



WATTS 2023-09

Year 93 + 09m

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



1981

Hans, ZS6BSZ, has only been licensed one year, but he was a very welcome addition to the Contest.

SPECIAL TRIBUTE ISSUE: Hans Kappetijn ZS6KR (1944 - 2023)

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PARC Committee Meeting /
PARK Komitee Vergadering

The next Meeting for the 2023 PARC Committee will take place on 28 September 2023 at the Waterlab Offices.

Birthdays and Anniversaries / Verjaarsdae en Huweliks Herdenkings

Member's Birthdays September 2023 / Lede Verjaarsdae September 2023

02 Vernon Fryer ZS6AIG
 13 Zack Pienaar ZR6ZAK
 15 Willie van Niekerk ZS6WVN
 18 Louis Coetzee ZS6GLC
 20 Hugo Pretorius ZS6HP / ZS1WS
 21 Johan de Bruyn ZS6JHB

26 Pieter Malan ZS6OP
 26 Jacques Snyman ZS6QS
 26 Graham Reid ZS6GJR
 27 Ryan Gibson ZS6GGR
 28 Jakes Kruger ZS6JLK
 28 Irene Myburgh ZS6IEA

Spouse's September 2023 / September 2023

16 Annelize, gade van De Jager Burger ZS6ZO
 27 Liezel, gade van Sybie van der Spuy ZS6SY
 28 Irene ZS6IEA, gade van Pieter Myburgh ZS6PAM

Anniversaries September 2023 / Herdenkings September 2022

02 Sarah and Elias Tibane ZR6TT
 03 Selma and Joseph Katzman ZS6TB
 03 Sanette en Dennis van Schalkwyk ZR6JET
 20 Corrie en Johan de Bruyn ZS6JHB
 25 Aida en Hugo Pretorius ZS6HP
 28 Jessica en Benjamin Greyling ZS6YVC
 28 Retha en Roy Newton ZS6XN
 28 Erika en Jan Pienaar ZS6OB

Member's Birthdays October 2023 / Lede Verjaarsdae Oktober 2023

01 Evan Seligman ZS6ELI
 02 André van Tonder (Hon. Mem.) ZS6BRC
 02 Hans-Peter Knoepfler ZS6AJS
 06 Danny Liebenberg ZS6AW/ZS2E
 09 Ed Willers ZS6UT
 10 Roy Alexander ZS6MI

16 Nico Michael ZS6BVR
 18 Marcel-Ruaan van Wyk ZS6MRM
 22 Johannes Strydom ZS6ZZZ
 25 Gawie Marais ZS6GJM
 31 Pieter Myburgh ZS6PAM

Spouse's October 2023 / Gades Oktober 2023

01 Geraldine, gade van Jurie Ferreira ZS6JFE
 04 Lukas, gade van Rita Schroder ZS6SLR
 06 Fiona, spouse of Trev Thomsen Z21GX
 06 Danny, gade van Antoinette Liebenberg ZS6D
 12 Juanita, gade van Ryan Gibson ZS6GGR
 14 Wilma, gade van Nic Louw ZS6NWL
 21 Louise, gade van Alméro Du Pisani ZS6LDP
 28 Sanette, gade van Des van Schalkwyk ZR6JET
 30 Cindy, gade van Marcel van Wyk ZS6MRM

Anniversaries October 2023 Herdenkings Oktober 2023

09 Annatjie en Pieter Fourie ZS6CN
 13 Wilma en Nick Louw ZS6NWL
 15 Annelize en De Jager Burger ZS6ZO
 29 Nicolene en Cornelius Heydenrich ZS4CFH

PARC Committee Members : 2023 / PARK Komiteelede : 2023

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

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

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

PARC Membership Fees / PARK Ledegelde

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

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

**Please remit your subs in time to our Treasurer, or pay per transfer into the PARC account
Betaal asb. u ledegelde betyds aan ons Tesourier, of betaal per oorplasing in die PARC rekening**

Please Note : If your Club fees are not paid up to date, birthday details cannot be displayed in Watts

PARC Sunday Bulletins / PARK Sondag Bulletins

PARC Bulletins are presented on Sunday mornings at approximately 08h45, after the SARL Bulletins in English and Afrikaans, from 08h15. The Bulletin Presenters for the following two months are presented below. Please do contact the applicable presenter beforehand if you wish to make a contribution to the Bulletin. PARC Bulletins are broadcast on the 2-meter repeater on 145.725 MHz, and 70 cm on 438.825 and 439.025 MHz. Relays are done on 7.060 MHz by Hans Kappetijn ZS6KR and on Echolink by Johan Lehman ZS6JPL. A re-broadcast of the Bulletin is done the following Monday evening at 19h45 by Hans ZS6KR.

PARK Bulletins word op Sondag oggende aangebied om 08h45, na die SARL Bulletins in Engels en Afrikaans, vanaf 08h15. The Bulletin aanbieders vir die volgende twee maande word onder aangedui. Kontak gerus die toepaslike Bulletin leser indien u 'n bydrae tot die Bulletin wil maak. PARK Bulletins word uitgesaai op die 2-meter herhaler op 145.725 MHz, en 70cm op 438.825 en 439.025 MHz. Herleidings word gedoen op 7.060 MHz deur Hans Kappetijn ZS6KR, en op Echolink deur Johan Lehman ZS6JPL. 'n Heruitsending van die Bulletin geskied die opvolgende Maandag aand om 19h45, en word behartig deur Hans ZS6KR.

PARC Bulletin Presenters Schedule / PARK Bulletin Aanbieders Skedule

PARC Bulletin Presenters: September 2023 – November 2023

Date	Presenter	Date	Presenter
10 September 2023	Alméro Du Pisani ZS6LDP	22 October 2023	Alméro Du Pisani ZS6LDP
17 September 2023	Louis de Wet ZS6SK	29 October 2023	Louis de Wet ZS6SK
24 September 2023	Johan de Bruyn ZS6JHB	05 November 2023	Johan de Bruyn ZS6JHB
01 October 2023	Alméro Du Pisani ZS6LDP	12 November 2023	Alméro Du Pisani ZS6LDP
08 October 2023	Louis de Wet ZS6SK	19 November 2023	Louis de Wet ZS6SK
15 October 2023	Johan de Bruyn ZS6JHB	26 November 2023	Johan de Bruyn ZS6JHB

Joys and Sorrows / Lief en Leed

It is with great sadness that we announce the passing of Johnny Scott ZS6JSS. PARC hereby express our sincere condolences with his wife Belinda and family. Johnny was a well-known voice on the Sunday morning bulletins and very active with contests.



Dit is met leedwese dat ons verneem het van die afsterwe van Adriaan Johannes (Attie) Reynecke ZS6REY. Hiermee ons innige meegevoel met sy gade Anne-Marie en gesin. Attie se vriendelike opgewekte stem tydens Sondag oggend bulletins sal terdeë gemis word.

INVITATION / UITNODIGING

PRETORIA AMATEUR RADIO CLUB VETERANS BREAKFAST / VETERANE ONTBYT

30 SEPTEMBER 2023 FROM 11H00

AT THE R&R BISTRO

CNR Nico Smith St & 26th Ave Villeria



**PARC WILL PAY FOR YOUR
BREAKFAST IF YOU ARE OVER 60
YEARS.**

**PLEASE BOOK YOUR PLACE WITH IRENE
MYBURGH ZS6IEA AT 084-544-0618 OR
irene.myburgh@outlook.com**

Diary of Contests & Events / Dagboek van Kompetisies en Gebeure

Contests and Events - September 2023 / Kompetisies en Gebeure - September 2023 (UTC Times)	
02	CWops CW Open Contest: 0000Z - 2359Z
02 - 03	All Asian DX Contestr, Phone: 0000Z - 2400Z
02 - 03	SARL Field Day
09 - 10	WAE DX Contest, SSB: 0000Z - 2359Z
10	North American Sprint, CW: 0000Z - 0400Z
16 - 17	SARL VHF/UHF Digital Contest
16 - 17	Scandinavian Activity Contest, CW: 1200Z - 1200Z
17	North American Sprint, RTTY: 0000Z - 0400Z
24	ZS1 QSO Party
23 - 24	CW Worldwide DX Contest, RTTY: 0000Z - 2400Z
25	ZS SOTA Activity Day
30 - 01 Oct	UK/EI DX Contest, SSB: 1200Z - 1200Z
Contests and Events - October 2023 / Kompetisies en Gebeure - Oktober 2023 (UTC Times)	
03	German Telegraphy Contest: 0700Z - 0959Z
05	SARL 80m QSO Party: 1700Z - 2000Z www.sarl.org.za
07	Pretoria Amateur Radio Club Flea-Market: 09h00 - 13h00
07	Antique Wireless Association: Valve QSO Party: AM www.awasa.org.za
08	Antique Wireless Association: Valve QSO Party: SSB www.awasa.org.za
07 - 08	Oceania DX Contest, Phone: 0600Z - 0600Z
07 - 08	Worked all Provinces of China DX Contest: 0600Z - 0559Z
07	UE Sprint, SSB: 1500Z - 1859Z
10	10-10 International 10-10 Day Sprint: 0001Z - 2359Z
14	Spring QRP Contest
14 - 15	Scandinavian Activity Contest, SSB: 1200Z - 1200Z
18	SARL 80m Club Contest
20 - 22	JOTA
21	Radio Amateur Examination (RAE)
21	CQ Hou Koers
21 - 22	10-10 International Fall Contest, CW: 0001Z - 2359Z
27 - 28	SARL Council Meeting
28 - 29	CQ Worldwide DX Contest, SSB: 0000Z - 2400Z
The Pretoria Amateur Radio Club does not accept responsibility for the accuracy of contest details listed above. For verification and more information, please visit the SARL website, www.sarl.org.za , as well as the WA7BNM international contest calendar at the following website: http://hornucopia.com	



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

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

Next Date: 14 October from 09:30. The address is 18a Gill Street, Observatory, Johannesburg.

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

Snuffelmark Datums 2023 / Dates of Flea Markets 2023

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

PRETORIA AMATEUR RADIO CLUB

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

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



WEST-RAND AMATEUR RADIO CLUB

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

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



EAST-RAND AMATEUR RADIO CLUB

DATES: No information available
DATUMS: Geen inligting beskikbaar

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

Pretoria Amateur Radio Club Tribute to Hans Kappetijn ZS6KR

By Louis de Wet ZS6SK

Hans Kappetijn ZS6KR, Honorary Member of the Pretoria Amateur Radio Club, sadly passed away on the morning of the 6th of August 2023. PARC hereby express their sincere condolences with his son Dennis, wife Linita and grandson Kristian Kappetijn, and his daughter Sonja and husband Francois Maree for their loss. Hans was born on the 8th of December 1944 in Den Haag, Netherlands. With the Second World War raging, conditions in the German-occupied Netherlands were desperate during the brutally cold winters with food and decent shelter being very scarce. During those years, Hans used to listen on a tin-radio to news of the war from London. Post-war conditions were just as desperate, and Hans' parents took the opportunity to emigrate as attractive offers were made to skilled craftsmen.

In 1956, Hans, as the only child, and his parents boarded a ship to Cape Town, from where they travelled by train to Salisbury, Rhodesia. Hans attended the Alfred Beit Primary School, where he learned English. He completed Standard 8 at the Allan Wilson Technical High School, during which time his parents and him moved to Pretoria South Africa in 1961, where his father pursued a better career opportunity. Hans completed his Standards 9 and 10 (Electrical) at the Technical College in Vermeulen Street, Pretoria. He furthered his studies in electronics (T4) in 1967, radio communications also in 1976, radio repairs trade test in 1972, and completed his 3rd and 4th years in B.Eng at the University of Pretoria during 1974-1975. He completed his radio and television trade test in 1977, an RF circuit design course in 1989, and a course in radar systems in 1989.

During the period 1963 to 1977, Hans was employed at NEERI-CSIR in the instrumentation division where he conducted general electronic work, but progressed to the solid-state electronics division, where he was involved up to 1979 with control electronics for the vacuum laboratory, ultrasonics, thin film circuit design (CD to 4 GHz) and linear and silicon IC design. In 1979 he joined NIAT-CSIR (Aerotek) where he worked in the Surface Systems Division on vehicle control and sight electronics. From 1981 to 1991 he was promoted to Section Manager of the E&I Section of the Electro-Mechanical Facility. Here he managed various acoustic and fiber-optic projects, as well as vehicle and aircraft mounted systems, data acquisition and telemetry.

Hans left the CSIR in 1991, and established his company, QRV Technology cc, which specialized in (i) PC and UP control of industrial processes, machine control and measurement systems, (ii) analogue and digital electronic design for production process cost optimization, (iii) display, and domestic TV system maintenance, (iv) electromedical equipment R&D, ISO 9002 maintenance and production technical advisory services, (v) third-party scrutiny reporting on the design of equipment, and (vi) production of niche-market electronic equipment. In January 2011 Hans closed QRV Technology cc, and established H. Kappetijn T/A QRV Services up to 2023.

In 1979 Hans commenced his amateur radio career with a year of CW transmissions. Although nervous initially, Hans however quickly worked thousands of stations by DX and completed a lot of logbooks and collected numerous QSL cards. Around 1981 Hans decided to automate and designed a Morse-keyboard. From then on, he enjoyed contests very much because he could type with his left hand and write with his right. During that time, he purchased an XT computer and wrote a BASIC program to analyze his log and calculate his contest points.

Hans received numerous awards from the Pretoria Amateur Radio Club and the South African Radio league, of which one of his highlights was the Five-Band All Africa Award on CW. Hans was also only one of three South Africans who was placed on the CW Honors Roll of the DX Century Club (DXCC). From 2001 to 2014 Hans was the Editor of Watts, the monthly Newsletter of the Pretoria Amateur Radio Club. During this period, he wrote many short technical articles relating to Amateur Radio and received the Piet Roos Award every year during the AGM meetings of PARC. Hans was also the Chairman of the PARC from 2001 to 2004 and was well known for his management of the Swop Shop column on the PARC website. During Sunday morning bulletins Hans conducted the DX and other interesting news relating to amateur radio and provided contest news. After the SARL and PARC bulletins, Hans handled the HF call-ins and Swop Shop on the air. Hans was the author of 24 local and 4 international radio and electronics related publications.

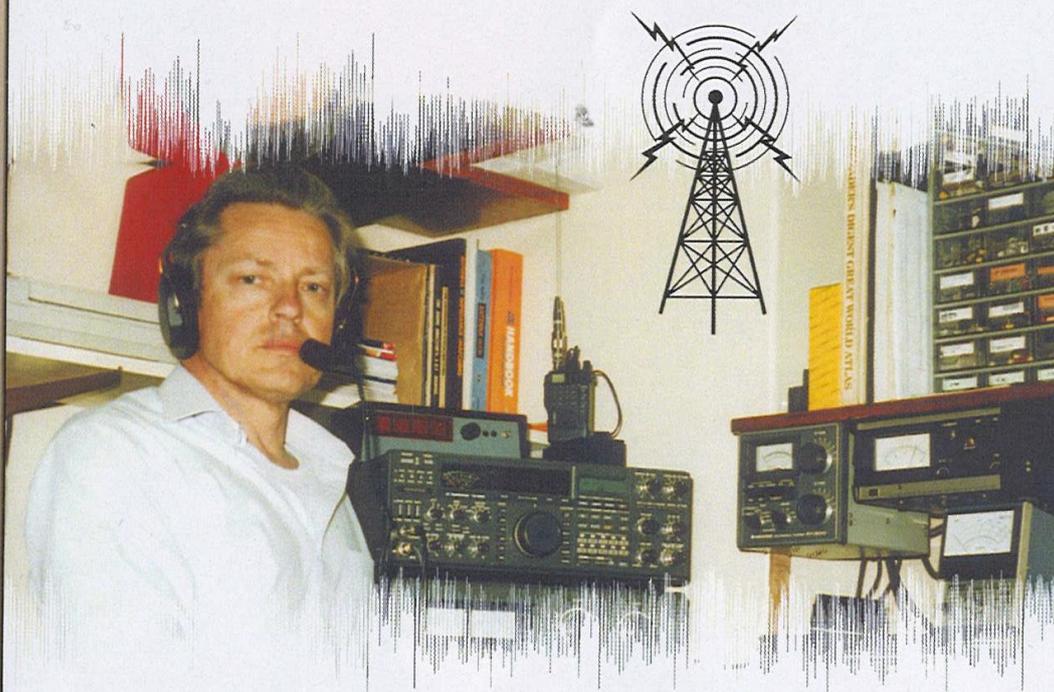
Hans married Bertha van Vuuren on the 20th of August 1966, and they had two children Dennis born 1970 and Sonja born 1971. Bertha sadly passed away on the 1st of January 2016. Hans was known as a dedicated family man who was loved deeply by his wife, children, and grandson. We will sincerely miss his voice on HF on Sunday mornings. 73 Oom Hans.

GEDENK BYEENKOMS ZS6KR

Old Pretoria Motor Club

(100 Fred Davey Ave, Silverton)

12 Augustus 2023 at 10:30

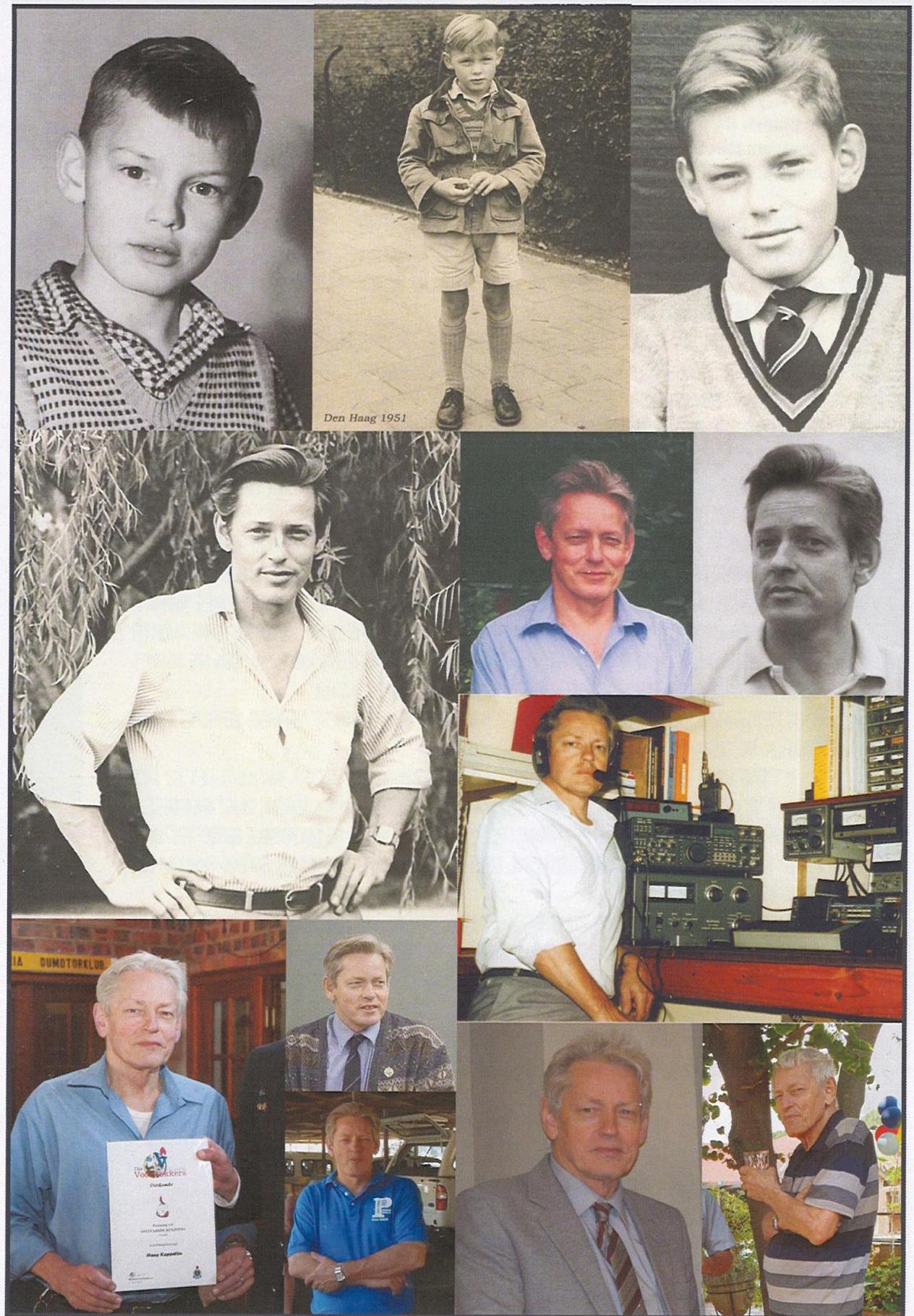


HULDEBLYKE

Vervat in die begrafnis brief asook enige
persoon wat gelei voel om iets te sê

BEDANKINGS

Francois Maree (skoonseun)



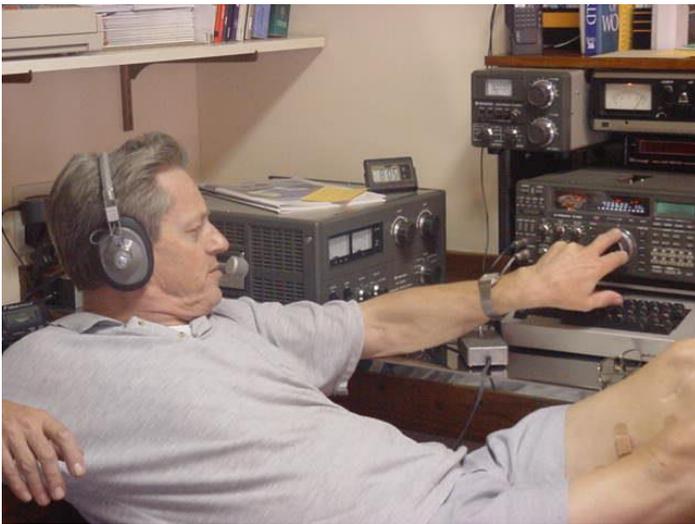
Den Haag 1951

The following pages present an overview from Watts articles from 2001 to 2023 reflecting activities where Hans was active in the Pretoria Amateur Radio Club. He received various awards and prizes in this period from PARC and the South African Radio League.

Watts 2003-06

From the Editor

This is the first e-mail electronic issue of WATTS. I have spent considerable time to downgrade my ignorance of MSWORD and figure out a suitable presentation that is acceptable for such a prestigious publication as this one.... Also, the file size must be kept down which means minimal graphic content. I have, included a color picture to show what can be done. I would be pleased to receive member's own, or shack and antenna pictures for publication. Advertisements are also welcome. Members receiving the paper version of this newsletter may not get good picture reproduction – please get onto e-mail – it is about time.



The editor in comfortable operating position some months ago after an operation...

Die redakteur in gemaklike bedryfshouding 'n paar maande gelede na 'n operasie....

Van die Redakteur

Dit is die eerste e-pos elektroniese uitgawe van WATTS. Ek het aansienlik tyd gespandeer om my onkunde van MSWORD op te gradeer en om 'n geskikte aanbieding te bedink wat hierdie gewigtige publikasie gestand doen. Ook moet die leërgrootte in bedwang gehou word wat minimale grafika inhoud beteken. Ek het 'n kleurfoto ingevoeg om te wys wat kan gedoen word.

Ek sal bly wees as lede vir my fotos van hulle self, of ark en antennas kan stuur vir publikasie. Advertensies is ook welkom. Lede wat die papieruitgawe kry, sal seker nie die beste fotoweergawe sien nie – kry asb e-pos – dis omtrent tyd.

Watts 2003-11



Hans ZS6KR satisfying a wish list



Hennie ZR6HEN and Richard



Almero ZR6RY, organiseerder

Watts 2003-12

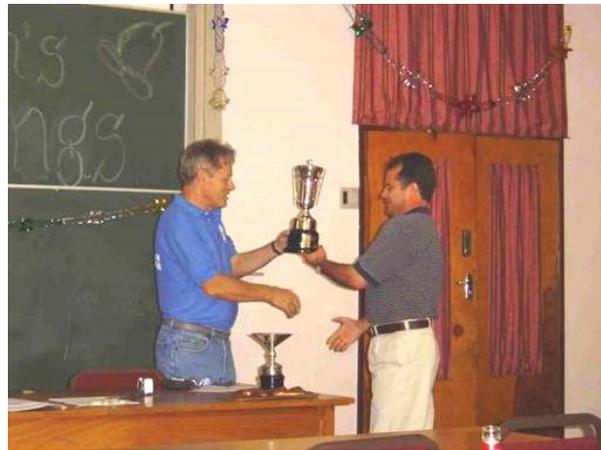


Bill ZS6KO camped for the weekend at Roodeplaat Dam



Hans ZS6KR het Saterdag die middag-skof behartig

Watts 2004-01



December 2003 Annual General Meeting: Hans receiving the Desert Island Award, and handing an award over to Vitor de Goveia.

Watts 2004-09

Management team / Bestuurspan Aug 2004- Aug 2005:

Back: Willie ZR6WGR, Almero ZR6RY, Sander ZR6SW, Richard ZR6CK, Johan ZR6JHB. Front L: Hans ZS6KR; Front R: Tjerk ZS6P



Watts 2004-11

PARC Swapshop in action – photo ca 2000



Watts 2005-03

SARL Field Day 12-13 Feb



ZR6GPC en ZS6KR



Watts 2005-09

PARC AGM

As Club Chairman, I must thank our Vice Chairman Almèro ZS6LDP, Secretary Johan ZS6JHB, Treasurer Richard ZS6UK and our awards manager Tjerk ZS6P for their support. Not to forget the 7 co-opted members Egbert ZS6AZG, JB ZR6YV, Bill ZS6KO, Johan ZS6JPL, Hans ZR6HVG, Willie ZR6WGR and Willie ZS6AEA who have smoothed our path over the last year with Technical, Social and Facility Management. Egbert ZS6AZG is our auditor and he deserves a special thanks for making sense of our financial status.

He will soon have his own word in these proceedings.

Furthermore one of the last tasks of the outgoing committee is to allocate awards and certificates to deserving members. These will shortly be handed out.

Our Club has certainly done well over the past year. I have been chairman for four consecutive years but for personal reasons can not make myself available again. I wish the incoming Committee and Chairman another successful year ahead.

Hans Kappetijn ZS6KR , Chairman PARC 8/2004- 8/2005



Watts 2007-12

VHF/UHF Sept 2007 Field Day



Hans ZS6KR in PARC regalia competing on 40m

Watts 2009-03

ZS6KR chimney special. Pivotal square tubing between two U-sections concreted 1,5m into the chimney holds two bearings and rotor for a TH3Mk3 on a steel scaffold pipe. The vertical supports are attached to the chimney sides with stand-off brackets and flat bars on top provide rigidity. Left is a dual-band X-50 antenna and right a 40/80m dipole. The shack is right below.



Watts 2014-02

Sunday morning bulletin time at ZS6KR. Elbowing for bench real estate is not uncommon!



Watts 2014-07

Editorial

With this issue of WATTS it is exactly 10 years that I have spent many evenings putting this newsletter together with content that has brought much praise to this editor and the club.

The time has however come to hand this portfolio over to someone else - after our AGM at the latest and this is thus my last issue.

Personal circumstances are becoming a pressing factor and your editor now needs to unload himself from as many responsibilities as possible. This decision is final.

WATTS has been a joy many times to compile from various sources, personal technical work and member contributions.

Being old school, much of the content has been just that – not that anything was irrelevant – but movement into current technologies needs impetus from an editor more knowledgeable in these fields who can convey this to members even from personal experiences.

For the amateur radio service to survive we must move with the times and use technologies that can be on par with national, local and worldwide hobby requirements else the fraternity will soon be extinct to the powers that are - and be considered as a playgroup wasting useful spectrum.

Our monthly newsletter should reflect this continuously to show PARC and its members as a progressive club.

I appeal that some one (or more) come forward to continue the tradition.

Hans ZS6KR



Watts 2014-08/09

Highlights of the PARC 84th AGM on Saturday 25 July 2014



Hans Kappetijn ZS6KR receiving the Voortrekker's gold medal for exceptional service, presented by Andries Visagie ZS6VL.

Watts 2019-05

Richard Peer ZS6UK handing over SARL awards to Hans Kappetijn ZS6KR (Honorary Member): Willie Wilson Gold Badge and Silent Keys Memorial Trophy, CW.



Watts 2019-07

The PARC Veteran's breakfast was held on the 29th of June 2019 at the Adler's German Family Restaurant. Members and guests who attended included (from left) Sarel ZS6EK Karin Stapelberg, Whitey Joubert ZS6JJJ, Graham ZS6GJR (Vice Chairman) and Joey Reid, Kenny ZS6KMM and Paddy Martin, Johan de Bruyn ZS6JHB and Corrie Swamers, Jan (Pine) Pienaar ZS6OB, Hans Kappetijn ZS6KR (Hon. Member), Charles Mills ZS6CJM, Richard Peer ZS6UK, Frank ZS6GE and Patricia Schneider, Paul ZS6BMF and Julie Sterling, Vincent Harrison ZS6BTY, Louis de Wet ZS6SK (Chairman) and Fritz Sutherland ZS6SF.



Watts 2021-12
PARC 2021 AGM Awards



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

Watts 2022-04
Pretoria Amateur Radio Club 90th Celebration



Hans Kappetijn ZS6KR, Frank Schneider ZS6GE, Willie van Niekerk ZS6WVN and Graham Reid ZS6GJR

Watts 2023-04
PARC Flea-Market 25th March 2023



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



2023 National Rally Calendar

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




PTT NORTH 2023 CALENDAR

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

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

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

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

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

WORLD OF MOTORSPORT ZA

WOMZA

For The Love Of It!

2023 National Rally Championship

Round 1

24/25 February Bronkhorstspuit

Round 2

31 March/1 April Lowveld Rally

Round 3

26/27 May Kroonstad

Round 4

28/29 July Ermelo

Round 5

8/9 September Secunda

Round 6

3/4 November Pretoria

2023 Regional events will take place on the Saturday only

Championship Partners



Long Term HF Propagation for September 2023: Courtesy Vincent Harrison ZS6BTY

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

Local Propagation (up to 500 km): The F or F2 critical frequency (f_oF_2) is the MUF for short range, near vertical incidence sky-wave (NVIS) propagation.

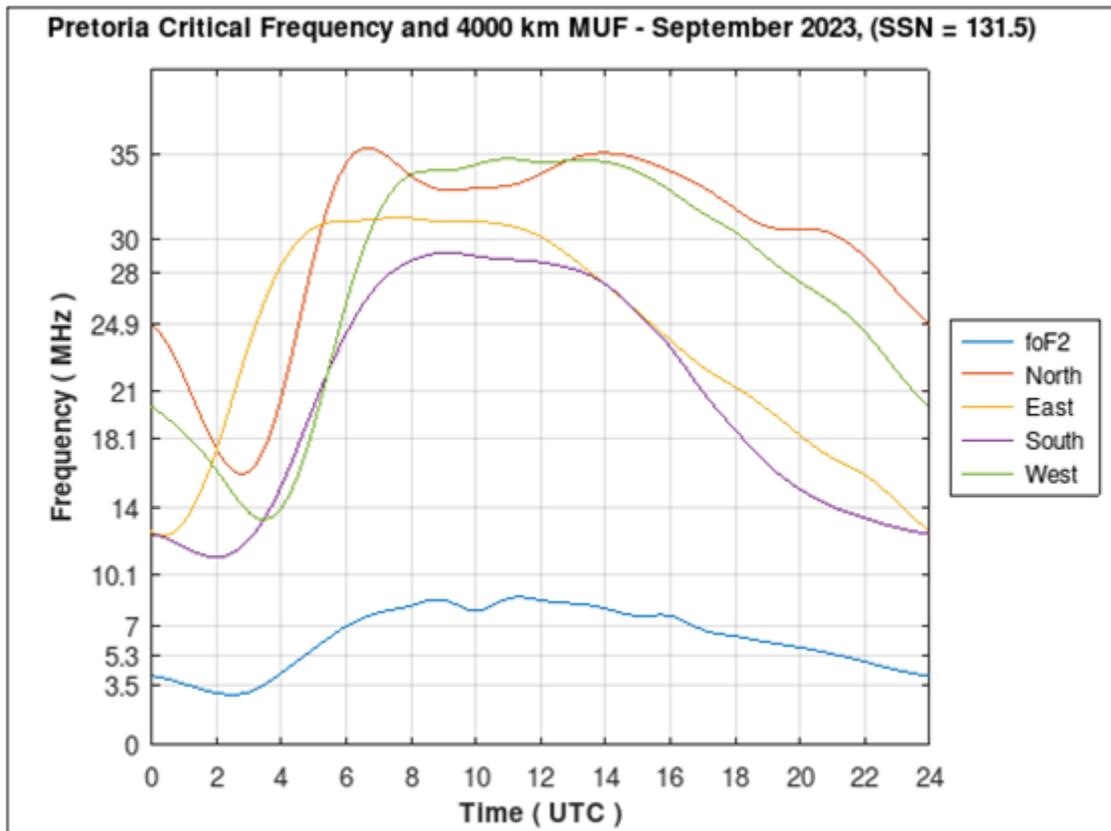
Long Distance Propagation: The MUF for a first hop of 4000 km in the cardinal directions is labeled North, East, South and West. They indicate the direction that propagation may be expected.

Worldwide Propagation Maps: <http://www.parc.org.za/index.php?page=propagation>

"Prediction is difficult, especially when dealing with the future". . . Danish Proverb. 73 Vincent, ZS6BTY

^[1]FTZMUF2: A simple method of estimating the ionospheric parameters of foF2 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>)



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