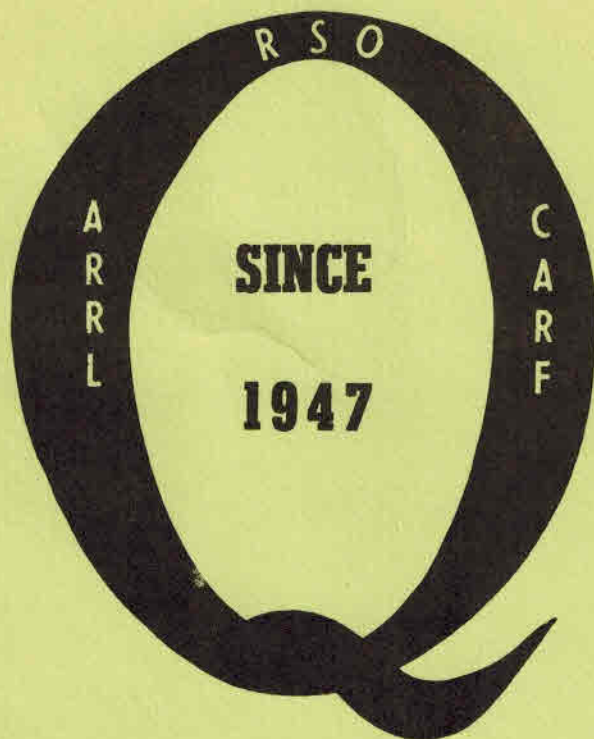


OCT '78.

QUINTE QRM



QUINTE AMATEUR RADIO CLUB

VE3BSQ

BELLEVILLE REPEATER VE3KBR

146.400 — 147.000

MHZ

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Net	Day	Local Time	Freq
QARC	Sun.	1900 *2100	147.000 MHZ
CJ	Daily	1830	3790 KHZ
ONT PH.	Daily	1900	3770 KHZ
LAUR.	Daily Ex. Sun.	1845	3755 KHZ
QUE	Daily	1930	3775 KHZ
PIONEER	Sun.	2000	3760 KHZ
PL	Daily	0800	3787 KHZ
ONTARS	Daily	0700-1800	3755 KHZ
WHITECANERS	Daily	2000	3765 KHZ
WHEELCHAIR	Mon.-Fri.	1930	3770 KHZ
MARITIME	Daily	1800	3750 KHZ
TRILLIUMS	Sat.	1600 (YL-XYL)	3770 KHZ
CLARA	Tues.	1400	14160 KHZ
TRANS-CAN	Sat.	1300	14135 KHZ
TRANS-CAN	Sun.	1300	14140 KHZ

*EDST when in effect.

CLUB CALL
VE3BSQ

QUINTE QRM

VE3KBR Repeater
146.985-146.385

Membership dues for QARC are \$6.00 per calander year. Contact Greasurer Glen Campbell VE3CJG, 149 Wright Ave., Belleville, Ont. K8P 4E7. - - 962-3960. Membership is open to anyone having an interest in Amateur Radio. It is not necessary to be a licensed amateur to be a member. The President for 1978 is Ron Chapman VE3IVC, 549 Sidney St., Belleville, Ont. K3P 4A4 - - 966-2940. The Secretary is Sandra Campbell VE3HON, 149 Wright Ave., Belleville Ont. K8P 4E7 - - 962-3960.

Date of Meeting, - - - Wed. nite 11 Oct. 1978 at 8 PM.

Place - - - Loyalist College, Pioneer Bldg., Room 24.

Program:- Big Dick VE3HPN our program chairman is going to start the season off with a big film show. We also have a number of things to discuss about the new season ahead.

RSO CONVENTION - - Oct. 13-15, 1978. Info will be found on back of RSO Bulletin, QST and most other Radio mags. London is the place. Info also available on CJ net, ONTARS etc.

QARC Net - - - Sunday Nite 2100 EDST. See inside bulletin cover.

FIELD DAY

Fortunately we did not have to test out the new roof on Archie's shack. No rain this time. Henry VE3CEC came as promised and did a trojan job on the Keyer. Many thanks to Claire VE3HWT for the strawberries and to Archies KYL for getting them ready with ice cream. Hotel Bravo Sierra was in full swing as usual. Barry had his computer all set up in Mario's Bus & kept us informed with computer run-offs all during the DO. Morley's generator worked fine - he has the carburator ice problem licked. Everybody involved deserves a vote of thanks - Especially Eric who organized the DO. Dorothy KYL of VE3RL locked herself out of the house and had to be rescued by Glen & Sandra who consoled her with cold 807's under a tree in the back yard until Howard organised a key expedition. A good time was had by all and a respectable score was run up. Haven't got the final results yet but will announce them later.

REPEATER - - - 31 Aug. was change-over day to the new frequency. Our receiver is a bit wide for 15KC operation but we do have one additional filter that can be used if necessary. We are reluctant to use 2 filters since mobiles passing through will have difficulty with us. Auburn and Montreal have both reduced modulation to 5KC should be the limit on any repeater. The use of 15KC splits is now a necessity and anything wider than 5KC will not work with these repeaters. The 37-97 machines in Brockville and Oswego have promised to reduce to 5KC. If they do so we should have very little difficulty on our new channel. It is nice to have a clear channel for a change and to get away from the constant interference we have had for the past two years. Jack WA2QYT at Auburn has been very helpfull with his suggestions and time spent running tests when everybody else was long since in the sack. We are not quite out of the woods yet and there may be the odd nite that severe inversion will bother us, but overall we can say that the results so far are encouraging.

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Back in town and living at Amherstview, Clayton VE3IVE.

New Calls - - Al VE3BCV now VE3GI - - now advanced VE3IVU and VE3IVC.

New Prefix - - - Yukon Territory is now VYI. The NWT remains VE8.

Club Cookout - Held Sat nite 9 Sept. at Bob & Gwen Brain's QTH Foxboro. Weather was on our side this year. Fairly well attended in spite of lack of notice and a late start in getting it organized. Music by Gord VE3CJJ and Ron VE3IVC and dancing by Bert VE3AQI. A sing-song around the fire as usual. Lots of delicious corn and other goodies. Many tnx to Bob & Gwen for a pleasant evening.

Errors in Directory - - Our apologies to Bill VE3HJ for printing his call as VE3HL, and to Sid Horne VE3EGO for omitting his name from the alphabetical section of the list.

Sun Activity - - The new sunspot cycle has already produced some unusual happenings. On april 12 a giant flare created havoc with radio communications on the lower bands. Aurora openings occurred on 6 meters during gigantic displays in the northern sky.

It is interesting to note that the so called 11 year cycle is really a 22 year cycle since the minimum is followed by a reversal of polarity of the magnetic areas on the northern and southern hemispheres of the sun.

The last few years during the minimum of the cycle there has been unusually low activity. For the next 2 or 3 years activity will be light. There will be flares of great size.

High energy particles will be given off at velocities of 3000 KM per second. It takes 1 1/2 to 2 days for them to reach the earth. However radio fadeouts can occur only 8 minutes after a flare due to radiation which travels at the speed of light.

An amateur, (astronomer that is) discovered sun spot cycles in the mid 19th century. His name was Heinrich Schwabe. Sun spots had been seen with the naked eye for centuries. The invention of the telescope in the early 17th century led to more detailed study.

There have been long periods when no sun activity occurred at all. From 1574 to 1716 none were seen in England & consequently no northern lights. No one knows when a large low will occur again, or for that matter an exceptional cycle peak. We do know that the cycle stays pretty well on the 11 year basis.

VE3RL.

Dayton Convention - - Locals who made the trip VE3IVO, VE3HJ and VE3EGO who came back with a major prize of a Heath 2036A - 2 meter Rig.

New Arrival - Welcome to VE3GRA Brian Credico transferred to Belleville with Northern Telecom.

RSO Delegate - - Brian Smith VE3HWU is now a delegate from The Kingston District to RSO, replacing Bob VE3GTD who has served a 2 year stint.

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Fast Scan TV - - Bob VE3IWP has had good results this summer & scored some firsts in Belleville, as follows:-

1. Sept. 2/78 worked VE3CPJ Jim Toronto. Picture P4 in Toronto P3 in Belleville. Audio Thru VE3RPT (46-06) 0118 hrs to 02221 hrs.
2. Sept. 2/78 0926-1003 hrs 137 miles VE3CYC John in Stoney Creek P4 Belleville P2, Audio on 146.49 direct.
3. Have received Ed W3POS in Erie PA. 198 miles. His signals P2 in Belleville. Hope he will turn his beam this way on the next opening. When received Ed was working John & they broke the International DX record on 29 May 1978 (see QST).

Happenings This Summer

Repeaters seem to have a fascination for the technically minded. They are springing up like grass all over the place. Most of them are not needed, but its a lot of fun anyway.

VE3GAB - - - went to ENGLAND.

VE3BZT built a new house. We hear he has wiring so big he can run a 2 KW final.

VE3HZZ - Moved up 41 near the repeater. He says his coax gets hot whenever he listens to VE3KBR.

VE3GTD went west this summer and was portable 2 meters.

VE3GSI spent the summer digging a hole. What for he never said.

Ham Gear - All the people who make rigs spent their vacations figuring out how to increase their prices. Which they did.

VE3GYE went east to Moncton area complete with TR2200.

VE3HJ - Built new marine railway & boathouse. Also has a sore foot.

People we haven't heard of since last spring. VE3HNJ (saw him briefly on Field Day). VE3BDS, VE3CUK, VE3HBS, VE3CJC and VE3HBV. Can't say the same for VE3HPR because he dropped in recently. And what about Henry VE3ILD & VE3DPP.

New Call - Art Wentzell EX VE3HNW is now VE1PT. watch for him on 20M.

FOR SALE

Frank VE3BYO has an 18AVQ vertical for sale.

Orlan VE3AXZ has an Icom 215 for sale and also an Atlas 210. with console & antenna tuner.

Bob VE3GTD has an IC230 for sale.

Wanted - Power supply for HW32 Gord VE3CJJ.

Editor Wanted - - VE3RL will be stepping down from this position as of the end of this year. Howard has held this job for 2 different periods, 1956-1959 and 1973-1978. It is time for a change. Anybody interested ?? Please contact Ron VE3IVC or VE3RL.

For sale - - contact Marcel Cadieux, 227 Laurentian Drive, Petawawa, Ont. K8H 2N2, VE2BGC/3.

1 - DX60 with VFO	\$200.00
1- IC230	\$390.00
1 - FTDX400	\$550.00
1 - Swan 700CX with 117V power supply	\$775.00
1 - KWM-1 Collins with 516FI power supply	\$550.00
1 - KP12A speech processor	\$65.00
1 - TR2200G	\$290.00
1 - Collins DC supply 516E1	\$125.00
1 - DL1 Collins Dummy load	\$ 60.00
1 - Katsumi MC70 speech processor	\$ 32.00
1 - MFJ SSB filter	\$ 25.00
1 - Hamerlund Receiver SB600GX 550KHZ to 54MHZ plus a converter to cover 108 to 154 MHZ	\$265.00

STOP PRESS - - - THERE ARE SOME PRICE CHANGES IN THE ABOVE, BUT ALL PRICES ARE SUBJECT TO NEGOCIATION / / /

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