

Nashua Area Radio Club Bulletin



See you at our next meeting!
August 6, 2001, 7PM
 at the Nashua Public Library Auditorium
 2 Court Street
 Nashua, New Hampshire

Volume 24 Number 8

Meetings: Seven PM, First Monday of the month at the Nashua Public Library

August 2001

Field Day 2001

This years field day when very well. We had some rain but that's part of field day. These are the provisional scores. We had the three 70 foot towers up by Friday night with tower #1 installed with all of its antennas. By Saturday afternoon all antennas and the Novice towers were up. This year we had 5 stations on RTTY/PSK-31. Here are the total Q's/station Station:

	CW	Digital	Phone
160m	15	0	14
80m	115	10	507
40m	733	36	470
20m	417	116	920
15m	373	2	350
10m	22	1	232
6m	0	-	21
2m	1	-	26
70cm	-	-	1
10g	-	-	1
Packet	-	1	0
Novice	4	-	96

As you can see we had 4 cw contacts for the Novice and 1 cw on 2m. The food again this year was good. Other than the rain it was a very good weekend. Teardown went very good. I left BOB at 830pm Sun night. We took down all towers, antennas and all the other equipment, put it away in 6-1/2 hrs. That is excellent. What are we doing for Field day next year? The Nashua Area Radio Club started doing field day in 1977 so what should we do? I want to thank everyone that helped this field day. Until next year. Fletch, N1ME.

QSL, EQSL, they're all the same; or are they?...



Neil Rosenberg, K1VY
 NARC's playwright and producer of programs

Thanks go to our own Don Grant, N1UBD for a fine presentation about emergency communications and amateur radio. In spite of some technical difficulty, Don was able to pull it together and do a great job inspiring and informing us about the importance of training and readiness. Bravo!

Here's some upcoming NARC programs that you're sure to enjoy:

August 6: Darryl Wagoner (WA1GON) will be presenting information about the new way of sending QSL information: EQSL. If you're interested in contesting, certificates, etc., this is one presentation you won't want to miss. I won't spill the beans, but suffice it to say that Darryl is VERY

involved in this topic, and is coming prepared to give us some inside information on how this new and exciting QSL method is gaining ground and acceptance at some very high levels.

September 10: Jacques Patry from Groton Electronics is coming to talk about ham radio repair from the perspective of a factory-authorized center. Jacques will be sharing with us some of the difficulties present in working on the more modern rigs, plus he'll be happy to answer specific

questions from the audience. Be sure to take your HT to the meeting, Jacques is bringing an analyzer that will tell you what your radio's putting out.

Coming later this year...

October and November are somewhat in

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

NARC Internet re-mailer:
narc@bbn.com

FCC Hotline: 1-888-225-5322

FCC ftp site: <ftp.fcc.gov>

ARRL Ham Hotline:
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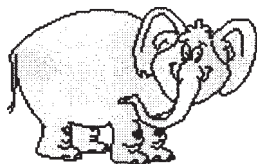
Nashua Area Radio Club meetings are accessible for the physically challenged

Tiny Elephant's Contest Corner

The Latest Contest news -

A NARC Bulletin Exclusive

A monthly column by Ed Deicher, K2TE



Field Day and Maintenance

Field Day 2001 marked a return to operating for me this year after a sitting out last year to give others a chance to operate. This year's gathering looked much like any other NARC Field Day with our trademark towers and beams spread across the field. We returned to Hollis-Brookline High School for a second time anticipating another hot, dry and very active contest weekend.

The big difference I noticed in Field Day this year besides the rain for the first time in years was the drop in activity on the upper bands. This is not all that unexpected since the sunspot peak has passed and summer solstice usually has a drop in conditions. I do not know how 6 meters fared; packet spots during the week before Field Day showed a lot of activity on the band. I found 40 and 80 CW to be very good with very little noise which is probably in keeping with the drop in the upper bands.

This year saw expanded operating activity on RTTY and PSK31. Gary, W1GRY, and Keith, WB6BIG, racked up dozens of contacts on several bands for the digital modes. Keith and I did interfere with one another due to close proximity of antennas but I found the interference from PSK31 tolerable and managed to time my calls to reduce it.

I was glad to see Jack, KB1EFF, step up and handle the novice/tech station. Jack even tackled the dreaded CW mode for this group, something that has not been done for years. It looks like a new generation of operators is emerging from the Field Day bushes.

Although we did manage to muster up 24 stations for the event, it seems that Field Day participation was down this year. This was especially noticeable Friday afternoon during setup when several of us waited for hours before enough folks were available to begin putting up tower 3. This annoyance added to my growing impatience that began earlier when we met at BOB to load vehicles with the assortment of towers, antennas,

coax, and guy wires. We managed to sort the antennas ok, but the wire antennas and guy wires looked a snake lovefest the way they were tangled up. Obscured or missing tags on the guy wires, or coax complicated trying to sort this mess, especially with different band markings on each end of a piece of coax (new broadband stuff?).

If it sounds like the Tiny Elephant has gone bull (although not as full of it as usual), you're right. Thrashing about wildly in an agitated state does no good without focusing on the reason for it. As I look back on this year's exercise, the very thing that Field Day represents crept up and bit us good: preparedness. If I go back to when we unloaded BOB, it is likely that things were put in there without much thought to getting it out easily next year. In all fairness, all the hardware for a given tower does not go back to BOB in one load so tower sections and guy wires get mixed up. Add to this the tired state of the teardown crew, the setting sun, and a workday coming up, bedtime seems better than organized storage.

While some may shrug off mixed-up cables, the sorry state of some of the antennas is another matter. I had the chance to help assemble the 40-meter beam that was going to be used for phone. We found u-bolts missing to attach the elements to the boom, leading to a frantic scrounge to find some. The feedline for the beam looked OLD; the jacket had sustained so much UV damage that the manufacturer's markings were gone. At the connection to the driven element the insulating plastic around the center conductor was cracked in several places. I taped it in the naïve hope that I could stop any RF hemorrhaging. (It didn't work; the 40 phone crew ended up using a sloper when they discovered they just could not get the SWR down to a useful level.)

The antenna that I used on 40 CW was a bit better although I had to keep the tuner for my rig on throughout the contest because the SWR was too high. I have used the Cushcraft 40-2CD beam for 10 years and I find it is a great antenna that usually provides under a 2:1 SWR across the band

when the antenna is adjusted for mid-band operation. When I looked at the beam I was using for CW, I noticed black tape stripes on the elements where they go together. It dawned on me that Dick, WK1J, had marked the beam many years ago so it could be assembled quickly - FOR SSB! Hmmm, what is Field Day: Preparedness.

Ok, so we dropped the ball on a couple of the beams. Well, hold on it ain't over yet. One of the things that frustrates tower crews during setup is installing beams designed for 2-inch masts around the skinny Rohn 25 tower legs. The u-bolts run out of thread travel before the beam gets locked down, forcing the installer to jam a shim in place or lash the boom to the tower. Hey, it's Field Day, you say; we only need it for a day. Maybe so, but I'd feel a lot better if the boom-to-mast plates on several of our beams had additional holes to accommodate smaller u-bolts for the tower legs. I also might save some skin on my hands that occasionally get pinched while jockeying a too-loose mounting plate. (At least I haven't crunched a finger yet.)

Ok, time to stop whining and pining and do something about it. I have volunteered to make up a new feedline and RF choke for the ailing 40-meter beam. Jim, WW1Y, had a great suggestion during teardown that we should get together at BOB around September when the weather is cooler and fix things. I'd like to propose that NARC members interested in sprucing up the Field Day equipment meet at BOB the first or second Saturday after Labor Day. My thoughts are to get someone with a drill press to drill two sets of holes in the beam boom-to-mast plates to accommodate smaller u-bolts for Rohn 25 tower legs. I'm also looking for suggestions on more durable marking methods for everything. Duct tape is durable but the shiny surface makes it tough for marker pens. If you are available, let Fletch, N1MEO, Field Day Incident Commander, know at a club meeting or via email.

There, now I feel better and I hope you are still fired up from Field Day. Here are a number of contests to try your hand at for this month:

Georgia QSO Party, 4-5 August. This is a 20-hour contest that covers two time periods, 1800Z August 4 - 0400Z August 5, and 1400Z - 2359Z on the 5th. Here is a chance to try to work as many Georgia counties as possible, up to 159 in all. With

Continued on page 4

The Secretary's Report

Respectfully submitted by Fletcher Seagroves, N1MEO

Minutes from the Executive Board Meeting, June 24, 2001

The board meeting was called to order at 2:15pm by Don K1EER Present were Darryl WA1GON, Neil K1VY, Nancy KW1LTR, Mark N1ZYZ and Fletch N1MEO (at 30 feet).

The secretary report was accepted as written in the bulletin.

The treasurer reported that we had \$4,000 in hand but some outstanding payments for this month still have to be paid.

The programs: all set for the next two months with Don N1UBD for July and Darryl WA1GON for August.

The activities report: will set up for a hike of Mt. Monadnock in the fall.

The training report: the General class has finished and we have some new generals how many are not known at this time.

Old business: still do not have a place to hold the club meeting in September. Will ask the library if there is another room we could use.

No other old business

New business: there wasn't any new business

Meeting was adjourned at 2:22pm

Minutes from the Club Meeting July 2, 2001

The meeting was called to order by Don K1eer at 7:11pm

The Secretary's report was accepted as written in the bulletin.

The Treasurer report: the treasurer was not present, no report.

Programs: the program for August will be Darryl WA1GON on e-qsling. Still have openings for October.

Activities: still has tickets for the Pride game. Also have a few T-shirts left. The next activity will be a hike to Mt. Monadnock in the fall.

The speaker was Don N1UBD. His subject was ARES.

Fletch N1MEO talked on field day. The totals have not been completed but will be in the next week. Everything was put away in BOB by 8.30pm on Sunday night.

Don K1EER read an e-mail message about another hams field day.

Old business: there was not old business

New business: there was no new business

Meeting was adjourned at 8.45pm

SirCam Virus-Infected E-Mail Floods ARRL, Other Ham Sites

NEWINGTON, CT, Jul 27, 2001—More than 1000 *SirCam* virus-infected e-mails have showed up at ARRL Headquarters over the past week, many of them sent from members' computers and likely without their knowledge. Hundreds more continue to arrive daily, according to Andy Shefrin of the ARRL's Information Systems Department. The virus has not been limited to individuals' computers nor to ARRL. At least one piece of infected e-mail came from an FCC address. All have been trapped by virus software.

Rick Ruhl, W4PC, the president of Creative Services Software, an Amateur Radio software developer in Alabama, says hams need to update their virus checkers—or get one—to help stop spreading this virus. Ruhl says CSS has seen hundreds of *SirCam* e-mails over the past 72 hours. "It's not a benign virus at all," he said. "Quite the contrary, it will destroy files on your hard disk."

Shefrin says ARRL checks its virus protection on a daily basis and applies updates as needed, although the flow of *SirCam* mail has continued unabated into the Headquarters e-mail server. "It's pretty bad," he said, "but our confidence is high that we'll withstand it." He said all PC users should be on the alert for any e-mail with an attachment, even if it comes from someone you know. He also recommended installing virus protection software.

Security application service provider McAfee.com has called *W32/SirCam@MM* "a high-risk virus for consumers." Opening the attachment on an e-mail can spread the virus onto a recipient's computer. Once *SirCam* infects a PC, the virus proceeds to send e-mail with an infected attachment (chosen at random from the user's hard drive) to addressees it finds on the PC's address book.


Infected e-mail can come from familiar addresses—which, Ruhl points out, means recipients often just open the e-mail attachment without thinking—but the "Subject" line varies, and the file attached might have different extensions. Infected e-mail has arrived in both English and Spanish.

The tipoff is a message that reads along the lines of "Hi! How are you? I send you this file in order to have your advice. See you later. Thanks." or "I hope you can help me with this file that I send," or, sometimes, "I hope you like the file that I send you," and even, "This is the file with the information that you ask for. See you later. Thanks."

A typical Spanish version might read, "Hola como estas ? Te mando

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Tiny Elephant - Continued from page 2

that many counties, mobile operators can have a lot of fun changing counties in this one. Look for participating stations on 80 through 10 meters, CW and SSB. The exchange for us is a signal report and state. Logs go to K4EA by August 31, 2001 via snail mail or to k4ea@contesting.com.

Maryland/DC QSO Party, 11-12 August. Another two-period contest, this one covers 1600Z August 11 - 0400Z August 12, and 1600Z - 2300Z on the 12th. The object is to work up to 25 MD counties, DC, and Baltimore City on 80 through 10 meters plus 2 and 6 meters, on CW and SSB. Scoring counts as 10 points/club station; 5 points/mobile; 4 points/QRP station; and 1 point/others. A Scoring Summary Sheet and Optional Log Form may be obtained from www.qsl.net/w3cwc. Any other information may be obtained from wa3eop@netcrafters.net (contest chairman) or w3ham1@hotmail.com. Logs go to the Antietam Radio Association by 1 September 2001.

NJ QSO Party, 18-20 August. The Garden State's contest runs from 2000Z on the 18th through 0200Z on the 20th, again on CW and SSB. Operation takes place on 160 meters all the way up to 2 meters. Each QSO with any of the 21 NJ counties (multipliers) is worth 3 points. Non-NJ stations send a QSO number along with signal report and state for the exchange. Logs go to the Englewood Amateur Radio Association by 12 September 2001. Any queries about the contest can be directed to W2CC via email, w2cc@idt.net.

Ohio QSO Party, 25-26 August. The Mad River Radio Club in my home state runs this one from 1600Z, August 25, to 0400Z on the 26th. This one is also a CW/SSB contest on 80 through 10 meters. Contest exchange is signal report, serial number, and state for

us while Ohio stations send the county (88 maximum). Rules are available at <http://qsl.net/mrrc/oqp.html>. Send logs to Jeff Clarke, KU8E, or email to KU8E@msn.com.

Hawaii QSO Party, 25-26 August. The Hawaii QSO Party is a 30-hour event that begins 1600Z on August 25 and runs through to 2200Z on the 26th. Phone contacts are worth 1 point and CW contacts are 2 points. Working the Hawaii DX Society club station KH7XX counts as a whopping 150 points. Participation is open on 80 through 10 meters. Here is a good chance to grab all 5 Hawaiian counties. Logs go to KH7XX by 30 September 2001, or via email to starcommradio@juno.com.

South Dakota QSO Party, 25-26 August. Yet another contest in a packed weekend is the South Dakota QSO Party that runs the same timeframe as the Hawaiian event. There are multiple operating categories for stations and multiple power categories - QRP, low power (10-100 watts), medium power (<150 watts) and high power (>150 watts) - to insure plenty of winners. Operation is on 160 meters through VHF. Scoring is structured as 4 points/SSB QSO for 160, 80, and VHF; 2 points/SSB QSO on the other bands; 8 points/CW QSO on 160, 80, and VHF; 4 points/CW QSO on the other bands; and 25 points for club station contacts and members of club station W0OJY. Logs go to NOIGP by 30 September 2001.


SARTG WW RTTY Contest, 18-19 August. If you are looking for something other than stateside, there are a couple of popular RTTY contests this month as well. The SARTG RTTY contest kicks off 000Z on August 18 and runs through 1600Z on the 19th. The contest occupies 3, 8-hour blocks of time and alternates with 8-hour rest periods. Look for stations on 80 through 10 meters. Contest exchange is RST and a QSO number. Point scoring is distributed

as 5 points/own country, 10 points/own continent, and 15 points/other continents. Contest multipliers are each DXCC country worked plus each call area in VK, VE, JA, and W. Logs must be submitted by 10 October 2001 to SM7BHM via the callbook, or email to sm7bhm@kristianstad.mail.telia.com.

SCC RTTY Championship, 25-26 August. The Slovenia Contest Club (SCC) is hosting a 24-hour worldwide RTTY contest starting at 1200Z on August 25. Operation is on 80 through 10 meters with categories of low power and high power (>100 watts) and single operator and multi-operator categories. The exchange is RST, 4-digit year of when you were first licensed - for me, this would be 1963. Two QSO points are credited based on own continent countries; different call areas in W, VE, VK, ZL, ZS, JA, and PY; LU provinces; and UA9/UA0 oblasts. For contacts outside of one's own continent, QSOs count 3 points. Multipliers are each different year worked on each band. Logs may be submitted electronically to scc@hamradio.si; deadline is 1 October 2001.

Run to the Top

As many of you know, my other passion is running. After all, I have to keep in shape somehow for tower work. A couple of months ago, I was helping out my running club, the Gate City Striders, during the Pack Monadnock 10-mile race. This is what we call a point-to-point race that starts at the Lyneborough High School and finishes at the top of Pack Monadnock. (Yes, I have run this race before and it is BRUTAL!). Our club is responsible for managing the



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race that is one in a series called the New England Mountain Race Series.

While I was monitoring one of the checkpoints, Fletch, N1MEO, stopped by to check on the progress of his brother who had entered the race. As we chatted and watched runners pass through, it became obvious that the runners were spread out for miles, which quite normal for a hilly racecourse. Fletch offered to drive back down the course and give me a call on simplex to let me know where the end of the pack was so that I could head back to the high school. I got to thinking about the idea of several hams at key checkpoints along the course calling in when the first and last runners passed through. Since the Pack is the highest point on the course, a station at the finish line could relay the progress reports to the finish line crew. This is helpful since the race can take over 2 hours for some runners and the finish line group gets tired.

I thought about the idea some more and came up with an enhancement that could make a lot of runners happy. The lead group of runners that finish the race are bused back to the high school where they must wait for quite a while before the race results are posted since the finish line crew must enter each finisher in the computer then bring the final tally down to the school. Any runner who has gutted out this race is understandably tired and a bit irritated at the wait for how he/she finished.

To the rescue comes ham radio! Why not set up a packet link between the Pack and the high school to send in the results at periodic intervals? The line-of-sight advantage between the two points should be adequate to establish a solid link. The file on the finish line computer is a simple text file that is about 2-4 KB in size so it should not be difficult to send several updates on a half-hour basis. Once received at the school and printed out, runners arriving back from the Pack would be greeted with a chronological list of their finish while they stuff their faces. (Why do you think we run so much?) I have mentioned the idea to one of the Gate City Striders executive board members and he welcomes any help in this area. Therefore, I am asking for some folks in the club who might be interested in such a project to get in touch with me. I have a laptop available plus a 2-meter rig in the truck. However, I'm not sure my old MFJ-1270 is "sophisticated" enough to handle anything beyond one-liners. In any event, I can always get another TNC with updated software. I'd

like to use the nice weather to set up an experiment from the Pack to the school to make sure it will work. If you have a portable packet setup or a spare TNC that you can make available, please let me know. The next Pack race is not until the first Sunday in June but if this works out, it may be possible to implement the link in an upcoming point-to-point race.

Who knows? Maybe we will encourage some runners to join the ranks of ham radio!

Continued from page 3- SirCam Virus

este archivo para que me des tu punto de vista." or "Espero me puedas ayudar con el archivo que te mando."

According to McAfee, the virus searches for .gif, .jpg, .jpeg, .mpeg, .mov, .mpg, .pdf, .png, .ps, and .zip files in the "My Documents" folder and attempts to send copies of these documents to e-mail recipients found in the *Windows* address book and to addresses found in cached files.

McAfee offers additional information—including how to rid a computer of the *SirCam* virus—at its Web site. The CERT Coordination Center at Carnegie Mellon University also has posted a *SirCam* advisory on its Web site.

Ruhl says the CSS site managed to dodge a denial-of-service attack by another Internet menace, the *Code Red* worm—sent out this week to attack the White House Web site. "Fast action from our Network Administrator, Sydney, KF4WGU, made sure that the server was secured from it," Ruhl said. Additional information on the Code Red worm is available from Cnet.



Activities

Nancy Rosenberg, KW1LTR
NARC Activities Manager

Pride Night for NARC - July 26th

By the time you get this bulletin, about 20 of us will have attended the Nashua Pride baseball game on Thursday, July 26th at 7:00 at Holman Stadium in Nashua. We will all be sitting together in the lower reserved section between home plate and first base, cheering on our Nashua team. No doubt we will have consumed mass quantities of hot dogs, sodas, peanuts, and ice cream (after all, we are an eating club at heart)! If you missed the game this year, I hope you can join us for our next one (hopefully in the summer of '02).

Pack Monadnock Hike and Picnic

Air out those moldy hiking shoes and start filling your backpack (or pockets) with sandwiches and trail mix. In late September or early October (date still to be set) we will be hiking Pack Monadnock to Miller State Park (on the top) and gathering for a picnic and possibly some transmitting. The hike is steep, but not overly long (as I recall it takes 45-60 minutes to reach the top). The view from the top is wonderful, and those who choose not to hike can drive up the mountain (there is a parking fee). More details will be supplied in the next Bulletin.

**Deadline for the August Bulletin
is
Friday August 10th, 2001**

**Please contribute to the newsletter!
Your meeting notes, a letter, anything
you want published. You can email the
editor articles, pictures or suggestions
to: malcolm@adsman.com**

Peter Gailunas/KA1OKQ

ka1okq@nhrc.net

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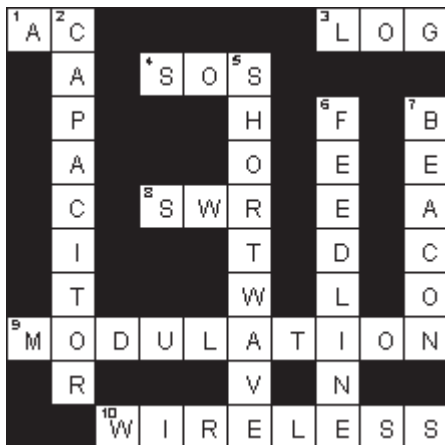
flux. One of those months I hope to host Tom Frenaye, K1KI (from the ARRL) to come speak to us about league activities. I'm also still trying to entice Bryan King, K1SNH to come in and do his presentation on AmSat communications (you may remember that he had to postpone his session due to scheduling conflicts). Lastly, December is our time for awards and electing new officers.

You don't have to be a member of NARC to come enjoy our meetings. It's a great time to make some friends, and become involved in what's going on, so don't be shy. Meetings are generally held at 7PM on the first Monday of every month (weather permitting, and holidays push it out a week), downstairs at the Nashua Public Library. For more info please contact me, Neil, K1VY at (603) 465-2788, or any of the NARC board members, listed near the back of this bulletin. Hope to see you there!

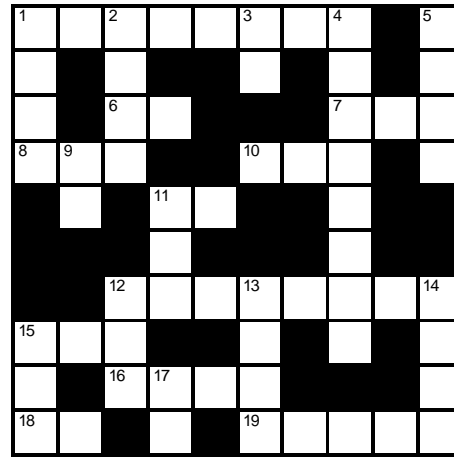
ARRL Petitions for New 60-Meter Amateur Band

NEWINGTON, CT, Jul 26, 2001—A petition filed this week by the ARRL could result in a new high-frequency band for US amateurs. The ARRL has asked the FCC to allocate 5.250 to 5.400 MHz to the Amateur Service on a domestic (US-only), secondary basis.

Last month's crossword solution



The NARC Coffee Break



Across

- 1. In degrees - the direct great signal bearing path between two locations
- 6. Abbreviation; as opposed to alternating
- 7. Shorthand for station transceiver
- 8. Moonbounce

- 10. 5 is needed to pass the test
 - 11. Method of modulation
 - 12. Ham slang for telephone
 - 15. Adjustable Frequency Oscillator
 - 16. In short: World Administrative Radio Conference
 - 18. Fine Business
 - 19. Changes in the carrier frequency of a CW transmitter, resulting in this sound
- Down**
- 1. Ladder, land, precedes. Straight.
 - 2. A remotely controlled TNC/digipeater - used as a connect point
 - 3. Modulation Mode
 - 4. A signal at a multiple of the fundamental frequency
 - 5. Directional antenna invented in 1926
 - 9. 300-3,000 kHz
 - 11. Federal Aviation Administration
 - 12. Opposite of high
 - 13. Award offered by ARRL for contacting and confirming 100 or more different countries first introduced in 1937
 - 14. Effective isotropic radiated power
 - 15. 30 - 300 MHz
 - 17. 20 to 20,000 hertz

The KY1N Memorial List Scheduled Amateur Radio Volunteer Examinations CT MA ME NH RI VT August, 2001

08/04/01 10:30	Larry Houbre, AA1FS	Dartmouth MA	508-991-6055
08/09/01 19:00	Judy Nelson, KC1RI	Providence RI	401-231-9156
08/10/01 18:30	Ralph T Stetson III, KD1R	Burlington VT	802-878-6454
08/11/01 09:00	Joanne Reid, N1LNE	Falmouth MA	508-548-1121
08/11/01 12:00	Daniel Miller, K3UFG	Newington CT	860-206-3379
08/11/01 10:00	Bill Sullivan, K1AG	St. Albans ME	207-947-4051
08/11/01 09:30	Marvin Fleischman, N1AWJ	Stamford CT	203-438-7889
08/12/01 12:00	Bob Quinn, WV1A	Gloucester MA	978-283-4660
08/12/01 15:00 *	Tom Sefranek, WA1RHP	Shirley MA	978-425-6672
08/13/01 19:00	Bob Wondolowski, N1KDA	Brookline MA	508-865-5822
08/14/01 19:00	Lawrence Polowy, KU1L	Thomaston CT	860-283-4089
08/18/01 10:00 *	Scott Kingsley, WB1F	Melrose MA	781-665-7654
08/18/01 09:00	Roy Hilt, K1JNR	New London CT	860-848-3021
08/18/01 11:00	Henry Fales, KZ1V	Orleans MA	508-255-2818
08/21/01 19:00	Paul Lux, K1PL	Middletown CT	860-635-1742
08/22/01 19:30	Nick Altenbernd, KA1MQX	Cambridge MA	617-253-3776
08/24/01 18:00 *	Mitch Stern, W1SJ	Essex Junction VT	802-879-6589
08/24/01 18:00	David Cote, WA1DC	Holyoke MA	413-592-4978
08/25/01 09:00	Douglas Rugg, N1JTH	Auburn ME	207-784-2374
08/25/01 09:00	Bob Jones, WB1P	Slatersville RI	401-333-4787

NOTES: * = PREREGISTRATION MANDATORY

T = Technician Exams only Please remember to take the following with you:

- a) Original and copy FCC-issued license (if already licensed)
- b) Original and copies of all CSCE's you are claiming
- c) One photo ID, or two non-photo ID's (one showing address)
- d) The 2001 test session fee (\$10.00)

For latest update check <http://www.n1fd.org/ky1n.html>

THE NASHUA AREA RADIO CLUB BULLETIN

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

BULLETIN STAFF:

Editor/Publisher: Malcolm Taylor, G0UCX (603)889-3519
Advertising: Marc Slater, KB1DFE (603)673-1674
Circulation: Dave Banks, N1SUE (978)433-8104

MEMBERSHIP INFORMATION:

Annual Dues:	Regular Membership	\$20.00	
	Family Membership		\$30.00
	Student Membership:	\$15.00	
	Senior Citizen (Over 65)	\$15.00	

Club Mail Address: Nashua Area Radio Club
PO Box 248
Nashua, NH 03061-0248

ACTIVITIES & COMMITTEES:

Awards/QSL Manager	Fletcher Seagroves, N1MEO
Club Data:	Jim Heedles, WW1Y
EC/ARES:	Don Dillaby, KA1GOZ
Field Day:	Fletcher Seagroves, N1MEO
Publicity:	Don Dillaby, KA1GOZ
Designated Target:	Gene LostSki, ex-WA1UXA
Station Trustee:	John Gaffey, WS1E
Club Property:	Mark Wagner, N1ZYZ
Training:	Darryl Wagoner, WA1GON
Volunteer Exams:	Jim Heedles, WW1Y
Technical Resources:	Mike Graham, K7CTW
Get-On-The-Air-Program:	Open - TBD

EXECUTIVE BOARD - 2001:

Don Hornbeck, K1EER	Chairman	(603)635-2839
Darryl Wagoner, WA1GON	Vice Chairman	(603)878-1447
Fletcher Seagroves, N1MEO	Secretary	(603)673-3036
Mark Wagner, N1ZYZ	Treasurer	(603)424-1516
Nancy Rosenberg, KW1LTR	Activities	(603)465-2788
Skip Youngberg, K1NKR	Membership	(978) 649-2911
Neil Rosenberg, K1VY	Programs	(603)465-2788

DEADLINE for submitting articles or photographs for the next issue is the Friday following the current month's Club meeting. Electronic submissions are preferred and should be sent via electronic mail to malcolm@adsman.com. On-line images may also be sent electronically in any standard image file format. Material for publication can also be sent to Malcolm Taylor, 2 Osprey Lane, Merrimack, NH 03054.

ALL NON Bulletin correspondence should be sent to the official club address: P O Box 248, Nashua, NH, 03061-0248.

ADVERTISING enquiries should be addressed to Marc Slater, KB1DFE. Advertising matters must not be raised over the Amateur airwaves. Please consult by telephone with our Advertising Manager.

NARC Club Calendar 2001

Aug 6, 7PM Club Meeting
Aug 10, Deadline - September Bulletin
Aug 27, Board Meeting
Sep 3, 7PM Club Meeting
Sep 7, Deadline - October Bulletin
Sep 24, Board Meeting
Oct 1, 7PM Club Meeting
Oct 5, Deadline - November Bulletin
Oct 29, Board Meeting
Nov 5, 7PM Club Meeting
Nov 9, Deadline - December Bulletin

Weekly Events

Tuesdays 8: 15 PM ARES Net 443.35+ PL 110.8 Tues-
days 8:30 PM ARES Net 146.73- PL 88.5 Thursdays 6:30
PM Pizza Night! Location varies.
Saturdays 8:30 AM Breakfast -Pine St. Eatery

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Nashua Area Radio Club Official Membership Application

New Applicant _____ Renewal _____ Address Change _____

Type of membership: Regular - \$20/yr. _____ Student - \$15/yr. _____ Senior (Over 65) - \$15/yr. _____ Family - \$30/yr. _____

Name _____ Callsign _____ Class _____

Address _____ City _____ State _____ Zip _____

Home Phone _____ Work Phone _____ ARRL Member (if yes, provide Expiration date) _____

Email address _____ Packet address _____

Club badge? (If yes, enclose \$3.50) _____ Name as it should appear on the badge _____

Family members:

Name/Callsign	_____	Class	_____
Email address	_____	Phone	_____
Name/Callsign	_____	Class	_____
Email address	_____	Phone	_____
Name/Callsign	_____	Class	_____
Email address	_____	Phone	_____

Make checks payable to: The Nashua Area Club. Mail check and application to: The 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 byelaws.

Signature _____ Date _____

*Tour the World with Amateur Radio
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