



# WATTS 2018-01

Year 88 + 01m

Monthly Newsletter of the Pretoria Amateur Radio Club  
Maandelikse Nuusbrieff van die Pretoria Amateur Radio Klub

✉ PARC, PO Box 73696, Lynnwood Ridge 0040, RSA  
<http://www.parc.org.za> [zs6pta@zs6pta.org.za](mailto:zs6pta@zs6pta.org.za)



**Bulletins : 145.725 MHz : Sundays from 08h45 / Sondag vanaf 08h45**  
Relays: 1.840, 3.700, 7.066, 10.135, 14.235, 51.400, 438.825, 1297 MHz  
and Echolink. Activated frequencies are announced prior to bulletins  
**Swopshop : 2m and 7.066 MHz live on-air after bulletins**  
Bulletin repeats on Mondays / herhalings op Maandae : 2m 19h45



*Pretoria Amateur Radio Club hereby wishes all Club- & Family Members and Listeners a Blessed and Prosperous 2018.*

*Pretoria Amateur Radio Klub wens hiermee alle Klub- & Familie Lede en Luisteraars 'n Geseende en Voorspoedige 2018.*

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### Club Meetings / Klub Vergaderings

#### Club Social Meeting :

**The next Club Meeting will be on Saturday, the 6<sup>th</sup> of January after the Flea Market from 11h00 at SAM**

#### Club Committee Meeting :

**The next Committee Meeting will be on Wednesday, the 10<sup>th</sup> of January from 19h30 at SAM**

## Birthdays January 2018 / Verjaarsdae - Januarie 2018

05 Pierre Holtzhausen ZS6PJH

10 Wynand Wessels ZR6WW

### Spouse's Birthdays January / Gade Verjaardae - Januarie

18 Zelda, spouse of Wynand Wessels ZR6WW  
25 Magriet, gade van Tobie Jansen van Rensburg ZS6ZX

### Anniversaries January / Herdenkings - Januarie

05 Louise en Almero Du Pisani ZS6LDP  
07 Doréén ZR6DDB en Johan de Bruyn ZS6JHB  
11 Judy and David Bazil Botha ZS6O

## Birthdays February 2018 / Verjaarsdae - Februarie 2018

02 John Minter ZS6LED  
03 Willie Greyling ZR6WGR  
03 Nico van Tonder ZS6AQ (Hon. Member)  
04 James Bestbier ZS1XN  
04 Louis de Wet ZS6SK

09 Kenny Martin ZS6KMM  
16 De Jager Burger ZS6ZO  
18 Jaco Cronje ZR6CMG  
23 Pete Smith-Curren ZS6PJ

### Spouse's Birthdays February / Gade Verjaardae - Februarie

10 Paddy, sw of Kenny Martin ZS6KMM  
22 Erika, gade van Pine Pienaar ZS6OB

### Anniversaries February / Herdenkings - Februarie

03 Heather and Vincent Harrison ZS6BTY  
07 Juanita en Ryan Gibson ZS6GGR  
14 Louisa en Jaco Cronje ZR6CMG  
16 Dienkie en Pierre Britz ZR6ADZ  
27 Zelda en Wvnannd Wessels ZR6WW

### Anniversaries Contd. / Herdenkings - Verv. /

18 Sarina en Willie Greyling ZR6WGR  
21 Sandy ZS6ICE en Menno Havelaar ZS6AGC  
27 Paddy and Kenny Martin ZS6KMM  
28 Martie en Jurgen de Beer ZR6YV (Erelid)

## Lief en Leed / Joys and Sorrows

**Pretoria Amateur Radio Klub betuig hiermee ons innige meegevoel met die afsterwe van die moeder van Louise Du Pisani, gade van Almero ZS6LDP. Ons met julle in ons gedagtes in hierdie moeilike tyd.**

## PARC Bulletins / PARK Bulletins

PARC Bulletins are presented on Sunday mornings at approximately 08h45, after the SARL Bulletins in English and Afrikaans, from 08h15. The Bulletin Presenters for the following two months are presented below. Please do contact the applicable presenter beforehand if you wish to make a contribution to the Bulletin. PARC Bulletins are broadcast on the 2 meter repeater on 145.725 MHz, and 70 cm on 438.025 MHz. Relays are done on 7.060 MHz by Hans Kappetijn ZS6KR and on Echolink by Johan Lehman ZS6JPL.

PARK Bulletins word op Sondag oggende aangebied om 08h45, na die SARL Bulletins in Engels en Afrikaans, vanaf 08h15. The Bulletin aanbieders vir die volgende twee maande word onder aangedui. Kontak gerus die toepaslike Bulletin leser indien u 'n bydrae tot die Bulletin wil maak. PARK Bulletins word uitgesaai op die 2 meter Herhaler op 145.725 MHz, en 70cm op 438.205 MHz. Herleidings word gedoen op 7.060 MHz deur Hans Kappetijn ZS6KR, en op Echolink deur Johan Lehman ZS6JPL.

### PARC Bulletin Presenters : January - March 2018

Date	Presenter	Date	Presenter
07 January 2018	Etienne Naude ZS6EFN	04 February 2018	Etienne Naude ZS6EFN
14 January 2018	Almero du Pisani ZS6LDP	11 February 2018	Almero du Pisani ZS6LDP
21 January 2018	Johan du Bruyn ZS6JHB	18 February 2018	Johan du Bruyn ZS6JHB
28 January 2018	Louis de Wet ZS6SK	25 February 2018	Louis de Wet ZS6SK

*Please do contact Etienne Naude ZS6EFN for more information or any Bulletin arrangements*

### PARC SUBS : PARK LEDEGELD : FROM / VANAF : 30-06-2017

Bank	First National Bank	<b>Ordinary Members / Gewone Lede : R160 Spouses / Pensioners : R60</b>	<b>Your call sign must appear as statement text!</b>
Branch Code	25 20 45		
Account No	546 000 426 73		
<b>Please remit your subs in time to our Treasurer, or pay per transfer into the PARC account Betaal asb. u ledegedelde betyds aan ons Tesourier, of betaal per oorplasing in die PARC rekening</b>			

Please Note : If your Club fees are not paid up to date, birthday details cannot be displayed in Watts

## PARC Committee Members Contact Details / Komiteelede Kontakbesonderhede : 2017 - 2018

<u>Elected Members</u>	<u>Name</u>	<u>Callsign</u>	<u>Email Adress</u>	<u>Tel No</u>	<u>Mobile No</u>
Chairman, Web co-ordination	Graham Reid	ZS6GJR	<a href="mailto:greid@wol.co.za">greid@wol.co.za</a>	012-667-2720	083-701-0511
Vice Chairman, Treasurer & Rallies	Johan de Bruyn	ZS6JHB	<a href="mailto:zs6jhb@gmail.com">zs6jhb@gmail.com</a>	012-803-9418	079-333-4107
RAE Training, Bulletins & SARL Liaison	Etienne Naude	ZS6EFN	<a href="mailto:etienne@afrigrid.com">etienne@afrigrid.com</a>	012-661-6745	082-553-0542
Club Secretary	Irene Myburgh	ZS6IEA	<a href="mailto:irene@srsa.gov.za">irene@srsa.gov.za</a>	012-304-5109	082-462-6001
Social & Contests	Whitey Joubert	ZS6JJJ	<a href="mailto:zs6jjj@gmail.com">zs6jjj@gmail.com</a>	012-993-2267	072-120-4516
Watts Newsletter & RAE Assistance	Louis de Wet	ZS6SK	<a href="mailto:louis.zs6sk@gmail.com">louis.zs6sk@gmail.com</a>	012-349-1044	072-140-9893
Youth Development & Competitions	Nic Louw	ZS6NWL	<a href="mailto:nic.louw@telkomsa.net">nic.louw@telkomsa.net</a>		083-596-1026
RAE Training & Technical	John Minter	ZS6LED	<a href="mailto:john.minter.za@gmail.com">john.minter.za@gmail.com</a>	012-349-0019	083-291-5422
<u>Co-Opted Members</u>	<u>Name</u>	<u>Callsign</u>	<u>Email Adress</u>	<u>Tel No</u>	<u>Mobile No</u>
Fleamarkets	Alméro DuPisani	ZS6LDP	<a href="mailto:almero.dupisani@up.ac.za">almero.dupisani@up.ac.za</a>	012-420-3779	083-938-8955
Auditor	Tony Crowder	ZS6CRO	<a href="mailto:tcrowder@telkomsa.net">tcrowder@telkomsa.net</a>	011-672-3311	

### Contests and Diary of Events - January 2018 / Kompetisies en Dagboek van Gebeure - Januarie 2018 (UTC Times)

01	Start of the 2018 ARRL International Grid Chase and the CQ DX Marathon
06	<b>Pretoria Amateur Radio Club Flea Market (From 10h00) &amp; Club Meeting</b>
13 - 14	Hunting Lions in the Air
14	NRAU Baltic Contest, SSB : 06h30 - 08h30
14	DARC 10-Meter Contest : 09h00 - 10h59
14	NRAU Baltic Contest, CW : 09h00 - 11h00
19	LZ Open Contest : 18h00 - 22h00
20 - 21	<b>PEARS VHF/UHF Contest</b>
20 - 21	Hungarian DX Contest, CW : 12h00 - 11h59
26 - 28	CQ 160-Meter Contest, CW : 22h00 - 22h00
27 - 28	UBA DX Contest, SSB : 13h00 - 13h00
27 - 28	<b>Summer QRP Contest</b>
31	<b>Closing date for Nominations for Council, SARL Awards and AGM Motions</b>

### Contests and Diary of Events - February 2018 / Kompetisies en Dagboek van Gebeure - Februarie 2018 (UTC Times)

03 - 04	10-10 International Winter Contest, SSB : 00h01 - 23h59
03 - 04	Mexico RTTY International Contest : 12h00 - 23h59
10 - 11	CQ WW RTTY WPX Contest : 00h00 - 23h59
10 - 11	<b>SARL Field Day Contest : 10h00 - 10h00</b>
10 - 11	Dutch PACC Contest : 12h00 - 12h00
10	RSGB 1 <sup>st</sup> 1.8MHz Contest : 19h00 - 23h00
13	<b>UNESCO World Radio Day</b>
17 - 18	ARRL International DX Contest, CW : 00h00 - 24h00
17	<b>SARL Youth Day Sprint : 08h00 - 10h00</b>
23 - 25	CQ 160-Meter Contest, SSB : 22h00 - 22h00
24 - 25	REF Contest, SSB : 06h00 - 18h00
24 - 25	UBA DX Contest : 13h00 - 13h00
25	<b>SARL Digital Contest : 13h00 - 16h00</b>

More information can be obtained from the SARL website, as well as the WA7BNM contest calendar at the following website: <http://hornucopia.com>

## PARC Flea Market Dates 2018 / PARK Vlooiemark Datums 2018

**6 January / 6 Januarie**

**14 April : Mega Flea Market at the SARL AGM Venue**

**21 July / 21 Julie**

**25 August / 25 Augustus : Followed by PARC AGM / Gevolg deur PARK AJV**

**27 October / 27 Oktober**

For more information please listen to the Sunday Bulletins, or contact Alméro Du Pisani ZS6LDP at 083-938-8955 or [almero.dupisani@up.ac.za](mailto:almero.dupisani@up.ac.za) Almero can be contacted when a table needs to be booked

**New Years' Message from PARC Chairman, Graham Reid ZS6GJR**  
**Nuwejaars Boodskap van PARK Voorsitter, Graham Reid ZS6GJR**



A very special Good Morning to all our PARC members, their families and other interested parties on this special Christmas and New Year Bulletin.

On behalf of the committee of PARC I would like to take this opportunity to welcome you all to this Special bulletin and I wish you and your families a Very Merry and Blessed Christmas for 2017. I would also like you all to remember any friends and relatives that went silent key during this past year - our thoughts and wishes go out to all the families of those no longer with us.

'n Baie spesiale Goeiemore aan al ons PARK lede, hulle families asook ander belangstellende persone op hierdie spesiale Kersfees en Nuwejaars Bulletin.

Namens die PARK komitee wil ek graag van hierdie geleentheid gebruik maak om julle almal te verwelkom aan hierdie spesiale bulletin en ek wens julle en julle families a Baie Gelukkige en Geseende Kersfees vir 2017. Ek sal graag dat julle almal enige vriende of gesinslede onthou wat deur die jaar Stil Sleutel geword het - ons gedagtes en beste wense gaan uit aan al die families van daardie mense wat nie meer met ons is.

Ek hoop en glo dat julle almal die res van hierdie kersfees periode by familie en vriende gaan deurbring en dat dit 'n rustig en gelukkige tyd vir julle sal wees. Meeste van julle het seker planne om die Nuwe Jaar in te sien vanaand asook om more verder te selebreer - Nuwe Jaar's Dag. Namens die PARK komitee wil ek graag van die geleentheid gebruik maak om julle en julle families alles van die beste toe te wens vir 'n Voorspoedige en suksesvolle 2018. Ry asseblief veilig en versigtig om terug by die huis te kom om op 'n gelukkige en gesonde wyse 2018 te kan begin.

I hope and believe that you have all planned the rest of this Christmas period together with family and friends and that it is a restful and enjoyable time for you all. Most of you will have planned to see the New Year in tonight and to celebrate further tomorrow - New Year's Day. On behalf of the PARC committee I would like to wish you and your family all the best for very Happy and Successful 2018. Please drive safely and carefully so that you all return home to start 2018 happy and healthy.

Thanks for supporting the PARC bulletin as well as the other Club activities and please keep this up going forward.

Dankie vir julle ondersteuning van die PARK bulletin, asook die ander Klub aktiwiteite, en hou asseblief aan met hierdie ondersteuning vorentoe.

Dankie Louis vir die lees van hierdie bulletin (31 December) asook jou gedagte en ondersteuning vir hierdie Kersperiode boodskap.

## Namibia Trip with Tsumeb Museum Radio Equipment : Graham Reid ZS6GJR

During August 2017 my wife and I did a trip through Botswana and into Namibia. We then travelled from East to West and then North to South of Namibia to end the trip at Augrabies Falls in South Africa – a total of more than 6 500 km over a period of 23 days.

During the earlier part of the trip we stayed 3 days in Tsumeb and had some time to visit the Meteorite there as well as the Tsumeb Museum.

Amongst many other interesting items that this Museum has in it's well kept displays were some very old radios and associated equipment which were probably used by the German soldiers and personnel during the World wars.

I have included pictures of this equipment and some of our older members and readers may even recognise some of these items. The information given was relatively sparse but I have provided what I was able to take photographs of with its description.

Hopefully you will find this interesting.



Tsumeb Museum entrance



A398A and Tedalex Mobile Radios



Radio equipment on display



Radio receiver from NARL



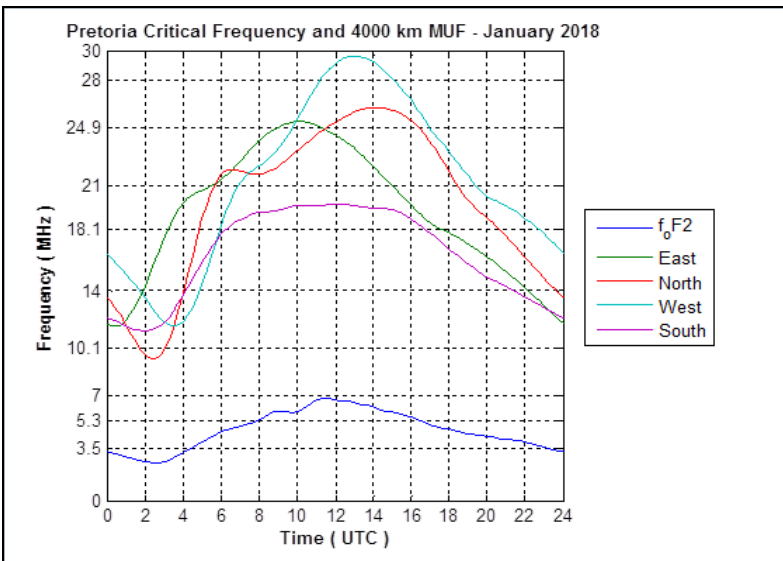
Sanyo Digital World Radio Receiver and home-made receiver



SARL Trophy from NARL



Field telephone, capacity meter & other



### Long Term HF Propagation for January 2018

#### DX Operating

The graph shows the 4000 km maximum useable frequency (MUF) to the East, North, West and South from Pretoria for the first hop using the F2 layer.

#### Local Operating

The F2 critical frequency ( $f_oF2$ ) is the maximum F-layer frequency for short range communications.

For worldwide propagation see: <http://www.parc.org.za/index.php?page=propagation>

Courtesy Vincent ZS6BTY

C/O NELSPOORT & 801 MALMESBURY STR, WINGATE PARK, PRETORIA [S25.49.36 & E28.16.07]

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