

GROUNDWAVE

May 2000

P.O. Box 8873, Ottawa, Ontario, Canada, K1G 3J2

Check out our Web Page: www.oarc.net

VE3FFK's kitchen station makes
Groundwave cover!



Remember, if you have digital pictures, please send them
along to editor@oarc.net



AMSAT



In this Issue ...

| | |
|--------------------------------|--------|
| April Meeting Minutes | Page 3 |
| Radio Amateurs of Canada | Page 4 |
| Upcoming Hamfests..... | Page 5 |
| Next Meeting..... | Page 6 |

| | |
|--------------------------------|--------|
| mk's words..... | Page 6 |
| News from Near and Far | Page 7 |
| Upcoming Meeting Schedule..... | Page 8 |
| Map to May Meeting | Page 8 |

Ottawa Amateur Radio Club Executive

President

Ed Strange, VA3MPY
(H)
va3mpy@rac.ca

Vice-President Vacant

Secretary

Greg Danylchenko, VE3YTZ
(H)236-9291
ac742@freenet.carleton.ca

Treasurer

Elizabeth Johnson, VA3ELB
va3elb@rac.ca

Director

Marc Pichette, VA3DRV
(H) 241-9341
va3drv@rac.ca

Director

Brian Campbell, VE3ZRK
(H)737-3933
ve3zrk@home.com

Director

Keith Poore, VA3KPP
va3kpp@rac.ca

Repeater Chair

Harrie Jones, VE3HYS
(H)739-9365 • (W)738-2372
hjones@koolcfra.com

Net Manager

Marc Pichette, VA3DRV
(H)241-9341
va3drv@rac.ca

Membership Chair

Dean Denter, VA3CDD
(H) 832-0713
ddenter@ottawa.com

Groundwave Editor

John Senez, VA3JBS
(H) • (W)
editor@oarc.net

Graphic Designer

Maria Townson, VE3KIP
(H)828-9573
ve3kip@rac.ca

Production Committee

Paul Campbell, VE3PC
(H)733-0148
ve3pc@rac.ca

Delegated Examiners

Richard Hagemeyer,
VE3UNW
(H)225-3275
ve3unw@rac.ca

Mike Kelly, VE3FFK
ve3ffk@rac.ca

Coffee Guy

Brian Campbell, VE3ZRK
(H)737-3933
ve3zrk@home.com

Historical

George Roach, VE3BNO
(H)234-0885
ve3bno@rac.ca

Club Information

The Ottawa Amateur Radio Club, Inc. (OARC). 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) in the Keefer Room (2nd floor of the Old Teacher's College) of the Regional Municipality of Ottawa Carleton Head Quarters complex on Lisgar Street. Meetings commence at approximately 19:30 hours. Further details about each meeting is elsewhere in this publication.

Executive Meetings of the OARC. Inc., are normally held on the second Wednesday of each month at 19:30 hours. Contact the President to confirm the date, time and place of the next meeting.

NET's of Interest

The Capital City FM Net meets every Monday at 20:00 hours on the club repeater VE2CRA 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 Dan Reardon, VE3GUU. This feature appears on the Capital City FM Net. To list items and make inquiries, call Dan Reardon at 721-3339, ve3guu@igs.net. Also available on the web: <http://www.igs.net/~swap>

The POT-HOLE NET is a SSB/HF net sponsored by the Ottawa Valley Mobile Radio Club and is conducted every Sunday at 10:00 hours on 3.760 Mhz. All amateurs are welcome to check in.

The POT-LID CW NET is an informal slow-speed CW net sponsored and conducted by Ed Morgan, VE3GX, and meets every Sunday, except during July and August, at 11:00 hours on 3.620 Mhz, to promote interest in CW and CW procedures.

The QCWA Chapter 70 NET every Thursday evening at 2000 hrs local time. Repeater VE3TEL is used, courtesy of the Pioneer Amateur Radio Club. The frequency is 147.03 out, 146.43 Mhz in. The callsign used is VE3QCW. Visiting Hams are invited to check into this Net. You do not have to be a QCWA member to check into this Net.

Club Repeaters

| | | |
|-------------|-----------------|--------------------|
| Voice (VHF) | 146.94/146.34 | 100 Hz output tone |
| (UHF) | 443.300/448.300 | |

| | |
|-----------------|------------------------------------|
| Packet | 147.07(sx) For QSO and Packet BBS. |
| Packet 56 kbps | 220.55/433.55 |
| East of Ottawa | 145.69(sx) |
| Ottawa Centre | 145.07(sx) |
| Hull | 145.05(sx) |
| West of Ottawa | 145.03(sx) |
| South of Ottawa | 144.91(sx) |
| Nepean | 145.59(sx) |
| West Carleton | 144.97(sx) |

For further information, please contact the Repeater Chair.

OARC Inc. Memberships

- **Individual Membership** is available for \$20.00
- **Family Membership** is available for \$25.00
- **New Hams** just licensed may qualify for free membership, contact the membership Chair.
- **Junior Memberships** - To encourage young people to join the club and to participate in amateur radio, the club is opening a junior class of membership. Dues will be at 50% discount but the junior member must pick up his/her copy of the Groundwave (preferably at the meeting).

April Meeting Minutes

Minutes of the OARC, 2000-04-05

Ed opened the meeting at 19:40 with 25 present by welcoming everyone to Home Brew night.

Announcements

- Next month's meeting is scheduled for 763 Communications Squadron (or Regiment, we're not sure) on Walkley road. Bill, VE3WAR installed most of the equipment there.
- Volunteers are needed for an event on July 30. Radios are not needed. Free dinner and free beer after 20:00.-APRS Summit. Over 70 are registered for this event. Algonquin College, Rideau campus, 200 Lees. Canwarn 8-12 APRS 13-17
- Ken Willing, VE3CV is looking for volunteers on behalf of the Emergency Preparedness College in Arnprior. OPs are needed to help train officials from all over Canada. You need a 2m HT and spare batteries. The usual requirement is for a 1 or 2 day exercise normally on Wed/Thurs. Mileage expenses and meals/hotel if required are paid. More names are needed to spread the load. Contact Ken.
- Paul Campbell, VE3PC is in Holland this month and hopes to be operating from a club station there. Look for him on 10/15 Metres, 13:00-13:30 local time. He will be using the club call.
- FD2000. Brice Whiteman, VE3EDR is looking for nine more Station Managers. He is also looking for people to operate any position. Rick, VE3IHI read an outline of the SM duties.
- MOTION re: FD2000 by Dave, VE3AV, seconded and amended by just about everyone else (I lost track). That we give FD2000 \$100. Amounts discussed were; 50, 100, 200, 400, 500, 650 (hence the abundance of movers and seconders). We finally settled on \$650. CARRIED. (EXEC note: The cheque will be forwarded with a letter asking for a budget and stating that any unused funds be pro-rated and returned.)

- Mike reminded everyone of the April 16 Bunny Hunt, 9:30-10:00 start at VE3TWO, 580 Booth. End at 12:00

Home Brew

Ed asked Dean, VE3CDD and Peter, VE3BQP to judge.

George, VE3BNO showed a UOSAT telemetry decoder and gave a brief bit of the history.

Wally, VE3CBE showed some home made mag-mount antennas made from 5 1/4" disk drives.

Mike, VE3FFK and Al, VE3ZTU showed a 6 Metre FM Ramsey kit with all the trimmings. Soon to include CW.

Mike, VE3FFK showed a 2 Metre J-Pole made from a roll-up tape measure. Apparently not only is it english and metric, but it also can be used for left, right and circular polarization!

Dave, VE3AV, showed his mobile table for the car.

Brian, VE3ZRK had a number of items. A homemade power supply/doorstop; an RF sniffer; and an antenna slingshot/popiel pocket fisherman.

After careful thought, (the judges didn't want to hurt themselves or others), they awarded the prizes as follows:

1st - VE3FFK/VE3ZTU. \$100 gift certificate from Bytown.

Tie for 2nd -VE3BNO. 2 passes to "Frequency" donated from RAC.

VE3CBE. 2 more passes to "Frequency" donated from RAC.-

Free stuff tonight:

Wire from Mike. Mags from Richard. Newsletters from everywhere.

The 50/50 was won by Peter, VE3BQP. \$18.50.

Tour the 763 (Ottawa) Communication Regiment in May!

763 (Ottawa) Communication Regiment, 2100 Walkley Road (just east of Conroy) is where we'll be for the May meeting. Sgt Barry Smithers will meet us there and be our tour guide. Check the map on Page 8.

Radio Amateurs of Canada

All News below is received from Radio Amateurs of Canada (RAC) bulletin service. Readers may subscribe to this service, visit the RAC website at www.rac.ca for more information. Guy Charron VA3FZA Bulletin Editor. Email: va3fza@rac.ca Packet: va3fza@ve3kyt

RAC Bulletin 00-033E

Callsigns Available List Now Online

Date: April 1, 2000

Effective 1 April, 2000 Radio Amateurs of Canada in cooperation with Industry Canada and Information Gateway Services (IGS) have instituted a new service for Canadian radio amateurs with the inauguration of a Canadian Amateur Radio Call Signs Available List, in both official languages, on the RAC web site, <http://www.rac.ca/acl/>

The Call Signs Available List shows all the call signs available for each prefix authorized for regular call sign issue. The list is updated automatically each business day.

When a call sign is issued, simultaneously it is deleted from the Call Signs Available List and transferred to the Canadian Amateur Radio Call Sign Data Base.

The Canadian Amateur Radio Call Signs Available List and the Canadian Amateur Radio Call Sign Data Base are official Industry Canada data bases. RAC cannot make changes to either data base; RAC only displays the information on the RAC web site.

Comments on the Call Signs Available List should be directed to the webmaster, Doug Frame, VE3JDF, at: ve3jdf@rac.ca.

Queries on a particular call sign should be directed to the Industry Canada Amateur Radio Service Centre at:

Phone: 1-888-780-3333 (toll free)

Fax:(613) 991-5575

E-mail: spectrum.amateur@ic.gc.ca

Industry Canada
Amateur Radio Service Centre
P.O. Box 9654
Postal Station "T"
Ottawa, ON
K1G 6K9

RAC Bulletin 00-039E VO1NA re-elected SM

Date: April 24,2000

Joe Craig, VO1NA was recently re-elected Section Manager for a two year term that will begin on July 1, 2000 in the Newfoundland and Labrador Section.

Joe ran unopposed, eliminating the need for a balloted election.

On Air Events Reminder

April

29-May 7 NA Hi Speed Meteor Scatter Contest
29-30 Florida QSO Party
29-30 Nebraska QSO Party
29-30 Ontario QSO Party
29-30 Helvetia Contest
29-30 County Hunters Contest, Phone
29 International Marconi Day

May

6 VHF/UHF Spring Sprint
902 MHz/1296 MHz/2304 Mhz
6-7 10-10 Int. Spring Contest, CW
6-7 Danish SSTV Contest
6-7 Connecticut QSO Party
6-7 Massachusetts QSO Party
6-7 US IPA Contest
6-7 Indiana QSO Party
6-7 ARI International DX Contest

April 25 to May 25, 2000

The special event callsign VC7AIR has been assigned for the period of April 25 to May 25, 2000 inclusively. It will be used to commemorate the launch of a Y2K Balloon Event to happen sometime in the near future. The contact person for this event is Mr. Rick Martin (VE7CUP) at 250-992-8285.

May 6 to June 6, 2000

The special event callsign VC3CX has been assigned to VE3WFS for the period of May 6 to June 6, 2000 inclusively to to commemorate the First Time Activation of Camp X, a military communications and spy training camp in WW2. The contact person for this event is Winston Seeney (wseeney@home.com)

Upcoming Hamfests

16th Annual Smiths Falls Fleamarket
 Rideau Lakes Amateur Radio Club
 Saturday, April 29, 2000
 Smiths Falls ON

OVMRC Annual Flea Market
 Ottawa Valley Mobile Radio Club
 Saturday, May 6, 2000
 Stittsville ON

WIARC SPRING AUCTION/FLEAMARKET
 WEST ISLAND AMATEUR RADIO CLUB (WIARC)
 Saturday, May 6, 2000
 DOLLARD DES ORMEAUX QC

Annual Spring Hamfest and Fleamarket
 Skywide Amateur Radio Club
 Saturday, May 13, 2000
 Etobicoke ON

Dayton Hamvention
 Dayton Amateur Radio Association
 Friday, May 19, 2000
 Dayton OH

Hamfest du Quebec Hamfest 2000
 C.R.A. VE2-CBS
 Friday, May 26, 2000
 Tracy QC



mk's words

Apr20, 2000

What a busy time. First its homebrew night, then the Canwarn/APRS summit, then a transmitter hunt, then Frequency (the movie).

It was good to see a few more items out at homebrew night than has been the case recently. I enjoy seeing what other nifty toy others are working on in their basements. The stuff usually has me saying "Gee, I wish I could do that." In case you are wondering, the mechanical work on the 6 metre rig has been completed. The only thing left to get through is the tuning of the final stage, and working out whatever bugs turn up once the antenna port hits the coax. The receiver works, and the exciter seems to work. Stay tuned.

I'm sure that the other guys will have pages on the Canwarn/APRS summit elsewhere in this issue, so here is my brief take on it. I only attended the Canwarn portion, as I can't even spell APRS, and am not a digital ham. Even so, the presentation would have been worth paying money to see. Although I had seen the slides on the web before, the presentation filled in a lot of gaps. Al and I found ourselves looking at the sky a little differently on the way back from the summit. I'm not ready for a tornado (is anyone, really?) but after going through the training, I feel like I now know the alphabet, even if I'm not reading fluently yet. Things can only get better from here. I even learned something about why thunder sounds the way it does, answering some questions that re-surface during each big storm.

Once back home from that, it was time to prepare for the transmitter hunt the next day. This time it was (VE3)EPB

and I in the wonder buggy. We used the doppler DF box from Ramsey kit for the first time in a hunt. It was a success, although I don't know if it saved us much time over our previous techniques. It is definitely more "high tech", with all the flashing lights and stuff. I brought it to the last repeater council meeting, when it was still a big box of loose parts. Sorry, but I forgot all about it when I was looking around to see what I should bring to homebrew night. Maybe I will bring it along to one of the remaining meetings this spring. Meanwhile, the next hunt will be on Sunday May 28.

Yesterday was the advanced screening of the movie "Frequency", starring a magical (more than usual) Heathkit SB 301 transceiver, on 15 metres. Ignore the technical details, and enjoy the show. You may never work such exotic DX as the people in the movie do, but you never know what will fill the headphones when you really want to hear something. I wonder if those rigs are going to command a premium price at the flea markets, because they are movie stars now.

Peter Gamble says he is interested in getting a J-Pole party going, and soon. There is a flea market coming up at Stittsville, and the RAC general meeting is coming. Then there are the thing-a-thons picnics and events coming along all too soon. If you are bored, you just aren't trying hard enough.

By the way, have you sent DARF, RAC foundation, or your membership chairman the equivalent of your annual licence fee yet?

73..mk VE3FFK

Next Meeting

OARC

The next meeting of the **OARC** will be held **Wednesday, May 3rd at 19:30** at the Communication Regiment

WCARC

The next meeting of the **WCARC** will be held **Tuesday, May 2nd at 19:30** at the offices of **IGS**. #2-155 Terrance Matthews Cr., Kanata

News from Near and Far



CPC Breakfast tradition continues!

The April CPC Radio Club breakfast was held on April 1st at Louis Steak House.

Contact Guy Ladouceur, VE3WGL gal@igs.net for information about the May edition!

Community Service Events need your help

There are several ways we Amateurs can prove our value to the community and this is one of them. No other organization is in a position to supply radio communication the way we can. The events below are all in the interest of charity, even the Italian Festival. If we supply communication for the Italian community, they will make a sizeable donation to a charity of our choosing. All the rest are charitable organizations themselves and deserving of our support.. You don't have to be a member of any Amateur Radio club to participate. The only requirement is a 2- Metre hand held radio and some free time.

So come on Ladies and Gentlemen, pick the events which you will be able to serve on from the list below and give your decisions to Ken Barry at 613-746-4823 or e-mail me at kennan@storm.ca.

If you don't have access to e-mail, please send it to me by ordinary mail at 454 Wolffdale Cr.Ottawa, Ont K1K 1N4

Events List for the year 2000

Saturday, May 27th

"Ottawa Triathlon"

8:00 a.m. - Carleton University - Ottawa
500M Swim -20Km Cycle - 5Km Run

8:00 a.m. "Ottawa Duathlon"
2Km Run -20Km Cycle - 5Km Run

Saturday, June 3rd

"Electrathon"

7.00 am to 5.00 p.m. - Stittsville

Sunday, June 18th

"Father's day Fun Run"

8.00 to Noon - Parliament Hill

Friday, June 16th

"Italian Festival"

6.00 p.m. to Midnight - Preston St.

Saturday, June 17th

"Italian Festival"

6.00 p.m. to Midnight - Preston St.

Sunday, June 18th

"Italian Festival"

6.00 p.m. to Midnight -Preston St.

Saturday, July 1st

"The Mews Run"

8.30 to Noon Ray Friel Center, Orleans

Sunday, September 17th

"Terry Fox Run"

7.00 to ? Carleton University

Sunday, October 8th

"Ottawa Marathon"

8.30 a.m. until 12.00 p.m. Cumberland Town Center

OARC Elections Coming!

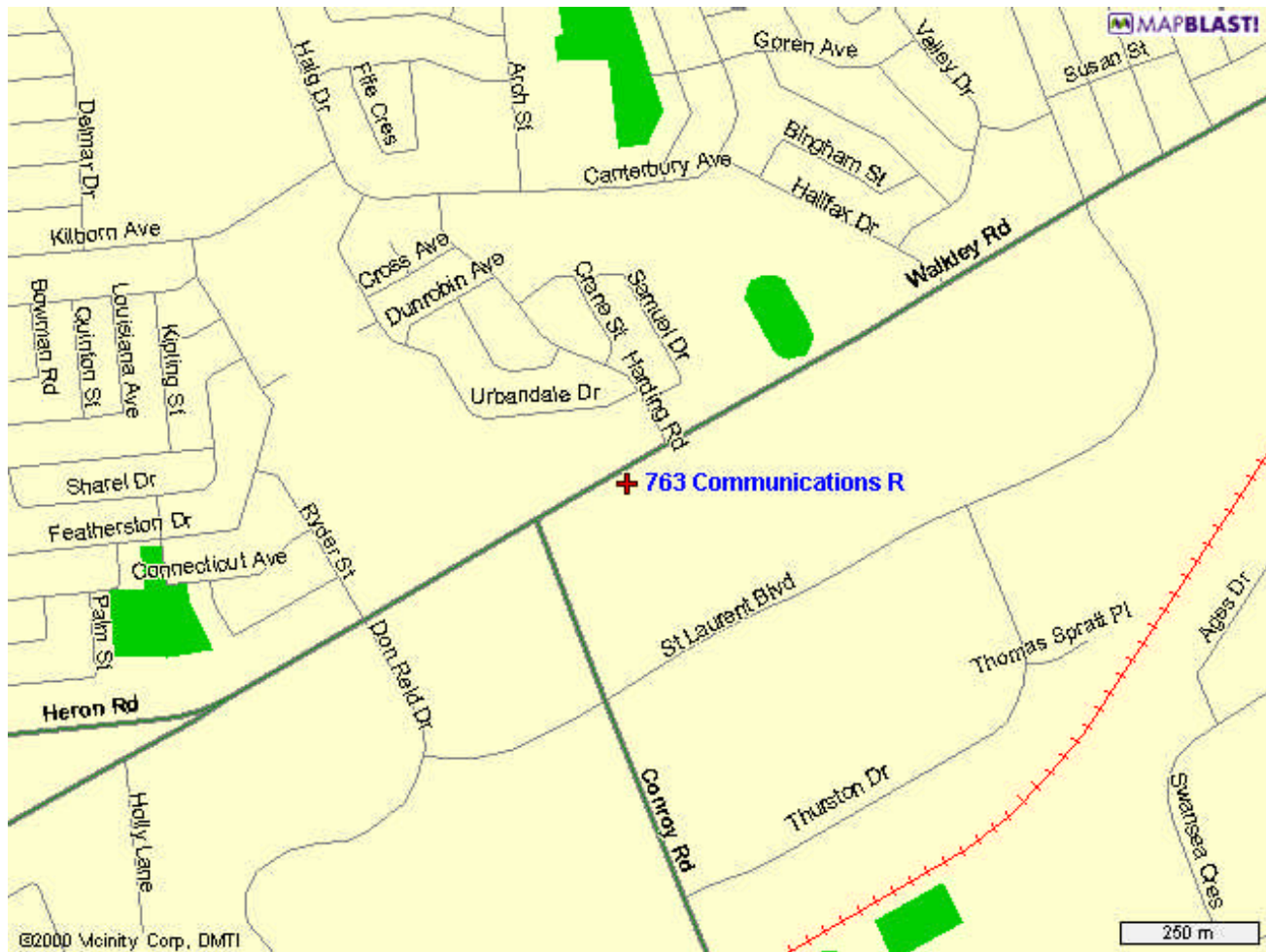
In June! Please consider serving on the executive. The executive meets the Wednesday following the regular club meetings. Contact any current member of the executive for more information.



Upcoming Meeting Schedule

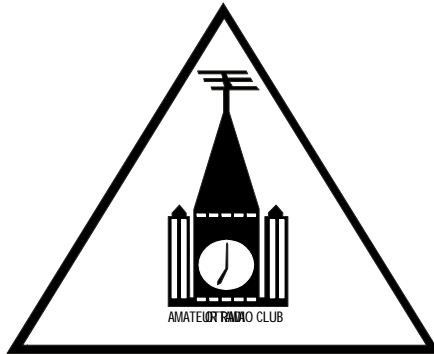
| | |
|------------------|--|
| May 2000 | Communications Squadron Tour |
| June 2000 | Elections, Budget, Volunteer Recognition and Cheese and Cracker night! |

Map to May Meeting



Hope this map prints ok!
763 Communications Regiment
2100 Walkley Road, just east of Conroy

The Ottawa Amateur Radio Club
is pleased to announce its 4th Annual



Hamfest

Saturday, September 2, 2000 (Labour Day weekend)

Tailgaters Open and Building Vendor setup: 9 am

Building Opens: 10 am until 1 pm

APRS Demonstrations/Summit: 1pm-4pm(approx)

Carp Agricultural Fair Grounds

3970 Carp Rd (at Falldown Lane)

Carp, Ontario

Highway 417 East to Carp Road exit, North to the fairground

We have moved to the Arena, so follow the signs on the site

\$4 general admission

\$10/table (plus admission)

\$5/tailgate (plus admission)

A Special Door Prize - **Kenwood TM-D700A VHF/UHF Dual Band Transceiver With TNC** very generously donated by:



Bytown Marine Limited

5 Corvus Court

Nepean, Ontario, K2E 7Z4

Phone: (613) 723-8424

The OARC Hamfest will be held at the same time as the Carp Farmer's Market. So in addition to their amateur radio needs, guests can also enjoy stocking up on farm fresh produce and crafts from local artisans. Bring the family!

For further information or reservations contact:

Greg Danylchenko (VE3YTZ)

Tel: (613) 236-9291(H)

e-mail: fleamarket@oarc.net

Web address: <http://oarc.net/fleamarket>

OTTAWA AMATEUR RADIO CLUB



BML Communications

(a division of Bytown Marine Limited)

5 Corvus Court, Nepean, ON, K2E 7Z4

Tel: 613-723-8424 Fax: 613-723-0212

Email: gwalker@bml.ca

Web: www.bml.ca

**Win a 'D700 at
the OARC
Fleamarket!**

**Regular price
\$1099**

**Save \$25 with
this Ad!***

* Everybody likes fine print, so here it is.
Head over to Bytown and check it out!
Offer good until price is lowered!

TM-D700A



Kenwood continues to provide new and advanced **APRS**[tm] ham radio equipment by introducing the new **TM-D700A** mobile transceiver. For current owners of the **TH-D7A** handheld with built-in TNC and **APRS**[tm] software, the **TM-D700A** offers even more features and versatility. The **TM-D700A** is unlike any other dual-band mobile radio Kenwood has ever produced. The control head is detached and comes with remote cable for easy installation. The new radio also incorporates a 9-pin PC connection for easy hook-up to program frequencies and other **APRS**[tm] mapping programs. Your **TM-D700A** is a full dual-band operation radio so VHF+VHF/VHF+UHF/UHF+UHF operation is possible. Full digipeater functions allow anyone to set up a digipeater location wherever needed to help fill in **APRS**[tm] nationwide network. Internet gateway operation is also possible for world-wide text communication over VHF.



We also offer authorized factory service

Store Hours Monday to Friday 10 am - 6 pm Saturday 9 am - 1 pm excluding holidays