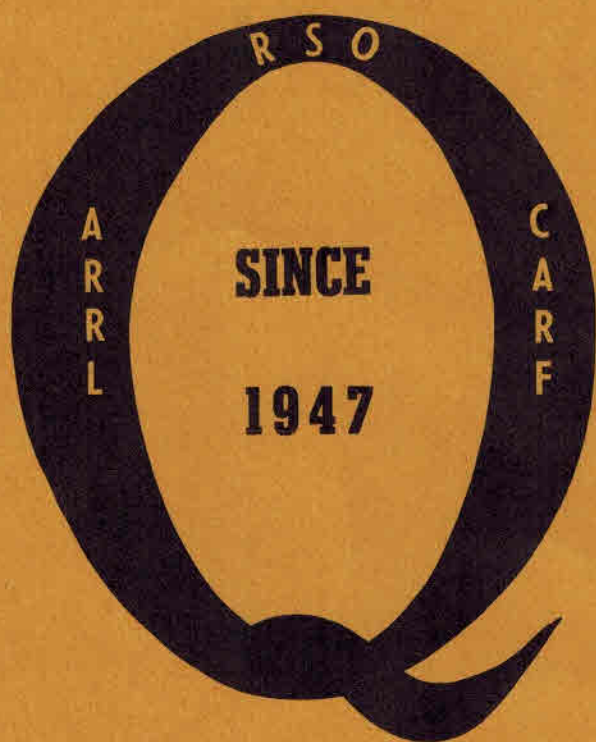


DEC 75

QUINTE QRM



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VE3BSQ

-- QUINTE -- QRM --

VE3KBR

Meeting Date Dec. 11, 1975 Thursday.

Please note the nite is Thursday, not the usual Wednesday.

Time 8 PM

Place = Loyalist College Building "B" room 3L10.

Program

Speaker Noel Eaton VE3CJ - the president of the International Amateur Radio Union. Ron Hesler VE1SH our new Canadian Director of ARRL will be along also. See additional info in this issue.

Elections:

The elections were held in November in order to clear the decks for Noel Eaton in December. Your new officers are :-

President - - - Jerry Ingles VE3HBR
Vice. Pres. - - Sandra Campbell VE3HON
Treasurer - - - Mike Papper VE3FNP
Secretary - - - Fred Levere VE3HBV

Equipment Show

This event will be held in Kingston this year. Probably in April or May.

Awards Reg. Varcoe award winner was Bert Hanson.

William Thomson award will be decided upon when all log forms are in. Bring to the December or January meeting.

Winter Rally

A dinner meeting was held at the Tweedsmuir Hotel in November to discuss the Winter Rally. Attended by VE3RL, VE3GTD, VE3HBS, and VE3HWU and KYL's. About 15 others from Toronto, Oshawa & Ottawa also attended. Details and developments will be given on the Sunday nite 2 meter net at 7 pm., and on 3770 at 6pm on Fridays. VE3GTD, bob will be the co-ordinator this year. We will need at least 8 mobiles this year. Bob would appreciate hearing from you as soon as possible.

NEWS -- ITEMS

The RSO convention was a huge success. One of the largest yet. Almost 600 sat down for the Banquet Sat. nite. over 800 registered. VE3RL, VE3GTD, VE3CJC, VE3HBS and VE3HPR with KY's attended from Belleville. One of the prizes

page _ 2 _

came to Belleville, Howard's AYL Dorothy won a tape recorder. We met many old friends and made some new ones.

Next year the "DO" will be held at the Skyline Toronto.

New Service To Club Members

Questions and Answers:- Send in your technical questions. your name will not be published. The person who answers your question will have his name published. Ye old editor will refer the question to the expert in that field, by mail or phone to H. Fralick VE3RL 59 Palmer Rd., Belleville 968-7844.

Don't forget : : : If you obtain your subscription to QST thru the Club, the Club gets \$1.00. Contact the treasurer Mike Papper VE3FNP. We need the money. You need ARRL.

Mike Papper will also accept memberships to CARF and RSO, and forward same for you. Remember, these groups work for you. Without them we are dead. It is especially important that you belong to ARRL. The big do in Geneva is in 1979. Only ARRL can speak for you there;

Sunday nite net 2 meters on the repeater. 1700 hrs. Net control Tim VE3HCM.

Stan VE3ATJ has been under the weather for a spell but is back on the air again and taking things easy.

Howard Booth VE3BEE has had a session in hospital but is now home and putting up a new beam for winter activity.

Special meeting in December. Please note that due to our speaker having to attend a D.O.C. meeting in Ottawa on Dec. 10, we will have the meeting on Thursday Dec. 11/75.

We have been trying for 2 or 3 years to have Noel Eaton VE3CJ come to our meeting. We hit the jackpot this time, since Noel and our new Canadian Director Ron Hesler VESLH from Sackville is also going to be here with Noel. As you know Noel was the Canadian Director and a Vice President of ARRL. He is now President of the I.A.R.U.

We would like to invite all interested parties to this meeting. A special invitation to the Kingston gang.

The I.T.U. conference in Geneva will be in 1979. No doubt Noel will be bringing us up to date on this. Come out & meet Noel and your new Canadian Director. We are very fortunate to have them both with us at the same time.

Remember it is Dec. 11, not the 10th. Thursday nite not the usual Wednesday.

Sked with Henry VE6CEC is 2030 GMT on 14135 Sat.

Marcel VE2BGC/3 is back at Trenton and active on HF and VHF again.

Traffic note: Aurel VE3GYE monitors all the nets and can handle traffic at anytime - - phone 392-7460.

VE3RCS at Alert. Reg VE3RR has a regular sked and phone patch available. Phone 968-9048.

Local "Kerplunkers" are giving the repeater a hard time. A new control panel is almost ready to be installed which will eliminate this problem.

We have some student (soon to be amateurs) who need receivers. Anybody got a receiver for sale? See VE3RL.

Marty VE3MR with his DXpedition to Sable Island was a big success. Operating with the call VX9A, (which counts as a country for DXCC) they worked just about every country. Locally VE3RL and VE3BUX snagged this rare one.

Gene's KYL Helen has had a session in hospital but is on the mend and will be home soon.

There will be a dues increase this year. It is very difficult to operate the Club on \$3.00 each per year. Bulletin costs are going up, even coffee and donuts have increased. The new dues will be \$6.00 per year. A survey shows that 6 other clubs are higher and only one is lower. This is the amount recommended by the executive and is the minimum to keep us afloat.

Morley send word that he has a new generator. More on this later.

Fast Scan TV on 439.25 MHz is creating a lot of interest. Rick VE3EJB has got the bug. Ron VE3GAB is now receiving and is getting crystal clear pictures from Howard VE3RL. This is a distance of over 4 miles. Bill VE3CUK has been receiving Howards pictures for some time. As we go to press Ron's pictures are now being received real good at VE3RL.

NEW PRODUCTS

The famous 101B low band rig is now made in 3 versions.

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" 101EX	No compressor, no DC supply.

The latest in 2 meter rigs is the YAESU 221. Covers 144-148 on CW, SSB, AM and FM. Automatic up or down for repeaters. Reverse repeat switch, VOA RF gain, 100KC calibrator, continuous VFO or fixed channels using only one crystal per channel, RIT and noise blanker, 15 watts out. The construction is first class. All epoxy boards and every stage is plug-in. Ceramic filters in both IF chains. Gives you the advantage of a synthesized rig with the additional convenience of fixed channels. Howard VE3RL has one in operation for demonstration purposes.

We regret to report that VESBZI, George, has been transferred to North Bay. Of course we are also losing Grant VE3IHH his harmonic. We all wish George the very best in his new job with Hydro. Although he couldn't hack the ragweed on Field Day he was an active member of the Club and a solid citizen on 2 meters and 20 meters. Good Luck George!

MERRY CHRISTMAS TO ALL AND TO ALL A GOOD

NITE!

SINGLE PHASE RECTIFICATION INFORMATION

CIRCUIT DESIGNATION	CIRCUIT DIAGRAM	A.C. — D.C. RELATIONSHIP		DIODE RATING "			
		VOLTAGE Secondary ★ (R.M.S.)	CURRENT Secondary (R.M.S.) DC OUT	VOLTS PEAK INVERSE	AMPERES		
HALF-WAVE RESISTIVE LOAD		1.0	0.45	1.0	0.64	1.4 X V. RMS	1.0 X D.C.
HALF-WAVE CAPACITIVE LOAD		1.0	1.16	1.0	0.38	2.8 X V. RMS	1.6 X D.C.
FULL-WAVE DOUBLER		1.0	2.3	1.0	0.30	2.8 X V. RMS	0.8 X D.C.
HALF-WAVE DOUBLER		1.0	2.3	1.0	0.22	2.8 X V. RMS	1.6 X D.C.
FULL-WAVE CHOKE INPUT		1.0	0.88	1.0	1.41	2.8 X V. RMS	0.6 X D.C.
FULL WAVE CAPACITIVE INPUT		1.0	1.25	1.0	1.0	2.8 X V. RMS	0.8 X D.C.
BRIDGE INDUCTIVE INPUT		1.0	0.88	1.0	1.0	1.4 X V. RMS	0.6 X D.C.
BRIDGE CAPACITIVE INPUT		1.0	1.25	1.0	0.56	1.4 X V. RMS	0.8 X D.C.

NOTES —

- " As manufacturers ratings are frequently given for maximum allowable temperature rise and peak voltage, a derating factor may be appropriate.
- Approximate, (1.4 at no load).
- = Approximate, (2.8 at no load).
- " When "Z" of capacitor = 0.1 of load resistance.
- + May be required to bring impedance of circuit up to 1% or 2% of load resistance in circuit.
- ✓ Battery and capacitive loads require similar calculations.
- ★ Each side of centre tap where applicable.

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