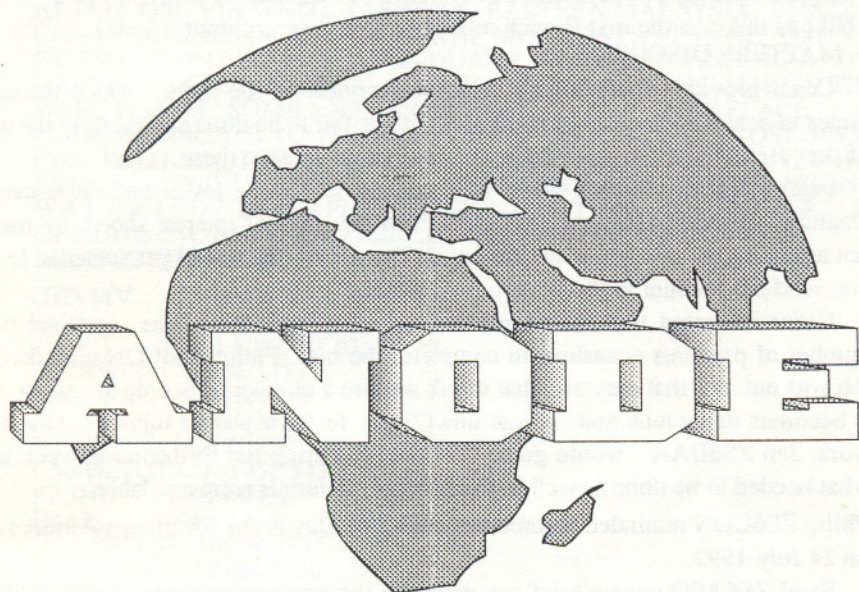


AUGUST 1993

NEWSLETTER OF THE WEST RAND BRANCH



SOUTH AFRICAN RADIO LEAGUE

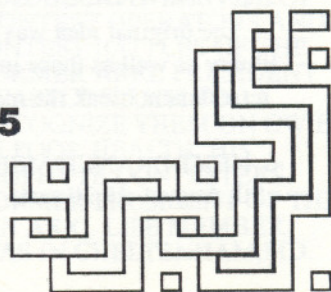
West Rand Branch

Wesrand Tak

SARL

P.O.Box

Roodepoort 1725



SOUTH AFRICAN RADIO LEAGUE:
WEST RAND BRANCH MINUTES OF THE BRANCH MEETING
HELD ON 12 JULY 1993

1. PRESENT

As per the register

2. WELCOME

Cedar welcomed all the members present and in particular a special welcome was extended to the following new members: Peter Hatrick ZR6PDL
Doreen Hatrick ZR6DDD

3. MATTERS ARISING FROM THE PREVIOUS MEETING

Nil (as this was the first Branch meeting of the new committee year.)

4. MATTERS DISCUSSED.

Cedar provided the members with an overview of the tasks which the committee hopes to achieve this year. A number of items fall to be done and therefore the assistance of the Branch members would be called upon to achieve these.

Peter ZS6ZM enquired when we intended to fix the tower and antennas of OM Daantjie ZS6AMQ. He was disappointed in the lack of interest shown by members in not attending to this and if we did not do this shortly he would get someone to do this and send the account to the Branch for payment.

Cedar indicated that we were aware of what had to be done and had tried on a number of previous occasions to complete the task. Philip ZS6CON remarked that the job was not all that easy and that it will require a number of people to assist otherwise it becomes dangerous and he was unwilling to have people injured whilst doing the work. Jan ZS6BAA would go to Carltonville during the forthcoming week to assess what needed to be done as well as to see what materials were available.

Philip ZS6CON reminded members of the Open Day at the Swartkops Airforce Museum on 24 July 1993.

Sarel ZS6APO gave a brief run down on the arrangements for the Eisteddfod to be held in September 1993. It seems likely that we will be allowed to invite a number of guests to the Official Opening Ceremony to be held on 24/9/1993. Interested members were asked to forward their names and address to him for onward transmission to the Eisteddfod Organisation. Malcolm Kriel ZR6MDK had spoken to Philip ZS6CON about coming to talk to the Branch about Infra-red scanning/ sensing equipment. This would be arranged later during the year.

5. EVENING DISCUSSIONS.

The original idea was to have a discussion about the books available from the SARL library as well as those in the Branch library however this did not occur and after a short refreshment break the meeting concluded.

6. NEXT BRANCH MEETING.

9th August 19.30 sst

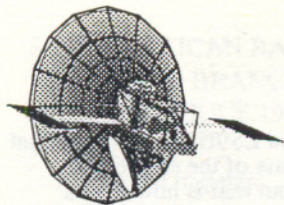
DX NEWS

Here is some DX news as received from The ARRL via ZS0HUT. We hope that you find it of interest and that you manage to work some of the exotic DX mentioned!! Appologies for the "upper case" writing but that is how it was received. You will also see that some of the events mentioned might have come and gone but this is due to the lead times involved in compiling the bulletin coupled with the production times for ANODE.

CHAGOS ISLAND. JIM, VQ9AC, ON DIEGO GARCIA, IS QUITE BUSY ON THE AIR AND PLANS TO BE ACTIVE THROUGH JULY 10. CATCH HIM ON 14030 KHZ AT 1500Z, 18084 AT 1805, 18150 AT 1718 AND 21030 AT 1422. QSL VIA WN8O. SARAWAK, EASTERN MALAYSIA. 9M8ZZ CAN BE FOUND AROUND 14200 KHZ MOST DAYS AT 1500Z. QSL VIA PA3FWG. SAINT PAUL ISLAND. DUANE, WV2B, IS PLANNING A DXPEDITION FOR JULY 9 THROUGH 12 WITH AN EMPHASIS ON THE WARC BANDS. SOME 6 METER OPERATING MAY TAKE PLACE. PLEASE INDICATE YOUR COUNTY ON YOUR QSL CARD. QSL 1993 CBA. ERITREA. THE DXPEDITION BY K5VT, JH1AJT AND DJ9ZB HAS BEEN RESCHEDULED FOR AUGUST. THIS ONE WEEK OPERATION WILL INCLUDE THREE FULL STATIONS, 80 THROUGH 6 METERS, AND OPERATE CW, RTTY, AND SSB. HEARD AND WORKED IN THE MIDWEST INCLUDE

GJ2FMV 10103/0450
TL8NG 10105/0410
3B8FG 14011 KHZ AT 0353Z
3D2RW/R 14086/1113
3D2RW/R 14126/0732
BV2TA 14006/1241
BY1QH 14017/1252
C56/DL7UTA 14195/0543
FR5ND 14024/0430
H44JS 14086/1214
OD5/SP7LSE 14009/2335
T5/KB1NW 14186/2300
TA3D 14007/0410
TA4A 14004/2336
ZA1J 14027/0100
3D2RW/R 18073/0400
9M2AX 18076/1521
FK8CP 18119/0217
XQ0X 18070/2332
3D2RW/R 21026/0313
XQ0X 21020/0300

W3GRF SK. LEN CHERTOK, W3GRF, DIED ON JUNE 24 AT THE AGE OF 71. HE WAS ONE OF THE ALL-TIME GREAT CONTEST OPERATORS AND A REAL HAM. SOME OF THE GREATEST DX CONTEST BATTLES OF THE 1950S AND 60S WERE BETWEEN HIM AND FORMER ARRL PRESIDENT VIC CLARK, W4KFC. BOTH OF THEM STEADFASTLY STUCK TO BUG-SENT CW AND YOU ALWAYS COULD RECOGNIZE THEM ON CW BY THEIR FISTS. IN HIS LATER YEARS, DESPITE POOR HEALTH, HIS STATION WAS A TRAINING GROUND FOR NEOPHYTE CONTESTERS. LENNY WAS A LONG-TIME MEMBER AND FORMER PRESIDENT OF THE POTOMAC VALLEY RADIO CLUB. HE WAS AN ARRL LIFE MEMBER. THE FUNERAL WAS JUNE 28 AND BURIAL WAS IN CHELTENHAM, MD.



Detailed below are the Keplerian Elements for the Amateur Radio Satellites currently in orbit. They are the latest and greatest as downloaded from the "ZS6SAT / ZS0HUT" bulletin board on Sunday evening 11 July. If you are not sure how up to date your listings are have a look at the "Epoch Time". It consists of two things: the year and the date of observation with the year being the first 2 digits and the observation date the remainder. Thus you will see that all those which follow below have been derived / calculated / observed at around day 183 or thereabouts. So if yours are not in this vicinity, change them !! Enjoy your satellite activities.

Satellite: UO-14

Catalog number: 20437
Epoch time: 93182.20971269
Element set: 756
Inclination: 98.6116 deg
RA of node: 266.3259 deg
Eccentricity: 0.0011387
Arg of perigee: 137.8139 deg
Mean anomaly: 222.3924 deg
Mean motion: 14.29779930 rev/day
Decay rate: $8.9e-07$ rev/day²
Epoch rev: 17943
Checksum: 341

Satellite: DO-17

Catalog number: 20440
Epoch time: 93182.19733455
Element set: 563
Inclination: 98.6207 deg
RA of node: 267.4254 deg
Eccentricity: 0.0011569
Arg of perigee: 137.7846 deg
Mean anomaly: 222.4232 deg
Mean motion: 14.29974855 rev/day
Decay rate: $7.0e-07$ rev/day²
Epoch rev: 17945
Checksum: 327

Satellite: LO-19

Catalog number: 20442
Epoch time: 93182.72776255
Element set: 562
Inclination: 98.6202 deg
RA of node: 268.1509 deg
Eccentricity: 0.0012392
Arg of perigee: 136.8810 deg
Mean anomaly: 223.3349 deg
Mean motion: 14.30044283 rev/day
Decay rate: $5.4e-07$ rev/day²
Epoch rev: 17954
Checksum: 302

Satellite: AO-16

Catalog number: 20439
Epoch time: 93182.20920941
Element set: 561
Inclination: 98.6204 deg
RA of node: 267.2224 deg
Eccentricity: 0.0011700
Arg of perigee: 138.8191 deg
Mean anomaly: 221.3877 deg
Mean motion: 14.29838853 rev/day
Decay rate: $6.4e-07$ rev/day²
Epoch rev: 17944
Checksum: 308

Satellite: WO-18

Catalog number: 20441
Epoch time: 93182.09704417
Element set: 565
Inclination: 98.6204 deg
RA of node: 267.3487 deg
Eccentricity: 0.0012118
Arg of perigee: 139.6471 deg
Mean anomaly: 220.5611 deg
Mean motion: 14.29954643 rev/day
Decay rate: $6.4e-07$ rev/day²
Epoch rev: 17944
Checksum: 311

Satellite: UO-22

Catalog number: 21575
Epoch time: 93181.75491313
Element set: 261
Inclination: 98.4723 deg
RA of node: 257.6484 deg
Eccentricity: 0.0007068
Arg of perigee: 262.5900 deg
Mean anomaly: 97.4484 deg
Mean motion: 14.36835221 rev/day
Decay rate: $9.0e-07$ rev/day²
Epoch rev: 10261
Checksum: 303

Satellite: ARSENE

Catalog number: 22654

Epoch time: 93145.00000000

Element set: 008

Inclination: 1.0950 deg

RA of node: 130.8800 deg

Eccentricity: 0.2939760

Arg of perigee: 137.2680 deg

Mean anomaly: 355.5380 deg

Mean motion: 1.42273540 rev/day

Decay rate: .00000000 rev/day²

Epoch rev: 24

Checksum: 212

Satellite: UO-11

Catalog number: 14781

Epoch time: 93187.16594821

Element set: 423

Inclination: 97.8090 deg

RA of node: 212.7206 deg

Eccentricity: 0.0011652

Arg of perigee: 303.1422 deg

Mean anomaly: 56.8661 deg

Mean motion: 14.69021226 rev/day

Decay rate: 3.39e-06 rev/day²

Epoch rev: 49950

Checksum: 296

Satellite: AO-13

Catalog number: 19216

Epoch time: 93184.69450408

Element set: 616

Inclination: 57.9978 deg

RA of node: 307.8211 deg

Eccentricity: 0.7229262

Arg of perigee: 318.7860 deg

Mean anomaly: 4.8917 deg

Mean motion: 2.09717250 rev/day

Decay rate: 1.18e-06 rev/day²

Epoch rev: 3870

Checksum: 327

Satellite: AO-21

Catalog number: 21087

Epoch time: 93189.74092111

Element set: 804

Inclination: 82.9410 deg

RA of node: 36.8784 deg

Eccentricity: 0.0035079

Arg of perigee: 323.9169 deg

Mean anomaly: 35.9605 deg

Mean motion: 13.74521438 rev/day

Decay rate: 8.4e-07 rev/day²

Epoch rev: 12240

Checksum: 303

Satellite: AO-10

Catalog number: 14129

Epoch time: 93188.53303997

Element set: 6

Inclination: 27.0196 deg

RA of node: 16.9348 deg

Eccentricity: 0.6027383

Arg of perigee: 95.8219 deg

Mean anomaly: 331.6625 deg

Mean motion: 2.05886544 rev/day

Decay rate: -1.43e-06 rev/day²

Epoch rev: 7568

Checksum: 324

Satellite: RS-10/11

Catalog number: 18129

Epoch time: 93187.62319590

Element set: 629

Inclination: 82.9235 deg

RA of node: 224.2461 deg

Eccentricity: 0.0009931

Arg of perigee: 265.4158 deg

Mean anomaly: 94.5835 deg

Mean motion: 13.72319547 rev/day

Decay rate: 8.8e-07 rev/day²

Epoch rev: 30251

Checksum: 321

Satellite: FO-20

Catalog number: 20480

Epoch time: 93189.61407106

Element set: 450

Inclination: 99.0338 deg

RA of node: 41.7405 deg

Eccentricity: 0.0541462

Arg of perigee: 38.1460 deg

Mean anomaly: 325.6705 deg

Mean motion: 12.83220244 rev/day

Decay rate: -8.0e-08 rev/day²

Epoch rev: 16006

Checksum: 267

Satellite: RS-12/13

Catalog number: 21089

Epoch time: 93179.26235602

Element set: 408

Inclination: 82.9214 deg

RA of node: 273.9003 deg

Eccentricity: 0.0030785

Arg of perigee: 15.3636 deg

Mean anomaly: 344.8447 deg

Mean motion: 13.74023675 rev/day

Decay rate: 2.3e-07 rev/day²

Epoch rev: 12004

Checksum: 286



FROM THE CHAIRMAN'S DESK.....

I hope that this edition of ANODE finds you in good health and that the Jack Frost did not play too much havoc with your heating accounts!! Up here on top of the Roodepoort ridge we did have some frost but not that much although I suspect that this warm spell we've been enjoying is just that-a warm spell. Talking of the weather and warm spells I had a quiet chuckle to myself the other day. I happened to be tuning through the 40 meter band when I overheard an operator commenting that the cold he had experienced in the Free State for the last 6 years had finally got the better of him; he was due to move to Cape Town at the end of the year where it was warmer. Well, being an expatriate nearly broke into the conversation and warned him of the really nice weather which Cape Town has interspersed with (what seem like extremely) bad weeks of wind and rain. Being a polite operator I thought better of it. Just as well, as no doubt he read the newspapers this last week where it was reported that the Peninsula has experienced / is experiencing the worst storm in the last 10 years or so. And I thought the storm over the Easter Weekend was bad!! I guess we can't complain about the winter weather after all. A word of caution, remember that summer is approaching and the August / September winds will be upon us sooner than expected. Make sure that your antennas and towers are firmly guyed or otherwise supported. Early summer is also the time for lightning to strike; remember to disconnect the antennas from the rigs when the operating is done with. Also don't forget the power supply as damage has been known to have been caused by leakage through the main supply. This is the second edition of our re-vamped ANODE. As promised last month we have included the Keplerian Elements for the more popular Amateur satellites. If these are not sufficient, drop me a line or give me a telephone call to include your favourite "bird's" vital statistics. You will also see the committee portfolios included. The original intention was to print the full task list of each member in ANODE. However, these ran into some 8 pages and so we have only included the salient points here. As always, if there are any queries about a particular portfolio, have a chat to that committee member or speak to me at the next most appropriate Branch Meeting. I am sure that you will agree with me when I say that being a committee member is not easy. They need all the support they can get. Talking about support our experience in the past has been that committee members do all the work with the result come the end of the year they are quite shattered and their family life is in similar condition!! To avoid this whilst still managing to achieve something this committee year we intend to approach as many members as possible to assist us with the tasks we have set ourselves for the year. It is only with your help that we can continue to make the Branch one of the best (not that it isn't already !!) That's about all from my pen (pen ? keyboard) this month. Sit Back and enjoy this edition of ANODE but before closing I would like to extend my welcome back to the team which took part in the 1993 Toyota 1000 Desert Race and congratulate them for the marvellous job they did for the Race sponsors, the competitors, Amateur radio and the Branch. Well done to Johann ZS6JVV, Lappie s ZS6BMY, Sarel ZS6APO, Wally ZS6WAL, Errol ZS6KED, Franz ZS6ZR and Sam ZS6BRZ. Warm greetings also go to Louisa ZS5COP who will be here with us in the Transvaal for some time I understand. Nice to have you back. Right that's definitely it from me until next month.

LIST OF AWARD WINNERS 1992/1993.

The following awards are made to Branch Members in recognition for their contribution to the affairs of the Branch and Amateur Radio in general. Whilst some of these are given to committee members, it is not the intention to indulge in self-praise nor is it based on the premise that committee members "do all the work". Awards to these members are rather to take cognisance of a very special contribution made or that the portfolio was fulfilled to the very best of that members ability which was often accomplished under difficult circumstances. They are also not intended to replace any similar national award but as intimated above are the Branch's expression of appreciation to the winners. The full citation has not been listed but only brief details of the award.

FLOATING TROPHIES

WYNNE VERSTER VHF TROPHY*
MEMBERSHIP TROPHY*
BEST CONTRIBUTION TO ANODE*

Rad Handfield-Jones ZS6RAD
Philip Conradie ZS6CON.
Haydn Stanley ZS6AZJ
Tim Stanley ZS6BID.

AWARD CERTIFICATES

SERVICE TO THE BRANCH
TECHNICAL SERVICE TO THE BRANCH/
BRANCH HAMNET AWARD
SERVICES TO AMATEUR RADIO
BRANCH VHF CONTEST TEAM AWARD

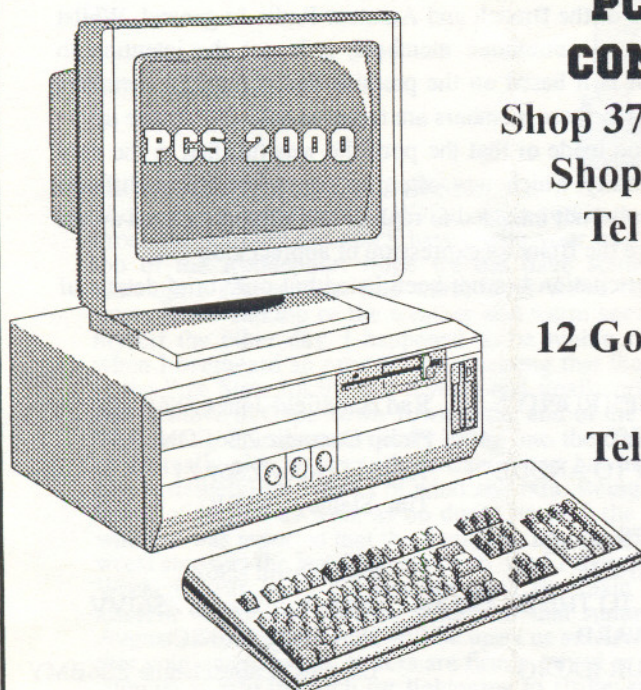
Bill Gibson ZS6ZC
Johan Van Vuuren ZS6JVV.
Nick King ZS6NIC
"Lappies" Labuschagne ZS6BMY
Wally Sime ZS6WAL

C. Carr ZS6CLC
P. Coleman ZS6PLC
J. Sygo ZS6JON
B. Le Roux ZR6ASV
C. Gibson ZR6CG
D. Lander ZR6DJ
N. King ZS6NIC
K. Burger ZS6KMB
K. Schweggman ZS6KTT
C. Symington ZR6REV

CHAIRMAN'S AWARD

GIVEN BY THE CHAIRMAN WITHOUT CONSULTATION WITH THE REST OF THE COMMITTEE AND IN THIS CASE WAS AWARDED TO THE LADIES OF THE BRANCH WHO HELPED DAVE LLOYD WITH CATERING ARRANGEMENTS FOR A NUMBER OF BRANCH EVENTS

T Macgregor
R Vessels ZR6RM
G dorfling ZR6GMD
K Dos Santos



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Birthdays for August

1st Tania (daughter of Will ZR6WX)

3rd Ronald ZS6RON

4th Dayne (son of Roy ZS6QU), Glyn (son of Viv ZS6CAA)

6th Estelle (xyl of Simon ZS6AST)

9th Thelma (xyz of Wally ZS6WAL)

14th Nina ZS61524

18th Dorothy (xyl of bill ZS6ZC)

23rd Ryan (son of Dave ZS6ACC)

24th Muriel (xyl of Charles ZS6IM)

26th louise (daughter of Abe ZS6BMX)

28th Roy ZS6QU

31st Gavin ZR6GJP, Peter & Gorgie's Anniversary.

