



WATTS 2023-07

Year 93 + 07m

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



Alméro Du Pisani ZS6LDP fulfilled one of his dreams by attending the 2023 Dayton Hamfest in the USA. Alméro is accompanied by Michael Kalter W8CI, who is the treasurer of the Dayton Amateur Radio Association, and the CFO of the Dayton Hamvention. More on pages 6-13.

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PARC Committee Meeting /
PARK Komitee Vergadering

**The next Meeting for the
2023 PARC Committee will
take place in July 2023. The
date will be announced to
Members.**

Birthdays and Anniversaries / Verjaarsdae en Huweliks Herdenkings

Member's Birthdays July 2023 / Lede Verjaarsdae Julie 2023

06 Helen Newton ZR6HN
13 Braam Devenier ZS6AYE
13 Pieter Human ZS6PA
17 Jan (Pine) Pienaar ZS6OB
19 Theo Bresler ZS6TVB

20 Roy Newton ZS6XN
26 Frank Schneider ZS6GE
29 Iain McAllister ZS5IE
30 Dawid Jansen van Rensburg ZS6VS

Spouse's July 2023 / Julie 2023

01 Avida, gade van Theo Bresler ZS6TVB
12 Sharmaine, gade van Louis de Wet ZS6SK
12 Latacha, gade van Zack Pienaar ZR6ZAK
17 Judy, spouse of David Botha ZS6O
17 Jacqueline, gade van Jacques Coetzee ZS6RFJ
22 Ria, spouse of Pete Smith-Curren ZS6PJ

Anniversaries July 2023 / Herdenkings Julie 2022

21 Tania en Andries Lombard ZS6ABL
26 Antoinette ZS6D en Danny Liebenberg
26 Danny ZS6AW en Antoinette Liebenberg

Member's Birthdays August 2023 / Lede Verjaarsdae Augustus 2023

01 Rita Schroder ZS6SLR
03 Paul Sterling ZS6BMF
05 Hans Gürtel ZR6HVG
07 Whitey Joubert ZS6JJJ

08 Raymond de Wet ZS6ALG
08 Tobie Jansen van Rensburg ZS6ZX
11 Andries Lombard ZS6ABL
25 Doppies van der Hoven ZS6BAQ

Spouse's August 2023 / Gades Augustus 2023

09 Helga, gade van Hans-Peter Knoepfler ZS6AJS
24 Riana, gade van Leon Fouche ZS6ELF

Anniversaries August 2023 Herdenkings Augustus 2023

07 Peggy and Ed Willers ZS6UT
12 Geraldine en Jurie Ferreira ZS6JFE
29 Joydene en Albert Schreuder ZS6SE

PARC Committee Members : 2023 / PARK Komiteelede : 2023

Name & Callsign	Portfolio/s	Email Address	Tel No	Mobile No
Louis de Wet ZS6SK	Chairman, Watts, SARL & ICASA	louis.zs6sk@gmail.com	012-349-1044	072-140-9893
Irene Myburgh ZS6IEA	Vice Chair, Secretary & SARL Bulletins	irene.myburgh@outlook.com	012-304-5109	082-462-6001
Johan de Bruyn ZS6JHB	Repeaters & Membership	zs6jhb@gmail.com	012-803-9418	079-333-4107
Graham Reid ZS6GJR	Rallies, Treasurer, Website	greid@wol.co.za	012-667-2720	083-701-0511

PARC Co-opted Members : 2023 / PARK Ge-koopteerde Lede : 2023

Name & Callsign	Portfolio/s	Email Address	Tel No	Mobile No
Almero Du Pisani ZS6LDP (Hon.)	Flea-markets, SARL Bulletins	almero.dupisani@up.ac.za	012-420-3779	083-938-8955
Hans Kappetijn ZS6KR (Hon.)	SARL Bulletins, Swop Shop	QRVservices@gmail.com	012-333-2612	072-204-3991
John Minter ZS6LED	RAE Training, Technical	john.minter.za@gmail.com	012-349-0019	083-291-5422
Albert Schreuder ZS6SE	Auditor & Taxation	albert.schreuder.za@gmail.com	012-361-6133	082-562-3825
Pieter Myburgh ZS6PAM	Repeaters	wooden@mweb.co.za		076-140-7562

Email Distribution of Watts / Epos verspreiding van Watts

Pretoria Amateur Radio Club sincerely thanks Vincent Harrison ZS6BTY who has distributed Watts in the past. Irene Myburgh ZS6IEA has kindly offered to take over this function. Watts will be distributed from April 2023 to the current recipients on the list. If you would like your name to be placed on the email list, please contact Irene at irene.myburgh@outlook.com or at 084-544-0618

PARC Membership Fees / PARK Ledegelde

PARC SUBS : PARK LEDEGELD : FROM / VANAF : 2022-10-29

Bank	First National Bank	Ordinary Members / Gewone Lede : R160 Spouses and 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 Sunday Bulletins / PARK Sondag 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 438.825 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 Schedule / PARK Bulletin Aanbieders Skedule

PARC Bulletin Presenters: July 2023 – September 2023

Date	Presenter	Date	Presenter
09 July 2023	Alméro Du Pisani ZS6LDP	20 August 2023	Alméro Du Pisani ZS6LDP
16 July 2023	Louis de Wet ZS6SK	27 August 2023	Louis de Wet ZS6SK
23 July 2023	Johan de Bruyn ZS6JHB	03 September 2023	Johan de Bruyn ZS6JHB
30 July 2023	Alméro Du Pisani ZS6LDP	10 September 2023	Alméro Du Pisani ZS6LDP
06 August 2023	Louis de Wet ZS6SK	17 September 2023	Louis de Wet ZS6SK
13 August 2023	Johan de Bruyn ZS6JHB	24 September 2023	Johan de Bruyn ZS6JHB

Joys and Sorrows / Lief en Leed

Johan de Bruyn ZS6JHB het ekstensiewe behandeling en operasies ontvang die afgelope maand om bloedklonte uit sy bene te verwyder en om hom te stabiliseer. Hy is onlangs ontslaan, maar moet hierdie week teruggaan vir wondbehandeling. PARK wens hiermee Johan spoedige herstel.



Dit is met leedwese dat ons verneem het van die afsterwe van Marten du Preez ZS6ZY. Oom Marten was alombekend en baie van die lede van PARK het gereeld met hom gesels. Marten was 'n stigterslid van Tak Noord Transvaal in 1964, wat toe later die Magalies Radio Amateurklub geword het. Marten, was altyd ernstig was om korrekte Afrikaans te gebruik, was die voorloper om die amateur radio handbook van Engels na Afrikaans te vertaal. Hy het klasse aangebied vir voornemende radio amateur kandidate by HTS John Vorster. Sterkte aan Felix en gesin met die heengaan van julle vader, skoonpa en oupa. Johann du Plessis ZS6PSS

Diary of Contests & Events / Dagboek van Kompetisies en Gebeure

Contests and Events - July 2023 / Kompetisies en Gebeure - Julie 2023 (UTC Times)	
01	RAC Canada Day Contest: 0000Z - 2359Z
01	Pretoria Amateur Radio Club Flea Market
01 - 02	DL-DX RTTY Contest: 1100Z - 1059Z
01 - 02	Marconi Memorial HF Contest: 1400Z - 1400Z
08 - 09	IARU HF World Championship: 1200Z - 1200Z
11	SARL Council Meeting
15	Winter QRP Contest
15	Antique Wireless Association Open Day: 0930Z - 1400Z: www.awasa.org.za
16	ZS2 QSO Party
15 - 16	CQ Worldwide VHF Contest: 1800Z - 2100Z
22	SARL 40m Club Contest
29 - 30	RSGB Islands on the Air Contest: 1200Z - 1200Z
Contests and Events - August 2023 / Kompetisies en Gebeure - Augustus 2023 (UTC Times)	
05 - 06	10-10 International Summer Contest, SSB: 0001Z - 2359Z
05	European HF Championship: 1200Z - 2359Z
05 - 06	North American QSO Party, CW: 1800Z - 0600Z
06	SARL HF Phone Contest: 1300Z - 1630Z: www.sarl.org.za
09	National Women's Day; SARL YL QSO Party: www.sarl.org.za
12	SARL Youth QSO Party: www.sarl.org.za
13	SARL HF Digital Contest: www.sarl.org.za
12 - 13	WAE DX Contest, CW: 0000Z - 2359Z
16	SARL 80m Club Contest: www.sarl.org.za
19	Antique Wireless Association Open Day: 0930Z - 1400Z: www.awasa.org.za
19 - 20	International Lighthouse / Lightship Weekend: 0001Z - 2400Z
19 - 20	SARTG WW RTTY Contest: 00h00Z - 16h00Z
19 - 20	North American QSO Party, SSB: 1800Z - 0600Z
19 - 20	CVA DX Contest, CW: 2100Z - 2100Z
26 - 27	YO DX HF Contest: 1200Z - 1200Z
26 - 27	World Wide Digi DX Contest: 1200Z - 1200Z
26 - 27	CVA DX Contest, CW: 2100Z - 2100Z
27	SARL HF CW Contest: 1400Z - 1600Z
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	



The Antique Wireless Association of South Africa in conjunction with the South African Institute of Electrical Engineers is going to be holding an open day once a month at the grounds of the SAIEE.

The museum will be open for viewing, and the SAIEE shack will be operational. Refreshments and boerewors rolls will be available. A boot sale will take place. Please bring your own table along.

Times will be from 09:30 to 14:00. The address is 18a Gill Street, Observatory, Johannesburg.

Please do contact Andy Cairns ZS6ADY at 082-448-4368 or andyzs6ady@gmail.com for more information, or visit the AWA website at <http://www.awasa.org.za/> .

Snuffelmark Datums 2023 / Dates of Flea Markets 2023

Flea Market dates for the Pretoria, West-Rand and East-Rand Amateur Radio Clubs for 2023 are listed below. Please contact Alméro Du Pisani ZS6LDP for more information.

PRETORIA AMATEUR RADIO CLUB

DATE: 07 October; 02 December
DATUM: 07 Oktober; 02 Desember

CONTACT PERSON: Alméro Du Pisani (T) 083-938-8955 (E) almero.dupisani@up.ac.za



WEST-RAND AMATEUR RADIO CLUB

DATE: 28 August; 04 November
DATUM: 28 Augustus; 04 November

CONTACT PERSON: Phillip van Tonder (T) 083-267-3835 (E) zs6pvt@gmail.com



EAST-RAND AMATEUR RADIO CLUB

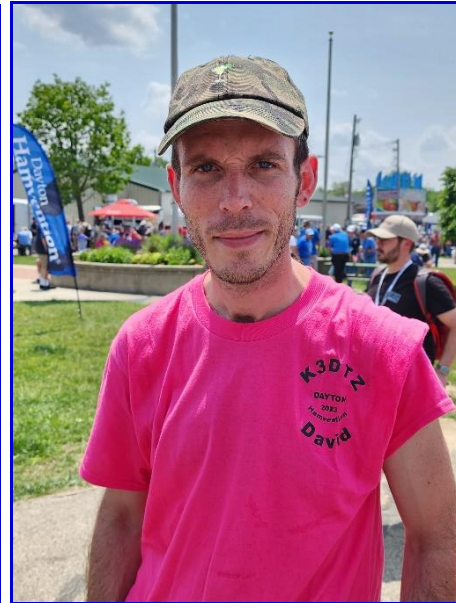
DATES: To follow
DATUMS: Sal volg

CONTACT PERSON: Judy Pretorius (T) 064-543-7252 (E) zs6erb@gmail.com

Alméro Du Pisani ZS6LDP attending the Dayton Hamvention, USA

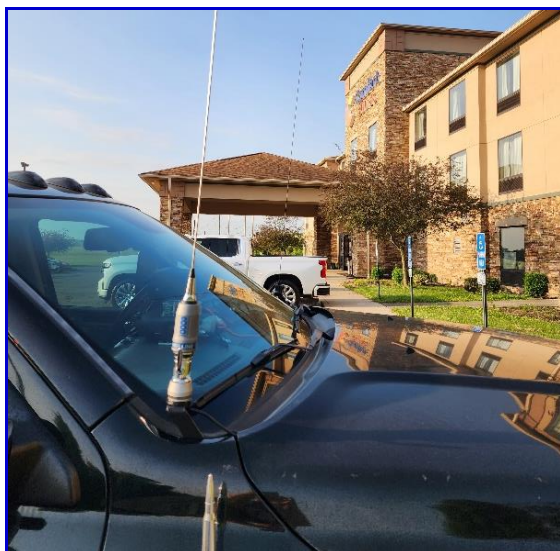
Dayton Hamvention 19-21 May 2023 by Almero du Pisani ZS6LDP/AC2NN

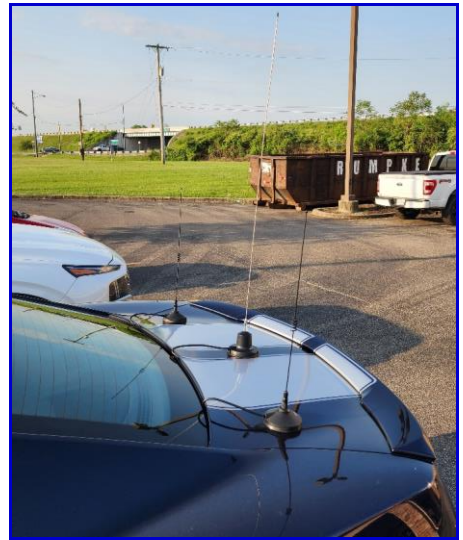
I had the opportunity to combine a business trip with a visit to the Dayton Hamvention from 19-21 May 2023. The journey began on Wednesday, May 17th with a 16 hour and 35-minute flight to Atlanta, followed by a connecting flight to Dayton, which took a further 1,5 hours. While on the flight from Atlanta to Dayton, I noticed a fellow ham and his son who were also headed to the Hamvention in Dayton. Upon landing, I introduced myself and learned that they were Bill WA2NCH, and his son David K3DTZ from Florida. They had been attending the Dayton Hamvention every year and, in true ham spirit, offered to take me to my hotel with their rental car. During all three days of the Hamvention, they picked me up and dropped me off at my hotel, and we spent most of our time together at the Hamvention 2023. We parked every day at the Xenia High School parking area and used school buses to travel the 30 minutes to the Hamvention.



Over 31,000 people attended the Hamvention over the course of the three days, and there were more than 500 sellers at the flea market area. All major vendors such as Icom, Kenwood, Alinco, and others exhibited in four large halls. It was an overwhelming experience, and I enjoyed every moment. I am glad that I could cross this item off my bucket list.

Below are some pictures taken at the Hamvention:

















73 de ZS6LDP / AC2NN

Pretoria Amateur Radio Klub Snuffelmark Nuus

Die derde PARK snuffelmark vir 2023 het plaasgevind op die 1^{ste} Julie by die Pretoria Ou Motorklub oudergewoonte. Die sonskyn weer was aangenaam en het gesorg vir 'n goeie opkoms. Graag wil PARK vir Alméro Du Pisani ZS6LDP bedank vir die voortreflike reëlings met elke snuffelmark, en Louis de Wet ZS6SK vir die verkoop van worsrolle en koffie. Op die volgende twee bladsye is fotos van die afgelope snuffelmark.



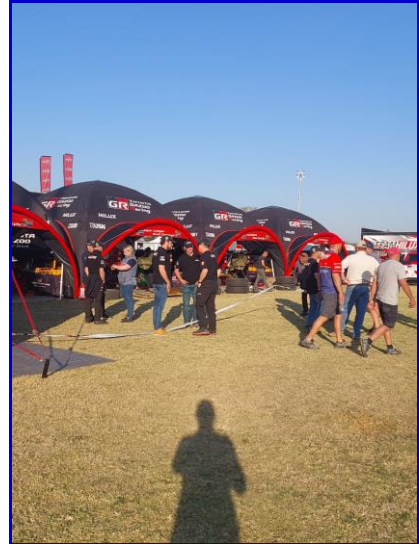
Die volgende PARK snuffelmark is op die 1^{ste} Julie 2023. Graag nooi ons lede en ondersteuners uit om die oggend by te woon, 'n worsrol of twee te geniet en lekker radios en toerusting te koop! Vir meer inligting en bespreking van 'n tafel/s, kontak gerus vir Alméro Du Pisani ZS6LDP by almero.dupisani@up.ac.za of 083-938-8955.



PARK Tydren Nuus / PARC Rally News

Die Desert tydren het op 26-27 Junie 2023 in Botswana plaasgevind. Spanne van PARK het radio ondersteuningsdiens verrig by die onderskeie trajekte. Ons het 'n verskeidenheid fotos ontvang wat geneem is deur Irene Myburgh ZS6IEA en Sarina Greyling. Op die volgende paar bladsye word fotos aangebied vir u genot.





Motor and 4x4 Rallies Dates of Events: 2023
Motor en 4x4Tydren Datums: 2023



2023 National Rally Calendar

CAPE OVERBERG RALLY	28/29 APR	BREDASDORP	WC
LAKE UMUZI RALLY	26/27 MAY	SECUNDA	MP
ALGOA RALLY	7/8 JUL	GQEERHA	EC
TZANEEN RALLY	25/26 AUG	TZANEEN	LP
DELMAS RALLY	20/21 OCT	DELMAS	MP
TRAC RALLY	17/18 NOV	DULLSTROOM	MP




2023 CALENDAR

Round 1	18 February	WEIVELD 300 Parys, Free State
Round 2	11 March	STELLA 300 Stella, North West
Round 3	28 – 29 April	BARBERSPAN MARATHON Mareetsane, North West
Round 4	10 June	VRYBURG 300 TBC, North West
Round 5	2 September	MARIENDAL 300 Kroonstad, Free State
Round 6	28 October	KAMEEL 300 Kameel, North West

[For More Rally information please contact the following Radio Marshalls:](#)

Graham Reid ZS6GJR at: 083-701-0511 or greid@wol.co.za

Irene Myburgh ZS6IEA at: 082-462-6001 or irene.myburgh@outlook.com

Johan de Bruyn ZS6 JHB at: 079-333-4107 or zs6jhb@gmail.com



2023 National Rally Championship

Round 1

24/25 February Bronkhorstspuit

Round 2

31 March/1 April Lowveld Rally

Round 3

26/27 May Kroonstad

Round 4

28/29 July Ermelo

Round 5

8/9 September Secunda

Round 6

3/4 November Pretoria

2023 Regional events will take place on the Saturday only

Championship Partners





2023 SA RALLY-RAID CALENDAR AS AT 30 NOVEMBER 2022

DATE	ROUND	VENUE
24 – 25 March	ONE	TBA
12 – 13 MAY	TWO	SUGARBELT KZN
23 – 25 JUNE	THREE	TBA
18 – 19 AUGUST	FOUR / FIVE	TBA
6 – 7 OCTOBER	SIX	TBA
10 – 11 NOVEMBER	SEVEN	TBA

RALLY
NORTHERN REGIONS

**Northern Regional
Rally Round 1**

11 March 2023

Location: Willem Prinsloo Agricultural Museum,
R104 Old Bronkhorstspuit Road, Rayton, Cullinan, 1000

SHIELD since 1964 FISA AUTOMOTIVE SERVICE BRAIN TELECOMS ATS MOTORSPORT

Long Term HF Propagation for July 2023: 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.

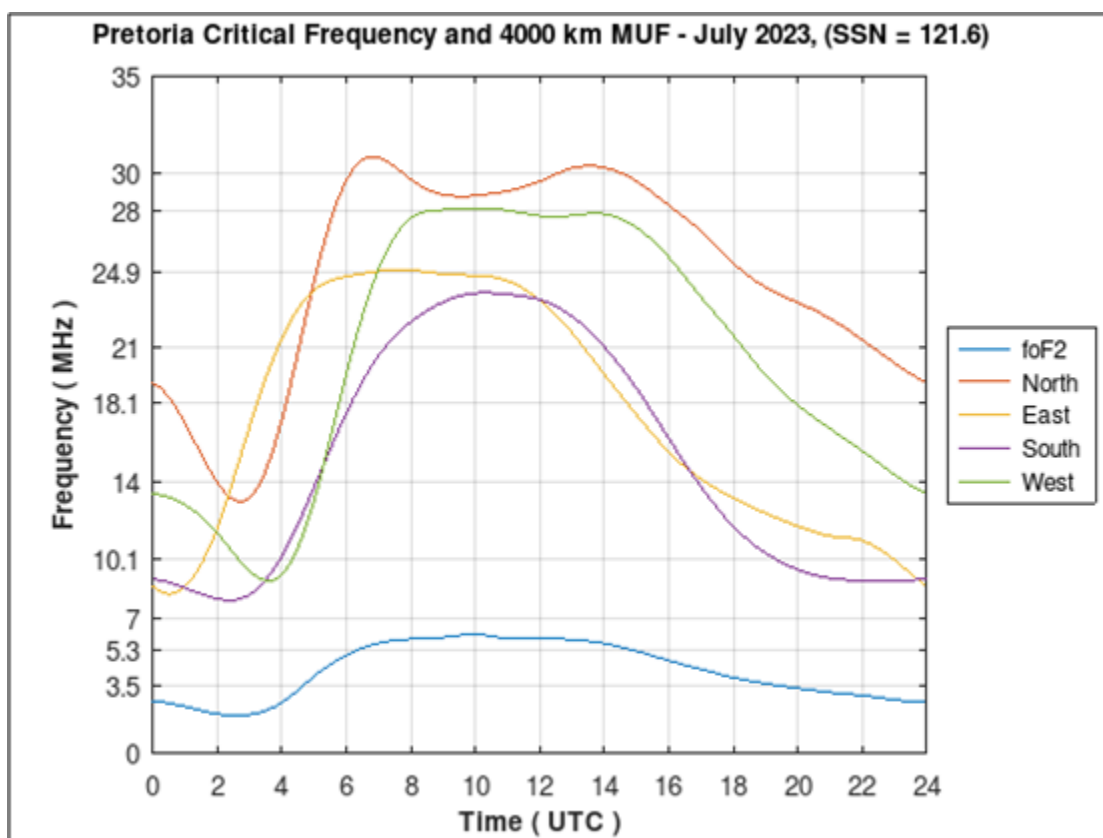
Long Distance Propagation: The MUF for a first hop of 4000 km in the cardinal directions is labeled North, East, South and West. They indicate the direction that propagation may be expected.

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 Süßmann, 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]

ICOM HAMSHACK [PTA]

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- MFJ 259/69 Analyzer repairs and calibration
- Ham radio and solid-state amplifier repairs
- 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