



See you at our next meeting!
 December 4, 2006, 7PM
 Nashua Public Library

Nominations Open

Come to the December meeting prepared to vote for officers – or to become one. Although many of the current board are able to stay on, we're looking for a new Programs Director and a new Vice President. In addition, we need nominees for the Audit Committee, which cannot include any board members.

Upcoming events ...

Dec. 4 Club meeting in Nashua: Awards and Elections

Dec. 9 Christmas party - 6 PM
 Florence's Restaurant
 Merrimack

Jan. 8 Club meeting: Member Projects
 (location TBD)

Feb. 9-11 NH QSO Party
0000Z Feb 10 (7 PM Fri)
to 2359Z Feb 11
 Help put N1FD on the air!

This month . . .

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NARC in 2006

Ed Deichler, K2TE

As we wrap another year, I thought I would take a moment to reflect back on 2006. It occurred to me that there has not been a year-end assessment of NARC activities in the bulletin for some time. This is the end of my second year as president of the club and I've decided to hang around for another year, so relax – you still have me to kick around for a while. More importantly, I wanted to take this opportunity to reach out to everyone in the club beyond my usual tongue-in-cheek column. Hey, most of you don't make it to the club meetings so I have to get to you somehow.

Let me start with the club programs that are the highlight of each meeting. Setting up a program each month is the responsibility of the Programs coordinator, a job that is probably the most challenging on the board. A lot of what goes into planning a program is based on the coordinator's interests in the hobby, or if he/she knows someone who would make a good presentation on a particular topic for the club. The one common thread we try to stick to is that the program has something to do with ham radio.

NARC IN 2006 | Page 6

What's in a label?

If you received this copy of the NARC bulletin by USPS first class mail, you will notice that there is an address label on the front page. Your label may have an extra character on the far right, first line. Take a quick look to see if your label has one. If it does, it means one of the following:

- . **X** - Your membership is about to expire, time to renew.
- . **F** - Your membership *has* expired, and this will be your last issue of the bulletin, until you renew. Please note, that you will **NOT** be allowed to vote or run for office at the December meeting for the new board of directors.
- . **P** - Your preference for how to receive the bulletin is unknown. Since we don't know if you want the bull by email or first class USPS, we have mailed it to you. You can send an email to <membership@n1fd.org> and change your preference, but please make sure to include at least your call sign so we know whose preference we are changing.

Thanks to all, we are trying to make sure that we have up to date information for our membership.

Stuart Sherman / N1STY
 Membership Director

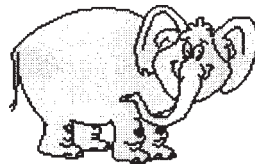
Example of an expired membership:

Fred Hambone / NO1SE	F
123 Main Street	
Anytown, ZZ 12345-6789	

Tiny Elephant's Contest Corner

The Latest Contest news -
A NARC Bulletin Exclusive

A monthly column by Ed Deichler, K2TE



Beaming with Pride – Part 3

I think there is a saying that runs something like “Starting vast ideas with half-vast plans leads to a vast amount of work”. The next round in my antenna overall odyssey is my 40-2CD beam. The 40-2CD is the venerable 2-element 40-meter beam that Cushcraft has manufactured for many years. It has been re-designed with beefier mounting hardware and is now marketed as the XM-240. NARC has used a couple of 40-2CDs for Field Day for many years so I was very familiar with working with the beam.

The first step was to lower the beam from the mast to the top of the tower. Years ago, I had Bob, KD1AW, build custom steel steps for me to install on the mast so I could climb up the mast any time I needed to do work on my 2-meter J-pole or mess with the beam. I had borrowed the idea from John, WS1E, whose antenna configuration I shamelessly copied when it came time to put up a tower. John refers to the steps as his “stairway to the stars” and gets visibly annoyed when anyone refers to them as the “stairway to HEAVEN”. I heartily agree. The experience of being 10 feet above the top of the tower is one of a lot of concentration, multiple wraps of the climbing belt, and heavy breathing. Needless to say, I usually pick the time of day when the winds are calm.

I clipped a snatch block to the top of my mast and ran a length of rope through it to a harness around the boom-mast plate on the beam. I hitched the other end of the rope around one of the steps while I undid the bolts to the mast plate. Once the beam was free, I inched my way down the tower by re-belted myself on a lower step, then undoing the beam rope and lowering it to the next step and rewrapping it on the next step. I continued this procedure until I got the

beam to the top of the tower where I lashed it to the mast. It would be a few more weeks before I could assemble a ground crew to lower it to the ground.

Lowering the beam to the ground proved to be more difficult than I had expected. I think I naively assumed that the 22-foot boom would be much easier to tram to the ground than the monstrous KT-34XA. However, the elements are over 40 feet long and the capacity hats at the ends make a great snag device for wires, ropes, branches and anything else in the vicinity. Barry, WB1EDI, and Mike, K1WVO, had their hands full with trying to coax the beam through the mess. Particularly troublesome as the beam neared the ground were two trees that had overarching canopies. I made a mental note to get them cut down before putting the beams back up.

I did a visual inspection of the beam once it was on the ground. I was surprised that it was in very good condition with the only serious rust occurring where I did not use stainless steel hardware. I had reinforced the element joints with telescoping sections of tubing and pinned the elements to the boom so they would not be knocked askew in any strong winds. My real concern was the condition of the coils near the ends of the elements. Lee, WB1ADR, told me of the poor connections and rusted contacts he found on a used beam he rebuilt so I thought I would check out mine as well.

The appearance of the heatshrink jacket around the coils looked fine, making me wonder if I was wasting my time. When I cut open the first coil, I was shocked to find one the screws so badly rusted I had to break it off. Cushcraft uses small sheet metal screws to secure the coil to the element. I drilled out the old screw and ran the hole through the fiberglass

stiffener so I could use a long stainless steel bolt and secure the coil ends with a lock washer and nut topped off with an application of Penetrox. I proceeded to do this the remaining coils to give me a more substantial connection. Of the eight screws, five were rusted, three of them so badly I had to break them off the get the coil free.

I repaired the coils and cleaned out the bug condos, although there was not quite as much as in the KT34XA. I had the beam reassembled in what was now a larger cleared area thanks to Mike, N1IW, and his serious chainsaw. It was now the beginning of August but it would be another month before I could get enough bodies committed to helping me put it back up. The fateful day finally arrived the second weekend of September, along with the remnants of hurricane Ernesto.

The weather was not expected to be bad until the afternoon so we decided to get it try. Lee, WB1ADR, and I worked topside while Barry and Mike would handle the ground duties. It was a bit breezy at the top of the tower, which was nothing new, but it was a steady east wind so I was not concerned about gusty winds. As the beam made its way up to the top, it became apparent that the winds were going to be on Murphy's side. I think the capacity hat design of the 40-2CD should be called Snagalotticus to fit its real function. The beam-ends showed great affinity for the ropes and wires of my 80-meter quad as they repeatedly got entangled in them. We had to alternate between elements as one side was freed only to have the other one get snagged. Add to this frustration a steadily increasing wind that made it difficult for the ground crew to hear our shouts and you have a classic tug-of-war between tower and ground. After the planned hour stretched into two punctuated by my loss of cool, we got the flailing mess up onto the top of the tower at last. By now Lee and I were almost shouting at each other to be heard so there was no way I was going up the stairway to heav – ah, STARS to install the beam. We lashed it to the mast and the top plate of the tower and called it quits.

Tiny Elephant

CONTINUED FROM | Page 2

I went back up the following weekend under much better conditions and raised the beam to its final resting place and bolted it to the mast. While up on the tower, the rare flash of brilliance came to me that I could fit a long element from my junk pile close to the boom – mast plate that I could use as a control arm when raising the beam. Such an addition would have made it much easier to manipulate the beam around wires and ropes as it approach the top of the tower. NOW I think of it!

A week or two later I had the KT-36XA assembled and ready to go. This time Mike the BARFmaster extraordinaire was on hand to guide the beam up the tramline. The dynamic duo of Barry and Mike again handled the gin pole duties to pull the beam up. The shorter elements made the job easier than the previous beam. We still had to do some jostling near the top of the tower but the combination of Mike's expertise with handling the BARF and the fact that I could reach the first director or the front driven elements allowed us to get the beam on top without a lot of hassle. Mike climbed up and helped me get the beam mounted on the mast and aligned with the 40-2CD above it. After 4 months, my tower was back to normal.

A check of the SWR performance of the beams left me with a big relieved smile. The redesigned KT-36XA showed an SWR of 1.7:1 or less across the 20 and 15-meter bands. On 10 meters, I was able to stay under 2.0:1 up to 29 MHz so I no longer suffered the truncated bandwidth I was experiencing before. The amplifier loaded to it full legal limit on 15 meters with no quirky behavior.



NARC Club Badge Order Form

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

Price: \$5.00 each

Send (or give) to: Treasurer, Nashua Area Radio Club
P. O. Box 248
Nashua, NH 03061

Please make checks payable to: Nashua Area Radio Club

Badges will be mailed.

Treasurer's Report

October 11, 2006 to November 6, 2006

Beginning Balance: October 2, 2006 **\$3,293.32**

Receipts

Memberships \$95.00

Total Receipts **\$95.00**

Disbursements

Newsletter Postage (\$18.72)

Newletter Printing (Oct) (\$34.50)

Total Disbursements: **(\$53.22)**

Ending Balance: November 6, 2006 **\$3,335.10**

The 40-2CD performed much as it had before but I no longer had to worry about electrical integrity.

As I end this trilogy of antenna overhaul, I hope I have helped someone who may be planning a similar undertaking. I recommend doing such a project during the spring and summer months and taking the whole period available. It is not so much a question of help available but rather one of thinking about where Murphy can mess up your project or the end result. I did a lot of little things to the beams after I had assembled the elements, like wrapping fine nylon screen mesh over the tips to keep bugs out. They may be able to get in but they won't be able to drag leaves and grass in the tubing to rot. The objective of taking your time is to minimize what you forget or screw up. As a senior systems engineer, I'm supposed to think of all the possible angles on a project. After reading this, you can see it isn't easy.



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Board of Directors Meeting October 30, 2006

Attendees: President, Ed Deichler (K2TE) was unable to attend; Vice President, Lee Hill (WB1ADR) was unable to attend; Secretary, Jack Duffy (KE1HS); Treasurer, Bill Bordy (NJ1H); Program Director, Bill Noyce (AB1AV); Activities Director, Bill Hammond (KA1SSR); Membership Director, Stuart Sherman (N1STY).

Location: The October Board Meeting was held in the Hunt Room at the Nashua Public Library.

NARC website: Changing the NARC website to another service was the first item on the agenda, after a brief discussion the Board members present agreed to table the subject.

Christmas Party: Hopefully, the bulletin is ready to go with an insert for the members to fill out for meal choices and mail in. Also we need to make sure the announcement is posted on the website. Bill Noyce (AB1AV) states the bulletin is all set.

NH QSO Party: February 2007. This is a bit early, but Ed Deichler (K2TE) has received a request from the organizer asking if we would like to be a bonus station for the event. Anyone in the club can use the call (N1FD) just make sure Ed gets a copy of the log. They are also asking if we would like to donate toward the cost of award plaques. The Board agreed to donate \$10 towards the cost of the award plaques.

Award Nominees for the December meeting: Ed (K2TE) nominates KA1GOZ, KB1LVO, KB1DFE and N1MEO for helping out in road races as members of ARES. K1WVO and WD4JZO who helped with Hollis Old Home Days and KE1EV for Field Day Incident Commander should also get awards.

Audit Committee Member: Since Stu (N1STY) is now a Board member we need to solicit for another member for the Audit Committee. The need for new board members and audit members should be announced in the bulletin. Bill (AB1AV) will take care of it.

Budget: 2007 proposed budget was presented by the Treasurer, Bill (NJ1H). Library donation was discussed as part of the budget presentation; a motion was made to present the Nashua Library with a Hardbound copy of the latest ARRL Handbook.

Website: Board members were given a brief introduction on maintaining their sections of the website.

Treasurer: Current balance is \$3280.10.

Club meetings: The November 6th meeting will take place at the Nashua Library with Robert Macedo (KD1CY) discussing "Skywarn". Projector needed for November's meeting, Secretary will arrange for one.

Activities: Pizza this week is at Mr. G's.

Adjournment: Having no further business, the Board Meeting adjourned at 8:30 PM.

Club Meeting November 6, 2006

The Program Director, Bill Noyce (AB1AV), called the meeting to order at 7:05 PM in the Nashua Public Library, and began the meeting with the introduction of those present.

Program: The Program Director, Bill Noyce (AB1AV), introduced Rob Macedo, (KD1CY), and his subject "Skywarn"

Skywarn is a volunteer weather spotting program, providing timely relaying of severe weather reports to the National Weather Service.

To be an effective contributor Hams should take the Skywarn Training Class. Hams can check into Skywarn Nets without the training, but their reports are balanced against their experience. Check in with your call and location and if you're willing to investigate weather damage within a certain radius of your location. Volunteer as a Net Control.

If you investigate weather damage, do not get in the way of any public service personnel. Report severe "Cloud to Ground Lightning", Torrential rain and limited visibility.

Do not quote from the "Weather Channel" and/or other public sources. If you have hail, state the size referring to equivalent coin sizes, quarter, half dollar, or use inches, and 2 inches for example. Report Tornadoes, Funnel clouds, Wall clouds, Winds 40 MPH or greater. Report rainfall if 1 inch per hour or 2 inches or greater, flooding 6 inches or more.

In the winter report precipitation type change, thunder with snow, 1/3 inch ice accumulation. New Snowfall report the first 2 inches, 1 inch an hour or greater, if less than 2 inches just report total snowfall only.

National Weather Service Tauton, MA is responsible for Hillsborough and Cheshire Counties. While National Weather Service Gray, ME is responsible for the rest of New Hampshire.

Membership: The Membership Director Stu Sherman (N1STY) informed us that we have 72 members, 54 paid, and 18 outstanding.

Activities Report: The Activities Director, Bill Hammond (KA1SSR) noted that pizza this week is at Merrimac Pizza Hut (by Home Depot). Christmas Party at Florence's in Merrimac, \$25 per person. Mail your reservations to P.O. Box or bring to next meeting, deadline is next meeting.

Programs: The Programs Director, Bill Noyce (AB1AV), noted the December meeting will feature Elections (there are two positions open) and Awards. The January meeting will be project night.

Treasurer's Report: The Treasurer, Bill Bordy (NJ1H), presented the Club balance as \$3335.10, noting that we are ahead of last year by about \$1200. Bill also presented the proposed 2008 budget, noting that there is a deficit but that we have the leeway to handle it.

President: Ed Deicher (K2TE) noted the estate of KA1BN and the list of equipment and estimated value. Club members have first access to the equipment. NH QSO party, if you want to use N1FD call sign, notify Ed and provide logs of all contacts after the weekend.

FDIC: Rich Carter (KE1EV): we placed 7th out of more than 2000 entries.

Sterling Eanes (AK1K) noted that the state has a new SEC Tom Richardson (AB1CL). If you are a Red Cross volunteer be careful if authorizing a background check. There is a possibility that besides a criminal check, they may do a financial and neighborhood check.

Adjournment: Having no further business, the meeting adjourned at 8:45 PM.

WORLDWIDE DISTRIBUTION



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Chuck Wyrick, N1UC

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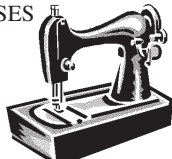
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**Deadline for the
January Bulletin
is Monday, December 11th, 2006**

Please contribute to the newsletter!

**Your articles, letters, and suggestions are
always welcome and appreciated. You can
email the editor at
newsletter@n1fd.org**

NARC in 2006

CONTINUED FROM | Page 1

Fortunately, there are a lot of facets to the hobby for this. Bill, AB1AV, has done a terrific job rustling up programs on Printed Circuit Boards; Dipole Antennas and Sling Shots; QRP Operation; Homebrewing Baluns; and the Skywarn Program. Add to this the fact that Bill picked up editorial duties for the NARC Bulletin and you have a busy fellow. (Oh yeah – he is also an assistant scoutmaster for Hollis Troop 12.)

On the financial front, the club experienced a very good year thanks to donated equipment that we were able to sell. We were fortunate to sell some equipment from the estate of W1IUN in Dublin, NH thanks to Dave, KD4CLJ. Mike, K1WVO, was also a big help in coordinating a tower and antenna removal from KA1UN, allowing the club to sell the equipment.

Field Day 2006 took place at the Hill House field again this year. What had been a very rainy spring spared us for most of the weekend. We also managed to survive a few visits from Murphy during the exercise. FDIC boss Rich, KE1EV, marshaled the troops to an excellent seventh place finish nationally for one of our smaller Field Day contingents.

The NARC website has been in a state of turmoil for most of the year. It seems that the board has had a lot of difficulty posting things to the site. Lee, WB1ADR, took on the mission of trying to straighten out the site and make it more user-friendly than it has been. Lee speaks analog like I do, so it has not been a straightforward task.

The November KY1N Memorial Exam List

Scheduled VE exams for December, 2006, MA ME NH VT
Please check with contact person, as some dates are tentative

Date	Time	Contact	Location	Phone
12/02/06	10:30	Larry Houbre, AA1FS	Dartmouth MA	508-991-6055
12/02/06	09:00	Jim Heedles, WW1Y	Nashua NH	603-673-7395
12/02/06	08:45	Conrad Ekstrom, WB1GXM	Newport NH	603-543-1389
12/08/06	18:30	Ralph T Stetson III, KD1R	Burlington VT	802-878-6454
12/09/06	09:00	Don Tarbet, KD1XU	Bangor ME	207-327-1453
12/09/06	09:00	Ben Fleck, K2LYE	Falmouth MA	508-540-2583
12/09/06	10:00	Bryce Rumery, K1GAX	Topsham ME	207-799-1116
12/10/06	12:00	Bob Quinn, WV1A	Gloucester MA	978-283-4660
12/11/06	19:00	Dick Doherty, KA1TUZ	Brookline MA	617-527-2968
12/13/06	19:30	Bruce Anderson, W1LUS	Chelmsford MA	978-851-2886
12/16/06	10:00	Bryce Rumery, K1GAX	Bath ME	207-799-1116
12/16/06	09:00	Bill Wade, K1IJ	Marlborough MA	617-699-3670
12/18/06	19:00	Arthur Denault, KB1CNB	Fall River MA	774-644-3469
12/20/06	19:30	Nick Altenbernd, KA1MQX	Cambridge MA	617-253-3776
12/21/06	19:30	Louis Harris, N1UEC	Norwood MA	508-668-0858
12/22/06	18:00	David Cote, WA1DC	Holyoke MA	413-575-2950
12/23/06	12:00 +	Warren Hartman, W1LN	Danvers MA	978-927-1015
12/27/06	19:00 *	Paul Upham, KD1YH	Shirley MA	978-597-6535

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) Orig. & copy FCC license (if licensed)
 - b) Original and copies of all CSCE's you are claiming
 - c) One photo ID, or two non-photo ID's (one with address)
 - d) The 2006 Test Session fee of \$14.00

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

The results have been mixed with some email addresses fixed here only to have others dropped there. Throw into the mix the fact that some ISP groups have an aggressive spam cop guarding their subscribers thus trashing emails and things end up very frustrating. Lee's punishing travel schedule with his business has also made the task a real challenge. Hang in there, folks, it is getting better.

This year saw NARC try something new on the publicity front. NARC has always trumpeted amateur radio and what we do during the annual Field Day event. Field Day tends to draw those who are involved in emergency services, or have some understanding of amateur radio. The thought came up about going to those who have no idea what amateur radio is and see what happens. The premise is that people who are clueless about something will be

drawn to it out of curiosity. We chose the Hollis Old Home Day festival in September to try it out. We set up a mini-Field Day tent with information brochures and stations for sideband, PSK31, and CW. I'm happy to say that it was a lot of fun and a success just from the number of people who stopped in the tent. A big thanks goes to those who made it happen: AB1AV, NJ1H, KA1SSR, K1WVO, and WD4JZO.

Last but not least I'd like to thank the continuing members of the board for a job well done throughout the year to keep things running smoothly in the club.

73 and on to 2007!



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

- 1) To educate and increase the proficiency of its members in the science of radio communication.
- 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 – 2006:

President	Ed Deichler, K2TE	(603)429-0221, pres@n1fd.org
Vice President	Lee Hill, WB1ADR	(603)465-3947, vp@n1fd.org
Secretary	Jack Duffy, KE1HS	(603)882-2085, secy@n1fd.org
Treasurer	Bill Bordy, NJ1H	(603)882-3789, tres@n1fd.org
Activities	Bill Hammond, KA1SSR	(603)595-2403, activities@n1fd.org
Membership	Stu Sherman, N1STY	(603)878-4808, membership@n1fd.org
Programs	Bill Noyce, AB1AV	(603)465-7396, programs@n1fd.org

Activities & Committees - 2006:

QSL Manager	Ed Deichler, K2TE	(603)429-0221
Field Day	Rich Carter, KE1EV	(603)889-2459 fdic@n1fd.org
Station Trustee	Ed Deichler, K2TE	(603)429-0221
Club Property	Dave Bodman, KD4CLJ	
Training	Dave Murphy, KB1LKE	(603)883-5943
Training Asst.	Rich Carter, KE1EV	(603)889-2459
EC Liaison	Sterling Eanes, AK1K	(603)465-2277
Audit Committee	Jack Warren, WB4MDC	(603)429-1137
	Stu Sherman, N1STY	(603)878-4808
Volunteer Exams	Jim Heedles, WW1Y	(603)673-7395

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

WebMaster: **Lee Hill, WB1ADR**
Steven M. Santinelli, KB1GIT, narcweb@n1fd.org

NARC Board Mailing List: bod@n1fd.org

NARC General Members Mailing List : members@n1fd.org

ARES Emergency Coordinator for Hillsborough County:
Don Dillaby, KA1GOZ, 603-888-2766

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

Nashua Area Radio Club meetings are accessible for the physically challenged

NARC Calendar 2006-2007

Board Meeting:

Monday, Dec. 18th, 7 PM - Nashua Public Library,
Monday, Jan. 29th, 7 PM - 2 Court St., Nashua

Club Meeting:

Monday, Dec. 4th, 7 PM - Nashua Public Library,
2 Court St., Nashua

Monday, Jan. 8th, 7 PM - location TBD

December Program:

Awards & Elections

Weekly Events:

Emergency Nets:

Tuesdays: 7:30 PM Nashua Area 145.045 – no PL
8:30 PM Hillsborough County 146.73 – PL88.5

Pizza:

Thursdays: 6:15 PM - Various locations - check 147.045

Breakfast:

Saturdays: 8:15 AM - Nathaniel's Restaurant,
537 Amherst Street (Rte 101A)

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 Noyce, AB1AV	(603)465-7396
	newsletter@n1fd.org	
Advertising:	Position Available	
Circulation:	Stu Sherman, N1STY	(603)878-4808

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 newsletter@n1fd.org. On-line images may also be sent electronically in any standard image file format. Material for publication can also be sent to Bill Noyce, 98 Pine Hill Rd., Hollis, NH 03049

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

<input type="checkbox"/> New Applicant:	<input type="checkbox"/> Regular <input type="checkbox"/> Sep-Nov \$20.00 <input type="checkbox"/> Dec-Feb \$15.00 <input type="checkbox"/> Mar-May \$10.00 <input type="checkbox"/> Jun-Aug \$ 5.00	<input type="checkbox"/> Student/Sr. (Over 65) <input type="checkbox"/> \$15.00 <input type="checkbox"/> \$11.25 <input type="checkbox"/> \$ 7.50 <input type="checkbox"/> \$ 3.75	<input type="checkbox"/> Family <input type="checkbox"/> \$30.00 <input type="checkbox"/> \$22.50 <input type="checkbox"/> \$15.00 <input type="checkbox"/> \$ 7.50	<input type="checkbox"/> Renewal:	<input type="checkbox"/> Regular <input type="checkbox"/> \$20.00 <input type="checkbox"/> Student/Sr. (Over 65) <input type="checkbox"/> \$15.00 <input type="checkbox"/> Family <input type="checkbox"/> \$30.00
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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 December 4th, 2006, 7PM - Nashua Public Library*

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