



WATTS 2024-06

Year 94 + 06

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 / 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

Swoopshop : 2m and 7.066 MHz live on-air after bulletins

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



SARL National Convention: SARL President Nico van Rensburg ZS6QL and SARL Secretary Dennis Green ZS4BS

The 2024 SARL National Convention was held in Cape Town from the 19th to the 21st of April .
Louis de Wet ZS6SK attended the event and reports back on pages 8-9.

In This Issue / In Hierdie Uitgawe

Birthdays / Verjaarsdae ; Lief & Leed / Joys & Sorrows.....	p 2
Bulletin Roster and Bootsale Dates 2024.....	p 3
Dagboek van Kompetisies / Diary of Contests.....	p 4
Joys and Sorrows / Lief en Leed.....	p 5
DX and IOTA News.....	p 6-7
Report back: SARL National Convention.....	p 8-9
PARK Snuffelmark / PARC Bootsale.....	P 10
SAIEE / AWASA Museum activities.....	P11-12
Preliminary Motor Rally Dates for 2024.....	P 13
HF Propagation and Advertisement.....	p 14

PARC Committee Meeting /
PARK Komitee Vergadering

**The next Meeting for the
2024 PARC Committee will
take at the Waterlab Offices.
The date will be announced
to Committee Members.**

Birthdays and Wedding Anniversaries / Verjaarsdae en Huweliks Herdenkings

Member's Birthdays June 2024 / Lede Verjaarsdae Junie 2024

04 Rivac Alberts RIVAC
07 Chris Oosthuyse ZS6OC
16 Ebe Terzakis ZR6EBE
19 Fanus Ferreira ZS6BUH
21 Marc Vanoverbeke ZS6ON
22 Dylan Foord ZS6TDK
22 Richard Peer ZS6UK

25 Janre Buys ZS6SI
26 Pieter Stronkhorst ZR6PSR
26 Jacques Coetzee ZS6RFJ
27 Leon Fouche ZS6LEF
27 Emil Bohme ZS6EGB (70)
30 Annelie van Niekerk ZS6AVN

Spouse's June 2024 / Gades Junie 2024

01 Fiona, gade van Etienne Naude ZS6EFN
16 Maritza, gade van Christoff Havenga APOLLO84
27 Selma, spouse of Joe Katzman ZS6TB

Wedding Anniversaries June 2024 Huweliks Herdenkings Junie 2024

None

Member's Birthdays July 2024 / Lede Verjaarsdae Julie 2024

04 Marjoke Schuitemaker ZS5V
05 John Olivier ZR6GV
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 (80)
29 Iain McAllister ZS5IE
30 Dawid Jansen van Rensburg ZS6VS

Spouse's July 2024 / Julie 2024

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

Wedding Anniversaries July 2024 / Huweliks Herdenkings Julie 2024

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

PARC Committee Members : 2024 / PARK Komiteelede : 2024

<u>Name & Callsign</u>	<u>Portfolio/s</u>	<u>Email Address</u>	<u>Tel No</u>	<u>Mobile No</u>
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
Graham Reid ZS6GJR	Rallies, Treasurer, Website	greid@wol.co.za	012-667-2720	083-701-0511

PARC Co-opted Members : 2024 / PARK Ge-koopteerde Lede : 2024

<u>Name & Callsign</u>	<u>Portfolio/s</u>	<u>Email Address</u>	<u>Tel No</u>	<u>Mobile No</u>
Alméro Du Pisani ZS6LDP (Hon.)	Flea-markets, SARL Bulletins	almero.dupisani@up.ac.za	012-420-3779	083-938-8955
Johan de Bruyn ZS6JHB	Repeaters & Membership	zs6jhb@gmail.com	012-803-9418	079-333-4107
John Minter ZS6LED	RAE Training, Technical	john.minter.za@gmail.com	012-349-0019	083-291-5422
Pieter Myburgh ZS6PAM	Repeaters	wooden@mweb.co.za		076-140-7562
Jaco Nieuwenhuis ZS6JLN	Repeater Maintenance	jaconieuwenhuis@gmail.com		073-185-4787

PARC Membership Fees / PARK Ledegelde

PARC SUBS : PARK LEDEGELD : FROM / VANAF : 2024-01-01

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 contribute 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 Pierre ZS6PS and Corlia ZS6CHS Smit and on Echolink by Johan Lehman ZS6JPL. A re-broadcast of the Bulletin is done the following Monday evening at 19h45 by Louis de Wet ZS6SK.

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 Pierre ZS6PS en Corlia ZS6CHS Smit, en op Echolink deur Johan Lehman ZS6JPL. 'n Heruitsending van die Bulletin geskied die opvolgende Maandag aand om 19h45, en word behartig deur Louis de Wet ZS6SK.

PARC Bulletin Presenters Schedule / PARK Bulletin Aanbieders Skedule

PARC Bulletin Presenters: June 2024 - August 2024			
Date	Presenter	Date	Presenter
02 June 2024	Louis de Wet ZS6SK	14 July 2024	Louis de Wet ZS6SK
09 June 2024	Alméro Du Pisani ZS6LDP	21 July 2024	Alméro Du Pisani ZS6LDP
16 June 2024	Louis de Wet ZS6SK	28 July 2024	Louis de Wet ZS6SK
23 June 2024	Alméro Du Pisani ZS6LDP	04 August 2024	Alméro Du Pisani ZS6LDP
30 June 2024	Louis de Wet ZS6SK	11 August 2024	Louis de Wet ZS6SK
07 July 2024	Alméro Du Pisani ZS6LDP	18 August 2024	Alméro Du Pisani ZS6LDP

PRETORIA AMATEUR RADIO CLUB PRETORIA AMATEUR RADIO KLUB

BOOT SALES FOR 2024 SNUFFELMARKTE VIR 2024

DATES: 06 July; 05 October; 07 December

DATUMS: 06 Julie; 05 Oktober; 07 Desember

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

Diary of Contests & Events / Dagboek van Kompetisies en Gebeure

Contests and Events - June 2024 / Kompetisies en Gebeure - Junie 2024 (UTC Times)	
01 - 02	10-10 International Open Season PSK Contest: 0000Z - 2400Z
01 - 02	IARU Region 1 Field Day, CW: 1500Z - 1459Z
04	Worldwide Sideband Activity Contest: 0100Z - 0159Z
06	NRAU 10m Activity Contest: 1800Z-1900Z (CW); 1900Z-2000Z (SSB); 2000Z-2100Z (FM); 2100Z-2200Z (Digital)
06 - 09	SARL Top Band QSO Party
08 - 09	GAWC WWSA CW DX Contest: 1500Z - 1500Z
08 - 09	REF DDFM 6m Contest: 1600Z - 1600Z
10	RSGB Club Championship, Data: 1900Z - 20230Z
11	Worldwide Sideband Activity Contest: 0100Z - 0159Z
12	VHF-UHF FT8 Activity Contest: 1700Z - 2100Z
15 - 16	All Asian DX Contest, CW: 0000Z - 2400Z
14 - 15	LZ International 6-Meter Contest: 1400Z - 1400Z
15 - 16	IARU Region 1 50MHz Contest: 1400Z - 1400Z
16	SARL Youth QSO Party: 1200Z - 1300Z
18	Worldwide Sideband Activity Contest: 0100Z - 0159Z
19	RSGB 80m Club Championship, CW: 1900Z - 2030Z
22 - 23	His Majesty King of Spain Contest, SSB: 1200Z - 1200Z
22 - 23	Ukrainian DX DIGI Contest: 1200Z - 1200Z
25	Worldwide Sideband Activity Contest: 0100Z - 0159Z
27	RSGB 80m Club Championship, SSB: 1900Z - 2030Z
Contests and Events - July 2024 / Kompetisies en Gebeure - Julie 2024 (UTC Times)	
01	RSGB 80m Club Championship, CW: 1900Z - 2030Z
02	Worldwide Sideband Activity Contest: 0100Z - 0159Z
04	NRAU 10m Activity Contest: 1800Z-1900Z (CW); 1900Z-2000Z (SSB); 2000Z-2100Z (FM); 2100Z-2200Z (Digital)
06	Pretoria Amateur Radio Club Flea market: 0900Z - 1300Z https://www.parc.org.za/
06	Newbie QSO Party: http://www.sarl.org.za/
06	ZS5 QSO Party http://www.sarl.org.za/
06 - 07	Marconi Memorial HF Contest: 1400Z - 1400Z
09	Worldwide Sideband Activity Contest: 0100Z - 0159Z
09 - 10	RSGB 80m Club Championship, SSB: 1900Z - 2030Z
13 - 14	IARU HF World Championship: 1200Z - 1200Z
16	Worldwide Sideband Activity Contest: 0100Z - 0159Z
20 - 21	IARU Region 1 70MHz Contest: 1400Z - 1400Z
20 - 21	CQ Worldwide VHF Contest: 1800Z - 2100Z
20	Winter QRP Contest: http://www.sarl.org.za/
21	ZS2 QSO Party http://www.sarl.org.za/
21	RSGB International Low Power Contest: 0900Z - 1200Z & 1300Z - 1600Z
23	Worldwide Sideband Activity Contest: 0100Z - 0159Z
25	RSGB 80m Club Championship, Data: 1900Z - 2030Z
27	SARL 40m Club Contest
27 - 28	RSGB IOTA Contest: 1200Z - 1200Z
27 - 28	ARAM 50 MHz Contest: 1200Z - 1200Z
30	Worldwide Sideband Activity Contest: 0100Z - 0159Z
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	

Joys and Sorrows / Lief en Leed



Johan Lehmann ZS6JPL het 'n operasie ondergaan wat suksesvol vas. Johan sterk tans baie goed aan. PARK wens Johan volkome herstel toe.

Johan de Bruyn ZS6JHB is tans in die hospital vir 'n klein operasie. Ons wens Johan voorspoed en spoedige herstel toe.

Andre Coetzee ZS6GCA has during the past year lost his son and his father. We are saddened by your great loss Andre. Our sincere condolences from PARC Members.



Alméro Du Pisani het gedurende April 'n rugoperasie ondergaan. Hy is besoek deur sy studente en Louis ZS6SK. Hy sterk tans goed aan, maar hy mag net staan of lê. So al staande is Alméro besig om bulletins te herlei en uit saai op Sondae. PARK betuig hul opregte dank vir sy toewyding en amateur gees!

DX and IOTA News

This is the first of a monthly information series on DX and IOTA News, which is also presented during Sunday morning PARC bulletins. All information and photographs are obtained from the <https://dxnews.com/> website and they are hereby credited. Where individuals are credited for their photographs which appear on the <https://dxnews.com/> website, they are also credited in this presentation.

JG8NQJ/JD1 Marcus Island Minami Tori Shima Islands

Take, JG8NQJ will be active again as JG8NQJ/JD1 from Marcus Island, IOTA OC - 073, Minami Torishima, starting 20 June 2024. He will operate on HF Bands CW, FT8, mainly on 18 and 21 Mhz. QSL via JA8CJY, LOTW. The Minami-Tori-Shima Island is a triangular shaped island in the northwest Pacific Ocean. Its name is Japanese and means 'Southern Bird Island'. It is also known by its other name of Marcus Island.



T88PB Koror Island Palau

T88PB will be active again from Koror Island, IOTA OC - 009, Palau, 15 - 17 June 2024. He will operate on HF Bands. QSL via JA0JHQ direct. Ads for direct QSL: NOBUAKI HOSOKAWA, 1458-25 OKAGAMI ASAO-KU, KAWASAKI, KA, 215-0027, Japan.

Koror is one of those few islands around the world, which is less popular to the tourists, yet as exotic as other popular, picture-perfect tourist destinations in the planet. It is the primary commercial center of the Republic of Palau and comprises of several islands of which, the Koror Island is the most prominent one. Being a home to mere 14,000 people (as of 2004), the economy of the island is mostly based on tourism.



Photograph by: Gudonjin Aiza

V47JA Saint Kitts Island

W5JON will be active again as V47JA from Saint Kitts Island, IOTA NA-104, 28 May - 13 June 2024. He will operate on 160 - 6 m (Including 60m), SSB, FT8. Recent DX Spots V47JA QSL via home call direct, LOTW. Ads for direct QSL: JOHN V ABBRUSCATO, 22199 PINE TREE LN, HOCKLEY, TX 77447, USA.



Photograph by J  r  my RONDAN

OX3LX Tasiilaq Island

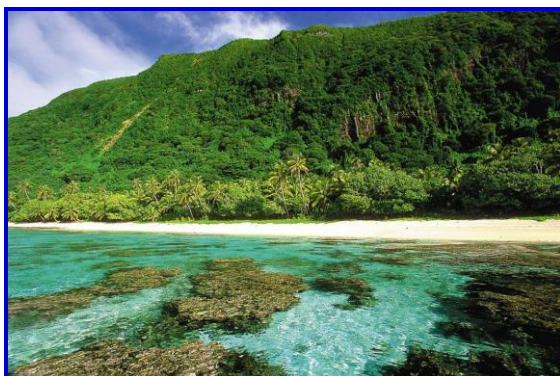
Bo, OX3LX will be active from Tasiilaq Island, IOTA NA - 151, 1 - 15 June 2024. He will operate on HF Bands. Recent DX Spots OX3LX QSL via OZ0J. Ads for direct QSL: Joergen Roemming, Brandelev Stationsvej 9, DK-4700, Naestved, Denmark.



Photograph by Colin Murdison

K8K American Samoa

Yuris, YL2GM will be active as K8K from American Samoa, IOTA OC - 045, 26 June - 9 July 2024. He will operate on 160 - 10m. Recent DX Spots K8K.



Photograph by Roderick Eime



Photograph by Laura Jolly

2024 South African Radio League National Convention

The 2024 South African Radio League (SARL) National Convention was hosted on Saturday, the 20th of April by the Cape Town Amateur Radio Centre (CTARC) at the Garden Court Nelson Mandela Boulevard. A welcoming cheese and wine function was held on Friday, the 19th, where the Chairman of CTARC, Rob Bareham ZS1SA welcomed delegates. Of the current 1701 members of SARL, 316 members registered for the Convention, which consisted of 259 proxies received, and 57 members who attended in person. The oldest SARL member who attended was Barry Fletcher ZS1FJ (91) and the youngest Cameron Eales ZS6CYE, which is in his early 20's.



SARL President Nico van Rensburg ZS6QL opened the Convention and presented his Presidential report with the theme: "Membership growth and a spirit of innovation is essential for the future of Amateur Radio".

Nico expressed concern in the decrease in numbers of potential candidates writing the Radio Amateur Examination (RAE), expressing the need to expand educational initiatives to keep Amateur Radio interesting for young potential radio hams.

In addition, Nico discussed the increased pressure on Amateur Radio spectrum allocations by commercial users, and emphasized these bands be used more actively to prevent them being lost for amateur use.

Corrie de Beer ZS6CDB presented the SARL Annual Financial Statements for the year ended 30 June 2023 to the delegates, and submitted five motions for approval, which were all accepted (Radio ZS, May 2024: Vol 77, Issue 5: p7). After conclusion of the financial matters, five general motions were submitted of which three were accepted (Radio ZS, May 2024: Vol 77, Issue 5: p7).

The election of SARL councilors took place next where the following members were elected to serve on Council for 2024 to 2026: Dave Higgs ZS2DH, Karel Bezuidenhout ZR6K, Chris Turner ZS6GM, Rassie Erasmus ZS1YT and Dennis Green ZS4BS.

General matters of an informative nature were presented next and included the following:

- Development of a new SARL website by Dave Higgs ZS2DH
- Introductory discussion on the SARL 100 project by Anette ZR6D and Brian Jacobs ZS6YZ. A detailed discussion was presented during the gala dinner after the AGM.
- Discussion on the SARL beacon project and tropospheric research by Brian Jacobs ZS6YZ.
- ICASA licensing services provided by SARL to radio amateurs by Nico van Rensburg ZS6QL.

The gala dinner commenced at 19h00 where various SARL awards and trophies were handed over. Of note to PARC was the SARL Hall of Fame certificate which was awarded to Hans Kappetijn ZS6KR (SK).

The 2025 SARL National Convention will have two events: the 2025 AGM will be a virtual event and the SARL Centenary Event (Technical Symposium, Hamfest and Awards Dinner) will be held in Gauteng on either the weekend of 16 to 18 May, or 23 to 25 May 2025. An official statement will be made by SARL in due course. Please look at photographs on the next page taken by Louis de Wet ZS6SK who attended the Convention.



Chairman of CTARC, Rob Bareham ZS1SA and Tjerk Lammers ZS1J / ZS6P



PARK Snuffelmark / PARC Bootsale

PARK se herfs snuffelmark het plaasgevind op die 6^{de} April by die gebruiklike Pretoria ou Motorklub. Alhoewel daar nie baie verkopers was nie, was daar wel meer besoekers en was die verkope van toerusting en worsrolle wel goed gewees. Pretoria Amateur Radio Klub bedank van harte vir Alméro Du Pisani ZS6LDP vir die reël van die geleentheid en Louis de Wet ZS6SK vir die verkope van die worsrolle. Die volgende snuffelmark vind plaas op die 6^{de} Julie weer by die Pretoria ou Motorklub.



SAIEE / AWASA Museum Activities

The museum of the South African Institute of Electrical Engineers (SAIEE) is being maintained by the SAIEE and the Antique Wireless Association of South Africa (AWASA). Members of AWASA are currently involved in the cleaning and where necessary refurbishing of exhibits.



Underground mining communication equipment and the Trevor Wadley exhibit



The Hendrik van der Bijl exhibit

Louis de Wet ZS6SK and son Stefan have been busy the past couple of weeks with the cleaning and refurbishment of the Trevor Wadley and Hendrik van der Bijl exhibits. Cleaning of the glass exhibit cases is a delicate work which requires quite some patience. Worn out photographs have been scanned and are digitally repaired, paper information displays are being retyped and laminated to look as good as new. If you are interested in becoming involved, please contact Renato Bordin ZS6REN of AWASA.



Stefan de Wet cleaning shelving of mining transmission equipment



Louis de Wet ZS6SK replacing the dusted Tellurometer of Dr Trevor Wadley

Motor Rallies: Preliminary Dates of Events for 2024 Motor Tydrenne: Voorlopige Datums vir 2024

  2024 SA National Rally Championship Northern Regions Rally Calendar 				
Round	Date	Event	Location	Country
National 1 & 2 Regional 1 & 2	15 - 16 March	Ermelo	Ermelo	Mpumalanga
National 3 & 4 Double Pointer	12 - 13 April	Swartland Rally	Malmesbury	Western Cape
National 5 & 6 Regional 3 & 4	31 May - 1 Junie	Secunda Rally	Secunda	Mpumalanga
National 7 & 8	5 - 6 July	Algoa Rally	Gqebertha	Eastern Cape
National 9 & 10 Regional 5 & 6	30 - 31 August	Tzaneen Rally	Tzaneen	Limpopo
National 11 & 12 Regional	11 - 12 October	(Rain Date)	TBA	TBA
National 13 & 14 Regional 7 & 8	15 - 16 November	TRAC Rally	Dullstroom	Mpumalanga



Directors A RUTHERFORD, Dr. S LABUSCAGNE
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ASSOCIATION INC UNDER SECTION 21
VAT Registration Number 4900 254 29 5

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

Long Term HF Propagation for June 2024 : 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.

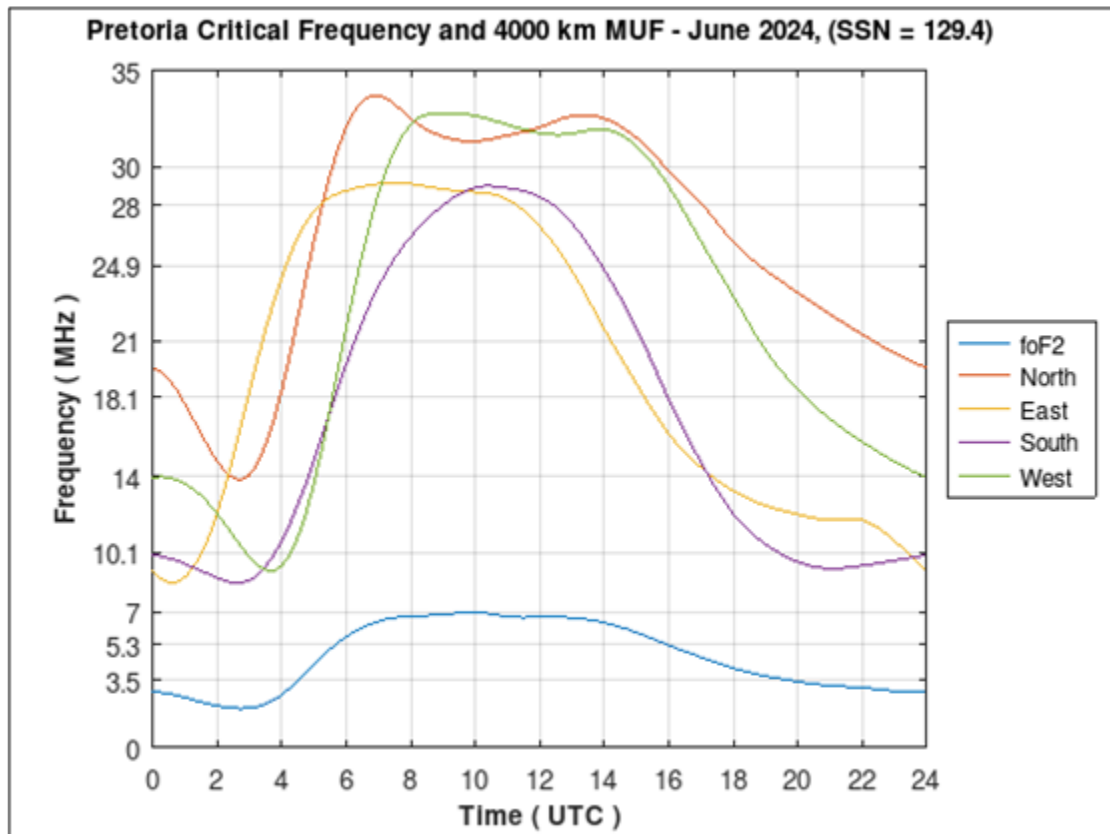
Long Distance Propagation: The MUF for a first hop of 4000 km in the cardinal directions is labeled North, East, South and West. They indicate the direction that propagation may be expected.

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]

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