spectrum in the provision of broadcasting services intended to be provided;</b>	<b>Proof of Application fees paid up to date submitted?</b>
Khorixas Youth and Community Media Centre	Namibia	100 %	Community Broadcasting Service License	Own	Yes	Yes

**Spectrum Use Licence Application;**

<b>Licensee's Name;</b>	<b>Licensee's citizenship or place of incorporation;</b>	<b>Percentage of Stock owned by Namibian Citizens or Namibian Companies controlled by Namibian Citizens;</b>	<b>List of radio frequencies or groups of radio frequencies applied for;</b>	<b>List of radio frequencies or groups of radio frequencies awarded by the Authority;</b>	<b>Description of geographic coverage area(s);</b>			<b>Services intended to be provided using the spectrum being applied for;</b>	<b>Party providing Signal Distribution;</b>	<b>Proof of Application Fees paid up to date submitted?</b>
					<b>Region;</b>	<b>District;</b>	<b>City/Town;</b>			
Khorixas Youth and Community Media Centre	Namibia	100 %	88– 108 MHz	105.8 MHz	Kunene	Khorixas	Khorixas	Community Service Broadcasting	Own	Yes

**REASONS FOR THE DECISION ARE AS FOLLOWS:**

Khorixas Youth and Community Media Centre submitted applications for a community broadcasting service license and spectrum use license on 12 June 2013 for consideration by the Authority, in accordance with sections 85 and 101 of the Communications Act, 2009 (Act No. 8 of 2009) and the Regulations Regarding Licensing Procedures for Telecommunications and Broadcasting service Licenses and Spectrum Use Licenses as published in Government Gazette No. 4785, General Notice No. 272 of 29 August 2011.

As per the constitution submitted, Khorixas Youth and Community Media Centre is a community project, founded in 2012 to provide community broadcasting services in Khorixas and surrounding areas and intends to broadcast under the K-FM brand name. An application for funding and training of local Namibians was submitted to the United Nations Educational Scientific and Cultural Organisation (UNESCO) Windhoek office.

In terms of Section 101 (6) of the Communications Act, 2009 (Act No. 8 of 2009) a community broadcasting service license application must be accompanied by spectrum use license application if the applicant intends to use spectrum in the provision of the intended broadcasting service. Khorixas Youth and Community Media Centre submitted an application for spectrum use for FM broadcasting frequency between 87 MHz and 108 MHz dated 13 June 2013 in the geographical area of Khorixas and a transmitter output power of 600 Watt. Khorixas Youth and Community Media Centre intends to construct their own broadcasting transmitter tower and provide their own signal distribution service as required by regulation 5 (2) of the Regulations Regarding Licensing Procedure for Telecommunications and Broadcasting Service Licenses and Spectrum Use Licenses.

Khorixas Youth and Community Media Centre submitted a program schedule, constitution and certified copies of identity documents as required on the applications forms for service and spectrum use on 23 August 2013. The program schedule stipulates that FM radio services will be broadcasted from 06h00 to 22h00 from Monday to Sunday. The spectrum use application form stated that the broadcasting transmitted tower will be located at House No. D1, Khorixas.

An applicant for a community service licence is required to submit financial resources available as required by Regulation 5 (2)(k) of the Regulations Regarding Licensing Procedure for Telecommunications and Broadcasting Service Licenses and Spectrum Use Licenses –

*“include a statement of accounts setting out the financial resources available to the applicant in relation to the broadcasting service applied for;”*

Khorixas Youth and Community Media Centre submitted the authorization letter to construct a broadcasting transmitter tower by Khorixas Town Council on 24 April 2014. UNESCO confirmed funding of the project as well as a detailed outline of implementation and training of staff and volunteers from the community directly to the Authority on 19 May 2014.

Following due process in terms of regulation 11 of the the Regulations Regarding Licensing Procedures for Telecommunications and Broadcasting Service Licenses and Spectrum use Licenses, the Authority published a notice in the Government Gazette 5374, Notice No. 520, dated 24 December 2013, allowing fourteen (14) days for public comments from the date of publication of the Notice in the *Gazette*. The comments period closed on the 6th of January 2014 and no comments were received and subsequently no reply comments were requested from Khorixas Youth and Community Media Centre. The last day for a decision is the 18th of July 2014.

The Kunene region is home to an estimated population of 68,735 as reflected in the Namibia 2011 Population and Housing Census Main Report (Namibian Statistics Agency, 2013). Khorixas is surrounded by approximately 50 villages and has limited access to information and broadcasting services.

FM broadcasting services is limited to NBC services transmitting from Renosterkop in Afrikaans, Damara/Nama and Herero as well as NBC National Radio. The Authority notes that no community broadcaster is offering FM radio services to this area to date.

Khorixas Youth and Community Media Centre envisages the training of 10 people with the assistance of UNESCO to manage a community broadcasting station, programme production and technical expertise. Programs will contain local content, national news, Khorixas police reports and sport updates and will be transmitted in local languages.

In the opinion of the Authority the funding provided by UNESCO is sufficient to maintain a community radio broadcaster. Furthermore UNESCO will provide training to equip Namibians to manage and operate all broadcasting service. The establishment of this project will assist in the upliftment of the community of Khorixas and provide access to information as well as entertainment.

The application submitted complies with all technical requirements contained in Section G of the spectrum use license application form in that equipment specification, coverage plots, antennae heights and site coordinates have been submitted to the Authority. The Khorixas Town council has also granted approval for the construction of a broadcasting transmitter tower. Due to the lack of broadcasting services in this area there is no shortage of available spectrum. Khorixas Youth and Community Media Centre is 100% Namibian owned and thus fully compliant with section 85(2) of the Communications Act, 2009.

The Authority notes that the applicant requested a power output of 600W. As the broadcasting transmitter tower will be located within Khorixas itself, the Authority recommends a power output of 250W. This recommended power output will be sufficient to provide broadcasting services to Khorixas and surrounding areas. The Authority has also considered that the applicant is a community broadcaster and implementation of a lower output whilst still providing the envisaged broadcasting coverage area will put less strain on the financial resources of the applicant as lower spectrum fees will be levied.

In light of the above, the Authority approved the issuance of a Community Broadcasting Service License to Khorixas Youth and Community Media Centre as well as a spectrum use license for 105.8 MHz with a power output of 250W in the geographical are of Khorixas, in terms of section 85 (1) and 101 of the Communications Act.

The service license is awarded subject to the Communications Act, 2009 (Act No. 8 of 2009) and the Regulations regarding License conditions for Broadcasting Service Licenses as published in Government Gazette No. 5037, Notice No. 309 dated 13 September.

And the Spectrum uses licenses is awarded subject to the Communications Act, 2009 (Act No. 8 of 2009) and the Regulations regarding License Conditions for Spectrum Use Licensee as published in Government Gazette No. 5354, Notice No. 469, dated 2 December 2013.

**L.N. JACOBS**  
**CHAIR PERSON OF THE BOARD**  
**COMMUNICATIONS REGULATORY AUTHORITY**

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**COMMUNICATIONS REGULATORY AUTHORITY OF NAMIBIA**

No. 288

2014

**NOTICE IN TERMS OF THE REGULATIONS REGARDING THE SUBMISSIONS OF  
INTERCONNECTION AGREEMENTS AND TARIFFS**

The Communications Regulatory Authority of Namibia, in terms of regulation 8 of the “Regulations Regarding the Submission of Interconnection Agreements and Tariffs”, in Government Gazette No. 4714, Notice No. 126, dated 18 May 2011, and section 53 of the Communications Act, 2009 (Act No. 8 of 2009), herewith gives notice of the following tariffs for MWireless (Pty) Ltd t/a Africa Online, which will be in force, effective from date of publication of this notice in the *Gazette*:

**SUBMISSION OF NEW NAWASAT PRODUCTS (VSAT) AND TARIFFS BY MWIRELESS  
(PTY) LTD t/a AFRICA ONLINE**

<b>Package Name</b>	<b>Download (Kbps)</b>	<b>Upload (Kbps)</b>	<b>Cap</b>	<b>Selling Price per month</b>
Nawasat Business	1024	256	13Gb	N\$ 2,499.00
Nawasat Business	2048	512	19Gb	N\$ 3,099.00
Nawasat Business	4096	512	25Gb	N\$ 4,099.00
Nawasat Business Enhanced	6144	512	60Gb	N\$ 8,999.00
Nawasat Business Enhanced	8192	512	71Gb	N\$ 10,599.00
Nawasat Business Enhanced	6144	1024	60Gb	N\$ 9,499.00
Nawasat Business Enhanced	8192	1024	71Gb	N\$ 10,999.00

**VSAT hardware kit**

	<b><u>Selling (N\$)</u></b>
Nawasat Business	11,000.00
Nawasat Business Enhanced 512	12,200.00
Nawasat Business Enhanced 1024	23,000.00
LNB conversion kit	3,200.00

**REASONS FOR APPROVAL OF TARIFFS**

MWireless (Pty) Ltd t/a Africa Online (hereinafter referred to as “Africa Online”), filed for the approval of tariffs for new NAWASAT (VSAT) Products on 12 May 2014 in terms of section 53 (1) and (7) of the Communications Act, 2009 (Act No. 8 of 2009) (hereinafter referred to as “the Act”). The submission was made to obtain approval in terms of section 53(1) and (7).

The proposed tariffs were published as General Notice No. 128 in the Government Gazette No. 5479 dated 10 June 2014 for public comments in terms of section 53 (10) of the Act and regulation 8 of the “Regulations Regarding the Submission of Interconnection Agreements and Tariffs” published in Government Gazette No. 4714 of 18 May 2011.

Comments were invited from the public, in terms of the Notice published in the *Gazette*, within a period of fourteen (14) days from the date of publication, which period lapsed on 24th June 2014. No public comments were received in respect of the tariffs, and as such, no reply comments were required from Africa Online.

Africa Online submitted the new tariffs in terms of section 53(1) and (7) of the Act, which stipulates that all rates and charges received in respect of any telecommunications services must be in accordance with a tariff filed and permitted to come into operation in accordance with the provisions of section 53 and it should be filed in the prescribed manner with the Authority for approval.

The tariff packages submitted are new packages to supplement the current NAWASAT packages approved by the Authority on 8 August 2013 and published in Government Gazette No. 5460 dated 8

May 2014. The tariffs are an extension of the current NAWASAT products and is developed to benefit homes, schools and businesses that do not have easy access to Internet in very remote areas where there is limited infrastructure.

The previous NAWASAT products, as approved by the Authority, were only up to a download speed of 6144k and capped at 10GB. Some higher upload speeds were also added. The current products are more designed for larger users such as businesses and download speeds are up to 8192k and capped at 71GB.

All requirements in terms of section 53 of the Act that deals with the approval of tariffs have been adhered to as follows:

1. The tariffs were published as stipulated in section 53(10) for comment and Africa Online stated that the tariff would come into force on 13 July 2014 as required by section 53(8) of the Act that stipulates that the Licensee has to indicate the date that the tariffs will come into force.
2. All pertinent information as required by section 53(9) was submitted to the Authority such as the terms and conditions, which include rights and remedies available to the consumer in the event of disputes. .
3. The tariffs contained the cost information as required by section 53(18) of the Act.

The tariffs submitted would give customers more choice since more products at more speeds and different tariffs were added which are designed for customers in rural areas. Therefore, the tariffs are reasonable, are not deemed discriminatory or impairing competition.

In light of the above, and in terms of section 53 of the Act, the Board approved the NAWASAT (VSAT) tariffs as submitted by Africa Online.

**L.N. JACOBS**  
**CHAIR PERSON OF THE BOARD**  
**COMMUNICATIONS REGULATORY AUTHORITY**

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**COMMUNICATIONS REGULATORY AUTHORITY OF NAMIBIA**

No. 289

2014

**NOTICE IN TERMS OF THE REGULATIONS REGARDING THE SUBMISSIONS OF  
 INTERCONNECTION AGREEMENTS AND TARIFFS**

The Communications Regulatory Authority of Namibia, in terms of regulation 8 of the “Regulations Regarding the Submission of Interconnection Agreements and Tariffs”, in Government Gazette No. 4714, Notice No. 126, dated 18 May 2011, and section 53 of the Communications Act, 2009 (Act No. 8 of 2009), herewith gives notice of the following tariffs for Telecom Namibia Limited, which will be in force, effective from date of publication of this notice in the *Gazette*:

**MAXIPLUS AND MAXI PACKAGES AND TARIFFS BY  
 TELECOM NAMIBIA LIMITED**

**1. TN 1 MaxiPlus Tariffs**

<b>Convergence Level</b>	<b>Description</b>
Invoice	One Invoice (Voice and Data)
Accounts	One Account for Fixed and Mobile Services
	4 Wallets (SMS, Fixed/Wireless Voice, Mobile Voice, Data)



Billing	Unlimited Free Calls in Closed User Group (1 Fixed+1 Mobile Numbers)
	Included 500Min, 5GB mobile data, 100 SMS and 2048k unlimited Fixed Broad-band
Payment	POS (TN teleshops & Nampost)
Balance Enquiry	Balance Enquiry via SMS, Email, IVR,
VAS	1x Email Addresses, 1xFAX-to-Email 1xEmail to fax (on customer request)
	Follow Me (After 5 Rings on Fixed Forward to Mobile) (Free)

**Subscription Charges**

NRC: N\$ 299 – Standard

MRC: N\$1,799- Standard

**Usage Charges**

Voice: 65c/Min

Data: 65c/MB

SMS: 35c/sms

CUG calls: FREE

**2. TN1 Maxi Tariffs**

Convergence Level	Description
Invoice	One Invoice (Fixed and Mobile Data)
Accounts	One Account for Fixed and Mobile Data Services
	2 Wallets (Fixed Data, Mobile Data)
Billing	Included 2GB Data and 1024k unlimited Fixed Broadband
	24 Months Contracts
Devices	Included – 1 x 3G Dongle, 1x 1024k Fixed Broadband
Payment/Recharge	POS (TN teleshops, Retail Shops, NamPost)
Balance Enquiry	Balance Enquiry via SMS, Email, IVR
VAS	1x Email Addresses, 1x FAX-to-Email Addresses, 1xEmail to fax (on customer request)

**Subscription Charges**

NRC: N\$ 299 – Standard

MRC: N\$ 749 – Standard

\* NRC (Non Recurring Charges)

\* MRC (Monthly Recurring Charges)

**Usage Charges**

Data 65c/MB

**REASONS FOR APPROVAL OF TARIFFS**

Telecom Namibia Limited (hereinafter referred to as “Telecom Namibia”), filed for the approval of tariffs for MaxiPlus and Maxi Packages on 15 May 2014 in terms of section 53 (1) and (7) of the Communications Act, 2009 (Act No. 8 of 2009) (hereinafter referred to as “the Act”). The submission was made to implement the new pricing as promotional pricing in terms of section 53(2) of the Act and obtain approval in terms of section 53(1) and (7).

The proposed tariffs were published as General Notice No. 128 in the Government Gazette No. 5479 dated 10 June 2014 for public comments in terms of section 53 (10) of the Act and regulation 8 of the “Regulations Regarding the Submission of Interconnection Agreements and Tariffs” published in Government Gazette No. 4714 of 18 May 2011. The date of the request was 15 May 2014 and the promotion started on 16 May 2014. The promotion will thus end on 15 August 2014.

Comments were invited from the public, in terms of the Notice published in the Government Gazette, within a period of fourteen (14) days from the date of, which period lapsed on 24 June 2014. No public comments were received in respect of the tariffs, and as such no reply comments were required from Telecom Namibia.

Telecom Namibia submitted the new tariffs in terms of section 53(1) and (7) of the Act, which stipulates that all rates and charges received in respect of any telecommunications services must be in

accordance with a tariff filed and permitted to come into operation in accordance with the provisions of section 53 and it should be filed in the prescribed manner with the Authority for approval.

This is a new product that Telecom Namibia is launching which is a combination of fixed and mobile services. TN1 MaxiPlus Package is a combination of fixed and mobile voice and fixed and mobile data. The TN Maxi Package is a combination of fixed and mobile data.

The charges are as follows when compared with current charges:

**Table 3: Comparison of Charges**

CHARGES	TN MAXI PACKAGES	CURRENT TN MOBILE CHARGES	CURRENT TN CALLMAKER CHARGES	MTC SMART-SHARE CHARGES
Voice	N\$ 0,65/min	N\$ 0.90/min	N\$ 0.65/min	N\$ 0.99/min
SMS	N\$ 0.35/SMS	N\$ 0.35/SMS	-	N\$ 0.19/SMS
Data	N\$ 0.65/MB	N\$ 0.80/MB	-	N\$ 0.99/MB

The tariff packages submitted are new packages with new tariffs as mentioned hereinabove. These tariffs are competitive with the SmartShare packages approved for Mobile Telecommunications Limited (MTC) as published in Government Gazette No. 5231 dated 24 June 2013 which is a combination of mobile data and voice on different devices. A comparison of the current charges in the market was done since it is very difficult to compare the packages. There are too many differences between the package proposed by Telecom Namibia and the SmartShare package of MTC e.g. the MTC package deals only with mobile devices whereas the Telecom Namibia package combines mobile and fixed line devices.

From the out-of-bundle charges that Telecom Namibia is proposing the voice tariff is comparing to the fixed voice tariff approved on the CallMaker Packages. The SMS rate is as approved for the TN Mobile Packages and the data rate is lower than the currently approved TN Mobile data rate.

All requirements in terms of section 53 of the Act that deals with the approval of tariffs have been adhered to as follows:

1. The tariffs were published as stipulated in section 53(10) for comment and Telecom Namibia stated that the tariff would come into force once the Authority approved the tariff as required by section 53(8) of the Act that the Licensee has to indicate the date that the tariffs will come into force.
2. All pertinent information as required by section 53(9) was submitted to the Authority such as the terms and conditions, which includes rights and remedies available to customers in the event of disputes. .
3. The tariffs contained the costing information as required by section 53(18) of the Act.

The tariffs will benefit customers since it is a reduction from previously approved tariffs. It further gives the customer more choice. As such the tariffs are reasonable, are not deemed discriminatory or impairing competition.

In light of the above, and in terms of section 53 of the Act, the Board approved the Telecom Namibia TN Maxi Tariff Packages as submitted.

**L.N. JACOBS**  
**CHAIR PERSON OF THE BOARD**  
**COMMUNICATIONS REGULATORY AUTHORITY**

## COMMUNICATIONS REGULATORY AUTHORITY OF NAMIBIA

No. 290

2014

### NOTICE IN TERMS OF THE REGULATIONS REGARDING THE SUBMISSIONS OF INTERCONNECTION AGREEMENTS AND TARIFFS

The Communications Regulatory Authority of Namibia, in terms of regulation 8 of the “Regulations Regarding the Submission of Interconnection Agreements and Tariffs”, in Government Gazette No. 4714, Notice No. 126, dated 18 May 2011, and section 53 of the Communications Act, 2009 (Act No. 8 of 2009), herewith gives notice of the following tariffs for Telecom Namibia Limited, which will be in force, effective from date of publication of this notice in the *Gazette*:

#### Speedlink Data only (Home and Business)

Package	512k	1024k	2048k	3072k	4096k	6144k	8192k	10240k
Downlink Speed	512k	1024k	2048k	3072k	4096k	6144k	8192k	10240k
Uplink Speed	256k	512k	1024k	1536k	2048k	2048k	2048k	2048k
Monthly Charge (N\$) (12-month)-Standard	349	499	615	715	1,115	1,869	3,869	4,869
Monthly Charge (N\$) (24-month) - Standard	329	449	579	679	935	1,635	3,579	4,535
Monthly Charge (N\$) (36-month) - Standard	266	419	555	655	855	1,505	3,405	4,355

Note: Installation charges of **N\$ 222-00** within minimum rental area and **N\$ 333-00** outside minimum rental area will be applied.

#### Speedlink Professional Data only

Package	1024k	2048k	4096k	6144k	8192k	10240k
Downlink Speed	1024k	2048k	4096k	6144k	8192k	10240k
Uplink Speed	512k	1024k	2048k	2048k	2048k	2048k
Monthly Charge (N\$) (12-month) - Standard	1,649	1,745	2,159	3,175	4,739	5,465
Monthly Charge (N\$) (24-month) - Standard	1,349	1,479	1,999	3,029	4,679	5,309
Monthly Charge (N\$) (36-month) - Standard	1,269	1,399	1,905	2,705	4,425	5,205

Note: Installation charges of **N\$222-00** within minimum rental area and **N\$333-00** outside minimum rental area.

The following principles will apply to Fixed Broadband Data only (Speedlink) Packages:

1. Pricing are the same for home and business customers;
2. Operators will be offered 15% discount on retail pricing;
3. CPE is excluded and will be charged for separately (customers will have the option to rent or purchase the CPE of their choice).

#### General

In the event of incorrect billing, customers are entitled to register dispute over the affected portion of the account by reporting through the Customer Care Centre’s toll free number 1100 or the nearest Teleshop.

## REASONS FOR APPROVAL OF TARIFFS

Telecom Namibia Limited (hereinafter referred to as “Telecom Namibia”), filed for the approval of the amendment of tariffs for Speedlink Data Only Packages on 19 March 2014 in terms of section 53 (1) and (7) of the Communications Act, 2009 (Act No. 8 of 2009) (hereinafter referred to as “the Act”). The submission was made to implement the new pricing as promotional pricing in terms of section 53(2) of the Act and obtain approval in terms of section 53(1) and (7).

The proposed tariffs were published as General Notice No. 128 in the Government Gazette No. 5470 dated 27 May 2014 in terms of Regulation 8 of the “Regulations Regarding the Submission of Interconnection Agreements and Tariffs” published in Government Gazette No. 4714 of 18 May 2011. The date of the request was 19 March 2014 and the promotion started on 20 March 2014. The promotion will thus end on 20 June 2014.

Comments were invited from the public, in terms of the Notice published in the *Gazette*, within a period of fourteen (14) days from the date of publication of the Notice in the *Gazette*, which period lapsed on 11 June 2014. No public comments were received in respect of the tariffs, and as such no reply comments were required from Telecom Namibia.

When compared to the previous approved tariffs for Telecom Namibia Speedlink these tariffs show a significant reduction.

**Table 3: Comparison of Tariffs**

PREVIOUSLY APPROVED SPEEDLINK TARIFFS	Home					Business					
	384k	512k	1024k	2048k	512k	1024k	2048k	4096k	6144k	8192k	10240k
Monthly Charge (12-month) (N\$)	499	749	899	1,199	849	1,349	2,049	3,549	5,149	6,799	8,299
Monthly Charge (N\$) (24-month)	399	599	699	999	799	1,099	1,799	3,099	4,749	6,149	7,499
Monthly Charge (N\$) (36-month)	349	549	649	949	699	1,049	1,699	2,999	4,449	5,849	7,099
PROPOSED SPEEDLINK TARIFFS	384k	512k	1024k	2048k	3072k	4096k	6144k	8192k	10240k		
Monthly Charge (12-month) (N\$)	Re-moved	349	499	615	715	1,115	1,869	3,869	4,869		
Monthly Charge (N\$) (24-month)	Re-moved	329	449	579	679	935	1,635	3,579	4,535		
Monthly Charge (N\$) (36-month)	Re-moved	266	419	555	655	855	1,505	3,405	4,355		
PERCENT REDUCTION	384k	512k	1024k	2048k	3072k	4096k	6144k	8192k	10240k		
Monthly Charge (12-month) (N\$)	Re-moved	53%	44%	49%	new	69%	64%	43%	41%		
Monthly Charge (N\$) (24-month)	Re-moved	45%	36%	42%	new	70%	66%	42%	40%		
Monthly Charge (N\$) (36-month)	Re-moved	52%	35%	42%	new	71%	66%	42%	39%		

All requirements in terms of section 53 of the Act that deals with the approval of tariffs have been adhered to as follows:

1. The tariffs were published as stipulated in section 53(10) for comment and Telecom Namibia stated that the tariff would come into force once the Authority approved the tariff as required by section 53(8) of the Act that the Licensee has to indicate the date that the tariffs will come into force.

2. All pertinent information as required by section 53(9) was submitted to the Authority such as the terms and conditions, which includes rights and remedies available to customers in the event of disputes.
3. The tariffs contained the costing information as required by section 53(18) of the Act.

The tariffs proposed are significant lower than the previously approved tariffs for Speedlink with reductions between 39% and 71%. This reduction will be good for both household and business customers alike since data tariffs in Namibia are still high. At the same time this reduction will make these services more affordable and accessible to more customers.

The Speedlink Professional Tariffs only differ from the Speedlink Data only (Home and Business) in the sense that to qualify for these tariffs you require a static Internet Protocol (IP) address. This means higher speeds due to dedicated lines and will be mostly utilized by businesses.

The tariffs will benefit customers since it is a reduction from previous tariffs. The tariffs are reasonable, are not deemed discriminatory or impairing competition.

In light of the above and in terms of section 53 of the Act, the Board approved the Speedlink Data only tariffs as submitted by Telecom Namibia.

**L.N. JACOBS**  
**CHAIR PERSON OF THE BOARD**  
**COMMUNICATIONS REGULATORY AUTHORITY**

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**COMMUNICATIONS REGULATORY AUTHORITY OF NAMIBIA**

No. 291

2014

**NOTICE IN TERMS OF THE REGULATIONS REGARDING LICENSING PROCEDURES  
FOR TELECOMMUNICATIONS AND BROADCASTING SERVICE LICENCES AND  
SPECTRUM USE LICENCES**

The Communications Regulatory Authority of Namibia, in terms of Section 38 of the Communications Act, 2009 (Act No. 8 of 2009) read together with regulation 4 and 11 of the “Regulations Regarding Licensing Procedures for Telecommunications and Broadcasting Service Licences and Spectrum Use Licences”, published in Government Gazette No. 4785, Notice No. 272, dated 29 August 2011, (as amended) herewith gives notice that the applicant referred to in the table below, submitted the following applications to the Authority:

**(a) Application for Class Comprehensive Telecommunications Service Licence (ECNS and ECS)**

Applicant;	Applicant's Citizenship or place of incorporation;	Percentage of Stock owned by Namibian Citizens or Namibian citizens or Namibian Companies controlled by Namibian Citizens;	Category of Class Telecommunications service intended to be provided;	Does applicant intend to use spectrum in the provision of the telecommunication service?	Concise statement on Services intended to be provided;	Description of geographic coverage area(s);	Proof of Licence Application Fees Paid Up to Date Submitted?
Namibia Equity Telecommunications CC	Namibia	100%	Comprehensive Telecommunications Services (ECNS and ECS).	The licensee will utilize licence exempt spectrum in terms of the Regulations regarding Licence Exempt Spectrum published in Government Gazette No. 4839, Notice No. 395 dated 25 November 2011 subject to adherence to technical conditions stated therein.	Electronic Communications	Republic of Namibia or any part thereof	Yes

The public may submit comments in writing to the Authority within a period of fourteen (14) days from the date of publication of this notice in the *Gazette*. The applicant may submit written reply comments within fourteen (14) days from date of notification of the written public comments.

All written submissions must contain the name and contact details of the person making the written submissions and the name and contact details of the person for whom the written submission is made, if different, and be clear and concise.

All written submissions must be made either physically or electronically -

- (1) By hand to the head offices of the Authority, namely Communication House, 56 Robert Mugabe Avenue, Windhoek;
- (2) By post to the head offices of the Authority, namely Private Bag 13309, Windhoek 9000;
- (3) By electronic mail to the following address: legal@cran.na;
- (4) By facsimile to the following facsimile number: +264 61 222790; or
- (5) By fax to e-mail to: 0886550852.

**L.N. JACOBS**  
**CHAIR PERSON OF THE BOARD**  
**COMMUNICATIONS REGULATORY AUTHORITY**

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**COMMUNICATIONS REGULATORY AUTHORITY OF NAMIBIA**

No. 292

2014

NOTICE IN TERMS OF SECTION 53(10) OF THE COMMUNICATIONS ACT  
(NO. 8 OF 2009) AND THE REGULATIONS REGARDING THE SUBMISSION OF  
INTERCONNECTION AGREEMENTS AND TARIFFS

The Communications Regulatory Authority of Namibia, in terms of section 53(10) of the Communications Act and regulation 8 (1) of the “Regulations Regarding the Submission of Interconnection Agreements and Tariffs”, as published in Government Gazette No. 4714, Notice No. 126, dated 18 May 2011, herewith gives notice that **Telecom Namibia Limited** has filed a tariff with the Authority as set out in Schedule 1.

Any person may examine copies of the tariffs submitted at the head offices of the Authority during normal business hours and copies may be made on payment of a fee determined by the Authority. Copies are also available at [www.cran.na](http://www.cran.na), and may be downloaded free of charge.

The public may submit in writing to the Authority written comments within fourteen (14) days from the date of publication of this notice in the *Gazette*.

**Telecom Namibia Limited** may submit, in writing to the Authority, a response to any written comments within fourteen (14) days from the lapsing of the time to submit written submissions.

All written submissions must contain the name and contact details of the person making the written submissions and the name and contact details of the person for whom the written submissions is made, if different and be clear and concise.

All written submissions and reply comments must be made either physically or electronically –

- (1) by hand to the head offices of the Authority, namely Communications House, 56 Robert Mugabe Avenue, Windhoek;
- (2) by post to the head offices of the Authority, namely Private Bag 13309, Windhoek 9000;
- (3) by electronic mail to the following address: [legal@cran.na](mailto:legal@cran.na); and
- (4) by facsimile to the following facsimile number: +264 61 222790.
- (5) by fax to e-mail to: 0886550852

**L.N. JACOBS**  
**CHAIR PERSON OF THE BOARD**  
**COMMUNICATIONS REGULATORY AUTHORITY**

**SCHEDULE 1**

**SUBMISSION OF DATA LINKS TARIFFS: TIME DIVISION MULTIPLEXING (TDM)  
PRICING BY TELECOM NAMIBIA LIMITED  
COMMUNICATIONS ACT, 2009**

ANNEXURE A							
Data Links Bandwidth Fixed charges (MRC in N\$)							
Link Speed	0 - 10 km	11 - 50 km	51-200 km	201-300 km	301-500 km	501-1000 km	>1000 km
<b>64k</b>	422.06	580.40	1,595.48	2,209.22	2,985.57	3,590.88	4,109.71

<b>128k</b>	675.30	928.64	2,552.78	3,534.75	4,776.92	5,745.41	6,575.54
<b>192k</b>	717.50	986.69	2,712.32	3,755.67	5,075.48	6,104.49	6,986.51
<b>256k</b>	759.60	1,044.57	2,871.45	3,976.00	5,373.24	6,462.63	7,396.39
<b>384k</b>	1,055.15	1,451.01	3,988.71	5,523.04	7,463.94	8,977.20	10,274.28
<b>512k</b>	1,254.03	1,724.49	4,740.51	6,564.02	8,870.74	10,669.22	12,210.77
<b>768k</b>	1,831.74	2,518.95	6,924.40	9,588.00	12,957.39	15,584.41	17,836.14
<b>1024k</b>	2,242.89	3,084.34	8,478.62	11,740.07	15,865.74	19,082.41	21,839.55
<b>1280k</b>	2,701.19	3,714.58	10,211.10	14,138.99	19,107.68	22,981.62	26,302.15
<b>1536k</b>	3,207.66	4,411.06	12,125.68	16,790.05	22,690.37	27,290.68	31,233.80
<b>1792k</b>	3,714.13	5,107.55	14,040.27	19,441.10	26,273.06	31,599.73	36,165.46
<b>2048k</b>	4,220.60	5,804.03	15,954.85	22,092.16	29,855.75	35,908.79	41,097.11
<b>2x E1</b>	7,175.03	9,866.85	27,123.24	37,556.68	50,754.77	61,044.94	69,865.08
<b>3x E1</b>	10,551.51	14,510.08	39,887.12	55,230.41	74,639.37	89,771.97	102,742.77
<b>4x E1</b>	13,716.96	18,863.10	51,853.26	71,799.54	97,031.18	116,703.56	133,565.60
<b>5x E1</b>	15,616.23	21,474.92	59,032.94	81,741.01	110,466.27	132,862.52	152,059.30
<b>7x E1</b>	21,103.02	29,020.16	79,774.24	110,460.82	149,278.74	179,543.94	205,485.54
<b>8x E1</b>	22,158.17	30,471.16	83,762.95	115,983.86	156,742.68	188,521.14	215,759.82
<b>E3</b>	32,076.59	44,110.64	121,256.85	167,900.45	226,903.68	272,906.79	312,338.02
<b>STM1</b>	84,412.07	116,080.62	319,096.96	441,843.29	597,114.96	718,175.76	821,942.16
<b>NTU/Link Speed</b>		<b>MRC Vat Excl</b>					
<b>64kb/s up to E1</b>		615.37					
<b>E3</b>		10,510.99					
<b>STM1</b>		10,620.00					
<b>Local Lead MRC (Vat Excl)</b>							
	<b>82.00</b>						
<b>Network Interconnect</b>		<b>NRC Vat Excl</b>	<b>MRC Vat Excl</b>				
<b>E1 up to STM1</b>		2,900.00	3,052.00				
<b>Data Links: Once-off (Set-up/Transfer) charges per link</b>							
<b>Link Speed</b>		<b>NRC (In N\$)</b>					
<b>64k up to E1</b>		3,500					
<b>&gt;E1 up to E3</b>		11,700					
<b>&gt;E3</b>		92,300					



ANNEXURE B													
National Express Route Pricing													
From - To	Protection	E1	2xE1	3xE1	4xE1	DS3	STM1	2 x STM1	STM4	2 x STM4	STM16	2 x STM16	STM64
		MRC (In N\$)	MRC (In N\$)	MRC (In N\$)	MRC (In N\$)	MRC (In N\$)	MRC (In N\$)	MRC (In N\$)	MRC (In N\$)	MRC (In N\$)	MRC (In N\$)	MRC (In N\$)	MRC (In N\$)
Windhoek - Swakopmund	Unprotected	19,665.46	33,431.28	49,163.65	63,912.75	137,658.22	163,116.44	260,986.30	375,167.81	600,268.50	862,885.97	1,380,617.55	1,812,060.53
Windhoek - Swakopmund	Protected	23,302.35	39,613.99	58,255.87	75,732.63	163,116.44	214,032.88	342,452.61	492,275.62	787,641.00	1,132,233.94	1,811,574.30	2,377,691.27
Windhoek - Katima Mulilo	Unprotected	23,797.18	40,455.21	59,492.95	77,340.84	166,580.27	220,960.54	353,536.87	508,209.25	813,134.80	1,168,881.28	1,870,210.05	2,454,650.69
Windhoek - Katima Mulilo	Protected	31,565.79	53,661.85	78,914.48	102,588.82	220,960.54	329,721.09	527,553.74	758,358.50	1,213,373.61	1,744,224.56	2,790,759.29	3,662,871.57
Windhoek - Zambian Border	Unprotected	24,070.77	40,920.31	60,176.92	78,230.00	168,495.38	224,790.77	359,665.23	517,018.76	827,230.02	1,189,143.16	1,902,629.05	2,497,200.63
Windhoek - Zambian Border	Protected	31,839.38	54,126.94	79,598.45	103,477.98	222,875.66	333,551.31	533,682.10	767,168.02	1,227,468.83	1,764,486.44	2,823,178.30	3,705,421.52
Windhoek - Ngoma	Unprotected	24,366.21	41,422.55	60,915.51	79,190.17	170,563.44	228,926.87	366,282.99	526,531.80	842,450.89	1,211,023.15	1,937,637.04	2,543,148.61
Windhoek - Ngoma	Protected	32,430.25	55,131.43	81,075.63	105,398.32	227,011.76	341,823.52	546,917.63	786,194.10	1,257,910.55	1,808,246.42	2,893,194.27	3,797,317.48
Windhoek - Gobabis	Unprotected	17,180.60	29,207.01	42,951.49	55,836.94	120,264.18	128,328.36	205,325.37	295,155.22	472,248.36	678,857.02	1,086,171.23	1,425,599.73
Windhoek - Gobabis	Protected	18,332.62	31,165.46	45,831.56	59,581.02	128,328.36	144,456.72	231,130.75	332,250.45	531,600.72	764,176.03	1,222,681.65	1,604,769.67
Windhoek - Buitepos	Unprotected	20,163.65	34,278.21	50,409.13	65,531.87	141,145.57	170,091.14	272,145.82	391,209.61	625,935.38	899,782.11	1,439,651.38	1,889,542.43
Windhoek - Buitepos	Protected	24,025.15	40,842.75	60,062.87	78,081.73	168,176.02	224,152.05	358,643.28	515,549.71	824,879.54	1,185,764.34	1,897,222.95	2,490,105.12
Windhoek - Ariamsvlei	Unprotected	23,319.04	39,642.38	58,297.61	75,786.89	163,233.31	214,266.62	342,826.60	492,813.23	788,501.17	1,133,470.44	1,813,552.70	2,380,287.91
Windhoek - Ariamsvlei	Protected	30,335.93	51,571.08	75,839.83	98,591.77	212,351.51	312,503.02	500,004.84	718,756.95	1,150,011.12	1,653,140.99	2,645,025.59	3,471,596.08

Windhoek - Vel-loorsdrift	Unprotected	23,319.04	39,642.38	58,297.61	75,786.89	163,233.31	214,266.62	342,826.60	492,813.23	788,501.17	1,133,470.44	1,813,552.70	2,380,287.91
Windhoek - Vel-loorsdrift	Protected	30,335.93	51,571.08	75,839.83	98,591.77	212,351.51	312,503.02	500,004.84	718,756.95	1,150,011.12	1,653,140.99	2,645,025.59	3,471,596.08
Windhoek - Oranjemund	Unprotected	22,905.43	38,939.24	57,263.59	74,442.66	160,338.04	208,476.08	333,561.72	479,494.98	767,191.96	1,102,838.45	1,764,541.52	2,315,960.74
Windhoek - Oranjemund	Protected	29,508.71	50,164.81	73,771.77	95,903.31	206,560.97	300,921.93	481,475.09	692,120.44	1,107,392.71	1,591,877.02	2,547,003.23	3,342,941.74
Windhoek - Oshikango	Unprotected	22,740.80	38,659.36	56,851.99	73,907.59	159,185.58	206,171.16	329,873.86	474,193.68	758,709.89	1,090,645.46	1,745,032.74	2,290,355.47
Windhoek - Oshikango	Protected	29,179.44	49,605.04	72,948.59	94,833.17	204,256.05	296,312.11	474,099.37	681,517.84	1,090,428.55	1,567,491.04	2,507,985.66	3,291,731.18
Windhoek - Rundu	Unprotected	22,407.91	38,093.45	56,019.78	72,825.72	156,855.39	201,510.78	322,417.25	463,474.79	741,559.67	1,065,992.02	1,705,587.23	2,238,583.25
Windhoek - Rundu	Protected	28,787.25	48,938.33	71,968.14	93,558.58	201,510.78	290,821.56	465,314.49	668,889.58	1,070,223.33	1,538,446.04	2,461,513.67	3,230,736.69
Windhoek - Walvis Bay	Unprotected	19,904.80	33,838.15	49,761.99	64,690.59	139,333.58	166,467.15	266,347.45	382,874.46	612,599.13	880,611.25	1,408,978.00	1,849,283.62
Windhoek - Walvis Bay	Protected	23,781.02	40,427.74	59,452.56	77,288.32	166,467.15	220,734.31	353,174.89	507,688.91	812,302.26	1,167,684.50	1,868,295.19	2,452,137.44
Windhoek - Tsumeb	Unprotected	21,470.78	36,500.33	53,676.96	69,780.05	150,295.48	188,390.97	301,425.54	433,299.22	693,278.75	996,588.21	1,594,541.13	2,092,835.23
Windhoek - Tsumeb	Protected	26,913.00	45,752.09	67,282.49	87,467.23	188,390.97	264,581.93	423,331.09	608,538.44	973,661.50	1,399,638.41	2,239,421.46	2,939,240.66
Windhoek - Oshakati	Unprotected	22,168.19	37,685.93	55,420.49	72,046.63	155,177.36	198,154.72	317,047.55	455,755.86	729,209.38	1,048,238.48	1,677,181.56	2,201,300.80
Windhoek - Oshakati	Protected	28,307.82	48,123.29	70,769.54	92,000.41	198,154.72	284,109.44	454,575.11	653,451.72	1,045,522.75	1,502,938.95	2,404,702.33	3,156,171.80
Windhoek - Keetmanshoop	Unprotected	21,149.74	35,954.56	52,874.36	68,736.66	148,048.20	183,896.40	294,234.24	422,961.72	676,738.75	972,811.95	1,556,499.12	2,042,905.10
Windhoek - Keetmanshoop	Protected	26,270.91	44,660.55	65,677.29	85,380.47	183,896.40	255,592.80	408,948.48	587,863.44	940,581.50	1,352,085.90	2,163,337.44	2,839,380.40
Swakopmund - Katima Mulilo	Unprotected	25,682.11	43,659.58	64,205.26	83,466.84	179,774.74	247,349.47	395,759.16	568,903.79	910,246.06	1,308,478.72	2,093,565.95	2,747,805.31

Swakopmund - Katima Mulilo	Protected	35,335.64	60,070.59	88,339.10	114,840.83	247,349.47	382,498.95	611,998.32	879,747.58	1,407,596.13	2,023,419.43	3,237,471.09	4,249,180.81
Swakopmund - Zambian Border	Unprotected	25,955.69	44,124.68	64,889.23	84,356.00	181,689.85	251,179.70	401,887.52	577,713.30	924,341.28	1,328,740.60	2,125,984.96	2,790,355.25
Swakopmund - Zambian Border	Protected	35,609.23	60,535.69	89,023.07	115,729.99	249,264.59	386,329.17	618,126.67	888,557.09	1,421,691.35	2,043,681.31	3,269,890.10	4,291,730.76
Swakopmund - Ngoma	Unprotected	26,251.13	44,626.92	65,627.82	85,316.17	183,757.90	255,315.80	408,505.28	587,226.34	939,562.15	1,350,620.59	2,160,992.94	2,836,303.23
Swakopmund - Ngoma	Protected	36,200.10	61,540.17	90,500.25	117,650.32	253,400.69	394,601.38	631,362.21	907,583.17	1,452,133.07	2,087,441.29	3,339,906.07	4,383,626.72
Swakopmund - Buitepos	Unprotected	22,048.58	37,482.58	55,121.44	71,657.87	154,340.03	196,480.07	314,368.11	451,904.15	723,046.64	1,039,379.55	1,663,007.28	2,182,697.05
Swakopmund - Buitepos	Protected	27,794.99	47,251.49	69,487.48	90,333.73	194,564.95	276,929.91	443,087.85	636,938.79	1,019,102.06	1,464,959.22	2,343,934.75	3,076,414.36
Swakopmund - Ariamsvlei	Unprotected	26,801.50	45,562.54	67,003.74	87,104.86	187,610.47	263,020.95	420,833.52	604,948.18	967,917.09	1,391,380.82	2,226,209.31	2,921,899.72
Swakopmund - Ariamsvlei	Protected	37,300.83	63,411.42	93,252.08	121,227.71	261,105.84	410,011.68	656,018.68	943,026.85	1,508,842.97	2,168,961.76	3,470,338.82	4,554,819.70
Swakopmund - Velloorsdrift	Unprotected	26,801.50	45,562.54	67,003.74	87,104.86	187,610.47	263,020.95	420,833.52	604,948.18	967,917.09	1,391,380.82	2,226,209.31	2,921,899.72
Swakopmund - Velloorsdrift	Protected	37,300.83	63,411.42	93,252.08	121,227.71	261,105.84	410,011.68	656,018.68	943,026.85	1,508,842.97	2,168,961.76	3,470,338.82	4,554,819.70
Swakopmund - Oranjemund	Unprotected	26,387.89	44,859.41	65,969.71	85,760.63	184,715.20	257,230.40	411,568.65	591,629.93	946,607.89	1,360,748.83	2,177,198.14	2,857,572.55
Swakopmund - Oranjemund	Protected	36,473.61	62,005.14	91,184.03	118,539.24	255,315.29	398,430.58	637,488.93	916,390.34	1,466,224.55	2,107,697.79	3,372,316.46	4,426,165.36
Swakopmund - Oshikango	Unprotected	22,591.18	38,405.01	56,477.95	73,421.34	158,138.27	204,076.54	326,522.46	469,376.04	751,001.66	1,079,564.89	1,727,303.82	2,267,086.26
Swakopmund - Oshikango	Protected	28,880.20	49,096.35	72,200.51	93,860.66	202,161.43	292,122.85	467,396.56	671,882.56	1,075,012.10	1,545,329.89	2,472,527.83	3,245,192.77
Swakopmund - Oshakati	Unprotected	22,485.36	38,225.11	56,213.40	73,077.41	157,397.51	202,595.01	324,152.02	465,968.53	745,549.65	1,071,727.62	1,714,764.19	1,565,654.26
Swakopmund - Oshakati	Protected	28,942.14	49,201.65	72,355.36	94,061.97	202,595.01	292,990.03	468,784.04	673,877.06	1,078,203.30	1,549,917.24	2,479,867.59	2,264,226.93

Ariamsvlei - Katima Mulilo	Unprotected	29,936.09	50,891.36	74,840.23	97,292.30	209,552.64	306,905.29	491,048.46	705,882.16	1,129,411.46	1,623,528.98	2,597,646.36	3,409,410.85
Ariamsvlei - Katima Mulilo	Protected	43,570.03	74,069.04	108,925.06	141,602.58	304,990.18	497,780.35	796,448.57	1,144,894.81	1,831,831.70	2,633,258.07	4,213,212.92	5,529,841.96
Ariamsvlei - Zambian Border	Unprotected	30,209.68	51,356.45	75,524.20	98,181.46	211,467.76	310,735.51	497,176.82	714,691.68	1,143,506.68	1,643,790.86	2,630,065.37	3,451,960.80
Ariamsvlei - Zambian Border	Protected	43,843.61	74,534.14	109,609.03	142,491.74	306,905.29	501,610.58	802,576.92	1,153,704.33	1,845,926.92	2,653,519.95	4,245,631.93	5,572,391.90
Ariamsvlei - Ngoma	Unprotected	30,505.12	51,858.70	76,262.79	99,141.63	213,535.81	314,871.62	503,794.59	724,204.72	1,158,727.55	1,665,670.85	2,665,073.36	3,497,908.78
Ariamsvlei - Ngoma	Protected	44,434.48	75,538.62	111,086.21	144,412.08	311,041.39	509,882.79	815,812.46	1,172,730.41	1,876,368.65	2,697,279.93	4,315,647.90	5,664,287.86
Ariamsvlei - Buitepos	Unprotected	26,302.56	44,714.36	65,756.41	85,483.33	184,117.94	256,035.88	409,657.41	588,882.53	942,212.04	1,354,429.81	2,167,087.69	2,844,302.60
Ariamsvlei - Buitepos	Protected	36,029.38	61,249.95	90,073.45	117,095.48	252,205.66	392,211.32	627,538.10	902,086.02	1,443,337.64	2,074,797.86	3,319,676.57	4,357,075.50
Ariamsvlei - Oshikango	Unprotected	28,868.59	49,076.60	72,171.47	93,822.91	202,080.11	291,960.22	467,136.35	671,508.50	1,074,413.61	1,544,469.56	2,471,151.29	3,243,386.07
Ariamsvlei - Oshikango	Protected	41,161.43	69,974.43	102,903.57	133,774.64	288,130.00	464,059.99	742,495.99	1,067,337.98	1,707,740.77	2,454,877.36	3,927,803.77	5,155,242.45
Velloorsdrift - Katima Mulilo	Unprotected	29,936.09	50,891.36	74,840.23	97,292.30	209,552.64	306,905.29	491,048.46	705,882.16	1,129,411.46	1,623,528.98	2,597,646.36	3,409,410.85
Velloorsdrift - Katima Mulilo	Protected	43,570.03	74,069.04	108,925.06	141,602.58	304,990.18	497,780.35	796,448.57	1,144,894.81	1,831,831.70	2,633,258.07	4,213,212.92	5,529,841.96
Velloorsdrift - Zambian Border	Unprotected	30,209.68	51,356.45	75,524.20	98,181.46	211,467.76	310,735.51	497,176.82	714,691.68	1,143,506.68	1,643,790.86	2,630,065.37	3,451,960.80
Velloorsdrift - Zambian Border	Protected	43,843.61	74,534.14	109,609.03	142,491.74	306,905.29	501,610.58	802,576.92	1,153,704.33	1,845,926.92	2,653,519.95	4,245,631.93	5,572,391.90
Velloorsdrift - Ngoma	Unprotected	30,505.12	51,858.70	76,262.79	99,141.63	213,535.81	314,871.62	503,794.59	724,204.72	1,158,727.55	1,665,670.85	2,665,073.36	3,497,908.78
Velloorsdrift - Ngoma	Protected	44,434.48	75,538.62	111,086.21	144,412.08	311,041.39	509,882.79	815,812.46	1,172,730.41	1,876,368.65	2,697,279.93	4,315,647.90	5,664,287.86
Velloorsdrift - Buitepos	Unprotected	26,302.56	44,714.36	65,756.41	85,483.33	184,117.94	256,035.88	409,657.41	588,882.53	942,212.04	1,354,429.81	2,167,087.69	2,844,302.60

Velloorsdrift - Buitepos	Protected	36,029.38	61,249.95	90,073.45	117,095.48	252,205.66	392,211.32	627,538.10	902,086.02	1,443,337.64	2,074,797.86	3,319,676.57	4,357,075.50
Velloorsdrift - Oshikango	Unprotected	28,868.59	49,076.60	72,171.47	93,822.91	202,080.11	291,960.22	467,136.35	671,508.50	1,074,413.61	1,544,469.56	2,471,151.29	3,243,386.07
Velloorsdrift - Oshikango	Protected	41,161.43	69,974.43	102,903.57	133,774.64	288,130.00	464,059.99	742,495.99	1,067,337.98	1,707,740.77	2,454,877.36	3,927,803.77	5,155,242.45
Oranjemund - Katima Mulilo	Unprotected	29,522.48	50,188.22	73,806.20	95,948.07	206,657.37	301,114.74	481,783.59	692,563.91	1,108,102.25	1,592,896.99	2,548,635.18	3,345,083.68
Oranjemund - Katima Mulilo	Protected	42,742.80	72,662.77	106,857.01	138,914.11	299,199.63	486,199.26	777,918.82	1,118,258.30	1,789,213.29	2,571,994.10	4,115,190.56	5,401,187.61
Oranjemund - Zambian Border	Unprotected	29,796.07	50,653.32	74,490.17	96,837.22	208,572.48	304,944.97	487,911.95	701,373.42	1,122,197.48	1,613,158.87	2,581,054.19	3,387,633.63
Oranjemund - Zambian Border	Protected	43,016.39	73,127.87	107,540.98	139,803.27	301,114.74	490,029.49	784,047.18	1,127,067.82	1,803,308.51	2,592,255.98	4,147,609.57	5,443,737.56
Oranjemund - Ngoma	Unprotected	30,091.51	51,155.56	75,228.76	97,797.39	210,640.54	309,081.07	494,529.71	710,886.46	1,137,418.34	1,635,038.86	2,616,062.18	3,433,581.61
Oranjemund - Ngoma	Protected	43,607.26	74,132.35	109,018.16	141,723.61	305,250.85	498,301.69	797,282.71	1,146,093.90	1,833,750.23	2,636,015.96	4,217,625.54	5,535,633.52
Oranjemund - Buitepos	Unprotected	25,888.95	44,011.22	64,722.38	84,139.10	181,222.67	250,245.33	400,392.54	575,564.27	920,902.83	1,323,797.82	2,118,076.52	2,779,975.43
Oranjemund - Buitepos	Protected	35,202.16	59,843.67	88,005.40	114,407.02	246,415.11	380,630.22	609,008.36	875,449.51	1,400,719.22	2,013,533.88	3,221,654.21	4,228,421.16
Oranjemund - Oshikango	Unprotected	28,454.98	48,373.46	71,137.44	92,478.67	199,184.84	286,169.67	457,871.48	658,190.25	1,053,104.40	1,513,837.57	2,422,140.11	3,179,058.90
Oranjemund - Oshikango	Protected	40,334.21	68,568.15	100,835.52	131,086.17	282,339.45	452,478.90	723,966.24	1,040,701.47	1,665,122.35	2,393,613.38	3,829,781.41	5,026,588.11
Buitepos - Oshikango	Unprotected	22,806.06	38,770.30	57,015.14	74,119.68	159,642.40	207,084.80	331,335.67	476,295.03	762,072.05	1,095,478.57	1,752,765.71	2,300,504.99
Buitepos - Oshikango	Protected	29,309.95	49,826.92	73,274.89	95,257.35	205,169.68	298,139.37	477,022.99	685,720.55	1,097,152.87	1,577,157.25	2,523,451.61	3,312,030.24
Katima Mulilo - Oshikango	Unprotected	24,316.59	41,338.19	60,791.46	79,028.90	170,216.10	228,232.19	365,171.51	524,934.04	839,894.46	1,207,348.29	1,931,757.27	2,535,431.41
Katima Mulilo - Oshikango	Protected	31,965.11	54,340.69	79,912.77	103,886.60	223,755.76	335,311.52	536,498.44	771,216.50	1,233,946.41	1,773,797.96	2,838,076.74	3,724,975.72

NEX: Once-off (Set-up/Transfer) charges per link	Link Speed	NRC (In N\$)											
64k up to E1	3,500												
>E1 up to E3	11,700												
>E3	92,300												