



Zero Beat



A Publication of the Hampden County Radio Association
<http://www.hcra.org>

Meetings Held at: **Feeding Hills Congregational Church**
21 North Westfield Street
Feeding Hills, MA

Our 57th Year

May, 2003

Meet the **Field Day**

champions from
N1FD!

Sterling, AK1K and Brian,
W2SUO will be making the trip
South from New Hampshire to
show HCRA just how they ran
a 26A (26 concurrent
transmitters on emergency
power) to the highest field day
score in 1998.



Good Friends
Good Conversation
Good Times

Where?

At every HCRA Meeting
and
At Field Day, The W1NY Way!
Come to the next meeting
and check us out!
You won't be disappointed!
All are Welcome!

Next Meeting: 7:30 P.M, Friday, May 2nd, 2003

On the Internet

<http://www.hcra.org>

Updated often to bring you timely
Amateur news and info

*Now, TWO sources
for Local Amateur
Information*

On the Air

146.46 Mhz

on HCRA's IRLP NODE #7270
Announcements every 7 minutes
when not in use

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President's



Marc, K1MZ, having fun at Field Day 2002

Corner

This Month's Meeting

The N1FD Field Day Experience!



This month's meeting will feature a presentation by none other than the Field Day champions, **N1FD!** *Sterling, AK1K* and *Brian, W2SUO* will be making the trip South from New Hampshire to show HCRA just how they do it. "Do what?" you might ask. Well, N1FD has previously had the #1 score in FD. How about 26,274 points with a 26A station in 1998. Not bad you say? All I want to know is how they do it, especially 26 stations on the air at the same time!

Speaking N1FD's Field Day strategies, Field Day has also become a favorite HCRA event. Over the last few years the event has grown from a small 2A operation in Larry Smith's field to last year's 7A effort that placed us first in Southern New England. It's hard to say which came first, the change of venue to Dufresne Park attracted more people or more people came so we needed a bigger place! Either way, it's become a winning event for HCRA. From a handful of people a few years back with wire antennas to over fifty people erecting towers, beams, networking and cooking to make it fun for everyone.

How about you? Are you planning on participating this year? Now's the time to sign up, we need all the help we can get. "The more, the merrier" is the old saying and it holds true even today. Elsewhere in this month's Zero Beat is the beginning of this year's list of participants. Wouldn't your name look good on that list? I think it would and we would be glad to have your help. In addition to the usual need for band captains, cooks, and slaves, we really need some new members to give Field Day a try. A rule change has created the GOTA station (Get On The Air) and we're looking for someone to take a stab at that position. It's the perfect place for a new or inexperienced ham. The good thing is you will get plenty of help and support from the rest of the team. That type of support is exactly why Field Day, the W1NY way, has continued to grow over the years.

Plan on attending the May meeting, it should be interesting and informative. Also set aside some time during the last weekend in June for Field Day, you'll be glad you did. See you May 2nd!

Technician Class

A Great Success

Let's all congratulate Peter, K1I1 for an excellent job with his first Technician Class licensing course. With the help of a huge group of instructors and a diligent and committed class we have ended up with over a dozen new hams this month. The pass rate was over 90%. Pretty impressive wouldn't you say?

In addition to their new license the students were all given complimentary memberships to HCRA. Now is the chance for us to welcome them into the hobby, help them with their first station and equipment purchases and most importantly guide them through their first contacts. Responsibility for their success is something we all can share and I can't think of a better group of people than HCRA members to do just that!

With Field Day just around the corner, what a great opportunity to invite these new hams to see amateur radio at its finest. A group of people cooperating closely to have fun and demonstrate to the public how we as amateurs can be of great assistance in time of public need.

Once again, congratulations to all the new hams - **have fun!**

New England QSO Party

May 3rd & 4th!

It's back again this year. The New England QSO Party starts Saturday May 3rd and promises to be even bigger and more fun this year. The HCRA will again sponsor a plaque for the highest score in Hampden County. Dave, KB1MU won the award last year with 37 contacts—think you can beat that! Dave says he might operate an extra hour this year to better defend his position! Sounds like he's ready, are you?



By the time you read this the contest will be only a few days away. That means time is getting short to prepare, especially if you're planning on 'roving' through a bunch of New England counties. Rovers are especially wanted by the 'out of NE' contesters, especially when they visit some of the rarer spots. If you're thinking of trying it, be sure to post your itinerary at: <http://www.neqp.org> and the ops will be looking for you. Get ready for the pile-ups!

Many of the logging programs out there have modules supporting this contest. One worth checking out is CT. It is now free, supports NEQP and will also be the logging program of choice at this year's HCRA Field Day. This would be a good chance to spend some time with the program before the big weekend at the end of June. To download CT visit: <http://www.k1ea.com/program/index>. Download the CT_SETUP.exe full version if you have not used the program before. If you're updating an old installation download the latest version. That was 9.89.003 at the time of this writing.

Look for Jim and I out there again this year. We're desperately going to try to exceed last year's score by at least double—wish us luck!

Elections 2003

This coming June

Elections for the coming HCRA year of 2003/2004 are just around the corner in June. At the last board meeting the present board members unanimously agreed to run for another year. That the board did this speaks very highly for both them and the club — it means everyone is enjoying what they are doing both for HCRA and ham radio.

This board has done well over the last few years. The present state of the club, total membership, lots of activity and sound financial status speaks highly for their ability to manage the club. That being said — it doesn't close the door on anyone looking to hold a position on the board. Every board member said they would gladly step aside and let some "young buck" have a go at it. So what about it? Wouldn't you like to be part of determining the future of HCRA? All you need is the desire to want to guide a great club going forward into the future of ham radio. The club needs your unique outlook to shape itself in an ever changing hobby. Its important, but fun, both challenging and rewarding and we really would love your participation.

Personally, I feel if we are to continue to be an exciting organization its important to get some 'new direction' into the board. We have all witnessed the changes new members have done as they've come on board and we need to continue this tradition. Wouldn't it be great if a member of Crew DX were to run for a position? Talk about getting some new outlook, these folks are what it's all about!

June is getting near, volunteer!

CONTEST CORNER

something almost every weekend!!!

New England QSO Party

2000Z, May 3-0300Z, May 4

and 1100Z-2400Z, May 4

Indiana QSO Party 1300Z, May 3-0500Z, May 4

Oregon QSO Party 1400Z, May 10-0200Z, May 11

CQ WW WPX Contest, CW

0000Z, May 24-2400Z, May 25

Great Lakes QSO Party 0000Z, May 31-2359Z, Jun 1

West Virginia QSO Party 1600Z, Jun 14-0200Z, Jun 15

ARRL June VHF QSO Party 1800Z, Jun 14-0300Z, Jun 16

Kid's Day Contest 1800Z-2400Z, Jun 21

ARRL Field Day

1800Z, Jun 28-2100Z, Jun 29

RAC Canada Day Contest 0000Z-2359Z, Jul 1

Kentucky QSO Party 1600Z, Jul 5-0400Z, Jul 6

IARU HF World Championship

1200Z, Jul 12-1200Z, Jul 13

North Amer. QSO Party, RTTY 1800Z, Jul 19-0600Z, Jul 20

IOTA Contest 1200Z, Jul 26-1200Z, Jul 27

HCRA ELECTIONS

Coming up in June

We need your help

President, Vice President,

Treasurer, Secretary,

Director of Program, Director At Large

Director of Membership,

NEWSLETTER, Technical

Contact any of the HCRA board members

If you'd like to run for office

ROCKY'S



www.rockys.com

Color "Zero Beat" printing and mailing
made possible by a generous donation.

Remember them the next time you need
something from the
"Helpful Hardware Folks"

Get On The Air (all times local)

Mon., Tues, Thur, Fri 19:00	National Traffic System (NTS) Net	146.94 (W1TOM)
Sundays 08:45	Western Mass Emergency Net	146.94 (W1TOM)
Mondays 19:30	HCRA 10m Net	28.375
Tuesdays 19:30	Slow Scan TV (SSTV) Net	145.130 (PL 123 Hz) (KD1XP)
Wednesdays 19:30	MTARA Info net	146.94 and 147.000 (link) (W1TOM)
	20:00 MTARA Swap net	
	20:30 MTARA Tech net	
Thursdays 21:00	Weather Net	2 nd Week of the Month 147.09 (All other weeks 147.000)
	19:30 WMa Emergency Simplex Net	Starts on 146.94
	20:00 WMa Emergency Simplex Net	145.130 (PL 123 Hz, use PL for both duplex & simplex)

Club Meetings & Testing Sessions

1 st Friday of the month 19:30	HCRA Club Meeting	Feeding Hills Congregational Church 21 N. Westfield St., Feeding Hills
3 rd Monday of January, April, July, and October	Amherst Machine KD1XP License Exams	Amherst, MA
	Contact Richard, KD1XP, 413-665-2211 or 145.130 Repeater	
	http://www.kd1xp.org	
3 rd Friday of the month 19:30	MTARA Club meeting	Red Cross building 506 Cottage St, SPFLD, MA
	http://www.mtara.org	
4 th Friday of the month 18:00	MTARA License Exams	Holyoke Hospital Auditorium Beech St., Holyoke
	Contact Dave, WA1DC, WA1DC@pipeline.com	
4 th Sunday of the month 19:00	NOBARC club meeting	Pittsfield MA (146.91 for talk-in)

W1NY ON THE AIR

Join us each week on the HCRA 10m Net!

Join NCS, Tom Doyle (n1muv), each Monday night at 7:30 PM (local) on 28.375 Mhz (+/- QRM)

Get the latest local word, join good friends, take part in good conversation each week!!!

Anyone (with HF privs) can join in, don't be shy!!!

Bus Trip

Saturday, June 7, 2003



Hampden County
Radio Association

The Submarine Force Museum, Library and Historic Ship Nautilus

The Submarine Force Museum, located on the Thames River in Groton, Connecticut, maintains the world's finest collection of submarine memorabilia. It is the only submarine museum operated by the United States Navy, and as such is the primary repository for artifacts, documents and photographs relating to U.S. Submarine Force history. The museum traces the development of the "Silent Service" from David Bushnell's Turtle, used in the Revolutionary War, to the modern Los Angeles, Ohio and Seawolf class submarines.

Upon leaving the museum, we will be stopping somewhere (to be determined) for lunch.



Date: Saturday, June 7, 2003

Bus Leaves at 7:30 am

Bus Returns around 6 pm

Chartered Bus with restroom

There is room for 47 people, so it's first come, first served.

Cost per person: \$30 plus lunch

Please send a check made out to the HCRA and mail to:

Larry Krainson - WB1DBY
100 Kenmore Drive
Longmeadow, MA 01106-2759

Make sure your name, telephone number & email address are on your check.

Deadline: May 17th, 2003 - no exceptions!

Questions?

Contact Larry at: wb1dby@arrl.net

Everyone is invited including wives, spouses, friends, etc. It's not just for hams! We'll have a great time, come join us.



The Vintage Radio and Communications Museum of Connecticut

Then we'll be heading back North to the Vintage Radio and Communication Museum of Connecticut. Some of the displays include: radio, television, motion picture, telephone equipment, amateur radio equipment, industrial equipment, as well as vintage advertising and memorabilia.

One of the displays recently completed at the museum is an operating ham radio station reflective of the 1960s-1970s. Now a group of museum volunteers who are also ham operators has formed a club, and hopes to obtain a station license and a "vanity" call sign that reflects the name of the museum.





BSA Venture Crew 510

NE1C - New England's #1 Crew

BSA Venture Crew 510 is chartered by the Hampden County Radio Association

Visit Crew DX's 100% youth designed website:

<http://www.qsl.net/crewdx>



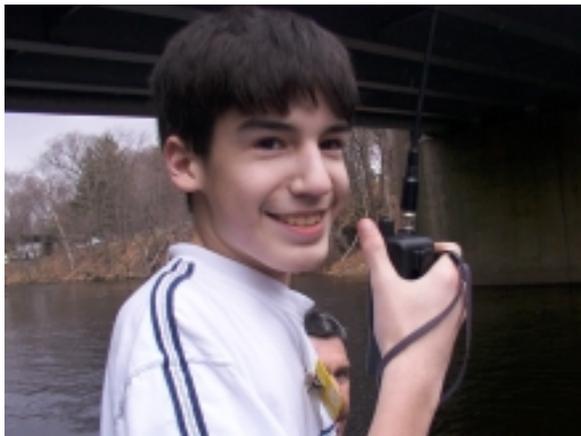
BSA VENTURE CREW 510 Contacts

Youth President
Adult Advisor
Adult Advisor

Brian Regan disturbinglycheesie8655c@hotmail.com
John Pise, Kx1x(413) 532-7474 kx1x@arrl.net
Dave Cain, AA1YW aa1yw@arrl.net

BSA VENTURE CREW 510 - CALENDAR

Friday, May 2 nd	Crew meeting/HCRA Meeting
Friday, June 6 th	Crew meeting/HCRA Meeting
May 30, 31	Webelos Woods @ Camp Moses
June 27, 28, 29 th	FIELD DAY
Mon, Tues, Thurs during July	Radio Merit Badge Classes at Camp Moses
October 11,12,13 th	Ham Radio Demo at BSA Jamboree, MassJam, Falmouth, MA



Steve,
KB1GHC, (left)
and
Brian,
KB1IGM,
(right)
each hard at
work (in their
own way) at
the Scantic
Spring Splash,
March 29



Get Your Zero Beat Electronically each month

HCRA members can receive their monthly club newsletter in any or all of three ways!

- 1) First Class Mail, just like you always have. This costs HCRA approximately 75 cents per copy. This is one of the benefits of your membership with HCRA.
- 2) E-mail. If you would like to get on our e-mail list, just write eZB@hcra.org from the account that you wish to receive your copy from, and request that you join our list. HCRA respects your privacy and will not under any circumstances give your e-mail address to ANYONE.
- 3) WWW.HCRA.ORG. Our new web site carries the latest copies of Zero Beat. Just click and read.

NOTE 1: You will need Adobe Acrobat ® installed on your computer to read electronic copies of Zero Beat. Just click the button on the WWW.HCRA.ORG website, and follow the directions to get your FREE copy of Adobe Acrobat ®.

NOTE 2: There is a cost savings to the HCRA if you receive your Zero Beat electronically only. If you prefer to NOT receive your newsletter by First Class Mail, please contact John, Kx1x, Dave, KB1MU, or Jim, KK1W, to be added to the eZB only list.

KD1XP Repeater Group News

KD1XP Repeater Group **Ham Radio testing session** will be Monday, July 21, 2003 at 7 PM in Amherst, MA at Amherst Machine, Cowls Rd. All test elements given. Contact Richard, KD1XP at 413-665-2211 for details.

SSTV net Tuesdays at 730 PM
145.130 PL 123.0
Dennis, wb1ehd net control

Breakfast net weekdays at 630 AM
442.200 - PL 162.2 kd1xp/r Deerfield, MA

www.kd1xp.org

Breakfast Gathering
8 AM, May 12th
Northampton Bickford's
Talk in on 145.130 PL 123.0 repeater

HCRA Board Meeting April 24, 2003

Held at the home of Irv Slitzky W6IS

Members present Jim KK1W, Irv W6IS, Dave KB1MU, Greg N1AEH, Larry WB1DBY, Norm W1BMK, Peter, K1II, Jim WB1Z and John KX1X. Members absent: Venture Crew Representative

Vice President W6IS: Prizes for the April meeting all set.

Treasurer N1AEH: Current balance is \$2293.72. The March raffle netted \$99.00.

Secretary KB1MU: No change in the membership. The HCRA Special Services Club status has been updated. A check has been sent to the W1 QSL burp to cover both W1NY and WB1HOF cards that arrive there. A thank you note will be sent to Jim Dave ex KC1ZJ to acknowledge his generous donation.

Program WB1Z: Jim has arranged speakers through the Dec meeting. April meeting will feature "The Calculator Guys".

Membership W1BMK: A free membership will be given to the attendees of the HCRA classes currently in progress. This free membership will be through September 2003.

Technical K1II The licensing classes are going well, despite the challenges from the weather.

ZeroBeat KX1X: Cutoff date for articles in the April issue will be March 21.

At Large WB1DBY, The bus trip is slowly gaining momentum. Currently there are 1 paid participant, and 11 promised participants. The HCRA need 30 people to make the trip a "go".

Venture Crew The Venture Crew will participate in both The WPX contest and the Scantic Spring Splash.

Old business: The cost of rental of Dufresne Park has been increased. They will now be charging us for three days, as opposed to two in the past. The site has been confirmed, and the deposit has been paid. Due to this increased cost, other sites should be considered for 2004.

New business: The club has received a very generous donation from Jim Davis, ex KC1ZJ. A listing of this equipment will be published in the next issue of ZeroBeat. A long discussion was held to decide how to equitably distribute this equipment. Items that are useable for the HCRA (field day, etc.) will be retained by the HCRA. Items that are desirable to the venture Crew will be assigned to the Venture Crew. This equipment will be issued to the newly licensed Crew members to allow them access to the ham bands. As they obtain equipment of their own, the donated equipment will be returned to the pool. The remainder of the donated equipment will be disposed of via both the HCRA auction and on E-Bay. A listing of this equipment and its intended destination will be published in the next issue of ZeroBeat. The items destined for E-Bay will be offered to club members prior to the listing on E-Bay.

Respectfully Submitted Dave Isham KB1MU

HCRA Board Meeting April 10, 2003

Held at the home of Irv Slitzky W6IS

Members present Jim KK1W, Irv W6IS, Dave KB1MU, Greg N1AEH, Larry WB1DBY, Norm W1BMK, Jim WB1Z. Venture Crew Representative, and John KX1X. Members absent: Peter, K1II.

Vice President W6IS: Suggested Field Day T-shirts as raffle prizes for next meeting (N1FD field day presentation). Sale of donated equipment. Of the 20 items offered, 11 were sold.

Treasurer N1AEH: Current balance is \$2310.72. The April raffle netted \$99.00.

Secretary KB1MU: Two new members this past month.

Program WB1Z: All set for speakers until Dec meeting

Membership W1BMK: A free membership will be given to the attendees of the HCRA classes currently in progress. Since it is late in the membership year the free membership will be through September 2004.

Technical K1II Not present.

ZeroBeat KX1X: Cutoff date for articles in the May issue will be April 20.

At Large WB1DBY, The bus trip is slowly gaining momentum. Currently there are three paid participants, and 14 total signed up. Thirty people are required to make the trip a "go."

Venture Crew The Venture Crew participated in both The WPX contest and the Scantic Spring Splash. The crews score for the WPX contest was about 6,200,000.

Old business: Field day-A letter will be sent to the Granby Selectman, attempting to get a rebate for the Friday rental of Dufresne Park. With this in mind, the club should start considering other sites in 2004.

QSL cards- Back of the card needs to be finished.

NEQP award-The plaques still are not ready. When ready, a presentation will be made to this years winner.

KC1ZJ donation-A thank you letter has been sent to Jim Davis. Some equipment was offered to members prior to being sold on E-Bay.

New business: Tabletop display-The club will purchase a tabletop display. This will be used for informational display at events such as Field Day, Hall of Fame, and Flea markets.

Elections-All Board members present indicated they intend to run for next year. Many of these board members have served many terms. Regular members are encouraged to run for office, thus presenting a little diversity in the club leadership. Tailgate party-Dave KB1MU has agreed to chair the tailgate Party again this year.

Respectfully Submitted Dave Isham KB1MU

**Kayaks. Canoes & Runners:
A Double Header Weekend for Public Service Events**

de Tom, N1MUV

On Saturday, March 29th, the Scantic Spring Splash 3k & 5k whitewater races were held on the Scantic River. Operators were stationed at key points on the river to supply race times and safety communications.

Local Western Massachusetts amateur operators included Ray N1RLX, Tom N1MUV, Dave KB1MU, Eric N1QKO, Larry WB1DBY (and son, Jake), John K1VOI (and YL, Chris) and two operators from Venture Crew DX, Steve KB1GHC and Brian, KB1IGM.

On Sunday, March 30, the Westfield Half Marathon for the Boys/Girls Club of Westfield was held. Ham operators covered key locations to provide communications throughout. Coverage was provided from the first runner to the last. Operators included Ray N1RLX (coordinator), Eric N1QKO, John N1VOI, and Tom N1MUV.

There are a Number of events coming up this spring. Listen to 146.94 for announcements. Operators are needed for all events.

73/Tom N1MUV

Western MA Hams Provide Communications for the 107th Boston Marathon de Tom, N1MUV

Nine local hams carpooled early Patriot's Day, Monday, April 21 to join more than 200 other amateur operators covering the 26 mile Boston Marathon course. The Western Massachusetts group operated from three water stations, two Red Cross First Aid Stations & one operator was in the net control group.

A warm 70 degree day, ideal for spectators, made it a very busy day for stations along the route.

Eric, N1QKO spent more than half the day escorting EMT teams to downed runners within a mile of FOX 12 ARC First Aid Station.

Dave, KB1MU's comment at one point was "It can be a little tough talking on 2m on one hand, listening for an FRS signal on the other, and also answering runners or spectators questions all at the same time." That included requests like "Can you find me a husband."

Larry (WB1DBY), Ernie (K1EJB), Ron (N1DJM), Linda (N1DOO) and Don (W1DRT) performed similar tasks from their locations --- calling for ambulance runs and medical assistance, shadowing the stationmaster, and providing information for net control as well as fielding endless questions from the public.

The race averages 500,000 spectators.

2mtr. communication conditions varied from repeater to repeater. One station's location would require more antenna than you would expect to use with an HT in a metropolitan area. Don, W1DRT, found his station to be in a tough signal area. He used a mag mount vertical to enhance his 2m signal.

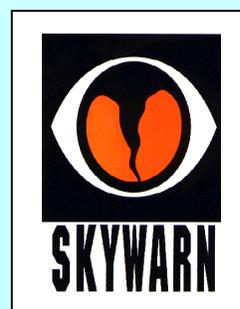
I used a high gain Comet ht antenna (16") which worked very well on the Yaesu 50r from our location.

After the race moved past his station, John, K1VOI, took on net control responsibilities for the first time. John's YL, Chris, after working the W-02 water station, navigated operators around the race to their new assignment.

It was a fast paced day dealing with high crowd noise levels and many requests for assistance or information. It seemed, however, that you could still find yourself cheering on the runners as some 22,000 run by.

At end of the day, after breaking down your assigned station, it was time to sit down enjoy a meal and swap stories. The group was back in the Western Mass. area about 8:00pm. Tired? OH YES!!! Add to that a little sunburn. The general opinion was that they where glad they went. A lot was accomplished, it was a very good day for Amateur Radio.

73 de Tom N1MUV



SKYWARN

CLASS

05/17/2003

7-10 PM

Wilbraham Middle
School Auditorium

466 Stony Hill Road
Wilbraham, MA

ORIENTEERING SCHEDULE for CT - Spring 2003

These events are sponsored by the NEW ENGLAND ORIENTEERING CLUB. Instruction and rental compasses are available at each event. For info, call Paul & Sue Pearson 860-745-7457. (PRPearson@AOL.COM)

All events have courses with difficulty and distance ranging from beginner to advanced levels:

S = String-O for young children W = White = Beginner (1-3 KM) Y = Yellow = Novice (2-4 KM)
 O = Orange = Intermediate (3-5 KM) G = Green = Advanced (4-5 KM) R = Red = Advanced (5-7 KM)

Sun 27 April MASHAMOQUET BROOK STATE PARK (Wolf's Den) POMFRET CENTER, CT

Registration & interval starts: 10:00 AM. to 1 PM (Wolf Den Campground)

Map: 1:10000 scale, 5 m Courses:W,Y,O,G.

Directions: From Interstate 84 in CT, Exit 69 to CT Route 74 east to US Route 44 east to start of Rte 101. Turn right on Wolf Den Rd. From Interstate 395, Exit 93 to CT Route 101 west. Left on Wolf Den Rd. (jut before Rte 44). Follow Orienteering signs to parking.

For info: Paul Pearson 860-745-7457 (PRPearson@aol.com) course setter: Roger Underwood

Sun 4 May METRO. DIST. COMM. RESERVOIR #5 (Brainard Forest) WEST HARTFORD, CT

MDC - Recreation Discovery Day at W.H. reservoir

Registration & interval starts: 10 AM to 1 PM Map: 1:10000, 5 m

Courses: S,W,Y,O

Directions : From I-84, take exit 39 to Rte 4. Go east on Rte 4 for 2 mi. to MDC gate. Follow Orienteering signs for 0.5 mi. to parking lot.

for info: Paul Pearson 860-745-7457 (PRPearson@aol.com)

* NOTE: If the MDC decides it is prudent to close the facilities temporarily to protect water supplies and treatment facilities while military action under way in Iraq, notification will be made via the news media, on the MDC's web site - www.themdc.com ; via the MDC's News Line, 860-278-7850, ext. 3456, and signs at the facilities

NEOC-CT IS ALSO HOSTING AN ORIENTEERING WEEKEND FOR SCOUTS ON MAY 17 & 18.

PRE-REGISTRATION IS REQUIRED FOR THESE EVENTS. See below.

Sat 17 May JUNE NORCROSS WEBSTER SCOUT RESERVATION ASHFORD, CT

Spring CT Scout-O : day 1 - skill development & practice

Pre-registration and pre-payment required by April 15, while space allows.

Registration limited to 200 scouts.

Map: 1:10000, 5 m

Check-in and starts: 9:30 AM to 11:00 AM. Courses: W, Y, O

Orienteering skill development and practice with NEOC guide.

For info: Jonathan Howes 860-529-3184 (jhhiker@cox.net) course setter:

Kevin Burnham

For camping info: CT Rivers Camping Services 860-289-6669 for

camp info: <http://ctrivers.org/webster>

Sun 18 May JUNE NORCROSS WEBSTER SCOUT RESERVATION ASHFORD, CT

Spring CT Scout-O : day 2 - competition for scouts & leaders

Pre-registration and pre-payment required by April 15 Map: 1:10000, 5 m

Check-in and starts: 9:00 AM to 11:00 AM. Courses: W, Y, O

Orienteering competition for leaders and scouts within age levels and gender

For info: Jonathan Howes 860-529-3184 (jhhiker@cox.net) course setter: Kevin Burnham

For information on orienteering, please visit these web sites:

New England Orienteering Club <http://www.neoc.org>

United States Orienteering Federation <http://www.us.orienteering.org>

BAND CAPTAINS

15/20M	CW	WB1DBY	Larry
40M	CW	KK1W	Jim
80M	CW	W1EQO	Jim
10M/75M	Phone	<i>Still open</i>	
15M	Phone	KB1FWN	Mike
20M	Phone	WB1Z	Jim
40M	Phone	K1EJB	Ernie
GOTA Station	<i>Still open</i>		
VHF/UHF	<i>Still open</i>		
Digital	Kx1x, John		

Addl. OPERATORS/LOGGERS

Norm, W1BMK	Mike, N1WLC
Steve, N1SR	Irv, W6IS
Marc, K1MZ	Erik, KB1FSU
Walt, W1WLS	Luke, KB1ISP
Steve, KB1GHC	Justin, KB1ISQ
Dave, KB1MU	Jeff, Nx1x
Brian, KB1IGM	Alan, KB1HUM

FIELD DAY

NATURAL POWER STATION

Dan, N1OE Equipment Donor

SATELLITE STATION

Still open

SET-UP & TAKE-DOWN

All of the Above & Below

GENERATORS & POWER

DISTRIBUTION

AA1YW, Dave

KB1FTX, John

KB1GDG, Kate

FOOD PROCUREMENT

& COOKING

KB1FVL, Andy

Where's YOUR Name?

Join your club for Field Day, even if its just moral support, come on down and socialize!!!

The next
Hampden County Radio Association
Monthly meeting
will be on Friday
May 2nd, 2003

Famed N1FD Field Day Team

At 7:30 p.m. at the
Feeding Hills Congregational Church
Doors open at 7:00 PM
Hope to see you there!
In case of inclement weather,
check: www.hcra.org
or the 146.94 repeater.
*Meeting cancellation information will be
given out by 6:00 PM.*

Plans are already
under way for

FIELD DAY

THE WINY WAY
Dufresne Park, Granby, MA

June 27, 28, 29

There are plenty of
facilities to make this a family event:
fishing pond, swings, playscape, hiking, and more
No Excuses, You've Been Warned !!!



HCRA
P.O. Box 562
Agawam, Massachusetts
01001

PLEASE HAND CANCEL

The Next
H C R A Meeting
N1FD
Field Day Team
And more!

May 2,
2003
Doors
Open
7:00
PM

