



# GOVERNMENT GAZETTE

## OF THE

# REPUBLIC OF NAMIBIA

N\$8.40

WINDHOEK - 15 August 2014

No. 5534

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- (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).

**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 Licences 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.

# 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

Package Name	Download (Kbps)	Upload (Kbps)	Cap	Selling Price per month
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

	<u>Selling (N\$)</u>
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

Billing	Unlimited Free Calls in Closed User Group (1 Fixed+1 Mobile Numbers)
	Included 500Min, 5GB mobile data, 100 SMS and 2048k unlimited Fixed Broadband
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

## 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.



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:

# 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
64k	422.06	580.40	1,595.48	2,209.22	2,985.57	3,590.88	4,109.71



ANNEXURE B													
National Express Route Pricing													
		E1	2xE1	3xE1	4xE1	DS3	STM1	2 x STM1	STM4	2 x STM4	STM16	2 x STM16	STM64
	From - To	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	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	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	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	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	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	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	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	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	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	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 - Buitempos	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 - Buitempos	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	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	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

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

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