



See you at our next meeting!

Feb 2, 2010 7 PM
First Church, Nashua

NEXT MEETING – February 2

Program

How to Untangle Antenna Interactions Lee – WB1ADR

Lee, WB1ADR, will provide a presentation on how to find the offending antenna that is causing that killer wire antenna you just put up to go haywire. Come out to the February meeting and find out yet another nifty use for the MFJ-259 antenna analyzer.

Announcements

New/Renewed Members in January – KB1RHB – Dana

MARS

Effective 23 Dec 2009, MARS became the **Military Auxiliary Radio System**. Prior to 23 Dec, “A” stood for “Affiliate” – it never stood for “Amateur.” The definition (per DODI 4650.02 dated December 23, 2009) of a “military auxiliary” is “An organized body of volunteers prepared to supplement the uniformed services or any designated authorities by provision of autonomous services when called upon or when situations warrant (e.g., Civil Air Patrol, U.S. Coast Guard Auxiliary)”

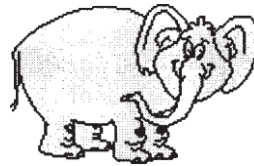
HAM-CON - VT-ARRL Vermont State Convention - 8AM-2PM Sat Feb 27, 2010 - Colchester, VT
HAMpton Inn Convention Center - I-89 (Exit 16) <http://www.ranv.org/hamcon.html>
Flea Market, dealers, Forums on: Antennas, RFI, D-STAR, ARRL, and others
W1V special event station, VE session - \$6 at door, \$8 in advance

Echolink Net - International Echolink Youth Roundtable - 9PM Fridays - 147.105+(PL88.5Hz)
Bill - ne1b@myfairpoint.net 603-321-0389

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Tiny Elephant's Corner



A NARC Bulletin Exclusive

A monthly column by Ed Deichler, K2TE

Field Day 2010

No, you didn't fall asleep like Rip Van Winkle and wake up and it's June. (I think many of us wish we could do that right now.) A couple of months ago, I asked around at one of the club meetings about a new venue for Field Day for 2010. I had mentioned the possibility of operating from an EOC in the area. Why an EOC? Well, it has gained attention as a Field Day item over the past few years to acquaint the professional emergency service providers with the back up amateur resources that exist. We never claim to be front line; just secondary tier and non-critical but essential (e.g., provide status reports on the progress of a flood to busy primary rescue personnel).

While Field Day has the aura of a contest, I think the main thing with operating from an EOC would be exposure to both sides of what the other has to offer. Sure, we do a lot of HF operating, but there are plenty of HTs, mobile rigs, and GPS or APRS units that the pros would recognize and realize that these days we are more than old men yakking on the radio.

I've heard concern in the club that an EOC may not be large enough for what we do. Perhaps a few stations operated by several shifts of fresh operators would work vice trying to maximize simultaneous stations. It has also been mentioned that staging at a firehouse as an EOC activity would work just as well as a police station. I think the police & fire departments ought to be receptive to the idea since they both must work together in an emergency and both need to understand the situational awareness hams can provide. In addition, a firehouse might be easier to accommodate us vice the stricter security atmosphere at a police station (e.g., unescorted personnel in and out over a weekend).

Another possibility is to have it both ways. The idea is to set up a NARC Field Day site as usual for those who want to do the "contest" part and have an auxiliary "FD" site at an EOC venue. The aux site would be used to pass traffic to the "contest" site as a demo of "short range" comm and capabilities in addition to contacting any non-NARC stations. Don't know if the aux site points would count for FD count but it would demo emergency comm capabilities.

Well, there you have it. The idea is on the table. I'm inviting the membership to chime in with some other ideas or places we can set up. Feel free to send your comments to me or anyone on the board so we can firm up plans.

73 de TE

FUTURE PROGRAMS

March – AF1T – Dale; An Illuminating Introduction to Antennas

April – WB4MDC – Jack – Check Your Rig Night

May – VK1CV – Andrew – UHF & VHF, Upside Down

June – K2TE – Ed – Field Day 2010 Preview

July – K2TE – Ed Field Day Wrap

August – NO MEETING

September – N1IW – Dxpediton to Kiribati

Nashua Area Radio Club

Treasurer's Report

For Period from January 1, 2009 to December 31, 2009

Beginning Balance, January 1, 2009 **\$4,829.84**

Receipts

Advertising	\$150.00
Badges	\$10.00
Field Day Meals	\$336.00
Field Day NARC Equipment Auction	\$191.81
Donations	\$625.00
Membership	\$830.00

Total Receipts **\$2,142.81**

Disbursements

Badges Fabrication	(\$6.00)
Donation (James T. Blaine for Hillsborough County ARES)	(\$300.00)
Donation (Nashua Public Library)	(\$100.00)
Field Day Expenses	(\$84.95)
Field Day Meals	(\$391.65)
Insurance	(\$325.00)
Membership Refund (SK)	(\$40.00)
Newsletter Postage & Labels	(\$259.98)
Newsletter Printing	(\$379.50)
P.O. Box Fee	(\$92.00)
Treasurer Postage	(\$6.92)

Total Disbursements: **(\$1,986.00)**

Ending Balance, December 31, 2009 **\$4,986.65**

NARC Club Badge Order Form

Please print your First Name and Callsign as you would like them to appear on the badge:

Send (or give) to : **Price: \$5.00 each**
Treasurer, Nashua Area Radio Club
PO Box 248
Nashua, NH 03061

Please make checks payable to: Nashua Area Radio Club
 Badges will be mailed.

WORLDWIDE DISTRIBUTION



Peter Cantara, KI1M
 Chuck Wyrick, NIUC

224 N. Broadway
 SALEM, NH 03079
 (603) 898-3750, 1-800-444-0047
 FAX (603) 898-1041

ANAHEIM, CA : ATLANTA, GA : BURBANK, CA : DENVER, CO :
 NEW CASTLE, DE : OAKLAND, CA : PHOENIX, AZ : PORTLAND, OR :
 SALEM, NH : SAN DIEGO, CA : SUNNYVALE, CA : WOODBRIDGE, VA

Treasurer's Report – December 7, 2009 to January 5, 2010

	Beginning Balance	\$5,073.57	
Receipts		Disbursements	
Membership \$20.00		Digital Projector-Optima	(\$662.91)
		Nashua Library Donation	(\$100.00)
		Treasurer Postage	(\$6.92)
Total Receipts	\$20.00	Total Disbursements	(\$769.83)
	Ending Balance:	\$4,323.74	

New ARRL Web Site Coming Soon! (Jan 19, 2010) -- It's almost here! After more than two years of planning, designing and writing, the ARRL is anxiously awaiting the launch of the new ARRL Web site. We've been able to make the online experience easier for our members -- from the online store, to registering for a class, to finding a club -- plus we've created a new, enhanced member profile with many more options available. We've made improvements with you in mind, making sure that we've created the easiest, most enjoyable online experience possible. The new Web site will be available the first week of February.

There's a lot of changes for PIOs too and I think you will really like the new layouts and capabilities. I know many of you are also editors of your club's newsletters, so please cut and paste the info above so we can get the word out to people.

Key Talking Points:

- Greater functionality and ease of use
- Easier navigation
- Ability to have audio and video
- Downloading of files enhanced
- More interactive pages
- Faster posting of breaking news and info
- Greater service to members
- Trusted source for accurate information
- Major resource of radio and wireless technology developers
- Internationally seen as the primary source of Amateur Radio information

White House Names Ham as New Cybersecurity Coordinator

On December 22, 2009, President Barack Obama named Howard A. Schmidt-W7HAS, as the new White House Cybersecurity Coordinator. Schmidt, one of the world's leading authorities on computer security, with some 40 years of experience in government, business, and law enforcement, will serve as a key member of the National Security Staff. For more on Schmidt, who served in a similar role in the Bush White House after 9/11, and his ham and law enforcement/cybersecurity background; <http://www.arrl.org/news/stories/2010/06/11278/?nc=1>

The KY1N Memorial Exam List

Scheduled VE exams for February 2010: MA ME NH VT
Please check with the contact person, as some dates are tentative

Date	Time	Contact	Location	Phone
2/6/2010	10:30	Larry Houbre, AA1FS	Dartmouth	MA 508-991-6055
2/8/2010	19:00	* Jim Clogher, N1ICN	Boston	MA 617-364-4658
2/10/2010	19:00	Bruce Anderson, W1LUS	Billerica	MA 978-851-2886
2/12/2010	18:30	Ralph T Stetson III, KD1R	Burlington	VT 802-878-6454
2/13/2010	9:00	Ben Fleck, K2LYE	Falmouth	MA 508-540-2583
2/13/2010	9:00	Bill Wade, K1IJ	Marlborough	MA 617-699-3670
2/14/2010	12:00	Bob Quinn, WV1A	Gloucester	MA 978-283-4660
2/15/2010	19:00	Skip Denault, KB1CNB	Fall River	MA 774-644-3469
2/17/2010	19:30	Nick Altenbernd, KA1MQX	Cambridge	MA 617-253-3776
2/18/2010	19:30	Louis Harris, N1UEC	Canton	MA 508-668-0858
2/22/2010	19:00	Willard Boutwell, N1EWW	Northfield	MA 413-774-4669
2/24/2010	19:00	* Paul Upham, KD1YH	Lunenburg	MA 978-597-6535
2/26/2010	18:00	David Cote, W1FAB	Holyoke	MA 413-575-2950
2/27/2010	12:00	+ Daniel Lee, W1DFL	Danvers	MA 978-352-4513

**NOTES: *= PREREGISTRATION MANDATORY
T = TECHNICIAN EXAMS ONLY
+= PLEASE CALL TO GUARANTEE SEATING**

TIMES ARE LOCAL TIMES

Please remember to bring the following with you"

- a) Original & copy of FCC license (if licensed)
- b) Originals & copies of all CSCEs you are claiming
- c) One photo ID, or two non-photo IDs (one with address)
- d) The 2009 Test Session Fee of \$15.00

For latest update check <http://www.ky1n.net>

Minutes of the Board of Directors Meeting – December 28, 2009

Attendees: Present were the President, Ed Deichler (K2TE); Secretary, Jack Duffy (NF1L); Treasurer, Bill Bordy (NJ1H); Membership Director, Bill Lana (N4COY); and Activities Director Bill Hammond (KA1SSR). The Vice-President, John Halbert (W1SMN) was unable to attend.

Location: The December Board Meeting was held in the Hunt Room of the Nashua Library.

Projector: The Board discussed four possible projectors, two in the \$600, and two in the \$1000 price range. After much discussion the Board settled on the Optima HD-65 projector for about \$700 including shipping. The Optima HD-65 was more state of the art than the other projector in the same price range. The use of the projector will be limited to Club meetings and Club sponsored functions. The Treasurer will store the projector when not in use.

Treasury: We have \$4993.57 in the bank at this time

Membership: John Halbert is in charge of Coffee and Doughnuts. We have 44 active members, 36 paid and 8 life members.

Treasury: We have \$5,088.07 in the bank at this time.

Activities: Pizza this week is on Wednesday at Zacharia's in Hollis at 6:15PM. Remember breakfast is at Nathaniel's at 7:15 AM every Saturday.

Adjournment: Having no further business the Board Meeting was adjourned at 8:30 PM. The next Board meeting is January 25th in the Hunt Room.

Minutes of the NARC Club Meeting – January 5, 2010

The President, Ed Deichler (K2TE), called the meeting to order at 7:04 PM in First Church, and began the meeting with introductions.

Program: Program was Project Night.

Jack Duffy (NF1L) presented a method for mounting maps, etc with grommets.

Rich Carter (KE1EV) presented a test oscillator built from an Elecraft Kit, the restoration of a HW-101, a homemade RF Probe, and the restoration of a Heathkit VTVM.

Bill Bordy (NJ1H) described an 80 meter vertical with a raised radial that he put up, and the effort to integrate his Flex-5000 to a new computer.

Ed Deichler (K2TE) described the performance of a second 160 meter K9AY receiving loop that he put up. He also covered his efforts at modifying his steerable wave Beverage Antenna using 450-ohm line and new termination transformers. Unfortunately, more work needs to be done for the Beverage to hear better.

Treasurer's Report: The Treasurer, Bill Bordy (NJ1H) reported that the Club Treasury balance is \$4323.74. The balance at year end was \$4986.65 before the purchase of the new projector and other expenses.

Budget: The 2010 Budget was presented and approved by unanimous vote.

Activities: Christmas Party was at Florence's Saturday, there were 16 in attendance, and a good time was had by all. Pizza is at Mr. G's in Merrimack this week.

Audit Committee: Rich Carter (KE1EV) and Frank Swiech (N1DGQ) volunteered for the Audit Committee.

Activities: Pizza is at D.W. Pizza in Merrimack this week

Membership: We have 44 members including 8 lifetime members.

President: Ed Deichler (K2TE) noted that the New England Division meeting will be held on January 9th at the Sheraton Monarch in Springfield, MA. The President, Secretary and Treasurer will attend.

Program: Next month, February 2nd, Lee Hill (WB1ADR) will talk on "Antenna Interaction"

Vice President: John Halbert (W1SMN) noted that he has found a new advertiser for the Club bulletin. D.W. Pizza declined to renew their sponsorship.

Field Day: We need an Incident Commander for Field day.

Adjournment: Having no further business, the meeting adjourned at 9 PM

The

Founded In Nashua, NH on October 3rd, 1979, in order to operate a non-profit corporation for education and scientific purposes as follows:

- 1) To educate and increase proficiency of its members in the science of radio communications
- 2) To provide for the dissemination of information among its members concerning scientific advancement and progress in the field of radio communication
- 3) To organize and train units of licensed radio amateurs capable of maintaining radio communication as a public service during periods of emergency

Executive Board-2010:

President	Ed Deicher K2TE	(603) 429-0221, pres@n1fd.org
Vice President	John Halbert W1SMN	(603) 888-3086, vp@n1fd.org
Secretary	Jack Duffy NF1L	(603) 882-2085, secy@n1fd.org
Treasurer	Bill Bordy NJ1H	(603) 882-3789, treas@n1fd.org
Activities	Bill Hammond KA1SSR	(603) 595-2403, activities@n1fd.org
Membership	Bill Lana N4COY	(603-557-9783) membership@n1fd.org
Programs	-OPEN-	programs@n1fd.org

Activities & Committees – 2010:

QSL Manager	Ed Deichler , K2TE	(603)429-0221
Field Day	Ed Deichler , K2TE	(603)429-0221
Station Trustee	Ed Deichler , K2TE	(603)429-0221
Club Property Training		
Training Asst.	Rich Carter , KE1EV	(603) 889-2459
EC Liaison	Bill Lana , N4COY	(603)557-9783
Audit Committee	Rich Carter , KE1EV	(603) 889-2459
	Frank Swiech N1DGQ	(603) 888-0277
Volunteer Exams	Jim Heedles , WW1Y	(603) 673-7395

Nashua Area Radio Club Internet Home Page: <http://www.n1fd.org>

WebMaster: **Bill Bordy**, NJ1H
webmaster@n1fd.org

NARC Board Mailing List: bod@n1fd.org

NARC General Members Mailing List : members@n1fd.org

ARES Emergency Coordinator for Hillsborough County:
Jim Blaine, WD4JZO, 603-889-4429, wd4jzo@arrl.net

ARRL: 1-800-32-NEWHAM or newham@arrl.org,
www.hello-radio.org

Nashua Area Radio Club meetings are accessible for the physically challenged

2010 NARC Calendar

Board Meetings:

Monday, Jan 25, 7 PM - Nashua Public Library
Monday, Feb 22, 7 PM - 2 Court St, Nashua

Club Meetings: (Coffee & Donuts at 6:30 PM)

Tuesday, Feb 2, 7 PM - First Church
Tuesday, Mar 2, 7 PM - Concord St, Nashua

Programs:

Feb – Antenna Interactions – WB1ADR – Lee
Mar – An Illuminating Intro to Antennas – AF1T – Dale

Weekly Events:

6 Meter Net: 1st & last Sun – 9 PM – 50.18 MHz USB

10 Meter Net: 1st & 3rd Sun – 9 PM – 28.480 MHz USB

Pizza:

Thursdays 6:15 PM, Various Locations,
check 147.045

Breakfast:

Saturdays 7:15 AM Nathaniel's Restaurant
537 Amherst St (Rt 101A)

Hillsborough County ARES Training Nets:

4th Thursday each month – Simplex - 147.405
Other Thursdays – 147.73 PL 88.5

New Hampshire ARES Training Net:

Saturdays – 8:30 AM 3.945 MHz +/- LSB

Nashua Area Radio Club Bulletin

Published by the Nashua Area Radio Club, Inc. just prior to its monthly meeting and distributed free to members and friends of Amateur Radio.

Bulletin Staff:

Editor: **Bill Lana**, N4COY (603) 881-7308
N4COY.NH@gmail.com
Advertising: Position Available
Circulation: **Bill Lana**, N4COY (603) 881-7308

Deadline for submitting articles or photographs for the next issue is the Monday following the current month's Club meeting. Electronic submissions are preferred and should be sent via electronic mail to N4COY.NH@gmail.com. On-line images may also be sent electronically in any standard image file format. Material for publication can also be sent to Bill Lana, 29 Pemberton Rd, Nashua, NH 03063

Advertising enquiries should be addressed to P O Box 248, Nashua, NH 03061-0248 or by contacting any of our Board Members. Advertising matters must not be raised over the Amateur airwaves.

Nashua Area Radio Club Official Membership Application

New Applicant:	<u>Date Applying</u>	<u>Regular</u>	<u>Student/Sr. (Over 65)</u>	<u>Family</u>	Renewal:	<u>Regular</u>	<u>Student/Sr. (Over 65)</u>	<u>Family</u>
	Sep-Nov	\$20.00	\$15.00	\$30.00		\$20.00	\$15.00	\$30.00
	Dec-Feb	\$15.00	\$11.25	\$22.50				
	Mar-May	\$10.00	\$ 7.50	\$15.00				
	Jun-Aug	\$ 5.00	\$ 3.75	\$ 7.50				

Annual Dues - due September 1st of each year.
Membership year runs from September to August.

Name _____ Callsign _____ Class _____ Packet address _____
 Address _____ City _____ State _____ Zip _____
 Home Phone _____ Work Phone _____ Email address _____
 Monthly Newsletter Mailing Preference Electronic US Mail ARRL Member yes no Expiration date _____

Additional Family members:

Name/Callsign _____ ARRL Member yes no Exp. _____ Email address _____
 Name/Callsign _____ ARRL Member yes no Exp. _____ Email address _____

Make checks payable to: The Nashua Area Radio Club. Mail check and application to: Membership, Nashua Area Radio Club, PO Box 248, Nashua, NH 03061.

In signing this application, I hereby apply for membership in the Nashua Area Radio Club, and agree to abide by its constitution and by-laws.

Signature _____ Date _____

*Tour the World with Amateur Radio
 Next meeting February 2, 2010, 7 PM – First Church, Nashua*

Nashua Area Radio Club
 P. O. Box 248
 Nashua, NH 03061-0248