



WATTS 2021-03

Year 91 + 03m

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



Bulletins : 145.725 MHz : Sundays from 08h45 / Sondae 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
Swapshop : 2m and 7.066 MHz live on-air after bulletins

Bulletin repeats on Mondays / herhalings op Maandae : 2m 19h45



Die Pretoria Amateur Radio Klub se eerste snuffelmark vir 2021 het op die 6^{de} Februarie by die Pretoria Ou Motorklub plaasgevind. Ondanks die gure weer en Covid maatreëls was die bywoning bevredigend. Op die voorblad is PARK Voorsitter Johan de Bruyn ZS6JHB saam met Jaco Nieuwenhuis ZS6JLN en sy Pa. Meer op bladsye 5-6.

The Pretoria Amateur Radio Club held it's first Flea Market for 2021 on the 6th of February at the Pretoria Old Motor Club. Despite the dreary weather and Covid measures, the attendance was satisfactory. On the front page is PARC Chairman Johan de Buyn ZS6JHB with Jaco Nieuwenhuis ZS6JLN and his Father. More on pages 5-6.

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Club Meetings / Klub Vergaderings

Club Committee Meeting :

The date of the next Meeting for the 2021 PARC Committee will be on Thursday the 18th of March 2021 at Waterlab from 17h30

Birthdays and Anniversaries / Verjaarsdae en Huweliks Herdenkings

Member's Birthdays March 2021 / Lede Verjaarsdae Maart 2021

11 Des van Schalkwyk ZR6JET
14 Uys Classen ZS6UYS
22 Julian Bouttell ZS6AOU

22 Ivan Jancuska (Hon. Mem.) ZS6CCW
24 Marike Roux ZS6MRX (50)
27 Sarel Stapelberg ZS6EK (70)

Spouse's March 2021 / Gades Maart 2021

05 Martha, gade van Attie Reynecke
08 Vasthi, gade van DP du Toit ZR6DP
12 Rita, gade van Vitor Gouveia ZS6VG
18 Joydene, gade van Albert Schreuder ZS6SE
19 Ria, gade van Henk Stuienberg PA0STU
21 Martie, gade van JB de Beer (Erelid) ZR6YV
24 Marike, gade van Andre Roux ZS6ARX
30 Madelaine, gade van George Ellis ZS6TA
31 Annatjie, gade van Pieter Fourie ZS6CN

Anniversaries March 2021 / Herdenkings Maart 2021

25 Irene ZS6IEA en Pieter ZS6PAM Myburgh
26 Sharmaine en Louis de Wet ZS6SK
27 Fiona en Etienne Naude ZS6EFN
30 Vasthi en DP du Toit ZR6DP
31 Liezel en Sybrand van der Spuy ZS6SY

Member's Birthdays April 2021 / Lede Verjaarsdae April 2021

10 Nic Louw ZS6NWL
16 Andre Roux ZS6ARX
28 Elias Tibane

19 Etienne Naude ZS6EFN
24 Jaco Steyn ZSL6119

Spouse's April 2021 / Gades April 2021

10 Joey, spouse of Graham Reid ZS6GJR
15 Joanne, spouse of Evan Seligmann ZS6ELI
15 Tali, gade van Dylan Foord ZS6TDK
16 Andre ZS6ARX, gade van Marike Roux ZS6MRX
18 Sarah, spouse of Elias Tibane
22 Marita, gade van Roy Alexander ZS6MI
27 Ronel, gade van Emil Bohme ZS6EGB
29 Heather, spouse of Vincent Harrison ZS6BTY

Anniversaries April 2021 / Herdenkings April 2021

01 Ronel en Dawid Jansen van Rensburg ZS6VS
10 Joanne and Evan Seligmann ZS6ELI
30 Joey and Graham Reid ZS6GJR

Joys and Sorrows / Lief en Leed

Pieter Fourie ZS6CN was onlangs opgeneem vir toetse en is na 'n paar dae ontslaan. Ons wens Pieter en Annatjie alles van die beste toe.
Dawid Jansen van Rensburg ZS6VS het 'n reeks toetse ondergaan. Baie sterkte Dawid.

PARC Membership Fees / PARK Ledegelde

For the 2020-2021 year, there will be no increases in Club Membership fees.

Club Fees therefore remain at R160 for Ordinary Members, and R60 for Pensioners and Spouse. Vir die 2020-2021 jaar sal daar geen toenames in die Klub Lidmaatskap gelde wees nie. Dus bly die gelde op R160 vir Gewone Lede, en R60 vir Pensionarisse en Gade.

PARC SUBS : PARK LEDEGELD : FROM / VANAF : 2020-10-31

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

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

PARC Bulletin Roster / PARK Bulletin Rooster

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 438.825 and 439.025 MHz. Relays are done on 7.060 MHz by Hans Kappetijn ZS6KR and on Echolink by Johan Lehman ZS6JPL. A re-broadcast of the Bulletin is done the following Monday evening at 19h45 by Hans ZS6KR.

PARK Bulletins word op Sondagoggende 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 438.825 en 439.025 MHz. Herleidings word gedoen op 7.060 MHz deur Hans Kappetijn ZS6KR, en op Echolink deur Johan Lehman ZS6JPL. 'n Heruitsending van die Bulletin geskied die opvolgende Maandag aand om 19h45, en word behartig deur Hans ZS6KR.

PARC Bulletin Presenters : February 2021 – June 2021

Date	Presenter	Date	Presenter
7 March 2021	Louis de Wet ZS6SK	25 April 2021	Johan de Bruyn ZS6JHB
14 March 2021	Albert Schreuder ZS6SE	2 May 2021	Louis de Wet ZS6SK
21 March 2021	Alméro Du Pisani ZS6LDP	9 May 2021	Albert Schreuder ZS6SE
28 March 2021	Johan de Bruyn ZS6JHB	16 May 2021	Alméro Du Pisani ZS6LDP
4 April 2021	Louis de Wet ZS6SK	23 May 2021	Johan de Bruyn ZS6JHB
11 April 2021	Albert Schreuder ZS6SE	30 May 2021	Louis de Wet ZS6SK
18 April 2021	Alméro Du Pisani ZS6LDP	6 June 2021	Albert Schreuder ZS6SE

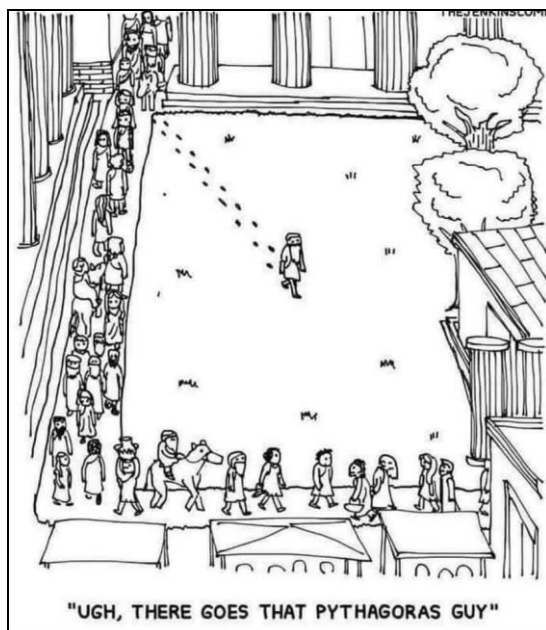
FLEA MARKET DATES / SNUFFELMARK DATUMS

PARC / PARK: 27 March ; 31 July ; 4 December

East Rand: 16 June ; 30 October

West Rand: 5 June ; 4 September ; 27 November

For more information contact Alméro Du Pisani: 083-938-8955



Diary of Contests & Events / Dagboek van Kompetisies en Gebeure

Contests and Events - March 2021 / Kompetisies en Gebeure - Maart 2021 (UTC Times)

01	RSGB 80m Club Championship, Data: 20h00Z - 21h30Z
02	Worldwide Sideband Activity Contest: 01h00Z - 01h59Z
03	UKEICC 80m Contest: 20h00Z - 21h00Z
06 - 07	ARRL International DX Contest, SSB: 00h00Z - 24h00Z
07	SARL Hamnet 40m Simulated Emergency Contest: 12h00Z - 14h00Z
09	Worldwide Sideband Activity Contest: 01h00Z - 01h59Z
10	RSGB 80m Club Championship, CW: 20h00Z - 21h30Z
13	SARL VHF/UHF Analog Contest: 05h00Z - 07h00 (6m)
13	SARL VHF/UHF Analog Contest: 07h00Z - 09h00 (2m)
13	SARL VHF/UHF Analog Contest: 09h00Z - 11h00 (70cm)
14	SARL VHF/UHF Analog Contest: 05h00Z - 07h00 (6m)
14	SARL VHF/UHF Analog Contest: 07h00Z - 09h00 (2m)
14	SARL VHF/UHF Analog Contest: 09h00Z - 11h00 (70cm)
13 - 14	TESLA Memorial HF CW Contest: 18h00Z - 05h59Z
16	Worldwide Sideband Activity Contest: 01h00Z - 01h59Z
20 - 21	Russian DX Contest: 12h00Z - 12h00Z
23	Worldwide Sideband Activity Contest: 01h00Z - 01h59Z
25	RSGB 80m Club Championship, SSB: 20h00Z - 21h30Z
30	Worldwide Sideband Activity Contest: 01h00Z - 01h59Z
31	UKEICC 80m Contest: 20h00Z - 21h00Z

Contests and Events - April 2021 / Kompetisies en Gebeure - April 2021 (UTC Times)

01	SARL 80m QSO Party: 17h00Z - 20h00Z
03 - 04	SP DX Contest: 15h00Z - 15h00Z
06	Worldwide Sideband Activity Contest: 01h00Z - 01h59Z
10 - 11	JIDX CW Contest: 07h00Z - 13h00Z
10 - 11	Yuri Gagarin International DX Contest: 21h00Z - 21h00Z
11	Hungarian Straight Key Contest: 15h00Z - 16h00Z
12	RSGB 80m Club Championship, CW: 19h00Z - 20h30Z
13	Worldwide Sideband Activity Contest: 01h00Z - 01h59Z
16 - 17	Holyland DX Contest: 21h00Z - 21h00Z
16 - 17	SARL National Convention
17 - 18	YU DX Contest: 07h00Z - 06h59Z
18	World Amateur Radio Day
20	Worldwide Sideband Activity Contest: 01h00Z - 01h59Z
24 - 25	10-10 International Spring Contest, Digital: 00h01Z - 23h59Z
24 - 25	SP DX RTTY Contest: 12h00Z - 12h00Z
24 - 25	Helvetia Contest: 13h00Z - 12h59Z
25	International Vintage Contest, HF: 12h00Z - 18h00Z
27	Worldwide Sideband Activity Contest: 01h00Z - 01h59Z
29	RSGB 80m Club Championship, Data: 19h00Z - 20h30Z

The Pretoria Amateur Radio Club does not accept responsibility for the accuracy of contest details listed above. For verification and more information, please visit the SARL website, www.sarl.org.za, as well as the WA7BNM international contest calendar at the following website: <http://hornucopia.com>



Pretoria Amateur Radio Klub nooi graag almal wat belangstel om aan plaaslike kompetisies deel te neem om vir Albert Schreuder ZS6SE (Komiteelid) en Gerrie Leonard ZS6GTK (Gekoopteerde Lid) te kontak om uit te vind hoe om betrokke te raak.

Pretoria Amateur Radio Club invites all who are interested to participate in local contests, to contact Albert Schreuder ZS6SE (Committee Member) and Gerrie Leonard ZS6GTK (Co-Opted Member) to obtain information on how to get involved.



PARK Snuffelmark : PARC Flea Market

Die Pretoria Amateur Radio Klub het hul eerste snuffelmark vir 2021 gehou op Saterdag, die 6^{de} Februarie by die gebruiklike Pretoria Ou Motorklub. Om te voldoen aan die covid regulasies is alle besoekers se name op 'n register aangeteken, en die nodige temperatuur lesings en sanitering toegepas. Buiten die weer omstandighede was die bywoning steeds bevredigend en PARK badank almal wat die snuffelmark bygewoon het en hulle ware te koop aangebied het.

Graag wil PARK vir Alméro Du Pisani ZS6LDP bedank vir sy harde werk en reëlings met die snuffelmark. Johan ZS6JHB, Corrie en seun Franco word van harte bedank vir hul waardevolle bydraes met die braai van wors en verkope van worsrolletjies tydens die geleentheid. Onder verskeie fotos tydens die geleentheid.





Hans Kappetijn ZS6KR by sy tafel met 'n wye reeks van items en komponente te koop



Alméro Du Pisani het namens Ralf Gebert verskeie items te koop, asook per veiling aangebied wat vanuit die QTH van sy oorlede vader gekom het. Helfte van die inkomste is aan PARK geskenk. Baie dankie aan Ralf vir die gewaardeerde gebaar.

Contesting on the Higher Bands: Nickus de Vos ZS6US (Ex ZS6J)

I have a keen interest in almost all aspects of contesting and this includes VHF and UHF.

At this stage my station isn't quite ready for serious contesting on the 6m, 2m and 70cm bands, but with the SARL VHF/UHF FM contest approaching, I thought to anyway give it a go and have some fun on the bands.

The SARL VHF/UHF FM contest is meant to be a fun activity to introduce more amateurs to the VHF/UHF bands, without even realizing it, so many amateurs have all the necessary equipment to be active on VHF/UHF FM, but they never venture from the repeaters over to simplex.

You don't need a super-station with big antennas at all, for this contest I used a little Comet GP-1 dual band vertical antenna 8 meters off the ground with my trusty Kenwood TS-2000X which gives me 100W on 2m and 50W on 70cm. For 6m I used 100W in to a 2-element hex beam.

With this setup I was able to make over 50 contacts in the contest which is quite a lot for a VHF/UHF contest in ZS, my furthest contact being over 80 km away.

The contest committee were quite surprised with the contest turnout, over 30 log entries was received which was a record for this contest. In analyzing the log-entries they unfortunately once again found that VHF/UHF activity in the Pretoria area is quite low compared to Johannesburg and other areas in Gauteng. This was also one of the reasons why I chose to use the ZS6PTA club call sign in this contest, to try build some contesting interest in PARC and the greater Pretoria area.

My hope is that we can put together a multi operator club team for the next round of this contest.

I entered the contest not really expecting much due to my average station, but as per my competitive nature, I gave it my best shot and the results really surprised me.

These types of contests are a lot of fun and a great introduction to VHF/UHF contesting, my results show that you don't need a big station to have fun and be competitive on the bands.

Should anyone want more info on VHF/UHF activity and contesting, you are most welcome to contact me.



Long Term HF Propagation for March 2021: Courtesy Vincent Harrison ZS6BTY

The graph below shows the predicted F-layer Maximum Usable Frequency (MUF) for propagation from Pretoria^[1] using monthly sunspot numbers from SILSO^[2].

Local Propagation (up to 500 km): The F or F2 critical frequency (f_oF_2) is the MUF for short range, near vertical incidence sky-wave (NVIS) propagation.

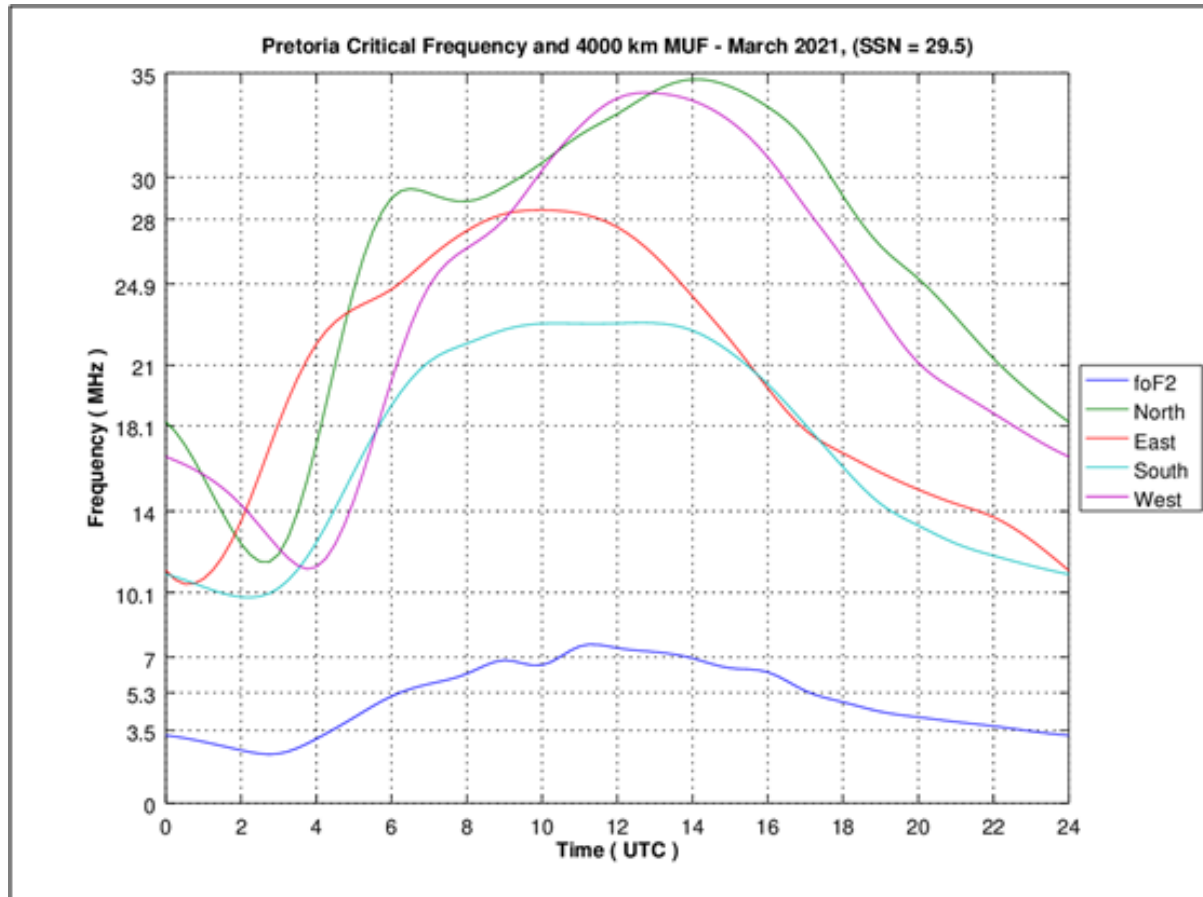
Long Distance Propagation: The MUF for a first hop of 4000 km in the cardinal directions is labeled North, East, South and West. They indicate the direction that propagation may be expected.

Worldwide Propagation Maps: <http://www.parc.org.za/index.php?page=propagation>

"Prediction is difficult, especially when dealing with the future". . . Danish Proverb. 73 Vincent, ZS6BTY

^[1]FTZMUF2: A simple method of estimating the ionospheric parameters of f_oF_2 and M(3000) with the aid of a home computer - Thomas Damboldt and Peter Stüßmann, Deutsche Bundespost, December 1988.

^[2] Silso 12-month forecasts of the monthly sunspot number (<http://sidc.oma.be/silso/FORECASTS/prediML.txt>)



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

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