



# WATTS 2021-02

Year 91 + 02m

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

**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 vind eerskomende Saterdag, die 6<sup>de</sup> Februarie plaas by die Pretoria Ou Motor Klub vanaf 10h00.*

*Vir meer inligting raadpleeg Bladsy 3.*

*The first Flea Market of the Pretoria Amateur Radio Club for 2021 will take place this coming Saturday, the 6<sup>th</sup> of February at the Pretoria Old Motor Club from 10h00.*

*For more information consult Page 3.*

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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 4<sup>th</sup> of February 2021 by Zoom invitation**

## Birthdays and Anniversaries / Verjaarsdae en Huweliks Herdenkings

### Member's Birthdays February 2021 / Lede Verjaarsdae Februarie 2021

02 John Minter ZS6LED  
03 Willie Greyling ZR6WGR (50)  
04 Louis de Wet ZS6SK  
09 Kenny Martin ZS6KMM (80)

16 De Jager Burger ZS6ZO  
21 Nickus de Vos ZS6J  
23 Pete Smith-Curren ZS6PJ  
28 Basie du Plessis ZR2BA

### Spouse's February 2021 / Gades Februarie 2021

05 Nicolene, gade van Neels Heydenrich ZS4CFH  
10 Paddy, gade van Kenny Martin ZS6KMM  
23 Erika, gade van Pine Pienaar ZS6OB  
28 Connie, gade van Jacques Snyman ZS6QS

### Anniversaries Feb 2021 / Herdenkings Feb 2021

03 Heather and Vincent Harrison ZS6BTY  
07 Juanita en Ryan Gibson ZS6GGR  
16 Dienkie en Pierre Britz ZR6ADZ  
21 Sandy ZS6ICE en Menno Havelaar ZS6AGC  
27 Paddy en Kenny Martin ZS6KMM  
27 Zelda en Wynand Wessels ZR6WW  
28 Martie en Jurgen de Beer ZR6YV (Erelid)

### 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 Stuivenberg 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

## Joys and Sorrows / Lief en Leed

**Dit is met leedwese dat ons verneem het van die afsterwe van Hansie Meyer ZS6AIK. Hansie is gebore op 7 Desember 1935, en het op 30 November 1959 by PARC aangesluit. Hansie was baie bedrywling met radio kommunikasie tydens tydenne en die Rapport fietstoer.**



## 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 | <b>Ordinary Members / Gewone Lede : R160<br/>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      |   |  |

**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 oorpasing 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 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 438.825 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 - May 2021

| Date             | Presenter               | Date          | Presenter               |
|------------------|-------------------------|---------------|-------------------------|
| 7 February 2021  | Louis de Wet ZS6SK      | 28 March 2021 | Johan de Bruyn ZS6JHB   |
| 14 February 2021 | Albert Schreuder ZS6SE  | 4 April 2021  | Louis de Wet ZS6SK      |
| 21 February 2021 | Alméro Du Pisani ZS6LDP | 11 April 2021 | Albert Schreuder ZS6SE  |
| 28 February 2021 | Johan de Bruyn ZS6JHB   | 18 April 2021 | Alméro Du Pisani ZS6LDP |
| 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  |

## **FLEA MARKET DATES / SNUFFELMARK DATUMS**

**PARC / PARK: 6 February ; 27 March ; 31 July ; 4 December**

**East Rand: 16 June ; 30 October**

**West Rand: 27 February ; 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 - February 2021 / Kompetisies en Gebeure - Februarie 2021 (UTC Times) |   |
|---|---|
| 01  | RSGB 80m Club Championship, SSB: 20h00Z - 21h30Z                    |
| 02  | Worldwide Sideband Activity Contest: 01h00Z - 01h59Z                |
| 03  | UKEICC 80m Contest: 20h00Z - 21h00Z                                 |
| <b>06</b>   | <b>Pretoria Amateur Radio Club Flea Market: 10h00 - 13h00</b>       |
| 06 - 07   | 10-10 International Winter Contest, SSB: 00h01Z - 23h59Z            |
| 06 - 07   | Mexico RTTY International Contest: 12h00Z - 23h59Z                  |
| 06 - 07   | North American Sprint, CW: 23h00Z - 03h00Z                          |
| 10  | RSGB 80m Club Championship, Data: 20h00Z - 21h30Z                   |
| 13  | RSGB 1.8 MHz Contest: 19h00Z - 23h00Z                               |
| <b>13 - 14</b>  | <b>SARL Field Day Contest: 10h00Z - 10h00Z</b>                      |
| 13 - 14   | CQ WW RTTY WPX Contest: 00h00Z - 23h59Z                             |
| 13 - 14   | Dutch PACC Contest: 12h00Z - 12h00Z                                 |
| 20-21   | ARRL International DX Contest, CW: 00h00Z - 24h00Z                  |
| 20 - 21   | Russian PSK Worldwide Contest: 12h00Z - 11h59Z                      |
| 23  | Worldwide Sideband Activity Contest: 01h00Z - 01h59Z                |
| 25  | RSGB 80m Club Championship, CW: 20h00Z - 21h30Z                     |
| 28 - 1/3  | Classic Exchange: 14h00Z - 08h00Z                                   |
| 2/3-3/3   | Classic Exchange: 14h00Z - 08h00Z                                   |
| 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                 |
| <b>07</b>   | <b>SARL Hamnet 40m Simulated Emergency Contest: 12h00Z - 14h00Z</b> |
| 09  | Worldwide Sideband Activity Contest: 01h00Z - 01h59Z                |
| 10  | RSGB 80m Club Championship, CW: 20h00Z - 21h30Z                     |
| <b>13</b>   | <b>SARL VHF/UHF Analog Contest: 05h00Z - 07h00 (6m)</b>             |
| <b>13</b>   | <b>SARL VHF/UHF Analog Contest: 07h00Z - 09h00 (2m)</b>             |
| <b>13</b>   | <b>SARL VHF/UHF Analog Contest: 09h00Z - 11h00 (70cm)</b>           |
| <b>14</b>   | <b>SARL VHF/UHF Analog Contest: 05h00Z - 07h00 (6m)</b>             |
| <b>14</b>   | <b>SARL VHF/UHF Analog Contest: 07h00Z - 09h00 (2m)</b>             |
| <b>14</b>   | <b>SARL VHF/UHF Analog Contest: 09h00Z - 11h00 (70cm)</b>           |
| 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                                 |

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](http://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.



## Amateur Radio Licence Fees and Registration with ICASA

### SOUTH AFRICAN RADIO LEAGUE

The National Association for Amateur Radio in South Africa

#### Amateur Radio License increase

ICASA has informed the SARL that Amateur Radio Licenses will increase by 3,3%.

- 1 Year price was R 154.00 now R 159.00
- 2 Year price was R 294.00 now R 304.00
- 3 Year price was R 422.00 now R 436.00
- 4 Year price was R 537.00 now R 555.00
- 5 Year price was R 642.00 now R 663.00

#### Read the following very carefully.

ICASA has implemented a new system which requires all licensees to register on the new system as a user. Thereafter they should create their legal entity which will be approved by the Authority. To create a legal entity the user will require a copy of the ID document. If you have the new ID card both sides are required. A valid e-mail address and personal details must be captured.

Every licensee, who is not yet licensed on the new system, will have to submit a legacy license amendment application to transfer the license to the new system.

The Authority will soon send out notices to licensees about the process and guidelines how to register on the system and how to submit a legacy license amendment.

Licensees can also already pay the license fee via EFT and attach the proof of payment to the application when renewal is done on the system. Payment alone will not renew the license. A new license is only issued once the registration on the new system is completed and the legacy license amendment has been submitted.

The SARL will publish the detailed step by step instructions once they have been received from ICASA.

Renewals for licenses that were applied for and issued on the new online system will be done on the same system. The Authority will issue notices via email soon where after the user must click on the renewal button in the Manage page to renew.

#### Bank details are as follows

NEDBANK Account number: 14 62 00 29 27, Branch Code: 146245 - Corporate Client Services – Pretoria and in the reference field type in your **license number and call sign**.

DO NOT pay the ICASA license fee into the SARL bank account, all moneys wrongfully paid into the SARL account will be refunded less the bank charges associated with these transactions.

**The SARL will publish the detailed guidelines of how to use the new ICASA systems as soon as it has been received from ICASA.**

#### Amateur Radio Lisensie Verhoging

OKOSA het die SARL meegedeel dat amateur radio lisensies met 3,3% sal toeneem.

- 1 Jaar prys was R 154,00 nou R 159,00
- 2 Jaar prys was R 294,00 nou R 304,00
- 3 Jaar prys was R 422,00 nou R 436,00
- 4 Jaar prys was R 537,00 nou R 555,00
- 5 Jaar prys was R 642,00 nou R 663,00

**Lees die volgende aandagtig deur.**

OKOSA het 'n nuwe stelsel geïmplementeer wat vereis dat alle lisensiehouers as gebruiker op die nuwe stelsel moet registreer. Daarna moet hulle hul regs persoon skep wat deur die Owerheid goedgekeur sal word. Om 'n regs persoon te skep, sal die gebruiker 'n afskrif van die ID-dokument benodig. As jy die nuwe ID-kaart het, is beide kante nodig. 'n Geldige e-posadres en persoonlike besonderhede moet vasgelê word.

Elke lisensiehouer, wat nog nie op die nuwe stelsel gelisensieer is nie, moet 'n aansoek om 'n wesenlike lisensie wysiging indien om die lisensie na die nuwe stelsel oor te dra.

Die Owerheid sal binnekort kennisgewings aan lisensiehouers uitstuur oor die proses en riglyne oor hoe om op die stelsel te registreer en hoe om 'n wettige lisensie wysiging in te dien.

Lisensiehouers kan ook reeds die lisensiegeld via EFT betaal en die bewys van betaling aan die aansoek heg as die stelsel hernu word. Betaling alleen hernu nie die lisensie nie. 'n Nuwe lisensie word eers uitgereik sodra die registrasie op die nuwe stelsel voltooi is en die wettige lisensie wysiging ingedien is.

Die SARL sal die gedetailleerde instruksies stapsgewys publiseer sodra dit van ICASA ontvang is.

Hernuwings vir lisensies waarvoor aansoek gedoen is en wat op die nuwe aanlynstelsel uitgereik word, sal op dieselfde stelsel gedoen word. Die Owerheid sal binnekort kennisgewings per e-pos uitreik, waarna die gebruiker op die knoppie hernuwing op die Bestuur-bladsy moet klik om te hernu.

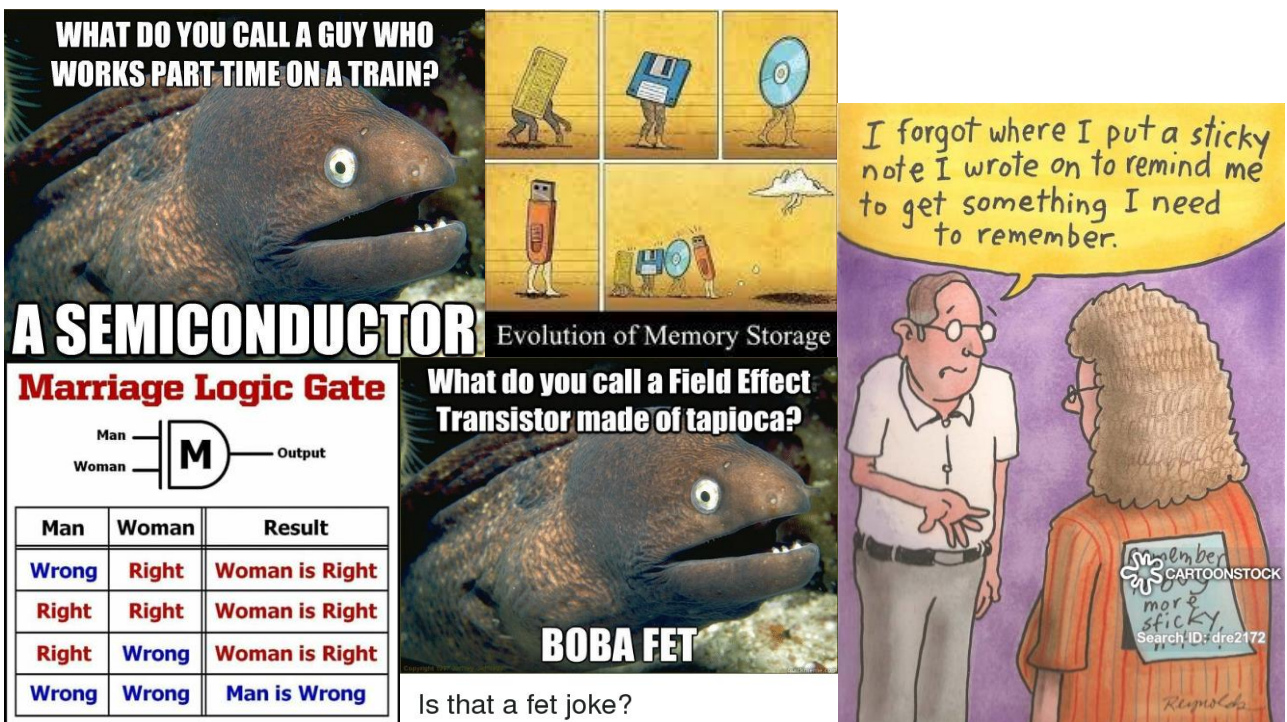
**Bankbesonderhede is soos volg**

NEDBANK Rekeningnommer: 14 62 00 29 27, Takkode: 146245 - Korporatiewe kliëntediens - Pretoria en tik jou **lisensienommer en roepsein** in die verwysingsveld.

MOENIE die OKOSA-lisensiegeld in die SARL-bankrekening betaal nie, alle geld wat verkeerdlik in die SARL-rekening betaal is, word terug betaal minus die bankkoste verbonde aan hierdie transaksies.

**Die SARL sal die gedetailleerde riglyne publiseer oor die gebruik van die nuwe OKOSA-stelsels sodra dit van OKOSA ontvang is.**

Dennis Green, ZS4BS SARL Secretary [secretary@sarl.org.za](mailto:secretary@sarl.org.za)



## Long Term HF Propagation for February 2021: Courtesy Vincent Harrison ZS6BTY

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

**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.

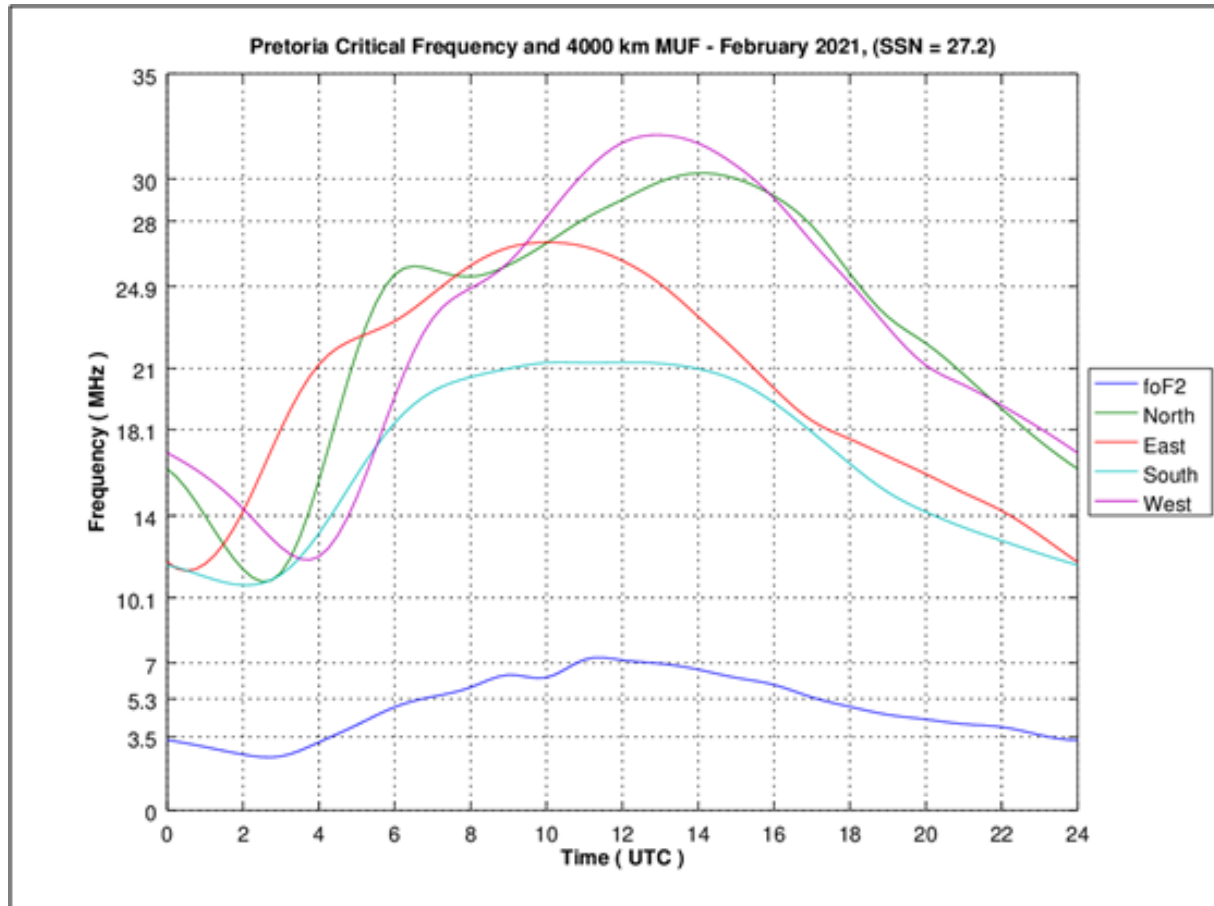
**Long Distance Propagation:** The MUF for a first hop of 4000 km in the cardinal directions is labeled North, East, South and West. They indicate the direction that propagation may be expected.

**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*

<sup>[1]</sup>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.

<sup>[2]</sup> 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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- Valuation of ham estates and their disposal.

### Products:

- Legal limit 40m dipole traps
- Linear power supply O.V. protection kits
- 13,8V 45A DC switching supplies
- 30A DC Anderson Power Poles
- Connectors RF and Audio
- Plug-in triple sequential industrial timers

**Contact Hans at 012-333-2612 or 072-204-3991**