

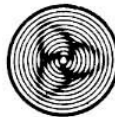
SEPTEMBER 1987

THE GROUNDWAVE



REMEMBER:

**IT'S TIME TO
RENEW YOUR MEMBERSHIP**



THE GROUNDWAVE

Official Bulletin of the Ottawa Amateur Radio Club, Inc.

Managing Editor	Mike James VE3PDE	89 Forward St. Ottawa, Ont.,	728-8867 995-2730
Graphic Design	Maria Townson VE3KIP		828-9573
Contributing Editor	J. Gord MacKay VE3JMT	P. O. Box 1204 Stittsville, Ont., KOA 3G0	831-1004
Production Committee	Bill Hall VE3JMC	69 Canter Blvd. Nepean, Ont., K2G 2M4	224-2107
	Chuck Baker VE3PAP	2061 Belcourt Blvd. Orleans, Ont., K1C 1M7	824-1941
	John Ellingham VE3GUW	1225 Southwood Drive Ottawa, Ont., K2C 3C2	828-3577
	Ted May VE3ADZ	116B Laval St. Vanier, Ont., K1L 7Z4	741-0862 993-9132

THE OTTAWA AMATEUR RADIO CLUB, INC. is an association of Radio Amateurs devoted to the promotion of interest in Amateur Radio communications in the National Capital Area; and to the advancement and achievement of club members.

REGULAR MEETINGS of the OARC, Inc., are held on the first Wednesday of each month (except July and August) at the National Research Council Auditorium, 100 Sussex Drive, Ottawa, at 2000 hours. A bulletin board is available for posting notices of interest to other members about 1915 hours. Further details about each meeting is elsewhere in this publication.

THE OARC EXECUTIVE normally meets on the second Wednesday of each month in the Board Room of CFRA, 150 Isabella St., Ottawa, at 1930 hours. Contact the President to confirm the date of the next meeting.

DEADLINE FOR COPY is the second Wednesday of each month. Make yourself better known to fellow members and other amateurs, too, by giving us an article, technical or otherwise, relative to our hobby. They may get reprinted in far away places; and the family will be proud of you.

MATERIAL PUBLISHED herein does not necessarily represent the official OARC viewpoint. Items may be reprinted by Amateur Radio or other publications provided that proper credit is given to the author and to the OARC, Inc.

RADIO AMATEUR CALL BOOKS are available at many local libraries. Ask at the information desk.

SAFETY BELTS, 2-METER RIG AND AN ENGRAVING PENCIL are available for loan to club members. The 2-meter rig may be borrowed by members who are hospitalized. The engraving pencil (to mark valuables for identification in case of loss or theft) and the safety belts with pole straps are available to any member.

A \$100 refundable deposit is required for the belts. Contact the President for the 2-meter rig or the engraving pencil; and Paul, VE3ICV, at 820-6643 (West End) or Brian, VE3JKZ, at 523-1535 (East End) for the belts.

THE CAPITAL CITY NET meets every Monday at 2000 hours on the club repeater VE2CRA (146.34/.94) to pass traffic and to make announcements of interest to Amateurs in the National Capital Region.

THE SWAP NET, is a service provided and conducted by Ed Morgan, VE3GX. This feature appears on the Capital City Net, noted in the foregoing paragraph. To list items and make inquiries, call Ed Morgan at 733-1721.

POT-HOLE NET is a SSB/HF net sponsored by the Ottawa Valley Mobile Radio Club, and conducted every Sunday at 1000 hours on 3.760 MHz. All amateurs are welcome to check in. The Swap-Net is a regular feature.

POT-LID CW NET is an informal slow-speed CW net sponsored and conducted by Ed, VE3GX, and meeting every Sunday, except during July and August, at 1100 hours on 3.620 MHz, to promote interest in CW and CW procedures.

MINUTES OF THE OARC GENERAL
MEETING OF JUNE 3, 1987

The June meeting of the OARC was convened at 2007 hours, local, by our President, John, VE3NVF. John invited visitor Ed Fuchs, ex PA0TU, down for a free coffee and GROUNDWAVE during the coffee break.

Hal, VE3QA, noted a paragraph in the preceding minutes were incorrectly attributed to him. Dave, VE2ZP, noted he was in a contest forum, not a DX forum and did not spend the \$1,000 as recorded in the previous minutes. Dave also spotted an incorrect correction: Dave is VE3KRV. With these changes, the minutes were adopted on a motion by Ted, VE3ADZ, seconded by Dave, VE2ZP.

Dave, VE3FM, discussed the results of the last emergency event. On Friday noon, May 29th, the DOT used a plane hulk, with fires around it, and Brookfield High School students to simulate an emergency at the airport. Bob, VE3MPG, was the duty officer that day but because it took 20 minutes for the pager message to reach him they used the phones instead. Chuck, VE3PAP, acted as net convener. Two hams were required at the site and another two at headquarters.

Dave expects next year there will be a coordinated emergency - perhaps a simulated explosion downtown.

Since old badges have expired, there will be a photo session on the 27th of June, 10-12 a.m., for emergency measures team members. Call Larry Abbot or Lilianne Renaud at 560-2074 to arrange.

John relayed thanks from Harrie, VE3HYS, to the following people who participated in the Blue Knights Poker Run net: VE3s FFK, GSA, HVA, OSN, PPE, WSN and ZS.

Dave, VE3JTZ, relayed a request by Heather Dunn, NCC, for volunteer dispatchers during the Canada Day Celebrations, June 30th to July 2nd. For more information, contact Dave.

Dan, VE3EBI, reported he had been to the CARF Annual General Meeting last weekend. Apparently CARF is doing well, they are in the black, have ham advertising in both languages and have a copy of the DOC question banks.

John noted the sign-out sheets had been placed at the back of the auditorium and asked members to sign as they leave.

Merv, VE3CV, advised members the next RSO convention will be held Saturday, September 19th, in Bancroft, in conjunction with the HEX9 packet symposium. There will be 4 seminars, including topics such as packet radio, linking and DX.

Merv also announced the meeting of the St. Lawrence Seaway Repeater Council meeting on June 13th at 13:30 at NRC. Topics include standard auto patch codes, 911 access and linking.

John thanked Harrie for printing the questionnaire included in June's GROUNDWAVE and led members through the questionnaire by means of the overhead projector. Members were reminded of their responsibility to feed back comments to the Executive, and are able to renew for next year already. More questionnaires were available at the front.

Paul, VE3JLP, gave us the following DX tips: YA Afghanistan - many are skeptical but have heard YA1AP on 14.170 MHz at 1930 UTZ. There are rumours that two Russians may operate from YA in June/July, VA3s DKH and AKV - work first, worry later. 4W - Yemen - Jerry "chose 4W1AA" so it may not be acceptable for DXCC. 7P8 Lesotho - look for Ed, 7P8DX on CW 40-10M. SU

Egypt - look for SU1AL, 20M SSB, 0001 to 0130 UTC. Note he has been heard from 14.203 to 14.307 MHz.

Chuck, VE3PAP, noted 10M FM activity has been good lately, he has stayed up to 2:30 local, and worked Chile, PEI, England and Texas. Ray, VE3FN, also noted a 10M FM repeater in the Virgin Islands, 29.680 MHz - 100 KHz split, that can provide excellent coverage.

John invited Dave, VE2ZP, down to present Clare, VE3NPC, a plaque for his excellent entry in the last home brew night.

Bill Wilson, VE3NR, representing the Joe Norton Award Judging Committee, addressed members. The winner has been picked and published - Gord, VE3PPE. Bill thanked all three applicants for their suggestions and recommended members seriously consider the suggestions of the Judging Committee included in the questionnaire. Bill then presented the author with a handshake and a cheque.

John then presented a short slide show, asking members if they could identify the event. Eventually, it was determined to be Field Day and the winner was invited to have a coffee. John then declared the coffee break.

The meeting reconvened at 2123, with Dave, VE3JTZ, discussing Field Day. Field Day will be held from 2:00 p.m. Saturday, June 27th to 2:00 pm., Sunday the 28th, at Britannia Park. Dave noted we will have a key to the washrooms this year, for the comfort of all. Dave is also holding a Field Day net on Thursdays, 8:00 p.m., on VE2CRA. All are invited to check into the net and show up at Field Day - it is a family event. Also, the club picnic will be held Saturday night, with chef Craig, VE3KKU.

Dave noted several concerns: do not drive on the park grass - there's lots of parking - and one more phone band captain is needed.

Mark, VE3OWL, reinforced the public interest aspect of Field Day and the social aspect of having the club barbeque Saturday. He also brought a stack of advertising flyers for members to take with them to put up. There is a phone number on the flyer - it references our past-president, Dan, VE3EBI. Dan is also preparing press releases and contacting the media.

John announced the next regularly scheduled meeting of the OARC will be the first Wednesday of September. Nominations and elections will be held, membership renewals will be accepted and Dennis, VE3CYR, will talk about traffic handling.

John then thanked the following people for their efforts this year:

Coffee: John, VE3HPW, and Bill, VE3KEB
 Joe Norton Award Committee: Bill, VE3NR
 Auditorium sound/lights: Dave, VE3KMW
 GROUNDWAVE Editor: Mike, VE3PDE
 Capital City FM Net Manager: Bruce, VE3MJV
 Repeater Chairman: Harrie, VE3HYS
 Awards Manager: Brian, VE3JKZ
 EMI Committee: Ralph, VE3BBM
 Packet Chairman: Dick, VE3JBO
 Membership Manager: Peter, VE3LBW
 Other Executive: Paul, VE3JLP, Gord, VE3PPE, George, VE3NJJ, Ralph VE3GG, Mark, VE3OWL, Dave, VE3JTZ, and Dan, VE3EBI.

The meeting was adjourned for another summer on a motion by Merv, VE3CV, seconded by Mark, VE3OWL. No objections, CARRIED.

WHAT IS THE IDEAL AMATEUR

The ideal amateur is one who has a room full of electronic equipment in the basement next to the well equipped workshop. He is capable of working all modes and does so every evening for several hours. In the morning he checks into the net with his hand-held as he walks to the car--where he switches on the mobile to save batteries and extend the range. He doesn't worry about TVI because out where he lives the neighbours can't even see the 70 foot tower.

In reality the ideal ham is the one who's out in the back yard trying to figure out how to get 130' of wire up in a 100' lot. The ideal ham is the one who waxes enthusiastically when some kid asks him what he's doing with all that wire.

The ideal ham loans the neighbourhood kid an old receiver and convinces the kid's dad that the two of them should get their license. The magic of ham radio is to reach out and communicate with someone.

de THE NEWS BULLETIN of the
PEEL AMATEUR RADIO CLUB INC.
(extracted from The Bandwagon,
an article by the editor,
Bob O'Donoghue, VE3EQO)

VOICE LINKING

With the help of Gord, VE3PPE, and Dave, VE3GSA, two MOCOM 35 450 MHz transceivers were aligned for the voice linking project. Larry Kayser, VE3PAZ, has kindly donated a 220 MHz transceiver to the linking system. Thank you Larry.

73s
Harrie, VE3HYS

NOTES

September Talk:

- Dennis Garrod, VE3CYR - "The Challenge of Traffic Handling in the Eighties" - will include comments on packet radio.

Elections:

- Brett Delmage is the nominating committee
- nominations from the floor are welcome
- all candidates except Mark Farey, VE3OWL, are standing but it would be nice to have a good old-fashioned election rather than railroading.

Packet:

- Dwayne Bruce, VE3FXI, is the assistant co-ordinator for packet
- the next packet meeting is the last Wednesday in September, i.e., September 30th, in the classroom at the Museum of Science and Technology.

MEMBERSHIP

- we need more of it. Bring a friend to the next meeting - or send him if you can't make it. Good reasons (i.e., benefits for the friend and for you) for doing your bit to increase membership are:

- (1) the directory will be reissued soon
- (2) Field Day
- (3) Talks
- (4) VE2CRA - does your friend use it?
- (5) Packet Radio group (and repeater)
- (6) the Groundwave
- (7) if membership doesn't increase, the fees will go up!!!

DON'T FORGET THE FLEA MARKET ON OCTOBER 17th 31st
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JOE NORTON AWARD - 1987

Gord Dey, VE3PPE, has been chosen winner of the 1987 Joe Norton Award. This award, funded by the legacy of silent key Joe Norton, VE3PN, is given annually to the newly certified amateur in the National Capital Region who has done the most to advance amateur radio.

Since getting his ticket, Gord has been secretary of the Ottawa ARC. He has helped conspicuously on projects such as the club repeater, a voice linking project, field day, poker run and the flea market. He has helped Dan Holmes, VE3EBI, in Dan's course for beginners. He has also helped two other beginners in getting their tickets. Furthermore, he has never missed a club meeting.

Gord is a builder - he has worked on the double-ducky DF, experiments with HF, VHF and UHF antennas and has built other equipment as evidenced at the last OARC home-brew night. The Pioneer ARC and EMARG also benefit from Gord's energy and expertise.

A well rounded individual, Gord is a home handyman, has his pilot's licence and flies occasionally, and is active in his Church. In this last area he is as energetic as he is in ham radio: he is an Elder, works on many committees, sings in the choir and teaches Sunday School.

The Joe Norton Award Committee for this year consisted of Brice Wightman, VE3EDR, Bill Wilson, VE3NR, and Gord MacKay, VE3JMT, all of whom deserve our thanks for the effort they expended in selecting Gord from a small but deserving field of candidates.

Two hams have donated an HF rig and a handie-talkie for use by disabled people.

OH NO! NOT PACKET RADIO

Packet is still pretty new and developing. One area that is growing is emergency traffic handling via packet. Being sent via packet, as against voice or CW, there are no mistakes. What is originated is what is received. Packet has built-in error checking, you don't get garbage like RTTY and you don't get doubling like CW or voice. The other advantage is that you can send a real letter without cryptic abbreviations. Also, and this is revolutionary for good comprehension, you can send full punctuation.

As you can see, this is going to turn traffic handling on its head. It will speed up and totally change its format. . . check-in is automatic. Stations can receive and send messages to other stations completely unattended. All this means goodbye to the tyranny of having to check into a net at a set time, even if you have no traffic and there is no traffic for you.

In a "Round Table" situation, there is a net control but the mike is not passed around as in the usual manner but whoever has something to say just types it on his keyboard and he can address it to the group as a whole or to a specific station. This way you don't have to wait for ten other stations to mutter before you get to say your piece. This also means you can be part of three conversations at once. At last - the Amateur Radio cocktail party.

de "Computer and Hams"
by Julian, N6ARE,
WORLD RADIO, February 1986

Packet Radio Group meeting - September 30th, 7:30 p.m., Museum of Science and Technology (corner of St. Laurent and Smythe).

**OTTAWA AMATEUR RADIO CLUB INC.
BOX 8873, OTTAWA, K1G 3J2
MEMBERSHIP APPLICATION
1987/88**

Surname: _____ First Name: _____ Callsign(s): _____
FULL Address _____ Postal Code _____
Telephone: Res.: _____ Certificate: Amateur Digital
Bus.: _____ Advanced

Operating Activities

Bands: 160m 80m 40m 30m 20m 15m 10m
 6m 2m 1.25m 70cm other:
Modes: CW SSB FM FSTV SSTV RTTY Packet
 other:
Interests: HF VHF satellites
 contesting antennas
 homebrewing other:

I own a handheld or fully portable 2 metre FM transceiver
 I am a registered member of the EMO Amateur Radio Group

I am a member of: AMSAT CARF CRRL RAQI RSO

Yes, I would like to be part of the team.

Please contact me about:

- serving on the club executive
- assisting in the production of the Groundwave
- operating during or organizing Field Day
- speaking at a club meeting
- operating as a net controller for the Capital City FM Net
- assisting with the fall fleamarket/auction
- entering my homebrew project in the Homebrew Contest
- providing communications for the Canadian Ski Marathon
- packet communications

Activities that I would like the club to do this year:

OTTAWA, ONT.

36 CANADA

OTTAWA, ONT.



<u>The Ottawa Amateur Radio Club, Inc. Box 8873, Ottawa, Ont. K1G 3J2</u>			
President	John Drajewicz	38 Fuller Street	722-1854
	VE3NVF	Ottawa, Ont., K1Y 3R8	952-1904
Vice- President	Paul Cooper	R. R. 2,	821-2167
Secretary	VE3JLP	Metcalfe, Ont., KOA 2P0	
	Gord Dey	49 Stable Way	592-0680
	VE3PPE	Kanata, Ont., K2M 1A8	726-5219
Treasurer	George Caskey	19 Argue Drive	224-6415
	VE3NJJ	Nepean, Ont., K2E 6S2	
Past- President	Dan Holms	33 Crownhill Street	746-0968
Directors	VE3EBI	Gloucester, Ont., K1J 7K5	
	David Anderson	299A Craig Henry Avenue	225-0886
	VE3JTZ	Nepean, Ont., K2G 4E9	592-2122
	Mark Farey	26 Naismith Crescent	592-2522
	VE3OWL	Kanata, Ont., K2L 2K8	592-2122
	Ralph Thomas	2180 Benjamin Ave.	729-9252
	VE3GG	Ottawa, Ont., K2A 1P4	
Packet Group Chairman	Dick Atkinson	20 Mancil Drive	825-5619
	VE3JBO	Nepean, Ont., K2J 2J5	
Repeater Chairman	Harrie Jones	2-147 Arlington Avenue	237-6427
	VE3HYS	Ottawa, Ont., K1R 5S6	233-6241
Net Manager	Bruce Lauer	10 Winlock Crescent	829-9471
	VE3MJV	Nepean, Ont., K2G 3X4	957-1825
Emergency Coordinator	Ken Kendall	777B Springland Drive	731-0892
	VE3IHX	Ottawa, Ont., K1V 6L9	
EMI Committee Chairman	Ralph Cameron	30 St. Remy Drive	825-1634
	VE3BBM	Nepean, Ont., K2J 1A3	225-2850
Membership Chairman	Peter Hafichuk	118 Ivy Crescent	745-0608
	VE3LBW	Ottawa, Ont., K1M 1X6	993-1740
National Cap. Award Manager	Brian Summers	2231 Hillary Avenue	523-1535
	VE3JKZ	Ottawa, Ont., K1H 7H7	