

Q S X P E

ZS2PE

FREQUENCIES:

Bulletin	3640 Khz 7102 Khz
National Call	145,5 Mhz
P.E. Repeater	145,05/65
Grahamstown	145,15/75
Lady's Slipper	145,10/70



***Port Elizabeth Branch of the
South African Radio League***

P.O.Box 462, Port Elizabeth. 6000.

15 SEP 1981

AGM

AJV

THE ANNUAL GENERAL MEETING OF THE PORT ELIZABETH BRANCH OF THE SOUTH AFRICAN RADIO LEAGUE WILL BE HELD AT THE CRUSADER CLUB, CRUSADER GROUND, PARK DRIVE (ENTER AT FRELINGHAUS GATE), ON FRIDAY 18th SEPTEMBER 1981 AT 8P.M.

DIE ALGEMENE JAARVERGADERING VAN TAK FORT ELIZABETH VAN DIE SUID-AFRIKAANSE RADICLIGA SAL BY DIE CRUSADERKLUB, CRUSADER-VELD, PARK RYLAAN (RY IN BY FRELINGHAUS-HEK) OP VRYDAG 18 SEPTEMBER 1981 OM 8NM.

The Agenda is as follows:

Die Agenda is soos volg;

1. Welcome and apologies.
2. Minutes of Annual General Meeting held September 1980.
3. Adoption of Chairmans Report.
4. Adoption of Financial Statement.
5. Election of Office Bearers.
6. General.

1. Welkom en Verontskuldigings.
2. Notule van Algemene Jaarvergadering September 1980.
3. Voorsitter se Jaarverslag.
4. Finansiëleberig.
5. Verkiesing van Komitee.
6. Algemeen.

ALL WELCOME.

ALMAL WELKOM.

.... - - - - - / - - - - - / - - - - - / - - - - -

YOU ARE VERY CORDIALLY INVITED TO ATTEND A CHEESE AND WINE PARTY

AFTER THE BUSINESS OF THE AGM IS COMPLETE. THERE WILL BE AN ASSORTMENT OF CHEESES AND WINES TO SAMPLE, SO PLEASE JOIN US.

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APOLOGY.

Due to a lack of space in this issue, the article on Nicad cells will be continued in the next issue of QSX-PE.

PERSONAL SNIPPETS.

We are very pleased to welcome home several members who have recently undertaken trips to faraway places. Mike ZS2MJ and June ZS2JJ have been to Canada, Seymour ZS2RX has been to various places with his XYL, John ZS2JR has just returned from another trip to Australia. Glenn ZS2AG (now resident in Div 6) will be leaving shortly for a month long trip to England and various European countries for his saltmine. To those who have returned, we hope the trip was enjoyable and very memorable, and to those going, we wish a safe and pleasant journey.

Off Brian ZS6HX has recently acquired a new house and is eagerly awaiting occupation so that he can get his beam up again. FB Brian.

Selwyn, formerly ZS2SS now has the callsign ZS6AXO.

Alan ZS6BJ and XYL Nadine are shortly to become parents. Heartiest congratulations to you both.

MINUTES OF THE ANNUAL GENERAL MEETING OF THE ROSE ELIZABETH
BRANCH OF THE SOUTH AFRICAN RADIO LEAGUE, HELD ON 19th SEPT.
1980 AT THE MOUNT ROAD POLICE STATION.

- PRESIDENT: A total of 37 members, wives and visitors.
- WELCOME: The Chairman extended a welcome to all present, especially CM's Seymour and Dudley who had travelled from Grahamstown for the meeting, and CM Bonnie ZR2AD.
- APOLOGIES: ZR2CF, ZR2DD, CM Foley Mash.
- MINUTES: The Minutes of the previous AGM had been published in QSX-PE. CM Lionel ZR2DD pointed out that the soldering iron which was offered as a prize at the last AGM had been won by ZS2HZ. This had been incorrect in the minutes. Adoption of the minutes was proposed by Cyril ZS2KX and seconded by Peter ZR2CJ.
- CHAIRMAN'S REPORT: The Chairmans report on the past year had been published in QSX-PE. On the subject of the technical classes, he thanked Peter ZS2PD and Viv ZR2CI for their time and effort devoted to this project. The Chairman also extended thanks to Cyril ZS2KX for his efforts. Cyril had undertaken the difficult task of training a number of members in the art of CW, and several people are awaiting new callsigns at present. The Chairman also mentioned the braai held at the year end, the component sale, with thanks to Andre ZS2PK for his arrangements for the donation of the computer equipment, the Branch meeting held in Uitenhage during the year, the talks given at various meetings, thanks to Bert ZS2EA, Peter ZS2PD, Jim ZS2LE for their contributions in this respect. Various films had been shown. The Chairman thanked all those who had assisted during the year in any way whatsoever, and extended a word of thanks to Brian ZS2AB for his efforts in keeping the repeaters on the air. He thanked the Committee for the effort put into the running of the Branch. On the subject of QSX, the Chairman extended thanks to Marge ZS2CB for the way in which she handled the job. It was not an easy one, and had been inherited by her. The magazine always contained something of interest. To anyone not specifically mentioned, they should not feel left out, and thanks were extended to them. Peter ZR2CJ proposed adoption of the Chairmans Report.
- FINANCE: The financial report had been published in QSX. There seemed no cause for complaint as everything possible had been done to keep expenses to a minimum. The Chairman mentioned the sad fact of the increased licence fees but this was beyond our control. An antenna had been purchased from Andre ZS2PK for use at the Grahamstown repeater, and QSX had cost only R14.56 for the whole year. The Chairman thanked various sponsors, particularly John and Zanne McDonald who undertook the printing at no charge to the Branch. The Branch funds stood at R 1736.70 at the end of June. A query was raised about the three repeaters not being shown as Branch assets. The Chairman explained that the units were all the property of members, and were on permanent loan to the Branch. Adoption of the financial report was proposed by Cyril ZS2KX and seconded by Peter ZR2CJ. This completed the business of the first part of the meeting, and before standing down, the Chairman announced a presentation to Marge ZS2CB for her outstanding efforts in the post of Secretary and editrix of QSX. Cyril ZS2KX then presented Marge with a Gift Voucher on behalf of the Committee and members. The Chairman then thanked Marge and all the wives who had assisted with the organistaion of the cheese and wine party for their excellent effort.
- ELECTIONS: The Chairman stood down, and Cyril ZS2KX took the chair to preside over the election of a new Chairman. Nominations were called for, and Peter ZR2CJ proposed Dick ZS2FS. The proposal was seconded by Trevor ZR2CT. There being no further nominations, Dick was re-elected to the Chair. Cyril congratulated Dick on his appointment and wished him a successful year in office. Dick thanked Cyril and the meeting, and said that he would attempt to carry the office to the best of his ability, and thanked the members for the support which he knew would be forthcoming.

AGM Minutes cont'd.

The election of a committee for the year then followed. This normally consisted of seven members all told. Nominations were called for and the following were nominated:

Marge ZS2CB	nominated by	ZR20J	and seconded by	ZR20T,
Trevor ZR20T	"	ZS2KX	"	ZS2LC
Peter ZR20J	"	ZR20T	"	ZS2RI
Brian ZS2AB	"	ZS2CP	"	ZR20J
Frank ZS2CY	"	ZS2AB	"	ZS2AE
Sel ZS2SS	"	ZS2KX	"	ZS2CR.

ZS2AE, ZS2AK, ZR20I and ZS2RI were nominated but declined.

Seymour ZS2RX proposed that nominations cease, seconded by ZS2RI.

As the required number of nominees were prepared to serve, no voting was necessary and the Chairman welcomed the new Committee to office.

GENERAL:

Seymour ZS2RX raised the matter of the errors which had been made by HQ on the renewal notices for subs this year. Many members of the P.E. Branch had had Algoa Branch printed in error on their cards. This had led to one member being attached to the wrong Branch for the year due to his secretary having sent his subs to the Branch indicated in error. The member concerned did not wish to offend anyone, so renewed with P.E. Branch as a social member for the year. The Chairman said that a very strongly worded letter had been sent to HQ about the matter, and the affected cards enclosed, together with an up-to-date list of PE Branch members. Even the temporary loss of the member concerned was most disconcerting.

Peter ZR20J raised a point concerning the untapped source of hams amongst the ranks of CB operators. He proposed the start of new technical classes in the new year, and offered to approach the local CB body with a view to giving a talk about ham radio at one of their meetings. He said that high school pupils formed a large and interested group, and he intended to make approaches in this connection.

Peter also proposed that a committee member could take charge of branch projects, possibly concerned with VHF/UHF equipment. The Chairman said that the matter of the High schools and projects could be discussed at the next Committee meeting and the necessary action taken.

Seymour ZS2RX offered thanks on behalf of the country members for the work done by the Branch in putting out the weekly bulletins and running the nets, and the time and effort spent on the upkeep of the VHF repeaters which were of such great benefit to the country members. The Chairman thanked Seymour, and said that without the Committee and Brian ZS2AB, the points he had mentioned would simply not be possible.

There were no further points raised, and the meeting was declared closed at 20h45. The Chairman thanked all for attending, and asked everyone to enjoy the party. He felt sure that the coming year would be as successful as the past one, if not better.

sgd.
R.W.Schonborn ZS2RS.
CHAIRMAN.

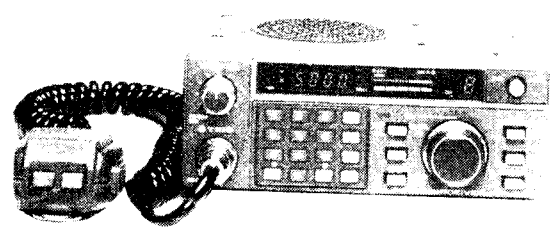
sgd.
M.T.Colson ZS2OB.
SECRETARY.

WE HAVE GREAT PLEASURE IN WISHING OUR VISITOR MEMBERS AND THEIR FAMILIES A VERY HAPPY NEW YEAR AND WELL COME THE YEAR.

STOP PRESS!!

An opportunity for someone to acquire a 2 metre rig, ex demo, in mint condition, in original packing, fully guaranteed. Save R100. Yours for only R395.00. 25 watts. 15 memories, scanning! Phone Dick ZS2RS 54-4545.

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TR-7800 2 METRE FM TRANSCEIVER
The only 2 metre FM mobile



...pacesetter in amateur radio

CHAIRMAN'S REPORT

The past year has been reasonably uneventful, with the usual activities taking place as scheduled. The highlight however, must surely have been the outing to Grahamstown, by bus, which was attended by members from no less than four branches as well as one visitor from Transkei.

A second outing to Grahamstown, this time to work on the repeater, was well supported by a cross section of amateurs from Division 2. As usual the branch manned Boy Scout Jamboree stations, which were better supported by the scouts than in previous years.

It would appear that an occasional change of venue for the monthly meetings is well accepted as was shown by the attendance at the Crusader Club two months ago.

Branch membership has remained rather constant during the past year and every effort must be made to ensure renewal of subscriptions by as many members as possible. Not forgetting recruitment of prospective amateurs of course.

The financial situation of the branch remains extremely healthy with the injection of R495. for one afternoons work by some fifteen enthusiastic members. The negligible cost of producing QSK has also assisted our funds considerably. On the subject of QSK, a vote of thanks to our Secretary, Marge ZS2OB who compiles and edits the newsletter, is in order. Unfortunately we lost the services of Sel ZS2SS, a committee member, recently when he was transferred to Johannesburg. Our membership in Div 6 is growing steadily. To our other committee members, in particular, Brian ZS2AB, a sincere thank you for your support during the past year. Finally our members, to you all a very big thank you, for without you we wouldn't have a branch.

Dick Schönborn. ZS2RS. CHAIRMAN.

1991/92 Financial Statement - Y.M.C.A. - 1981.INCOME AND EXPENDITURES 30th June 1981.

<u>INCOME.</u>		<u>EXPENDITURES.</u>	
Branch share of subs.	259.00	Calendar Inv. Exp. (net)	84.93
Interest (various/cs)	140.55	Licenses	60.00
Repairs to equipment	495.00	P. for Rental	5.00
Park Charges	1.97	Rental of Room	10.00
Refreshments	2.88	Postages	12.83
		Depreciation (Typewriter)	20.00
		QSL-PS (labels)	6.72
		Donations (net)	14.35
		Electricity (Lady's Slipper)	5.17
		Dinners, Supper, GHI Trip	137.50
		SGN Stickers (loss)	1.33
			<hr/> 357.83
		Balance of Income (to Acc Funds)	<hr/> 641.50
	<hr/> R999.23		<hr/> R999.33

BALANCE SHEET AS AT 30th JUNE 1981.

<u>LIABILITIES.</u>		<u>ASSETS.</u>	
Accumulated Funds as at 30/6/80	1708.40	Fixed Dep. (net) (?)	1000.00
Add Excess	<u>(641.50)</u>	Cash in hand	25.31
	2109.90	Cash in savings Acc.	591.36
H.Q. Share of subs.	25.00	Cash in Equip. Dev. Acc.	498.37
YMCA (Room)	10.00	Cash in GHI Acc.	169.63
PEM (Lady's Slipper)	3.47	Badges (net)	8.00
		Logbooks	4.50
		Press Circle Caps	4.00
		Typewriter	75.00
	<hr/> R2109.90		<hr/> R2376.17

Audited and found correct.
Sgd. D. Winter 1982AC.
Hon. Auditor.

Sgd. P.G. Purrell 282CY.
Hon. Treasurer.

It is with very deep regret that we record the passing away of the fathers of two of our members, Mr. Trevor (22) and Mr. Fred (21). To both of you and your families we extend our sympathy and condolences.

WHAT DO YOU DO WHEN YOUR ROTATOR DIES? You fix it - like this.

By Earl G. Durrell W5JJ.

The Problem: After several decades of faithful service, the control unit of my Ham-M rotator ceased functioning. A postmortem examination revealed a dead 130 microfarad 50 volt alternating current motor-starting capacitor.

The Non Solution: A quick survey of electronic supply stores showed that no such capacitors were available. A visit to electrical supply houses revealed numerous motor-starting capacitors, but none was physically small enough to fit into the space within the control unit housing.

The Solution: Two 150 microfarad 50 volt electrolytic capacitors and two 100 volt 3 amp silicon diodes were used in the circuit shown. The control unit was resuscitated. Another interesting situation came to light during the repair job. The meter had been intermittent, sometimes operating, sometimes quite dead. The cause was the 1/16th Amp fuse used in series with it. This is indeed unusual. A fuse normally is fully conductive or unmistakably open. This one probably had a mechanical discontinuity instead of having been blown. The original one was soldered in place, an action fraught with peril to the delicate interior conductor. A clip-type fuseholder was installed to minimize the probability of future trouble.

For those interested in the theory of the functioning of the motor capacitor circuit, the explanation is simple. During any half-cycle, one capacitor is shorted by its associated diode. It might be presumed that having two capacitors as shown, in series, the resultant capacity would be halved. This however, is not the case because the diode acts as a bypass for the capacitor during every half cycle.



A warning from the Postmaster General

The sale of cordless telephone instruments is definitely illegal. That is the message contained in a letter to the secretary of the Radio Appliance and Television Association of South Africa written by the Postmaster General.

The contents of the letter read as follows:

"It has been brought to the Department's attention that certain retailers of radio and electronic equipment are selling cordless telephone instruments that operate on radio frequencies and are capable of being used to establish calls over the public telephone system.

"In terms of the Radio Act (Act 3 of 1952) the above-mentioned telephone instruments are classified as radio apparatus which is subject to licensing by the Post Office. No members of the public have been issued with licences to

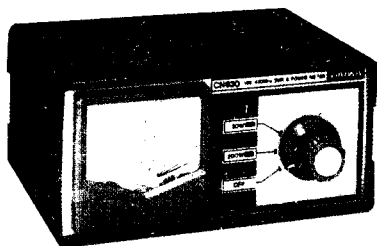
have cordless telephone instruments in their possession and it is also unlikely that such licences will be granted as no telephone instruments other than those which the Post Office itself provides, may be used in conjunction with the public telephone system. It is therefore illegal to sell any type of cordless telephone instrument and the retailers who are doing so are contravening the provisions of the Radio Act which is a punishable offence. Furthermore, any telephone subscriber who utilizes an instrument of this nature on the public telecommunications network is risking the immediate suspension of his telephone service.

"In view of the foregoing we would be pleased if you would notify all your members that apart from the institution of legal proceedings, the Department will not hesitate to withdraw the radio dealer's registration certificate of any retailer who is found selling cordless telephone instruments."

DON'T FLY AROUND WITH FLY BY NIGHT OPERATIONS.

You Want

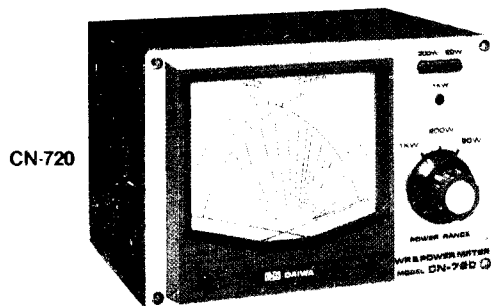
- Fast Service
- Fair Prices



CN-630

SWR & Power Meter Model CN-630

Simultaneous direct reading SWR,
Forward Power and Reflected Power
Frequency Range: 140 — 450 MHz
SWR Detection Sensitivity: 5 Watts min.
Power: 2 Ranges (Forward, 20/200 Watts)
(Reflected, 4/40 Watts)
Tolerance: + 10% full scale
Input/output Impedance: 50 Ohms
Connectors: SO-239
Dimensions: 180 x 85 x 120 mm;
7.12 x 3.37 x 4.75 in.



CN-720

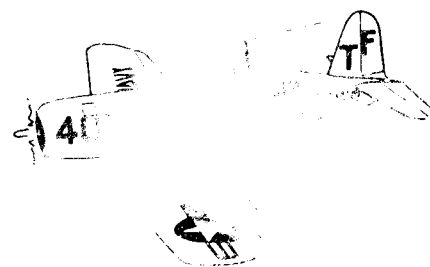
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CN-620

SWR & Power Meters Models CN-720 and CN-620

Simultaneous direct reading SWR,
Forward Power and Reflected Power
Frequency Range: 1.8 — 150 MHz
SWR Detection Sensitivity: 5 Watts min.
Power: 3 Ranges (Forward, 20/200/1000 W;
(Reflected, 4/40/200 Watt)
Tolerance: + 10% full scale
Input/output Impedance: 50 Ohms
Connectors: SO-239
Dimensions: 180 x 120 x 130 mm;
7.12 x 4.75 x 5 in.
180 x 120 x 130 mm;
7.12 x 4.75 x 5 in.
180 x 120 x 130 mm;
7.12 x 4.75 x 5 in.



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