



# WATTS 2021-12

Year 91 + 12m

Monthly Newsletter of the Pretoria Amateur Radio Club  
Maandelikse Nuusbrieff van die Pretoria Amateur Radio Klub

✉ PARC, PO Box 73696, Lynnwood Ridge 0040, RSA

🌐 <http://www.parc.org.za> [zs6pta@zs6pta.org.za](mailto:zs6pta@zs6pta.org.za)

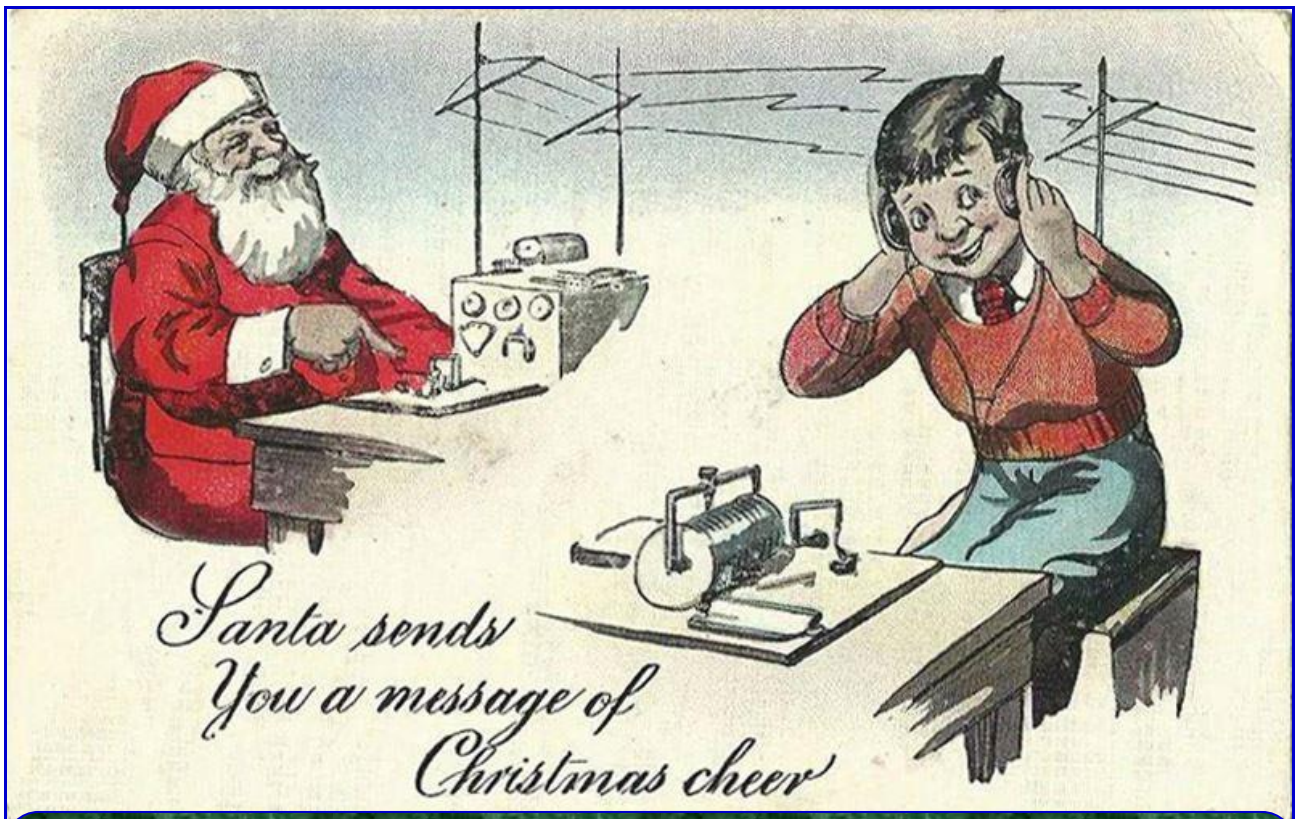


**Bulletins : 145.725 MHz : Sundays from 08h45 / Sondag vanaf 08h45**

Relays: 1.840, 3.700, 7.066, 10.135, 14.235, 51.400, 438.825, 1297 MHz  
and Echolink. Activated frequencies are announced prior to bulletins

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

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



*The Pretoria Amateur Radio Club hereby sincerely thanks our readers and members for your support. May you have a blessed Christmas season, and may the new year be filled with wonderful prospects.*

*Die Pretoria Amateur Radioklub bedank graag ons lesers en lede vir jul ondersteuning. Mag u 'n geseende Kersseisoen beleef, en mag die nuwejaar gevul wees met wonderlike voortuitsigte.*

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PARC Committee Meeting /  
PARK Komitee Vergadering

### Club Committee Meeting :

The next Meeting for the 2021/2 PARC Committee will take place in January 2022. The date will be announced to Members.

## Birthdays and Anniversaries / Verjaarsdae en Huweliks Herdenkings

### Member's Birthdays December 2021 / Lede Verjaarsdae Desember 2021

01 Pieter Fourie ZS6CN	23 Johnny Scott ZS6JSS
02 Antoinette Liebenberg ZS6D	23 Reichardt Groenewald ZS6VLT
07 Tim Meyer ZS6TIM	27 Pierre Britz ZR6ADZ
08 Hans Kappetijn ZS6KR (Erelid)	28 Allan De Souza ZSÂVC
15 Alméro Du Pisani ZS6LDP	30 Hans van de Groenendaal ZS6AKV
20 Jurie Ferreira ZS6JFE	31 Henk Stuivenberg PA0STU

#### Spouse's December 2021 / Desember 2021

02 Antoinette ZS6D, gade van Danny Liebenberg ZS6AW
06 Sylvia, gade van Tjerk Lammers ZS6P/ZS1J (Erelid)
21 Retha, gade van Roy Newton ZS6XN
23 Dienkie, gade van Pierre Britz ZR6ADZ

#### Anniversaries December 2021 / Herdenkings Desember 2021

02 Ria en Henk Stuivenberg PA0STU
05 Mary and Nico Michael ZS6BVR
08 Avida en Theo Bresler ZS6TVB
24 Belinda en Johnny Scott ZS6JSS

### Member's Birthdays January 2022 / Lede Verjaarsdae Januarie 2022

05 Pierre Holtzhausen ZS6PJH	12 Gustav Snyman ZS6BWN
07 Bertus Viljoen ZS6VIL	18 DP Du Toit ZR6DP
10 Wynand Wessels ZR6WW	21 Albert Screuder ZS6SE

#### Spouse's January 2022 / Gades Januarie 2022

10 Jessica, gade van Ben Greyling ZS6YVC
15 Moira, gade van Fanus Ferreira ZS6BUH
18 Zeld, gade van Wynand Wessels ZR6WW
25 Magriet, gade van Tobie Jansen van Rensburg ZS6ZX

#### Anniversaries January 2022 / Herdenkings Januarie 2022

05 Louise en Alméro Du Pisani ZS6LDP
11 Judy and Basil Botha ZS6O
16 Riana en Leon Fouche ZS6LEF
20 Helga en Hans-Peter Knoepfler ZS6AJS

### PARC Committee Members : 2020 - 2021 / PARK Komiteede : 2021 - 2022

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

### PARC Co-opted Members : 2019 - 2020 / PARK Ge-koopteerde Lede : 2019 - 2020

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

### PARC Membership Fees / PARK Ledegelde

PARC SUBS : PARK LEDEGELD : FROM / VANAF : 2021-10-31

Bank	First National Bank	<b>Ordinary Members / Gewone Lede : R160</b> <b>Spouses and Pensioners : R60</b>	<b>Your call sign must appear as statement text!</b>
Branch Code	25 20 45		
Account No	546 000 426 73		

Please remit your subs in time to our Treasurer, or pay per transfer into the PARC account  
 Betaal asb. u ledegelde betyds aan ons Tesourier, of betaal per 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 Sondagoggende 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 : December 2021 - March 2022			
Date	Presenter	Date	Presenter
19 December 2021	Louis de Wet ZS6SK	30 January 2022	Louis de Wet ZS6SK
26 December 2021	Johan de Bruyn ZS6JHB	06 February 2022	Johan de Bruyn ZS6JHB
02 January 2022	Alméro Du Pisani ZS6LDP	13 February 2022	Alméro Du Pisani ZS6LDP
09 January 2022	Louis de Wet ZS6SK	20 February 2022	Louis de Wet ZS6SK
16 January 2022	Johan de Bruyn ZS6JHB	27 February 2022	Johan de Bruyn ZS6JHB
23 January 2022	Alméro Du Pisani ZS6LDP	06 March 2022	Alméro Du Pisani ZS6LDP

### **BULLETINS READERS NEEDED**

PRETORIA AMATEUR RADIO CLUB REQUIRES THE ASSISTANCE OF TWO BULLETIN READERS ON SUNDAY MORNINGS. IF YOU ARE INTERESTED IN BECOMING PART OF THE TEAM PLEASE CONTACT: Louis de Wet: [louis.zs6sk@gmail.com](mailto:louis.zs6sk@gmail.com)

### PARC Bulletin Listeners Club / PARK Bulletin Luisteraarsklub

Pretoria Amateur Radio Club hereby sincerely thanks all listeners local, provincial and international for their appreciated support during Sunday morning bulletins. We hereby invite all listeners to join the PARC Bulletin Club by sending an email to Louis de Wet at [louis.zs6sk@gmail.com](mailto:louis.zs6sk@gmail.com). If you wish to send a photograph of yourself in your radio shack or a copy of your QSL card, it will be published in Watts. A pdf format certificate of membership will be emailed to you.

## Diary of Contests & Events / Dagboek van Kompetisies en Gebeure

Contests and Events - December 2021 / Kompetisies en Gebeure - Desember 2021 (UTC Times)	
03 - 05	ARRL 160-Meter Contest: 2200Z - 1600Z
04 - 05	PRO CW Contest: 1200Z - 1159Z
07	Worldwide Sideband Activity Contest: 0100Z - 0159Z
11 - 12	ARRL 10-Meter Contest: 0000Z - 2400Z
11 - 12	International Naval Contest: 1600Z - 1559Z
14	Worldwide Sideband Activity Contest: 0100Z - 0159Z
15	NAQCC CW Sprint: 0130Z - 0330Z
17	Russian 160-Meter Contest: 1800Z - 2200Z
18 - 19	ARRL EME Contest: 0000Z - 2359Z
18 - 19	Croatian CW Contest: 1400Z - 1400Z
21	Worldwide Sideband Activity Contest: 0100Z - 0159Z
22	NAQCC CW Sprint: 0130Z - 0330Z
25 - 26	Gedebage CW Contest: 1200Z - 1159Z
26	DARC Christmas Contest: 0830Z - 1059Z
28	Worldwide Sideband Activity Contest: 0100Z - 0159Z
Contests and Events - January 2022 / Kompetisies en Gebeure - Januarie 2022 (UTC Times)	
01	SARTG New Year RTTY Contest: 0800Z - 1100Z
01	AGCW Happy New Year Contest: 0900Z - 1200Z
04	Worldwide Sideband Activity Contest: 0100Z - 0159Z
05	UKEICC 80-Meter Contest: 2000Z - 2100Z
06	NRAU 10-Meter Activity Contest (CW): 1800Z - 1900Z
06	NRAU 10-Meter Activity Contest (SSB): 1900Z - 2000Z
06	NRAU 10-Meter Activity Contest (FM): 2000Z - 2100Z
06	NRAU 10-Meter Activity Contest (Digital): 2100Z - 2200Z
08	RSGB AFS Contest, CW: 1300Z - 1700Z
08	EUCW 160-Meter Contest: 2000Z - 2300Z
09	EUCW 160-Meter Contest: 0400Z - 0700Z
09	DARC 10-Meter Contest: 0900Z - 1059Z
09	NRAU Baltic Contest, CW: 0900Z - 1100Z
10	NRAU Baltic Contest, SSB: 0630Z - 0830Z
11	Worldwide Sideband Activity Contest: 0100Z - 0159Z
15 - 16	Hungarian DX Contest: 1200Z - 1159Z
15 - 16	North American QSO Party, CW: 1800Z - 0559Z
15 - 16	UBA PSK63 Prefix Contest: 1200Z - 1200Z
16	RSGB AFS Contest, Data: 1300Z - 1700Z
18	Worldwide Sideband Activity Contest: 0100Z - 0159Z
20	NAQCC CW Sprint: 0130Z - 0330Z
22 - 23	North American QSO Party, SSB: 1800Z - 0559Z
25	Worldwide Sideband Activity Contest: 0100Z - 0159Z
26	UKEICC 80-Meter Contest: 2000Z - 2100Z
28 - 30	CQ 160-Meter Contest, CW: 2200Z - 2200Z
29 - 30	UBA DX Contest, SSB: 1300Z - 1300Z

The Pretoria Amateur Radio Club does not accept responsibility for the accuracy of contest details listed above. For verification and more information, please visit the SARL website, [www.sarl.org.za](http://www.sarl.org.za), as well as the WA7BNM international contest calendar at the following website: <http://hornucopia.com>

## In Remembrance: Silent Keys / In Herinnering: Stil Sleutels

During the past two years we have lost a number of our dear friends and fellow Radio Amateurs. We sincerely miss you as you have been so precious in your presence in the Pretoria Amateur Radio Club. We hereby remember and honor you for your contributions towards PARC and Amateur Radio.



Johan Classen ZS6IAM



Fritz Sutherland ZS6SF



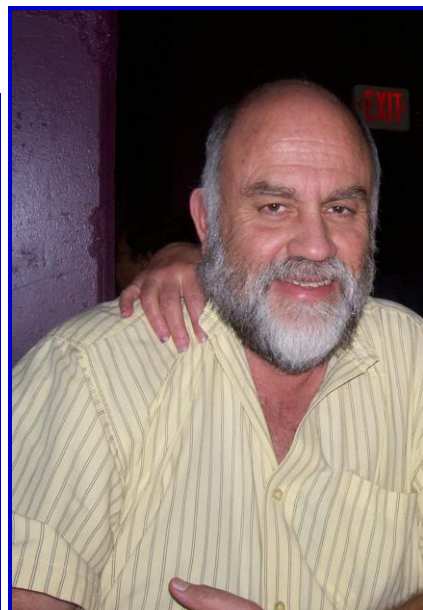
Tony Crowder ZS6CRO



Hansie Meyer ZS6AIK



Jaco Cronje ZR6CMG



Jurgen (JB) de Beer ZR6YV

## Pieter ZS6CN en Annatjie Fourie



Op die 9<sup>de</sup> Oktober het Annatjie en Pieter Fourie ZS6CN hul 50<sup>ste</sup> huweliks herdenking gevier. Pieter en Annatjie is vir baie jare bekend gewees vir hul bydraes tydens motor tydrenne. Annatjie en Pieter het twee kinders, Wilma, wat getroud is met Nic Louw ZS6NWL, en Pieter, wat getroud is met Christine. Hulle is geseënd met 4 kleinkinders. Graag wens PARK julle van harte geluk met jul besondere mylpaal, en mag daar nog baie wonderlike jare vir julle voorlê Annatjie en Pieter!

## PARC Annual General Meeting / PARK Algemene Jaarvergadering

Die Algemene Jaarvergadering van die Pretoria Amateur Radioklub is op die 25<sup>ste</sup> September aangebied by die Pretoria Ou Motorklub. Die verrigtinge is geopen die Johan de Bruyn ZS6JHB, die Voorsitter van PARK. Die notules van die 2020 AJV is deur die sekretaresse Irene Myburgh ZS6IEA voorgelees, en deur almal teenwoordig aanvaar as korrek. The finances of the previous financial year were presented by the Treasurer Graham Reid ZS6GJR, reporting that the finances of PARC were in an excellent state. Johan de Bruyn followed by reading his Chairman's report, which is presented below:

### 91<sup>st</sup> Annual General Meeting of PARC 25 September 2021 Chairman's Report: Johan de Bruyn ZS6JHB

Dear members of the Pretoria Amateur Radio Club and guests, welcome to the 91st AGM and thank you for attending the meeting.

#### Silent keys

They key of Johann Jurgen (JB) de Beer fell silent on 30th June 2021 due to Covid-19 complications. JB was a member of PARC for 42 years and also an Honorary member. JB was involved with rallying for many years such as the Total, Castrol and Sasol international Rallies as well as numerous regional events. He also acted as COC on a couple of Regional Rallies.

#### Club membership

The PARC membership currently is 129 paid up members and thank you to you all for your support and loyalty.

#### Finances

We sincerely thank Graham Reid ZS6GJR for his dedicated effort to manage and keep the Club's finances up to date and in order.

Also, a big thank you to our auditor, Albert Schreuder ZS6SE for auditing the Club's finances.

#### Secretarial

The backbone of the committee, Irene Myburgh ZS6IEA, thank you for your excellent service as club secretary and your accurate taking and swift production of the committee meetings minutes and organizing of the on-line ZOOM meetings during the lockdown period.

#### PARC Website

Thank you Graham ZS6GJR for the maintenance and administration of the Club's website and liaising with the host of the domain whenever any problems arose.

#### Bulletins

As you all know is the Club's Sunday morning bulletins an essential medium to communicate with our club members as valuable information and news regarding the club and SARL matters is being broadcasted.

1. Thank you Almero Du Pisani ZS6LDP for playing back the SARL Bulletin in Afrikaans every Sunday and the report back on Echolink listeners.
2. Thank you Hans Kappetijn ZS6KR for reading the SARL Bulletin in English and relaying the bulletins on 40m, call ins on 40m Swop Shop and playing back the PARC bulletin on Monday evenings at 19h45.
3. Thank you Irene Myburgh ZS6IEA for reading and recording of the SARL bulletins in Afrikaans.

4. Thank you Johan Lehman ZS6JPL for providing and maintaining the Echolink service and repeater to PARC.
5. Thank you Louis de Wet ZS6SK for hosting PARC bulletins and filling in whenever needed and making sure every Sunday that the designated bulletin reader is available and if not taking responsibility to either present the bulletin or ask someone else to fill in.
6. Thank you Albert Schreuder ZS6SE for hosting PARC bulletins.

### **Rallies**

The Rally team for many years and hopefully many more to come provided essential radio communication at number of events the past year being it as a Control station, Mobile station or Field station.

1. Thank you to Graham ZS6GJR and his SW Joey for manning the Control station.
2. Menno ZS6AGC - CAR 0

### **Field Stations**

Willie ZR6WGR, Sandy ZS6ICE, Pieter ZS6PAM, Irene ZS6IEA, Dawid ZS6VS, Willie ZS6WVN, Annelie ZS6AVN, Willem ZS6JNB and Sharon ZS6WNR and Louis ZS6SK, visiting various stages and taking photos which is published in WATTS.

### **Repeater**

I am happy to report that we did not experience any mayor repeater breakdowns other than loadshedding from time to time.

### **Fleamarket**

Almero ZS6LDP, Thank you for organizing and hosting the club's Fleamarkets during the past year at the Pretoria Old Motor Club in Silverton. These events are always well attended by bargain hunters and vendors selling and buying Radio components, antennas, radios, used and new.

### **WATTS**

Louis ZS6SK, have been the editor of WATTS for the last five years and is doing a tremendous job as editor. Thank you to our members who are contributing on a regular basis and our thanks to Hans ZS6KR and Vincent ZS6BTY.

Also, a big thank you to Vincent for the electronic distribution of WATTS every month.

### **Contests**

Under the leadership of Albert ZS6SE, a number of club members have participated in a number of local and international contests and were well supported by Hans ZS6KR, Pierre ZS6PJH, Gerrie Leonard ZS6GTK, Theo Bressler ZS6TVB and Zack Pienaar ZS6AK. Thank you to on and all for flying the ZS6PTA flag.

### **RAE**

Thank you John ZS6LED for your dedicated work and contributions with the RAE training and getting prospective Radio Amateurs registered for the RAE exams.

### **In conclusion**

Thank you to the committee for your patience and support during the past year. The lockdown regulations have placed a severe restriction on the Club's activities but I am happy to say that it did not dampen the Ham Spirit in our club.

Thank you very much for your attendance and enjoy the braai.

Sincerely

**Johan de Bruyn ZS6JHB**  
**Pretoria Amateur Radio Club**



No motions were submitted preceding the AGM, and the meeting moved to the election of a new Committee, General Matters and the presenting of awards.

The following persons were elected to the 2021-22 Committee, and their portfolios allocated during a subsequent Committee Meeting:

Johan de Bruyn ZS6JHB:	Chairman, Membership, Repeaters, Rallies
Louis de Wet ZS6SK:	Vice Chairman, Watts, Bulletins, SARL & ICASA liaison
Irene Myburgh ZS6IEA:	Secretary, SARL Bulletin reader
Graham Reid ZS6GJR:	Treasurer, PARC Website

Following the election of the 2021-22 Committee, awards were presented to the following persons:

### **General Awards:**

Jack Bennett five-metre trophy (for vhf/uhf/6m activity) - Not awarded  
ZSL Trophy (to most promising non-licenced member) - Not Awarded  
SARL Piet Roos award (for best contribution to WATTS - Louis de Wet ZS6SK and certificates to Hans Kappetijn ZS6KR and Nico Michael ZS6BVR.  
Eric Brook Memorial Constructors trophy (HF construction) - Not awarded  
Desert Island award (The serious Fun trophy - Not awarded  
Pretoria Hamspirit trophy (for HAM spirit) - Louis de Wet ZS6SK  
Sunny-Don practical assistance trophy (for assisting others) - Zack Pienaar ZS6ZAK and Gerrie Leonard ZS6GTK  
Hansie Meyer contest participation award - Hans Kappetijn ZS6KR  
Roy Alexander VHF constructor's trophy (VHF construction) - Not awarded  
Roy Alexander Rally trophy - Graham Reid ZS6GJR and Joey Reid

### **Merit Awards for Rally Support and Participation**

Willie Greyling ZS6WGR and Sarina Greyling  
Menno Havelaar ZS6AGC  
Sandy Havelaar ZS6ICE  
Johan de Bruyn ZS6JHB and Corrie de Bruyn  
Graham Reid ZS6GJR and Joey Reid  
Piet Myburgh ZS6PAM  
Irene Myburgh ZS6IEA  
David Jansen van Rensburg ZS6VS  
Willie van Niekerk ZS6WVN  
Annelie van Niekerk ZS6AVN

### **Support at Fleamarkets**

Almero du Pisani ZS6LDP  
Johan de Bruyn ZS6JHB  
Corrie de Bruyn  
Louis de Wet ZS6SK

### **Bulletin Readers**

Hans Kappetijn ZS6KR  
Johan Lehman ZS6JPL  
Irene Myburgh ZS6IEA  
Alméro Du Pisani ZS6LDP  
Johan de Bruyn ZS6JHB  
Louis de Wet ZS6SK

### **RAE Training**

John Minter ZS6LED

The AGM was concluded by a very interesting presentation by Nico Michael ZS6BVR on the characteristics and capabilities of the Nano Vector Network Analyzer, and comparisons with general SWR meters. PARC sincerely thanks Nico for his time and kind feedback on questions after his presentation.

Some photographs taken during the AGM are presented on the following pages.



**Graham preparing for the meeting and Johan reading his report with Irene taking minutes**



**Guest speaker Nico Michael on the characteristics of the Nano Vector Network Analyzer**



Roy Alexander Rally trophy was awarded to Graham ZS6GJR and Joyce Reid



Hans Kappetijn and Nico Michael ZS6BVR receiving Piet Roos certificate awards for contributions to the Watts Newsletter



**Hans Kappetijn ZS6KR (Hon. Member) receiving the Hansie Meyer award for contest participation**



**Louis de Wet ZS6SK receiving the Piet Roos (Watts Newsletter) and Ham Spirit awards**

## PARK Snuffelmark / PARC Fleamarket

Die laaste PARK snuffelmark vir 2021 is gehou op 4 Desember by die gebruiklike Pretoria Ou Motorklub. PARK bedank graag van harte vir Alméro Du Pisani ZS6LDP vir sy harde werk en toewyding met die reël van die snuffelmarkte, wat elke keer 'n groot sukses is. Johan de Bruyn ZS6JHB en Louis de Wet ZS6SK word bedank vir die verkoop van die worsrolle en die toepassing van die covid protokol. En laastens, maar ook soveel, word die besoekers van PARK en ander klubs met groot waardering bedank vir hul ondersteuning aan die snuffelmark.

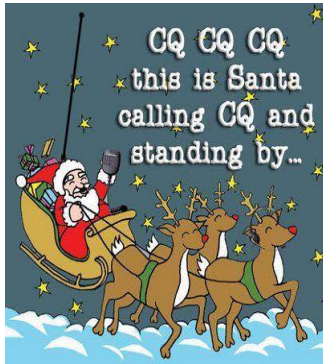
Alméro het reeds die datums vasgestel vir die 2022 snuffelmarkte, wat vervolgens aangedui word, en in opvolgende uitgawes van Watts geadverteer sal word.

**2 April 2022 ; 7 Mei 2022 ; 30 Julie 2022 ; 29 Oktober 2022**









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

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- 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**