



WATTS 2025-07

Year 95 + 07

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
Swopshop : 2m and 7.066 MHz live on-air after bulletins
Bulletin repeats on Mondays / herhalings op Maandae : 2m 19h45



WATTS SPECIAL EDITION / SPESIALE UITGAWE

SARL-100 Function and PARC-95 Mega Flea Market

SARL-100 Funksie en PARK-95 Mega Snuffelmark

Alméro Du Pisani ZS6LDP (Hon. Mem.) and Pierre Holtzhausen ZS6PJH at the SARL/PARC
Mega Flea Market at the Royal Elephant Hotel on the 17th of May 2025. More on pages 8 - 19

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PARC Committee Meeting /
PARK Komitee Vergadering

The next Meeting for the
2025 PARC-95 Committee
will take place by means of
Teams during July 2025
from 18h30 on a date to be
announced.

Birthdays and Wedding Anniversaries / Verjaarsdae en Huweliks Herdenkings

Member's Birthdays July 2025 / Lede Verjaarsdae Julie 2025

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 (80)
19 Theo Bresler ZS6TVB
20 Roy Newton ZS6XN
26 Frank Schneider ZS6GE
30 Dawid van Rensburg ZS6VS

Spouse's July 2025 / Julie 2025

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

Wedding Anniversaries July 2025 / Huweliks Herdenkings Julie 2025

21 Tania en Andries Lombard ZS6ABL

Member's Birthdays August 2025 / Lede Verjaarsdae Augustus 2025

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

08 Tobie Jansen van Rensburg ZS6ZX
11 Andries Lombard ZS6ABL
26 Fanie de Kock ZS6FDK

Spouse's August 2025 / Gades Augustus 2025

09 Helga, gade van Hans-Peter Knoepfler ZS6AJS
24 Riana, gade van Leon Fouche ZS6LEF

Wedding Anniversaries August 2025 / Huweliks Herdenkings Augustus 2025

07 Peggy en Edmar Willers ZS6UT
12 Geraldine en Jurie Ferreira ZS6JFE
18 Alice en Charles Pretorius LISTENER
29 Joydene en Albert Schreuder ZS6SE

PARC Committee Members : 2025 / PARK Komiteelede : 2025

Name & Callsign	Portfolio/s	Email Address	Tel No	Mobile No
Graham Reid ZS6GJR	Chairman, Treasurer, Website, Rallies	greid@wol.co.za	012-667-2720	083-701-0511
Irene Myburgh ZS6IEA	Vice Chair & Secretary, SARL Bulletins	irene.myburgh@outlook.com	082-462-6001	084-544-0618
Hendri Ehlers ZS6HFE	Webmaster, Repeaters, ICASA Liaison	hendri@lantis.co.za	012-348-4858	083-460-5586
Louis de Wet ZS6SK	Watts, SARL Liaison, PARC Bulletins	louis.zs6sk@gmail.com	012-349-1044	072-140-9893

CO-OPTED MEMBERS / GE-KOÖPTEERDE LEDE

Name & Callsign	Portfolio/s	Email Address	Tel No	Mobile No
Alméro Du Pisani ZS6LDP (Hon.)	Flea-markets, SARL Bulletins	almerodps@gmail.com	012-420-3779	083-938-8955
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
Pierre Holtzhausen ZS6PJH	Contests	zs6pjh@gmail.com		082-575-5799

Lief en Leed / Joys and Sorrows



Dit is met leedwese dat ons verneem het van die afsterwe van Pierre Britz ZR6ADZ. Pierre was baie aktief en alombekend in die tydren kringe. Hy word oorleef deur sy gade Dienkie. Hiermee ons innige meegevoel aan Dienkie en familie.

Lief en Leed / Joys and Sorrows

Dit is met leedwese dat ons verneem het van die afsterwe van Jean de Villiers ZS6ARA se moeder. Hiermee ons innige meegevoel aan Jean vir sy groot verlies.

PARC Membership Fees 2025 / PARK Ledegelde 2025

PARC ANNUAL CLUB FEES: PARK JAARLIKSE LEDEGELDE

Bank	First National Bank	Ordinary Members / Gewone Lede : R200 Spouses and Pensioners : R100	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: July 2025 – August 2025			
Date	Presenter	Date	Presenter
13 July 2025	Louis de Wet ZS6SK	24 August 2025	Louis de Wet ZS6SK
20 July 2025	Alméro Du Pisani ZS6LDP	31 August 2025	Alméro Du Pisani ZS6LDP
27 July 2025	Louis de Wet ZS6SK	07 September 2025	Louis de Wet ZS6SK
03 August 2025	Alméro Du Pisani ZS6LDP	14 September 2025	Alméro Du Pisani ZS6LDP
10 August 2025	Louis de Wet ZS6SK	21 September 2025	Louis de Wet ZS6SK
17 August 2025	Alméro Du Pisani ZS6LDP	28 September 2025	Alméro Du Pisani ZS6LDP





ZS6PTA Exhibitions, Flea Market and Boot Sale

Saturday 2 August at 09:00
Pretoria Old Motor Club in Silverton
Almero du Pisani 083 938 8955
almerodps@gmail.com

Thanks to Martie Venter ZS6MV for design

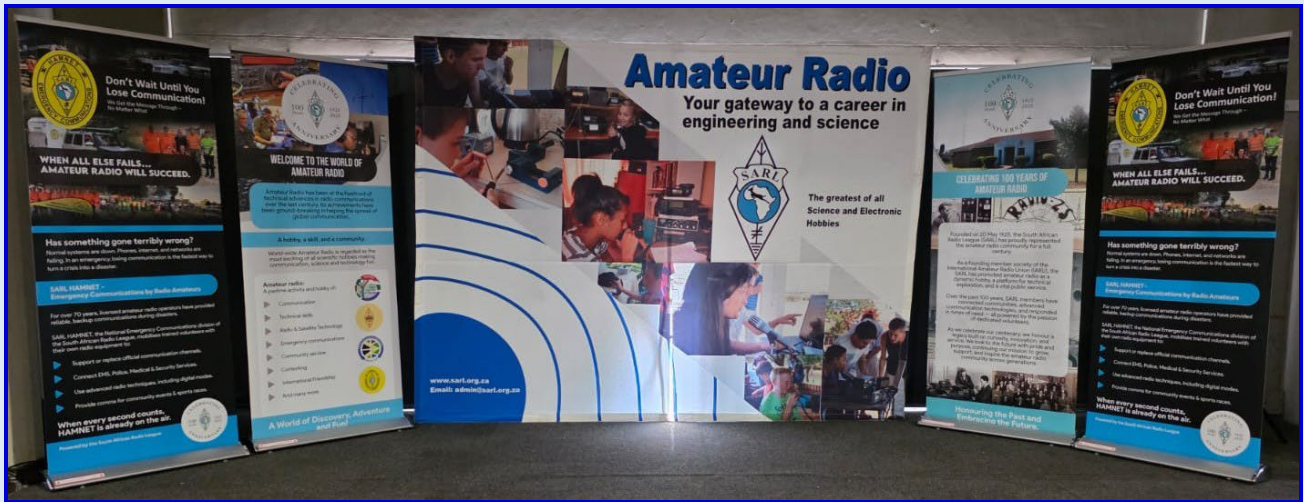
Next Flea Market Date: 2 August / Volgende Snuffelmark Datum: 2 Augustus

CONTACT PERSON: Alméro Du Pisani (T) 083-938-8955 (E) almerodps@gmail.com

Diary of Contests & Events / Dagboek van Kompetisies en Gebeure

Contests and Events - July 2025 / Kompetisies en Gebeure - Julie 2025 (UTC Times)	
01	Worldwide Sideband Activity Contest: 0100Z - 0159Z: https://wwsac.com/
03	NRAU 10m Activity Contest: 1800Z-1900Z (CW); 1900Z-2000Z (SSB); 2000Z-2100Z (FM); 2100Z-2200Z (Digital)
05	SARL Newbie QSO Party
05 & 06	NZART Memorial Contest: 0800Z - 0829Z (CW); 0830Z - 0859Z (SSB); 0900Z - 0929Z (CW); 0930Z - 0959Z (SSB); 1000Z - 1029Z (CW); 1030Z - 1059Z (SSB)
05 - 06	CQ Worldwide VHF SSB/CW Contest: 1200Z - 1200Z: https://www.cqww-vhf.com/
05 - 06	Marconi Memorial HF Contest: 1400Z - 1400Z: https://www.arifano.it/contest_marconi.html
07	RSGB 80m Club Championship, CW: 1900Z - 2030Z
08	Worldwide Sideband Activity Contest: 0100Z - 0159Z: https://wwsac.com/
12 - 13	IARU HF World Championship: 1200Z - 1200Z
15	Worldwide Sideband Activity Contest: 0100Z - 0159Z: https://wwsac.com/
16	RSGB 80m Club Championship, SSB: 1900Z - 2030Z
19	Trans-Tasman Low-Bands Challenge: 0800Z - 1400Z (160, 80 & 40m)
19	SARL QRP Contest
19 - 20	CQ Worldwide VHF Digital Contest: 1200Z - 1200Z
19 - 20	IARU Region 1 70MHz Contest: 1400Z - 1400Z
20	RSGB International Low Power Contest: 0900Z - 1200Z & 1300Z - 1600Z
22	Worldwide Sideband Activity Contest: 0100Z - 0159Z: https://wwsac.com/
24	RSGB 80m Club Championship, Data: 1900Z - 2030Z
26	SARL Saturday 40m Club Contest
26 - 27	ARAM 50 MHz Contest: 1200Z - 1200Z
26 - 27	RSGB IOTA Contest: 1200Z - 1200Z
29	Worldwide Sideband Activity Contest: 0100Z - 0159Z: https://wwsac.com/
Contests and Events - August 2025 / Kompetisies en Gebeure - Augustus 2025 (UTC Times)	
02 - 03	10-10 International Summer Contest, SSB: 0001Z - 2359Z
02	European HF Championship: 1200Z - 2359Z
02 - 03	North American QSO Party, CW: 1800Z - 0600Z
03	SARL HF Phone Contest: 1300Z - 1630Z: www.sarl.org.za
05	Worldwide Sideband Activity Contest: 0100Z - 0159Z (Also: 12/8; 19/8; 26/8)
07	NRAU 10m Activity Contest: 1800Z - 1900Z (CW); 1900Z - 2000Z (SSB); 2000Z - 2100Z (FM); 2100Z - 2200Z (Digital)
09	Women's Day and SARL YL QSO Party: www.sarl.org.za
09 - 10	WAE DX Contest, CW: 0000Z - 2359Z
10	SARL HF Digital Contest: 1300Z - 1600Z www.sarl.org.za
13	NAQCC CW Sprint: 0030Z - 0230Z
16 - 17	SARTG WW RTTY Contest: 00h00Z - 08h00Z (16/8); 1600Z - 2400Z (16/8); 0800Z - 1600Z (17/8)
16	SARL Youth QSO Party: 1200Z - 1300Z www.sarl.org.za
16 - 17	CVA DX Contest, CW: 1800Z - 2100Z
16 - 17	North American QSO Party, SSB: 1800Z - 0559Z
16 - 17	International Lighthouse / Lightship Weekend: 0001Z - 2400Z https://www.lighthouse-weekend.international/
20	SARL Wednesday 80m Club Contest: www.sarl.org.za
23 - 24	YO DX HF Contest: 1200Z - 1200Z
23 - 24	CVA DX Contest, SSB: 1800Z - 2100Z
24	SARL HF CW Contest: 1400Z - 1700Z www.sarl.org.za
30 - 31	World Wide Digi DX Contest: 1200Z - 1200Z
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	

SARL-100 Centenary Function



The Centenary Function and Awards Gala Dinner of the South African Radio League was held on the evening of the 17th of May 2025 at the Royal Elephant Hotel, Eldoraigine, Centurion. Committee Members of the Pretoria Amateur Radio Club attended the Function, which included Graham ZS6GJR (Chairman) and Joey Reid, Irene ZS6IEA (Vice Chair & Secretary) and Pieter ZS6PAM Myburgh, Alméro ZS6LDP (Hon. Mem.) (Flea Markets) and Louise Du Pisani, and Louis ZS6SK and Sharmaine de Wet. The following pages show photographs of PARC Committee Members attending the SARL Centenary Gala Dinner.



Graham ZS6GJR (PARC Chairman) and Joey Reid



Louise and Alméro Du Pisani ZS6LDP



Irene ZS6IEA and Pieter ZS6PAM Myburgh



Louis ZS6SK and Sharmaine de Wet

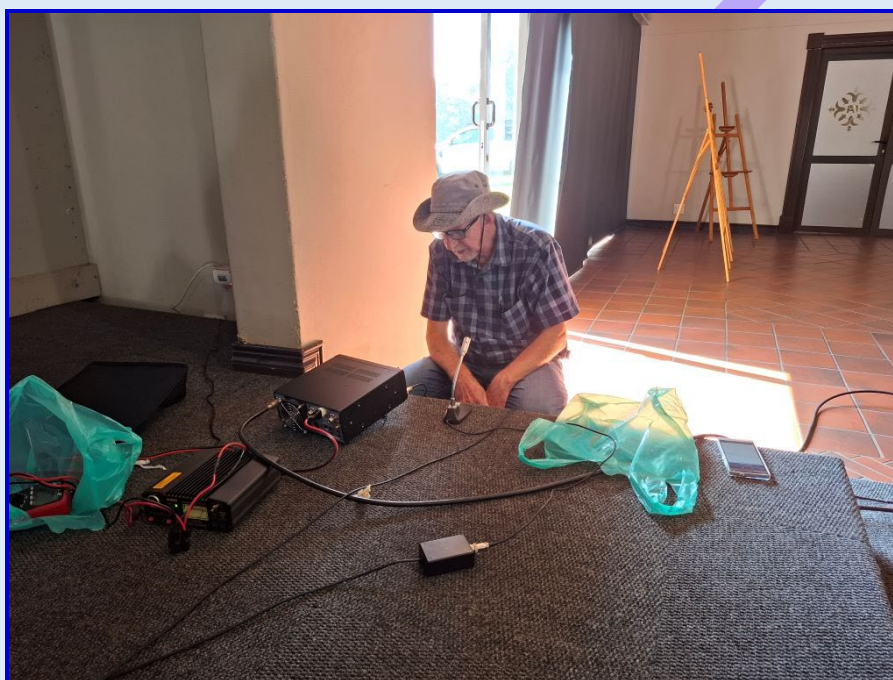


Keith Laaks ZS6TW (PARC Guest: Centurion Club)

SARL-100 / PARC-95 Mega Flea Market

SARL-100 / PARK-95 Mega Snuffelmark

The SARL-100 / PARC-95 Mega Flea Market which was organized by Alméro Du Pisani ZS6LDP (Hon. Mem.) was indeed a tremendous success. The South African Radio League and the Pretoria Amateur Radio Club hereby sincerely thank Alméro for his dedication and professional manner with which this event was organized and executed. PARC also thanks Alméro for the 2m relay and Johan Lehmann ZS6JPL for the Echolink transmission of the SARL Annual General meeting. SARL and PARC sincerely thank all exhibitors, vendors and visitors for their participation. On the following pages there are a variety of photographs presented of the various exhibitors during the Flea Market day.



Alméro ZS6LDP testing the 2m relay of the SARL AGM transmission



Vernon Fryer ZS6AIG, Pierre Holtzhausen ZS6PJH and friend Johan



Graham Reid ZS6GJR (Parc Chairman) and sw Joey setting up the motor rally display





The Sasolburg ZS4SRK mobile radio station with Jaco Greyling ZS6JCO and Gideon Jannasch ZS4GJA operating



Phillip ZS6PVT and Beverley ZS6BVT van Tonder of the West Rand Amateur Radio Club



Nico Michael ZS6BVR, Thobile Koni ZS6TKO, Hendri Ehlers ZS6HFE and Charles Mills ZS6CJM



Tim Meyer ZS6TIM and his sw with their mobile stand



Anton Lombard ZS6WG and Gert Siebert ZS6GFS from the Kempton Park Amateur Radio Technical Society (KARTS)



Jan (Pine) Pienaar ZS6OB at his ICOM Hamshack stand



Rodney Zuidema ZS6RHZ, Renato Bordin ZS6REN, Andy Cairns ZS6ADY and Wally Watson ZS6WLY from the Antique Wireless Association of South Africa



Jacques Scholtz ZS6JPS and Colleagues from Hot Tools



Theunis Joubert ZS6TNS and Colleague from Communica



Brandon Zietsman ZS6LZ (Chairman: Sandton Amateur Radio Club) at their display



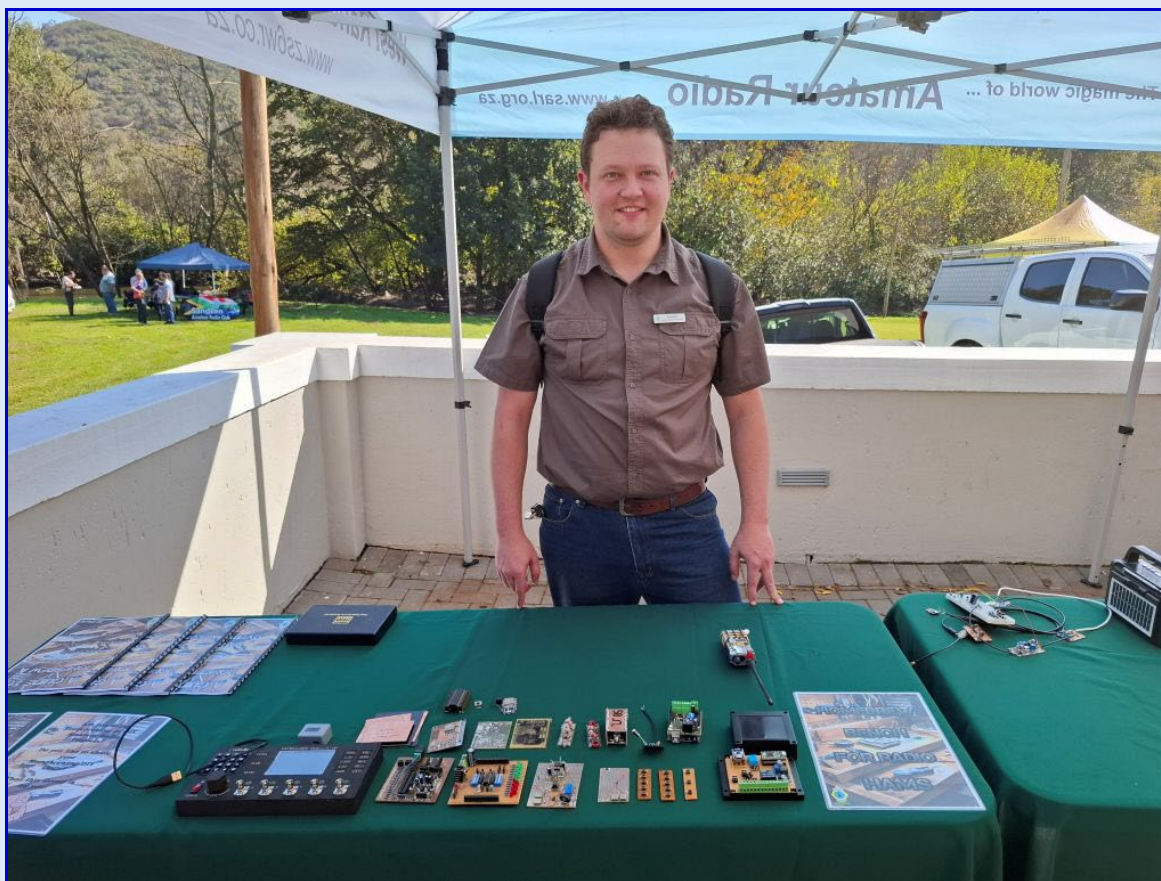
Richard Eades ZR6DE from the Sandton Amateur Radio Club



Albert Huysamen ZS6AHY from Radiomaster



Pieter Engelbrecht ZS6PJE at his stand



Hendrik Henning ZS6HJH with his DIY Amateur Radio Projects stand



Sam Ford ZS6BRZ, owner of Sam's Radio Accessories



Irene ZS6IEA (PARC Vice Chair) and Pieter ZS6PAM Myburgh browsing the stands



Stand of Tony Olivera ZS6OAJ



Guy Eales ZS6GUY had a “Help Yourself” stand (top and bottom) which attracted a lot of attention





Jannie Badenhorst ZR6BBX



PARC Veterans Sarel Stapelberg ZS6EK and Whitey Joubert ZS6JJJ



Jaco Nieuwenhuys ZS6JLN and Louis de Wet ZS6SK

CQ Tales with Martie (Megavolt) Venter ZS6MV
Humoristic Notes from a Novice

One ham's static-filled stumbled into the signal stream; lost in the shack, but loving the static.

There are rites of passage in every hobby—and for hams, one of them is diving headfirst into your first contest. And oh boy, did I dive. With the reckless enthusiasm of a squirrel on espresso.

Sleep? Not a chance. My excitement was cranked up louder than a power amp in overdrive. From the moment I keyed up, the nerves kicked in. I forgot my call sign. Twice. I accidentally introduced myself with my OM's callsign. Even referred to other operators by my own callsign. I was like the radio version of a first-time tourist who keeps shouting "Bonjour!" in Spain.

But here's the thing: ham radio *is* a new language. It's not just button-pushing and "CQ" shouting—it's a full-fledged cultural immersion with etiquette, timing, rhythm, and vocabulary of its own. Every QSO was like learning to conjugate a new verb while parachuting through the ionosphere.

There I was, stumbling through my exchanges, nervously laughing between transmissions. Yet despite the flubs and fumbles, by page two of my logbook, something magical happened. My voice steadied. My logging sharpened. And for a fleeting, triumphant moment—I truly believed I could conquer the airwaves.
...Until I forgot how to spell my own name.

By the fifth page, though, I was in the groove. My hands and voice were in sync, like an analogue symphony. I chased down signals across the bands, hunting QSOs like a woman on a mission. Pure joy. Pure adrenaline. Pure RF.

And then—dead air. The band closed. Just like that, my first contest wrapped with a quiet click of the dial and a contented sigh. What remains? A beautifully chaotic logbook. A mind full of memories. And the knowledge that every awkward "uhm" and garbled callsign was part of becoming a ham.

Highlights of Ham Radio by Vernon Fryer ZS6AIG

The things that all radio amateur experience in this amazing hobby. After a discussion with OM Joe ZS6TB whom I have known since 1997 and have had many QSO over the years. Speaking to him brought back some interesting facts. One thing he mentioned is that all Ham at some stages have brought secondhand equipment, all Ham get excited when they make that very first DX contact and all Ham are proud of that tower with beams on his property. Most YL's will disagree with the statement (hi).

The bad part of Ham radio is when you hear one of the fellow hams going SK and the second part is when you cannot operate your station anymore. The reason for this short article is during this discussion it was also the day that the tower of OM Joe came down, after forty years of many DX contacts and local QSO on 2m and 70cm. Emotions and stress as this beast is lowered. As the 5 Element and Skelton Slot come to rest and disassembled, the thought came to mind that both antennas are going to a new shack bringing excitement to another fellow ham.



Stressful moments and emotions run high as the lady comes down.



The 5 Element beast coming to rest



Disassembling 40 years of amazing reception

ARRL News by Johan Lehmann ZS6JPL Amateur Radio Volunteers Serving During Texas Floods

Volunteer amateur radio operators in the ARRL® [Amateur Radio Emergency Service®](#) (ARES®) are embedded with local served agencies in the areas of central Texas affected by devastating floods.

The needs and assignments have been changing, but ARES volunteers are stepping up to the dynamic needs of their communities. "This is a very fluid situation. It changes by the hour," said ARRL South Texas Section District 7 Emergency Coordinator Terry Jones, K5LGV.



Cal Warnecke, WB2WQD and Glenn Rowan, K3MGR, serving at an American Red Cross shelter at the Calvary Temple Church in Kerrville, Texas.

The trained ham radio operators were activated starting on Friday, July 4, 2025. Radio amateurs are providing communications capabilities to agencies whose primary systems were damaged in the flooding event or where they suffer poor connectivity due to the terrain.

ARES members helped the American Red Cross with setup of a reunification shelter in response to the floods. Ten hams were assigned to search-and-rescue teams.

Dozens of health and welfare messages were passed by ham radio operators who provided a critical link when phone lines were overwhelmed. "A lot of this is tied to circuit overload preventing folks from making direct contact with family members in the area," said Kevin McCoy, KF5FUZ.

During the flooding event and subsequent search and recovery missions, ARES members have been deployed to serve many different counties, including hard-hit Kerr and Kendall Counties. Mutual aid has been offered between several surrounding ARRL sections.

This story continues to develop, please refer to [ARRL News for more information](#) as it comes in.

Motor Rallies: Dates of Events for 2025

Motor Tydrenne: Datums vir 2025

Please see Circulars 3 and 4 below from Motorsport South Africa regarding changes made to the MSA National Rally-Raid Championship Calendar.



MOTORSPORT SOUTH AFRICA NPC

Reg. No 1995/005605/08

www.motorsport.co.za

2nd Floor, Meersig 1, Cnr. Upper Lake Lane & Constantia Boulevard, Constantia Kloof, Roodepoort
e-mail: msa@motorsport.co.za Telephone (011) 875 2220

MSA RALLY CIRCULAR 3 OF 2025

Affected parties are hereby advised that the following changes to the MSA National Rally Championship Calendar are made with immediate effect:

Round	Date	Venue
1 & 2	27 & 28 June 2025	Tzaneen, Limpopo
3 & 4	25 & 26 July 2025	Uitenhage, Eastern Cape
5	29 & 30 August 2025	Ermelo, Mpumalanga
6	26 & 27 September 2025	Fouriesburg, Free State
7	31 October & 1 November 2025	Dullstroom, Mpumalanga

MSA sincerely apologises for any inconvenience these changes may have caused. Please be assured that they are a result of circumstances beyond MSA's control.

SAMANTHA VAN REENEN
SPORTING SERVICES MANAGER: CARS, KARTING AND LEGAL

29 May 2025

MOTORSPORT SOUTH AFRICA IS THE ONLY RECOGNISED MOTORSPORT FEDERATION IN SOUTH AFRICA



MEMBER OF



Directors: A. Roux (Chairman), V. Maharaj (Chief Executive Officer), P. Zeelie (Financial),
Mrs. D. Abrahams, Mrs. D. Ballington, K. Govender, Ms. T. Human, Mrs. S. Labuscagne Jonck, D. Ramchander, M. Rowe, A. Scholtz (Executive).



MOTORSPORT SOUTH AFRICA NPC

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2nd Floor, Meersig 1, Cnr. Upper Lake Lane & Constantia Boulevard, Constantia Kloof, Roodepoort
e-mail: msa@motorsport.co.za Telephone (011) 675 2220

MSA RALLY-RAID CIRCULAR 4 OF 2025

Affected parties are hereby advised that the following changes to the MSA National Rally-Raid Championship Calendar are made with immediate effect:

Date	Round	Venue	Comment(s)
14 & 15 March 2025		Vryheid, KwaZulu-Natal	Moved to 31 October & 1 November 2025
27 & 28 June 2025	1	Legends Adventure Farm, Gauteng	
15 & 16 August 2025	2 & 3	Stonehenge Lodge, Parys, Free State	
19 & 20 September 2025	4	Louvain Guest Farm, Western Cape	
31 October & 1 November 2025	5	Vryheid, KwaZulu-Natal	Moved from 14 & 15 March 2025
21 & 22 November 2025	6	Thabazimbi, Limpopo	Moved from 27 & 28 June 2025

MSA sincerely apologises for any inconvenience these changes may have caused. Please be assured that they are a result of circumstances beyond MSA's control.

SAMANTHA VAN REENEN
SPORTING SERVICES MANAGER: CARS, KARTING AND LEGAL

24 June 2025

MOTORSPORT SOUTH AFRICA IS THE ONLY RECOGNISED MOTORSPORT FEDERATION IN SOUTH AFRICA



sport, arts & culture
Department:
Sport, Arts and Culture
REPUBLIC OF SOUTH AFRICA

Directors: A. Roux (Chairman), V. Maharaj (Chief Executive Officer), P. Zeelie (Financial),
Mrs. D Abrahams, Mrs. D. Ballington, K. Govender, Ms. T. Human, Mrs. S Labuscagne Jonck, D. Ramchander, M. Rowe, G. Waberski,

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/ 084-544-0618 or irene.myburgh@outlook.com

Long Term HF Propagation for July 2025 : 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.

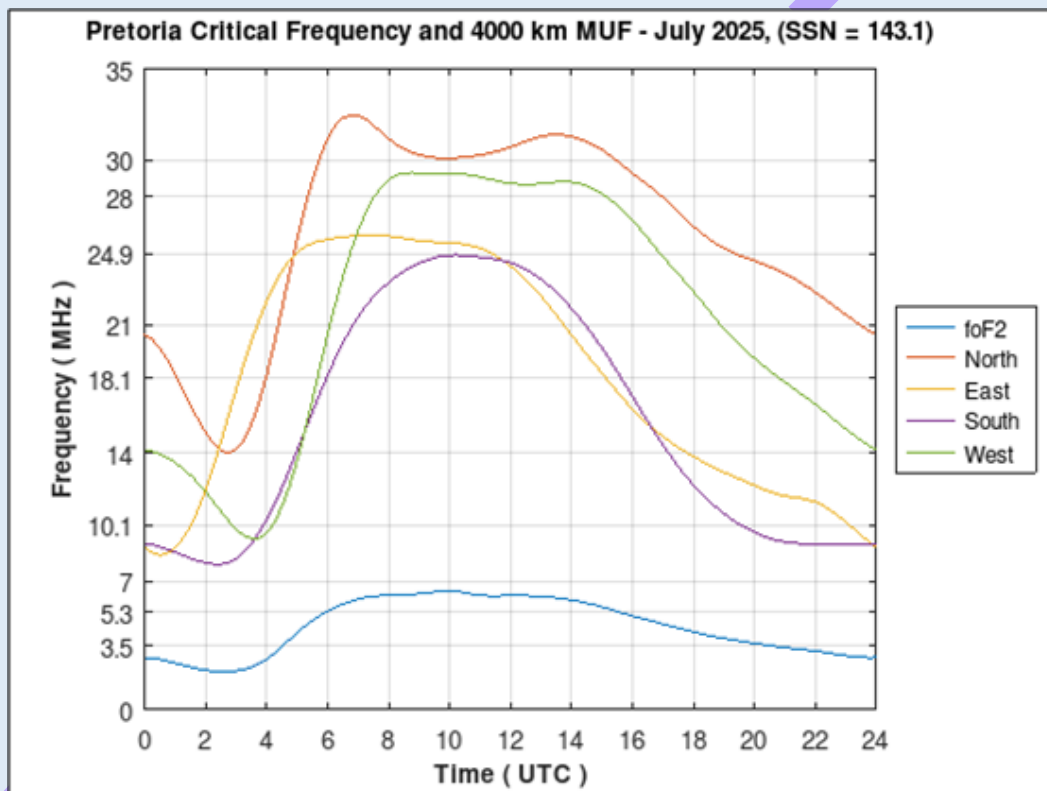
Long Distance Propagation: The MUF for a first hop of 4000 km in the cardinal directions is labeled North, East, South and West. They indicate the direction that propagation may be expected.

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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