



WATTS

Pretoria Amateur Radio Club Newsletter

Website: www.parc.org.za

Email: zs6pta@parc.org.za

WATTS Monthly Magazine of the Pretoria Amateur Radio Club

TECH TALK
by **Vernon ZS6AIG**

Our Tech Talk line-up for the next couple of months are exiting with well knows key note speaker in our world of amateur radio.
Our first speaker on the **12th September** will be **OM Vernon ZS6AIG!**

SDR Integration
with Your
ICOM 7300
& Shack Gear!

Antenna Attenuators & Coax Switch Tips | Best SDR Dongles to Use | Top Software for Amateur Radio! | Practical tips to level up your setup

See you on the **12th @ 16 Cathrine drive**
Shere Pretoria
08:30 sharp!

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Stay Connected

- WhatsApp Group: Contact any committee member
- Bulletins: 145.725 MHz (Sundays 08h45)
- Relays: 439.025, 438.825, 145.725, 7.066 MHz + Echolink
- Swopshop: 2m & 7.066 MHz live after bulletin
- Rebroadcast: Mondays 19h45 (2m)



Birthdays | Verjaarsdae, Joys and Sorrows | Lief en Leed

Members' Birthdays — September | Lede Verjaarsdae — September

Date	Name	Callsign
02 September	Vernon Fryer	ZS6AIG
11 September	Johan Lehmann	ZS6JPL
13 September	Zack Pienaar	ZR6ZAK
15 September	Willie van Niekerk	ZS6WVN
18 September	Louis Coetzee	ZS6GLC
22 September	Charlie Pretorius	ZS6CRR
26 September	Graham Reid	ZS6GJR
26 September	Pieter Malan	ZS6OP
26 September	Jacques Snyman	ZS6QS
27 September	Ryan Gibson	ZS6GGR
28 September	Irene Myburgh	ZS6IEA
29 September	Hannes Eloff	LISTENER

Wishing you loud signals, clear frequencies, and zero interference on your special day. Happy birthday!

Spouses' Birthdays — September | Gades Verjaarsdae — September

Date	Member	Callsign	Spouse
16 September	De Jager Burger	ZS6ZO	Annelize
27 September	Sybie Van der Spuy	ZS6SY	Liezel
28 September	Pieter Myburgh	ZS6PAM	Irene

May your celebration be filled with laughter, love, and new adventures. Enjoy your special day!

Members' Birthdays — October | Lede Verjaarsdae — Oktober

Date	Name	Callsign
01 October	Evan Seligmann	ZS6ELI
01 October	Brian Allchin	ZS1ABW
02 October	André van Tonder (Hon Mem)	ZS6BRC
02 October	Hans-Peter Knoepfler	ZS6AJS
09 October	Ed Willers	ZS6UT
18 October	BAAS JAN Van Wyk	ZS6MRM
20 October	Johnny Schmidt	ZS6MES
25 October	Gawie Marais	ZS6GJM

Date	Name	Callsign
30 October	Andre Coetzee	ZS6GCA
31 October	Pieter Myburgh	ZS6PAM

Spouses' Birthdays — October | Gades Verjaarsdae — Oktober

Date	Member	Callsign	Spouse
01 October	Jurie Ferreira	ZS6JFE	Geraldene
04 October	RITA SCHRODER	ZS6SLR	LUKAS
06 October	Trev Thomsen	Z21GX	Fiona
12 October	Ryan Gibson	ZS6GGR	Juanita
14 October	Nic Louw	ZS6NWL	Wilma
21 October	Alméro Du Pisani	ZS6LDP	Louise
30 October	BAAS JAN Van Wyk	ZS6MRM	CINDY
31 October	Irene Myburgh	ZS6IEA	Piet

Wedding Anniversaries September 2026 | Huweliks Herdenkings September 2026

Date	Member	Callsign	Spouse
02 September	Elias Tibane	ZR6TT	Sarah
28 September	Benjamin D Greyling Greyling	ZS6YVC	Jessica
28 September	Roy Newton	ZS6XN	Retha
28 September	Jan Pienaar	ZS6OB	Erika
29 September	Sarel Stapelberg	ZS6EK	Karin

Wedding Anniversaries October 2026 | Huweliks Herdenkings Oktober 2026

Date	Member	Callsign	Spouse
09 October	Pieter Fourie	ZS6CN	Annatjie
13 October	Nicolaas Willem Louw	ZS6NWL	Wilma
15 October	de jager Burger	ZS6ZO	Annelize
17 October	Johan Lehmann	ZS6JPL	Elmarie

Contests and Events | Kompetisies en Gebeure

September

- 5 - 6 September — SARL National Field Day Saturday start 0800Z - end Sunday 1000Z
- 5 - 6 September — ARRL EME Contest (0000Z, Sep 5 to 2359Z, Sep 6)
- 5 - 6 September — IARU Region 1 Field Day, SSB (1300Z, Sep 5 to 1259Z, Sep 6)
- 12 September — Africa FT4 DX Contest Saturday (1500Z - 1800Z)
- 16 September — SARL September Equinox 6m DX Challenge start Wednesday 0001Z
- 19 September — ZS SOTA Activity Weekend Saturday start 0000Z - end Sunday 2159Z
- 20 September — ARS Flight of the Bumblebees (1700Z-2100Z)
- 26 - 27 September — YU DX Contest (1200Z, Sep 26 to 1159Z, Sep 27)

October

- 1 October — SARL 80 m QSO Party (1700Z - 2000Z)
- 3 October — Oceania DX Contest, Phone 0600Z, Oct 3 to 0600Z, Oct 4
- 4 October — Antique Wireless Association SSB Valve QSO Party (1300 - 1700Z)
- 14 October — Early Morning Coffee QSO Party (0400Z - 0500)
- 16 October — SARL September Equinox 6m DX Challenge - end 2359Z
- 21 October — SARL Wednesday 80 m Club Contest (1700Z – 1800Z)
- 24 October — CQ Worldwide DX Contest, SSB (0000Z, Oct 24 to 2359Z, Oct 25)
- 31 October — SARL VHF/UHF FM Mode Contest (1000Z - 1300Z)
- 31 October — ARRL EME Contest (0000Z, Oct 31 to 2359Z, Nov 1)
- 31 October — UK/EI DX Contest, SSB (1200Z, Oct 31 to 1200Z, Nov 1)
- 31 October — Russian WW MultiMode Contest(1200Z, Oct 31 to 1200Z, Nov 1)

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.co>

Tip: Always verify contest details on SARL and WA7BNM calendars.

PARC Flea Market | PARK Snuffelmark



Snuffelmark
5 FORGE
ACADEMY & LABS

LS6PTA
P

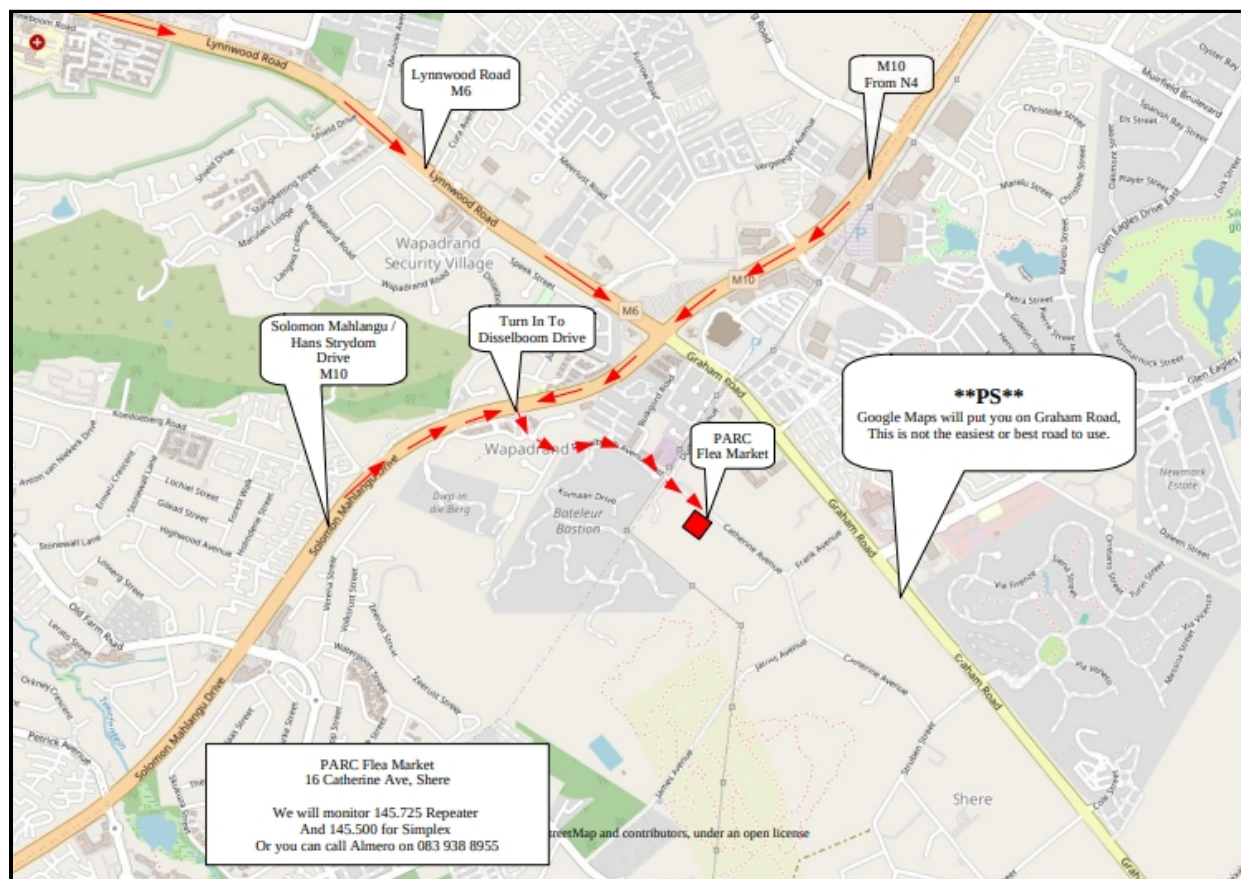
NEXT FLEA MARKET

DECEMBER 5 @ 16 Catherine Rd, Shere

BOOK YOUR TABLE!
Almero du Pisani | 086 938 8955
almerodps@gmail.com

JOIN US

16 Catherine Road, Shere, Pretoria East



Next Flea Market Date: 1 August / Volgende Snuffelmark Datum: 5 Desember

CONTACT PERSON: Alméro Du Pisani

(T) 083-938-8955

(E) almerodps@gmail.com

Secure your table today for just R30!
Verseker jou tafel vandag vir net R30!

Upcoming Dates — 2026

- 5 December 2026 — PARC

Other Clubs — 2026

- 29 August – West Rand Boot Sale
- 3 October – East Rand Boot Sale



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PARC RAE Preparation Training

The Pretoria Amateur Radio Club (PARC) is thrilled to announce that we are officially hosting **RAE (Radio Amateur Examination) preparation training** at our very own **registered exam centre**. This marks an exciting milestone for our community: we are fully equipped with **HF trainers, a qualified invigilator, and all the resources needed** to help aspiring radio amateurs succeed.

At PARC, we believe there is always room for learning, growth, and new voices on the airwaves. Whether you're just starting your journey into amateur radio or looking to sharpen your skills, our training sessions are designed to be **inclusive, professional, and supportive**.

We're ready to get started—and we'd love for you to be part of it. If you're interested in joining our RAE preparation training, simply send us an email at RAE@PARC.ORG.ZA

Or you can visit our PARC web page <https://www.parc.org.za/index.php?page=rae>

Let's make 2026 the year you earn your amateur radio license and join the vibrant world of radio communication. The airwaves are waiting—are you ready to answer the call?



RAE Preparation training now available
Email rae@parc.org.za for details

RAE

RADIO AMATEUR EXAM

Pretoria Amateur Radio Club



RAE October 2026 RAE exam entries close Tuesday 15 September 2026

PARC Flea Market 1 August

1 August started out cold, but the chilly weather was no deterrent for the PARC Flea Market vendors or bargain hunters. The turnout was fantastic, the atmosphere was warm, and the camaraderie was unmistakable.

But rather than tell you about it, I'll let the photos tell the story.







Vendors and bargain hunters will be back on **5 December** for the next PARC Flea Market. Until then, we'll see you at the other flea markets — and hopefully, with a few more treasures to hunt down!

PARC PENSIONERS' BREAKFAST

PARK PENSIONARIS ONTBYT



ZS6PTA



DIE PRETORIA AMATEUR RADIO KLUB

Kom kuier saam!

Die PENSIONARIS ONTBYT vind plaas op

SATERDAG, 31 OKTOBER 2026 om 10:00

by **OPPIPLAAS**, op die hoek van
Codonia- en Terblanchestraat.



Kom geniet 'n heerlike oggend van
goeie geselskap, stories en 'n bietjie radio-nostalgie.

RSVP

ASSEBLIEF TEEN
27 OKTOBER

IRENE MYBURGH, ZS6IEA

☎ 082 462 6001 / 084 544 0618

✉ irene.myburgh@outlook.com

Come and join us!



The PENSIONERS' BREAKFAST will take place on
SATURDAY, 31 OCTOBER 2026 at 10:00

at **OPPIPLAAS**, on the corner of
Codonia and Terblanche Street.



Come enjoy a lovely morning of
good company, shared stories and
a touch of radio nostalgia.

RSVP

PLEASE BY
27 OCTOBER

IRENE MYBURGH, ZS6IEA

☎ 082 462 6001 / 084 544 0618

✉ irene.myburgh@outlook.com



Good friends, great stories, timeless memories!



Amateur Radio Responds to Disaster

In mid-August 2026, **Hurricane Lala** lashed Hawaii's Big Island with torrential rains and winds exceeding **140 mph** at Mauna Kea. Laupāhoehoe recorded more than **43 inches of rainfall**, leaving roads impassable and communities isolated. Over **200,000 residents lost power**, with restoration in Ka'u District projected into September.

When infrastructure faltered, **amateur radio stepped in**. Operators across the islands activated **ARES nets** on 7090 kHz, relaying real-time reports to the Hawaii Emergency Management Agency. On Oahu, **RACES volunteers** supported Honolulu Police and the Department of Emergency Management, monitoring traffic and flood conditions.

Just days earlier, on **August 10, 2026**, Colombia was struck by a **magnitude 7.4 earthquake**, claiming more than **200 lives** and crippling communications. Cellular and Wi-Fi networks collapsed, but amateur radio filled the silence.

The **Liga Colombiana de Radioaficionados (LCRA)** restored repeaters at Cerro Campanario (3,600 m altitude) using solar panels and batteries. In the Eje Cafetero region, hams reactivated repeaters within 15 minutes, enabling rescue teams to coordinate.

IARU Region 2 issued a call to keep emergency frequencies clear — including **3985, 7060, 7240, 7275, 14300, 21360 kHz** and **146.520 MHz** — ensuring life-saving traffic could flow unhindered.

A Ham's Role When Silence Falls

When disaster strikes — whether it's a hurricane in Hawaii or an earthquake in Colombia — the question is not only *what happened*, but *what can we do?* Amateur radio has always been more than a hobby; it is a lifeline. But that lifeline only works if each of us knows our role.

Do You Know How You Can Contribute?

- **Relay Information:** Even a single report — a flooded road, a downed line — can guide rescue teams.
- **Provide Connectivity:** When cell towers fail, repeaters and HF nets become the backbone of communication.
- **Train and Prepare:** Participate in exercises like simulated emergency tests (SETs). Practice now so you're ready later.
- **Keep Equipment Ready:** Portable rigs, charged batteries, and simple antennas can make the difference.

Disasters remind us that amateur radio is not just about DXing or contests. It is about **community, resilience, and responsibility**. Each of us holds a piece of the safety net.

TECH TALK

by Vernon ZS6AIG

Our Tech Talk line-up for the next couple of months are exiting with well known key note speaker in our world of amateur radio.

Our first speaker on the **12th September** will be
OM Vernon ZS6AIG!

SDR Integration with Your **ICOM 7300** & Shack Gear!



Antenna
Attenuators &
Coax Switch Tips



Best SDR
Dongles
to Use



Top Software
for Amateur
Radio!



Practical tips
to level up
your setup



RTL-SDR



See you on the
12th @ 16 Cathrine drive
Shere Pretoria
08:30 sharp!



Shack Talk by Vernon - ZS6AIG (Part 9)



Over the last couple of months, I have noticed a few positive changes in the attendance at the PARC flea market and the RAE classes has started to take traction. The new venue offered to the PARC has opened many new opportunities, RAE examination centre, contest venue and planned erection of a club tower. However, we still have many short comings in club activities, there is a desperate need of bulletin operators and supporting a repeater working group.

I will be hosting a Tech-Talk every month at 16 Catharine Ave, Shere Pretoria between 08:30-11:00 with guest speakers on various Ham topics and Tech projects, this monthly event is open to all Ham's and other interested parties which would like to join. The Tech-Talk is a platform where no other club activities are discussed and only used for technical discussions.

To help us grow the club activities, we would need your help with the following surgery:

Please send your thoughts to ZS6AIG@gmail.com or WhatsApp me on 0828838848, Let's hear your thoughts! Your ideas help us keep the club vibrant.

What's something new in the club that you've enjoyed or appreciated?

Future interests

What activities, events, or topics would you like us to explore more?

Comment: _____

Do you have ideas or suggestions that could help us grow stronger together?

Comment: _____

What's your favourite thing about being part of the club?

Comment: _____

Do you feel happy with the direction the club is going?

Comment: _____

If you could change one thing about the club, what would it be?

Comment: _____

What would you like to see more of from your committee?

Comment: _____

How visible and approachable do you feel the committee is?

Comment: _____

Wat is iets nuuts in die klub wat jy geniet of waardeer het?

Kommertaar: _____

Watter aktiwiteite, geleenthede of onderwerpe wil jy hê ons moet meer verken?

Kommertaar: _____

Is daar enige veranderinge wat jy graag wil sien wat jou ervaring nog beter sal maak?

Kommertaar: _____

Het jy idees of voorstelle wat ons kan help om saam sterker te groei?

Kommertaar: _____

Wat is jou gunsteling ding van lid wees van die klub?

Kommertaar: _____

Voel jy gelukkig met die rigting waarin die klub beweeg?

Kommertaar: _____

Watter eienskappe waardeer jy die meeste in die komitee se leierskap?

Kommertaar: _____

Thank you for sharing your voice — every response is a spark that keeps our community alive and connected.

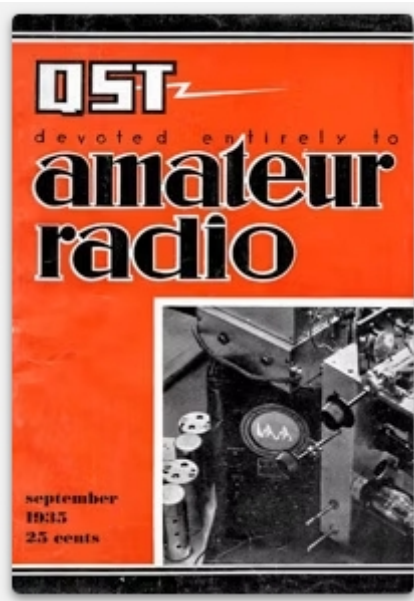
Dankie dat jy jou stem deel — elke antwoord is 'n vonk wat ons gemeenskap lewendig en verbind hou.

Come join us at Tech-Talk on the 12th September at 16 Cathrine ave. Shere Pretoria, guest speaker and topic to following shortly.

Until next time 73

Back in time - September

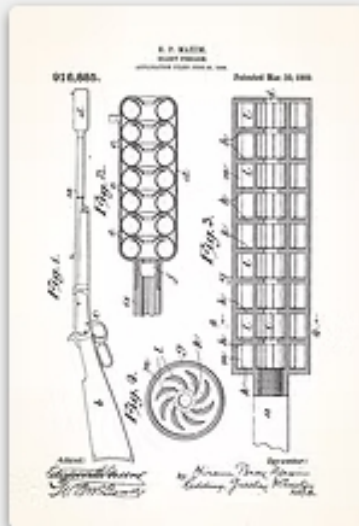
<https://www.kb5a.org/radio-science-history-sep>



In the September, 1935 issue of *QST*, the ARRL announced the formation of the “ARRL Emergency Corps” and asked hams to sign up. The objective was to provide emergency communications without relying on current from the power company. Hams would be required to have enough equipment to make a complete station, capable of being set up in a short time. This “Corps” would ultimately become the **Amateur Radio Emergency Service®** also known as **ARES®**.

Please go [here](#) to download a copy of the *QST* article (courtesy of ARRL).

Hiram Percy Maxim (September 2, 1869 – February 17, 1936) was an American radio pioneer and inventor, and **co-founder of the American Radio Relay League (ARRL)**. He originally had the amateur call signs SNY, 1WH, 1ZM, (after World War I) 1AW, and later **W1AW**, which is now the ARRL Headquarters club station call sign.



Maxim invented the “Maxim Silencer,” a suppressor for firearms as well as a muffler for gasoline engines.

He also **wrote a memoir** that was adapted for the screen in 1946. So *Goes My Love* starred Don Ameche and Myrna Loy.



Arthur Andrews Collins, 9CXX/W9CXX/W0CXX, (9 September 1909–25 February 1987) first gained national recognition as a teenager for significant advances in radio communication, and later founded his own radio engineering and manufacturing company in 1933. Rapidly expanding during WWII, **Collins Radio Company** eventually grew into a *Fortune 500* leader in avionics; military, space and commercial radio communications; telecommunication; and ultimately an innovator in melding computer and communication technology.



Collins was the first to introduce a compact HF transceiver, the KWM-1. Among amateur radio operators, the Collins S/Line established its reputation as perhaps the most solidly engineered equipment available—and the most costly. As a result, S/Line equipment, the A-Line and other predecessors, are restored, prized, and operated by dedicated collectors.

Today, Rockwell Collins-branded aircraft electronics are installed in the cockpits of nearly every airline in the world and its communication systems transmit nearly 70 percent of U.S. and allied military airborne communications.



Jean-Maurice-Émile Baudot (11 September 1845 – 28 March 1903), French telegraph engineer and inventor of the first means of digital communication Baudot code, was one of the pioneers of telecommunications. He invented a **multiplexed printing telegraph** system that used his code and allowed multiple transmissions over a single line.

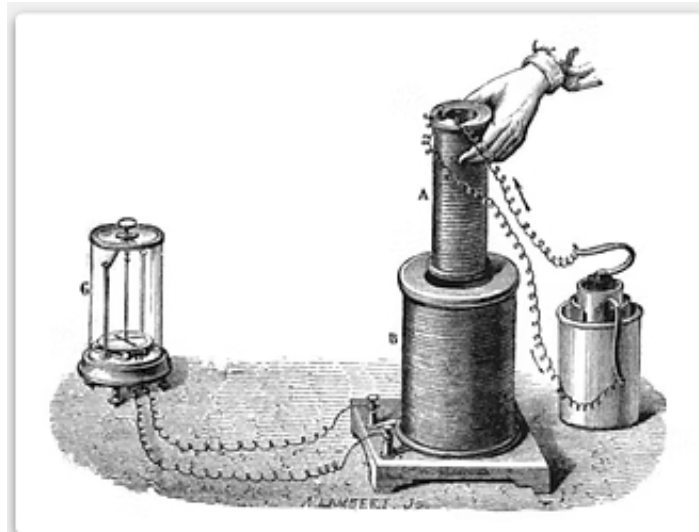
Baudot invented his telegraph code in 1870 and patented it in 1874. It was a 5-bit code, with equal on and off intervals, which allowed telegraph transmission of the Roman alphabet, punctuation and control signals.

The Baudot Code predated *EBCDIC* and *ASCII*. **Baud**, the unit for symbol rate or modulation rate in symbols per second or pulses per second, was named after him.



Portrait by Thomas Phillips, oil on canvas, 1841-1842

Michael Faraday (September 22, 1791 – August 25, 1867) was a prolific English scientist who contributed to the fields of electromagnetism and electrochemistry. In 1831 his discovery of electromagnetic induction was enormously important for the future of both science and technology. Faraday discovered that a **varying magnetic field causes electricity to flow in an electric circuit**. Other discoveries include diamagnetism, electrolysis and benzene. The unit of capacitance, the ***Farad***, is named in his honor.



Induction experiment sketch - J. Lambert 1892



Hanso Schotanus á Steringa Idzerda (26 September 1885 – 2 November 1944) was a Dutch scientist, and radio pioneer. Based on the already-invented triode vacuum tube, he developed his own device known as the IDZ Lamp, and built a transmitter capable of transmitting human voice. On November 6, 1919, he made the first publicly announced radio broadcast from his own studio.





Gladys Kathleen Parkin (27 September 1901 – 3 August 1990) On April 13, 1916, while a fifteen-year-old high school student at the Dominican College in San Rafael, Parkin obtained her US license with the call sign 6SO. She was the **youngest successful female applicant for a radio license** ever examined at that time. The license entitled her to operate any grade of wireless station and to secure employment on vessels. She **designed all her own instruments**, including a ¼-kilowatt spark-gap transmitter.

“With reference to my ideas about the wireless profession as a vocation or worthwhile hobby for women, I think wireless telegraphy is a most fascinating study, and one which could very easily be taken up by girls, as it is a great deal more interesting than the telephone and telegraph work, in which so many girls are now employed.”



Florence Violet McKenzie OBE (28 September 1890 or 1892 – 23 May 1982), affectionately known as “Mrs Mac”, was **Australia’s first female electrical engineer**, founder of the Women’s Emergency Signalling Corps (WESC) and lifelong promoter for technical education for women. She campaigned successfully to have some of her female trainees accepted into the all-male Navy, thereby originating the Women’s Royal Australian Naval Service (WRANS).

In 1922 she was the **first Australian woman to take out an amateur radio operator’s license**. Through the 1920s and 1930s, her “Wireless Shop” in Sydney’s Royal Arcade was renowned amongst Sydney radio experimenters and hobbyists. She founded *The Wireless Weekly* in 1922, established the Electrical Association for Women in 1934, and wrote the first “all-electric cookbook” in 1936.

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

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Entrepreneur and Amateur Radio Operator Invests in the Next Generation of Problem Solvers

08/21/2026

ARRL The National Association for Amateur Radio® announced today a historic and transformational \$1 million gift from Dr. James M. Galm, W8WTS. An entrepreneur and amateur radio operator who spent his career solving complex energy and engineering challenges, Galm is now investing in the next generation of problem solvers through his support of ARRL.

The gift will directly support ARRL programs and activities, including the ARRL STEM education initiative within the Education and Technology Program, and ARRL's work defending access to amateur radio spectrum through the Spectrum Defense Fund. He didn't stop there, however. Dr. Galm expressed how important ARRL is to the future of amateur radio by designating a significant portion of his gift as unrestricted support to the ARRL Diamond Club, which supports ARRL's general fund, and the Second Century Fund, ARRL's unrestricted endowment fund, which will be invested and support ARRL operations in perpetuity.

James M. Galm, Ph.D., W8WTS, is from Chardon, Ohio and is a 50-year ARRL member, a member of the ARRL Legacy Circle, and an accomplished amateur radio contester. He frequently operates from PJ2T and has served as President and Secretary/Treasurer of the Caribbean Contesting Consortium, PJ2T. He also operates a popular and reliable DX Cluster at dxc.w8wts.net with both ARC 6 and CC Cluster nodes.

With his transformational gift, Dr. Galm will be inducted into the ARRL Maxim Society at the Millennium Class. He joins Margaret Valentine at this extremely generous level of giving. Valentine, along with her late husband Michael Valentine, W8MM (SK), made the first pledge of \$1 million to ARRL during the Second Century Campaign.

First licensed as WN8WTS in 1975, Dr. Galm has more than 40 years of experience in engineering, research, manufacturing and product development. He holds nine patents and has published many scholarly articles in peer-reviewed journals.

In 2001, Galm co-founded LayerZero Power Systems, Inc., which grew to become the world leader in ultra-reliable AC power management equipment for mission-critical applications, including AI and machine learning, hyperscale computing data centers, semiconductor manufacturing, and financial transaction processing. The two owners sold a majority interest in LayerZero to a global private equity firm in 2025.

Dr. Galm holds a Ph.D. and M.S. in Electrical Engineering and Applied Physics, and a B.S. in Electrical Engineering and Applied Physics from Case Western Reserve University. He is a Professional Engineer licensed to practice in Ohio. Now retired, Dr. Galm serves on boards of directors for LayerZero and Type One Energy.

Galm's gift represents a significant investment in ARRL's mission by supporting initiatives that help develop students as innovators, protecting the future of amateur radio spectrum, and strengthening the organization for generations to come.



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CB (11 METER)
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modes for total flexibility



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with channel information



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reliable performance



RUGGED & COMPACT DESIGN
Built tough for mobile, base
or on-the-go use



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VOX, TOT, NRC, Hi-Cut, more

COMPLETE COMMUNICATION KIT



AT-6666 PRO Radio



Hand Microphone
with 6-Pin Plug

STANDARD ACCESSORIES



Radio



Microphone



Install Bracket



Screws



Pads



Adjusting Screws



Microphone
Hanger



Fuse
(15A 250V)

SPECIFICATIONS

GENERAL		TRANSMITTER	
Frequency Range	28.000-29.700MHz (Programmable)	Power Output	AM: 80W(PEP) / FM: 50W / SSB: 80W(PEP)
Frequency Band	A/B/C/D/E/F/G/H/I + VFO	Drain	15A (with modulation)
Channel	40 channels (programmable) in each band	Modulation	FM/AM/USB/LSB/CW
Frequency Control	Phase-Locked-Loop Synthesizer	Inter-modulation	SSB: 3rd order, more than -25dB; 5th order, more than -35dB
Frequency Step	10Hz, 100Hz, 1KHz, 5KHz, 10KHz, 100KHz, 1MHz	Distortion	
Frequency Tolerance	±5.0 ppm	SSB Carrier Suppression	55dB
Temperature Range	-20°C ~ +50°C	Unwanted Sideband	50dB
Input Voltage	With Push-to-Talk / UP / DN / PF and coiled cord	Frequency Response	AM/FM: 300 to 3000Hz SSB: 450 to 2500Hz
Dimensions (in mm)	13.8V DC	Output Impedance	50ohms, unbalanced
Weight	1.27kg		
Antenna Connector	UH-4, SO239		

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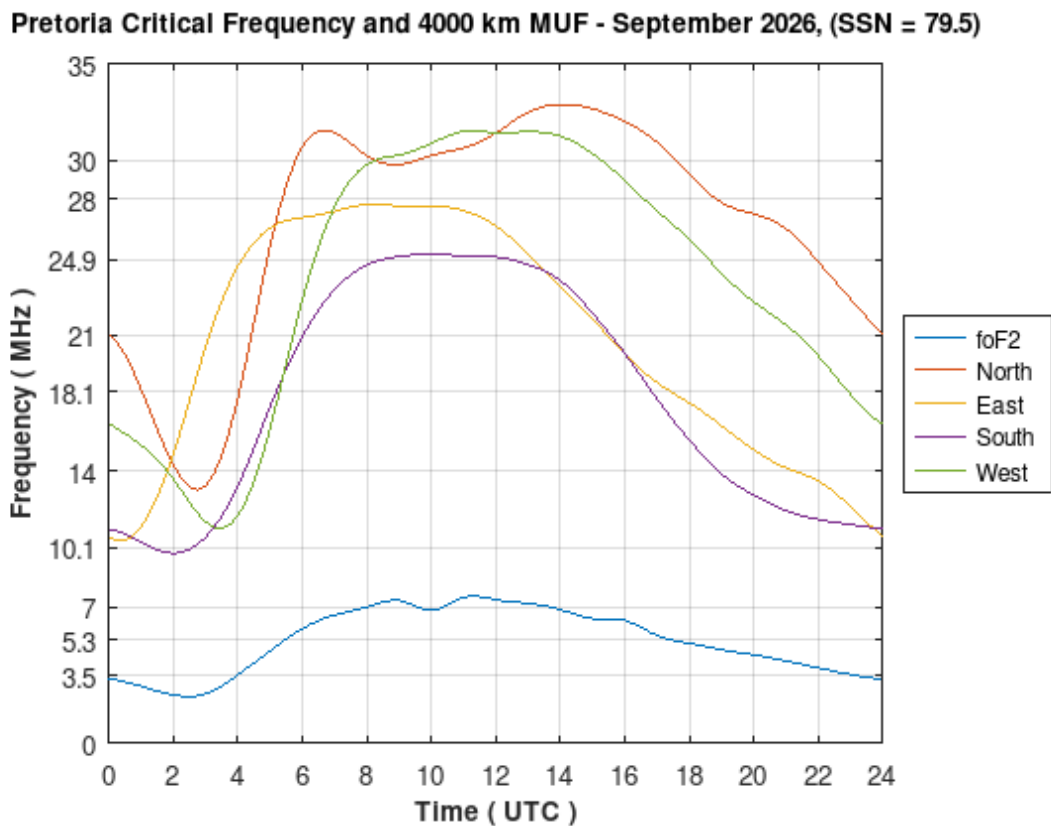
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sales@radiosmart.co.za

Long Term HF Propagation – September 2026 - Vincent, ZS6BTY

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



Local Propagation (up to 500 km): The F or F2 critical frequency (f_oF2) 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 are 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_oF2 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>)

#TEAMHILUX RALLY-RAID

SAVE THE DATE FOR THE
2026 SEASON.

19-20 JUN

Parys

28-29 AUG

Langkloof
Valley

24-26 JUL

Stella

9-10 OCT

Vryheid

13-14 NOV

Thabazimbi





MOTORSPORT SOUTH AFRICA NPC

Reg. No 1995/005605/08

www.motorsport.co.za

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e-mail: msa@motorsport.co.za Telephone (011) 675 2220

MSA NATIONAL RALLY CHAMPIONSHIP CIRCULAR 4 OF 2026

Affected parties are hereby advised of the following amendment to the 2026 MSA National Rally Championship Calendar, effective immediately:

DATE	NAME OF VENUE	PROVINCE	ROUND	STATUS
10 – 11 July 2026	Gqeberha	Eastern Cape	4	POSTPONED
10 – 11 July 2026	Legends	Gauteng	4	VENUE AMENDED
21 – 22 August 2026	Ermelo	Mpumalanga	5	
25 – 26 September 2026	Gqeberha	Eastern Cape	6 & 7	VENUE AMENDED
30 – 31 October 2026	Dullstroom	Mpumalanga	8	

MSA apologises for any inconvenience caused by this change, but it is due to circumstances beyond MSA's control.

For any further information, please do not hesitate to contact Charmaine Fortune -
charmaine@sarallyraid.co.za

CARMEN HILL
SPORTING SERVICES MANAGER
26 June 2026

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



Chairperson: Ms. C. Low, Directors: V. Maharaj (Chief Executive Office), P. Zeelle (Financial),
Ms. T. Human, Mrs. S. Labuscagne-Jonck, Ms. K. Mohun, D. Ramchander, Ms. M. Spurr
Interim Appointed Directors: X. Letlaka, N. Townsend

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

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 7.066 MHz by Pierre ZS6PS and Corlie ZS6CHS Smit and on Echolink by Johan Lehmann 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. Die 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 7.066 MHz deur Pierre ZS6PS en Corlie ZS6CHS Smit, en op Echolink deur Johan Lehmann ZS6JPL.

'n Heruitsending van die Bulletin geskied die opvolgende Maandag aand om 19h45, en word behartig deur Louis de Wet ZS6SK.

PARC Bulletin Presenters: September 2026 – October 2026

Date	Presenter	Date	Presenter
6 September 2026	Alméro Du Pisani ZS6LDP	4 October 2026	Alméro Du Pisani ZS6LDP
13 September 2026	Louis de Wet ZS6SK	11 October 2026	Louis de Wet ZS6SK
20 September 2026	Alméro Du Pisani ZS6LDP	18 October 2026	Alméro Du Pisani ZS6LDP
27 September 2026	Louis de Wet ZS6SK	25 October 2026	Louis de Wet ZS6SK



Housekeeping



Want to stay in the loop with PARC?
If you'd like to join the PARC WhatsApp group, simply share your contact details with any committee member — we'll make sure you're added and welcomed aboard!

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

Membership Fees & Financial Year Reminder

To help members stay in sync with club commitments, please note that our financial year runs from **1 July to 30 June**. Membership fees are payable annually during the month of July, marking the start of our new financial cycle.

We encourage all members to renew their subscriptions in July to ensure uninterrupted participation in club activities and communications.

**** If membership fees remain overdue for three months, the membership will automatically be marked as inactive.**

Each member is responsible for updating and maintaining their personal information on the website.

PARC Committee Members | PARK Komiteelede

Name & Callsign	Portfolio/s	Email Address	Mobile No
Graham Reid ZS6GJR	Chairman Treasurer Rallies	greid@wol.co.za	083-701-0511
Irene Myburgh ZS6IEA	Vice Chairlady Secretary Social	irene.myburgh@outlook.com	082-462-6001 084-544-0618
Hendri Ehlers ZS6HFE	Website & Social Media ICASA Liaison Repeaters	zs6hfe@gmail.com	083-460-5586
Louis de Wet ZS6SK	Club Historian Awards SARL Liaison	louis.zs6sk@gmail.com	072-140-9893
Martie Venter ZS6MV	Watts Newsletter RAE Training Club Membership	zs6mv73@gmail.com	072-273-1370

Co-opted Committee Members | Gekoöpteerde Komiteelede

Name & Callsign	Portfolio/s	Email Address	Mobile No
Alméro Du Pisani ZS6LDP (Hon.)	Flea-markets Swop Shop	almerodps@gmail.com	083-938-8955
Pieter Myburgh ZS6PAM	Repeaters	wooden@mweb.co.za	076-140-7562
Pierre Holtzhausen ZS6PJH	Contests	zs6pjh@gmail.com	082-575-5799

To every reader, supporter, and contributor who's tuned in to Watts—thank you. Whether you've shared a story, sparked a laugh, or simply kept the signal strong by reading along, you're part of what makes this frequency worth broadcasting.

We'd love to hear more from you. Got a quirky club tale, a burning question, a bright idea, or a moment worth amplifying? Send it our way at watts@parc.org.za. The mic is always open, and your voice keeps the airwaves alive.

Stay curious, stay connected—and keep the dial on Watts. 73