

# The Framingham Circuit

Newsletter of the Framingham Amateur Radio Association

March 2007, Vol. 74, No. 3

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## Thursday, March 1 This Month's Meeting

Fred Hopengarten, K1VE will speak about Antenna Zoning. Fred is the author of the ARRL published book: Antenna Zoning: For the Radio Amateur. This should be a great meeting!

## Submitting Material to the Circuit

Material may be submitted for publication by sending it directly to the editor. This can be done by US Mail, or via the Internet (preferred). The deadline for each issue is the **Wednesday**, one week before the monthly meeting.

**by mail**  
Robert Hess, N1UVA  
1175 Farmington Ave 3-204  
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**by internet**  
circuit@fara.org

## President's Message

Hello FARA members! It was great seeing you all at last month's meeting. Sumner, W1VIV gave us an interesting presentation on selling ham gear on EBAY. We had a nice turnout of close to 30 people. Thanks to all who attended!

This month will be a very busy one for FARA. Our general meeting on March 1 will feature a very special guest speaker, Fred Hopengarten, K1VR, who will speak to us on Antenna Zoning. Fred is an attorney (ARRL counsel, no less!) and is the author of the renown Antenna Zoning book. In addition, Fred has written several articles for QST and is an avid contester to boot! Fred is widely acclaimed in ham radio circles, so please make every effort to attend this meeting! You will be glad you came!

Also, I will be passing around a sign up sheet for the flea market at Keefe Tech on April 1. Many hands do lighten the load, so please think about how you can help. We need people to assist with moving sellers gear, checking in sellers, taking money from buyers, and cleanup. Our flea market chairperson, Steve, KB1NIV and I appreciate it!

We will be holding our first VE session on March 14 under the new "code-free" rules. If the code has been a deterrent for you from upgrading, fear no more! If you need help understanding the material, the resources in the club are available to you!

Finally, my thanks to Ed, W1NXC and his License in a Weekend crew for organizing the event on March 16, 17 and 18. I know they will do their usual superb job!

See you all on March 1!

## FARA Scholarship 2007

Must be a FARA member and a licensed Ham Radio operator.

The must have been active member of FARA.

The dead line for submitting applications is April 15, 2007.

Preference will be given to graduating high school seniors.

For an application contact Richard Cosma AA1VI at 508 877 8241.

## Pre-Flea Sale

By Sumner, W1VIV

The FARA Flea Market will be on April 1, 2007, at Keefe Tech in Framingham. This year, for the first time, we are having a Pre-Flea Sale! Paid-up club members are entitled to a 15% discount, and non-club members can get a 5% discount off our already low Flea Market prices. The Pre-Flea Sale will be held at the FARA club on Saturday, March 10, at 10:00 am. So that we may have an idea of attendance, please e-mail w1viv@arrl.net if you are planning to attend.

FARA Flea Market Club Table Inventory, 2007

Heathkit HR-20 HF Receiver, complete with HP-20 AC Power Supply \$100

Klein Heavy Duty Climbing Belt, No. 5480 (size-small) \$40

Tektronix Scope-Mobile cart, Type 200-1, Model A \$25

Hewlett Packard dual-trace Oscilloscope, 1201A \$60

Alliance Tenna-Rotor, U-100 with manual \$15

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Alliance Tenna-Rotor, T-12 with manual \$15

Hewlett Packard Clip-on DC Milliammeter, 428B \$30

Heathkit Transmitter, DX-35, with manual \$60

Heathkit VFO, VF-1, with manual (for DX-series xmtrs) \$50

Hewlett Packard KS-20199 Magnometer Probe \$10

Mirage 80 watt output 2 meter amplifier B108 \$60

B & W Low Pass Filter, FL10/1500 \$15

Drake Low Pass Filter, TV-1000 \$15

Heathkit Transceiver HW-5400, complete with HWA-5400-1 Power Supply and manuals \$150

Hewlett Packard Wide Range Oscillator (5Hz—600KHz) \$75

Tandy Portable Computer, 102, with orig. box & manual \$35

Halo 6 meter horizontally polarized antenna, with mast \$30

20 inch Parabolic Reflector \$5

Rohn 25 Tower Rotator Mounting Plate \$20

Cushcraft VHF-Twist A144-10T 2 meter antenna, with manual (looks brand new) \$75

Uniden HR 2510 10 meter Transceiver, 25 watts output \$50 SSB/CW/AM/FM, with manual

Kenwood TS-700S 2 meter all-mode Transceiver, with manual \$50

Motorola Vintage FM Mobile Station FM-TRU, with manual and accessories \$10

Kenwood TR-9500 UHF all-mode Transceiver, with manual \$50

Hewlett Packard XY Recorder 7035B,

with manual \$30

Hewlett Packard Frequency Counter 5221B, with manual \$30

Hallicrafters Receiver SX-99, very clean, with manual \$30

RCA RF Signal Generator, WR-67A, to 30 MHz \$25

AEA PK-232MBX Pakatt 232 TNC \$75

Swan 1200W Linear Amplifier \$100

Cornell Dubilier AR-22 Antenna Rotator \$20

Alliance HD-73 Antenna Rotator, with manual \$35

Large spool of new RG-8/U Coaxial Cable -- a bargain at 3 feet for \$1.00

PLUS

Hundreds of miscellaneous parts and accessories!

**Ham-Snowmobiling**

By Rick, K1RJZ



We have three sleds all with very basic MURS VHF communications. If one sled breaks down or the driver takes a wrong turn, the radios DO get used. Many remote, mountainous areas between Meredith and Plymouth have no cellular coverage so W1JY on 147.39 is the primary venue for safety communications.

Family use is on MURS VHF freqs using inexpensive, eBay-purchased commercial radios so that I can QSY from MURS to ham freqs in an emergency.

The Antenna is a Diamond NR770HB no ground plane required. 2m+440 1-1/2l, 2-5/8l

**FARA Email Reflector**

If you have email and aren't signed up for the FARA email reflector, you're missing out on the last-minute news and updates. To sign up, send an email to Sharon at [kc1yr@kc1yr.com](mailto:kc1yr@kc1yr.com) requesting her to add you to the reflector.

**Shopping Online?**

Use [fara.org/amazon](http://fara.org/amazon) and help out the club. FARA receives a small percentage of your order.

**Membership Dues**

Annual membership dues are as follows: (Make checks payable to FARA)

Regular FARA \$15

Student / Retired \$10

Repeater (voluntary) \$10

# Framingham Amateur Radio Association Spring Flea Market and Exams

Sunday, April 1, 2007

**New location: Keefe Technical School**

Doors open at 9 am

Amateur radio equipment, electronics and computer hardware and software

\* Admission for buyers: \$5 (under-12 free with adult)

\* Door prizes -- grand prize a new 2-meter HT!

\* Tables: Six-foot table, paid in advance, \$20 or \$25 at the door

\* Seller setup starts 7:30 a.m. Sunday. Free coffee and donuts! Load/unload help available!

\* License exam sessions, QLF contest

For information on tables, e-mail Steve KB1NIV, call him at 508-872-9336 before 9 pm or go to our online table reservation form at [www.fara.org](http://www.fara.org)

For information on exams, contact Jim W1EQW 508-435-6487.

Talk-in: 448.025 repeater (PL 88.5)


Keefe Tech, 750 Winter St., Framingham. Then follow the signs to the Framingham flea market

## FARA Horizons

- |              |   |
|--------------|---|
| March 1:     | Club Meeting                                    |
| March 16-18: | License in a Weekend                            |
| March 26:    | Board Meeting                                   |
| April 12:    | Pizza Party (2nd Thursday of the month meeting) |

This month's Circuit sponsored by:

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**Club Information 2007**

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Meeting: Club meetings are normally held on the 1st Thursday of each month at 7:30PM in the basement of the Danforth Museum, on Lexington St.

Club Nets: FARA Net: Sunday, 7:30PM, 147.75/147.15 - social/chat, ARES preparedness

Club Station: W1FY, the club station and shack, is open Saturday mornings from 8:30-12:00. Call the club number, 879-8097 to confirm.

Club Web Site: <http://www.fara.org>