



ZERO BEAT

Southeastern Massachusetts
Amateur Radio Association, Inc.
54 Donald Street
South Dartmouth, MA 02748



Since 1932

Volume 49 Issue 5

SEMARA-W1AEC

May 2013

FLEAMARKET 2013



Saturday, May 11, 2013
9 AM to 2 PM Rain or Shine

GENERAL ADMISSION ONLY \$2.00!

30+ YEARS OF FLEAMARKETS!

**Admission Includes
One Raffle Ticket!**

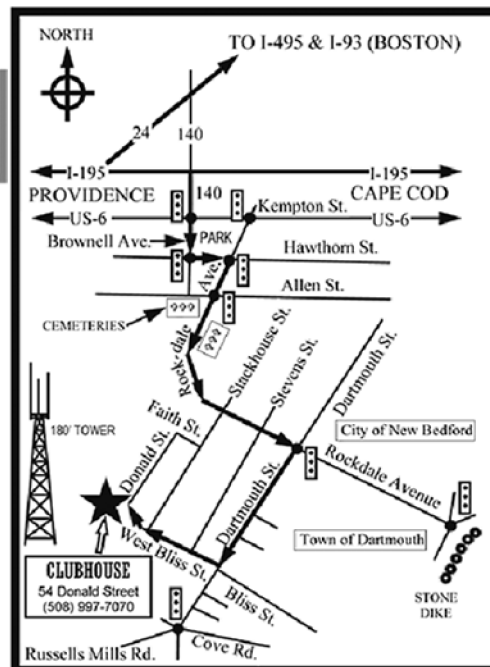
- FREE ADMISSION for SEMARA members and children under 12.
- VENDORS \$10.00 admission fee. Setup begins at 8 AM.

Talk-in on W1AEC Repeaters:

→ 147.000 + PL 67.0 ←
→ 224.800 - PL 67.0 ←

54 DONALD STREET
DARTMOUTH, MA 02748

More Information: SEMARA.ORG
Call Eric, N1WCO at (508) 295-2468
or email [flea\[at\]semara\[dot\]org](mailto:flea[at]semara[dot]org).



ZERO BEAT

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2013 SEMARA OFFICERS

President

Marcel Dumont—W1MLD

Vice President

Joe Krisnowsky—N1IXC

Secretary

Marc Dumont—KB1ODE

Treasurer

Mike McDonald—KB1NB

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Directors:

Andy Reuter—WA1FNM

Dave Dean—K1JGV

Eric Pierce—N1WCO

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Trustees: (year term is up)

John Walsh—WA1LSH (2013) (ch)

Louis Mester—W1CH (2014)

Joe Krisnowsky—N1IXC (2015)

Dick Halliwell—K1AHA (2016)

Brad Paiva—W1BEP (2017)

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STANDING COMMITTEES

Building and Grounds

Marty Jordan—KA1YFV

Tony Lessa—KB1UAM

Scholarship

Sonny Eddleston—K1USW – chair

Chuck Moszczanski—KB1FRL

Alan Dulong—WB1FQP

Joe Krisnowsky—N1IXC

Technical/Repeater/Web

VACANT —Technical (chair):

Rick Cabral—W1RJC: Repeater

Rick Cabral—W1RJC: Web

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SPECIAL COMMITTEES

Activities

VACANT

ARES/SKYWARN/RACES(ACS)

Ed Caron—KA1RSY

QSL Manager

John Nery—WA1ESO

Radio Events

Bob Kelley—K1KVV

Tech Talk

Brad Paiva—W1BEP

It seems to me ... de Bob - K1KVV, Editor

that we are in need of some radio active folks.

Here are some things to consider:

- New England QSO Party
- SEMARA 2013 Fleamarket and Tailgate Party
- Emergency Communications Training
- Kids Day
- Field Day



Perhaps with the warmer weather, we can get our act together and finally get a round "TO-IT."

With the talks going on about getting a radiator room and some antenna work done, who knows?

The tower has looked like this for too many years.

Soon we will be able to have an Open house and invite the public over to see Amateur radio in action.

It will be a great recruiting tool.

Be sure to be at the May meeting for our next SEMARA Amateur Radio Scholarship Award.

See the articles I've hidden in this issue. If you would like to see something else, speak up - and send me the material.

Until next time, ...-.- (SK end of transmission)

-30-



This is a good time to talk about what **Field Day** means to you. So, over the next donut, think about what you can do to liven up the SEMARA 'field' on **June 23 & 24**.

Can anyone supply a power source that is NSTAR-free? If so, let's check it out the week(end) before, just to be sure it will do the job.

Kids Day comes next month on **Saturday, June 15th**.

It is an discover the fun of Amateur Radio. It gives youngsters on-the-air experience. Hopefully it'll foster an interest in getting a license of their own. It also gives older hams a chance to share their station and love for Amateur Radio with the kids.



PHOTO BY N2KJ

POINT TO PONDER

"Even a 1,000 mile journey starts with a single step"

~LAO TSU, TAO TE CHING

Official Meeting Minutes



April 4, 2013

The meeting was called to order at 7:05 PM by the President, **Marcel (W1MLD)** with the salute to the flag. The roll was called with 23 members and 0 guests present. A moment of silence was held for William Miller, father of **William Miller, Jr. (K1IBR SK)** and Gay Susan Ryder, wife of **Peter Ryder (KB1GPL)**.

SECRETARY'S REPORT

A motion was made, seconded and unanimously passed to dispense reading the report and accept it as posted in *Zero Beat* and on the bulletin board.

TREASURER'S REPORT

Treasurer's Report was tabled until the next meeting.

STANDING COMMITTEES

Buildings and Grounds

Marty (KA1YFV) mentioned that the pine tree on the property line between SEMARA and Little People's College is in bad condition and we should contact LPC to consider mutually removing the tree.

Technical

An email from **Rick (W1RJG)** was read by **Marcel (W1MLD)** stating that repairs to the 147.00 system were expected to be complete soon.

Scholarship

Sonny (K1USW) reported that a winner for the 2013 scholarship had been chosen and would be notified shortly, with more information to follow.

SPECIAL COMMITTEES

ARES, RACES, SKYWARN

Ed (KA1RSY) reported that last month's ARES meeting, held at SEMARA, was well attended by about 40 people. **Joe (N1IXC)** reported that the past RACES drill went well with many check ins.

Radio Events

Bob (K1KVV) mentioned events as listed in *ARRL* and *Zero Beat*.

RATIFICATION OF NEW MEMBERS

Three applications were received from **Paul Payette (W1EZY)**, **Bradford Wilson (W1AY)** and **Robert Holland (N1SYC)**. A motion was made, seconded and unanimously approved to accept all as life members.

OLD BUSINESS

NETCOM The meeting was attended by Alan Costello, *NETCOM*, to discuss past due balances. There was

some discussion regarding a discrepancy in the current balance. It was agreed that both parties will look into the financial figures and come to an agreement on an amount and that *NETCOM* agreed to pay the present month's rent and half of the property taxes.

Rotor After some discussion regarding the log periodic antenna and rotor, a motion was made, seconded and unanimously passed to allocate \$3000.00 for the purchase of a Yaesu rotor and control (approx. \$1295.00), and to complete repair and installation of the antenna on the tower.

Dumpster After some discussion a motion was made, seconded and unanimously approved to purchase a dumpster bag (approx. \$69.00) to be used and emptied as needed for cleanup of the storage buildings.

FOR THE GOOD OF THE CLUB

Bob (K1KVV) began brief discussions about upcoming Field Day, and the upcoming K2H event.

Fred (N1TF) mentioned the past VEC session and commented on how well organized the records were from **Larry (AA1FS)**.

ADJOURN

A motion was made, seconded and unanimously approved to adjourn at 8:25 PM.

Respectfully Submitted,

Marc M. Dumont (KB1ODE), Secretary



Board of Directors Meeting Minutes

April 20, 2013

The SEMARA Board of Directors meeting was called to order by the President, **Marcel (W1MLD)** at 9:20 AM with 5 members present.

Topics discussed were as follows:

NETCOM: Al Costelo, *NETCOM*, was present at the request of the Board to discuss the current financial situation. The **Treasurer, Mike (KB1NB)** had prepared a spreadsheet of *NETCOM*'s monies owed and payments for review. After significant discussion it was decided that Al would take the spreadsheet to his accountant for review and report to SEMARA in the near future so an agreement could be made on a total balance. There was also some discussion on the possibility of prepayment of property taxes, which is slightly

(Continued on page 4)

Club Notes



At the April business meeting, three applications for membership were received.

A motion was made, seconded and unanimously approved to accept all as life members.

The new members are:

**Paul Payette - W1EZY (G),
Bradford Wilson - W1AY (E) and
Robert Holland - N1SYC (G).**

Welcome to the club!



Tech Talk before May Meeting

The New Bedford EOC will be at the club around 6:15 PM.

Many of our members have talked about having a tech talk. As a member of NBEMA it looks like we will be bringing the (EOC) Emergency Operation Center down to the club on our meeting night. It looks like a go for the May meeting at this time. I will try to have it at the club between 6:15 and 6:30 PM, just before the meeting so everyone can go inside and take a look at the radios and other equipment. I have a non-member who will be bring the EOC down to the club who is doing us a favor. I hope that we can have as many members down that night to see this vehicle.

73 Joe K N1IXC



(Continued from page 3)
different from how the contract is currently written.

Miscellaneous: Other topics discussed include:

Repairs to the antennas and tower, and the possibility of New Bedford's Emergency Operating Center (EOC) coming for a future Tech Talk.

Adjourn: The meeting adjourned at 10:42 AM.

Respectfully Submitted;

Marc M. Dumont (KB1ODE), Secretary.

Club Numbers

GPS Coordinates:

Lat. N 41° 36.795' Long. W 070° 56.550'

Maidenhead Grid Coordinates: FN41mo

For FISTS Sprints: FISTS #10555

LOCAL NETS

Everyone is welcome to check in!

147.000+ (PL 67.0 Hz) (FM) — Massachusetts RAC-ES/ACS Drill (Region 2, Sector A) is held on the first Monday of the month at 7:30 PM.

50.200 MHz (USB) — Net is held Wednesdays at 8:30 PM. **Dick, K1AHA** (Dartmouth) is net control.

28.490 MHz (USB) — Net is held Tuesdays at 8:30 PM. **Dick, K1AHA** (Dartmouth) is net control.

3868 kHz (LSB) — SEMARA Morning Net is held weekdays from 7:30-8 AM ET.

1875 kHz (LSB) Net is held Fridays at 7PM. **Dave, K1JGV** is net control with **Dick, K1AHA** as back up.

LOCAL REPEATER DIRECTORIES

See <http://www.nerepeaters.com/se.htm>

144 (<http://www.nerepeaters.com/2m.htm>)

222 (<http://www.nerepeaters.com/222.htm>)

440 (<http://www.nerepeaters.com/440.htm>)

902 (<http://www.nerepeaters.com/902.htm>)

CLUB ACTIVITIES

BUSINESS MEETING

First THURSDAY of the month @ 7 PM

Sunday RAGCHEW 7-10 AM

Thursday COFFEE CROWD

Dunkin Donuts @ Bliss Corner, Dartmouth @ 1 PM

Friday LUNCH BUNCH

Leave for LUNCH at **12 noon**

Gather @ clubhouse before 12

Call on the repeater, if you will be delayed or you can phone the club, 508-997-7070

NEXT VE SESSION @ SEMARA

June 1, 2013

Clubhouse @ 10:30 AM

Contact: Fred Bacon-NITF

[exams\[at\]semara\[dot\]org](mailto:exams[at]semara[dot]org)

508-748-0047



SEMARA News

New England QSO Party May 4-5, 2013



2000Z Saturday until 0500Z Sunday
(4pm EDT Saturday until 1am EDT Sunday)
1300Z Sunday until 2400Z Sunday
(9am EDT Sunday until 8pm EDT Sunday)

- **Contact** all New England states (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont) on 80-40-20-15-10m. (*New England stations work anyone*)
- **Categories:** Single-operator high power, low power (150W or less) and QRP (5W or less) categories, plus multi-operator, single transmitter. Same four categories for mobiles. Single-operator stations *using assistance* during the contest (packet or Internet spotting nets, etc.) will compete in *the multi-single* category.
- **Exchange:** Send signal report and state/province (DX stations send signal report and "DX"). New England stations send signal report, county and state (use 5-letter abbreviation).
- **Valid Contact:** Work New England stations once per band/mode. New England stations work anyone (and must copy the county for New England stations worked. CW contacts must not be made in the phone band segments. Mobiles that change counties are considered to be new stations, and can be worked for both multiplier and QSO Point credit. County line QSOs should be logged as two separate QSOs. *Crossmode, crossband and repeater QSOs are not permitted.*
- **QSO Points:** Count *one* point per phone QSO, *two* points per CW (includes digital mode QSOs).
- **Multiplier:** Stations outside of New England use counties as multipliers for a total of 67 (CT/8, MA/14, ME/16, NH/10, RI/5, VT/14). New England stations use states (50) (Count DC as MD), Canadian provinces (14) and DXCC countries as multipliers.
- **Scoring:** Total score is QSO points times the multiplier. Mobiles count QSO points per county and multipliers from all counties (counted once).
- **Reporting:** Logs should indicate times in UTC, bands, modes, calls and required contest exchange. *All stations include your club's name* in the log header or summary. Entries must be submitted within 30 days and sent to NEQP, P.O.Box J, West Suffield, CT 06093 or via e-mail to logs@neqp.org (Cabrillo format preferred).

Work Four or Five Contests at Once?

Check these out when you're working *NE QSO Party*.

- **Indiana QSO Party** (16Z Sat. - 04Z Sun.) <http://www.hdxcc.org/inqp/> Exchange: RS/T, state.
- **ARI International DX Contest** (Italian DX - 12Z Sat. - 12Z Sun.) http://www.qsl.net/contest_ari Exchange: RS/T, serial number.
- **7th Area QSO Party** (13Z Saturday - 07Z Sunday) <http://www.7qp.org> Exchange: state/county.

New England Counties by State

State

County	5-letter abbr.	3-letter abb. (optional)	Licensed hams (as of 5/2011)
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Connecticut

Fairfield	FAI CT	FAI	1999
Hartford	HAR CT	HAR	2074
Litchfield	LIT CT	LIT	580
Middlesex	MID CT	MIC	439
New-Haven	NHV CT	NHV	1472
New-London	NLN CT	NLN	769
Tolland	TOL CT	TOL	478
Windham	WIN CT	WIN	260

Maine

Androscoggi	AND ME	AND	274
Aroostook	ARO ME	ARO	233
Cumberland	CUM ME	CUM	728
Franklin	FRA ME	FRE	97
Hancock	HAN ME	HAN	204
Kennebec	KEN ME	KEN	424
Knox	KNO ME	KNO	169
Lincoln	LIN ME	LIN	161
Oxford	OXF ME	OXF	208
Penobscot	PEN ME	PEN	472
Piscataquis	PIS ME	PIS	78
Sagadahoc	SAG ME	SAG	127
Somerset	SOM ME	SOM	154
Waldo	WAL ME	WAL	163
Washington	WAS ME	WAM	193
York	YOR ME	YOR	541

(Continued on page 7)

SEMARA News (cont.)



Annual Armed Forces Day Crossband Test

In celebration of the 63rd anniversary of Armed Forces Day (AFD), the Army, Air Force, Navy, Marine Corps and Coast Guard are co-sponsoring the annual Military/Amateur Radio Crossband Communications Test. Armed Forces Day is traditionally celebrated on the third Saturday in May, the 2013 AFD Military/Amateur Crossband Communications Test will be conducted on May 11 to prevent conflict with the Dayton Hamvention[®], scheduled for May 17-19.

The annual celebration features traditional military-to-amateur crossband communications SSB voice and Morse code tests. These tests give Amateur Radio operators and short wave listeners an opportunity to demonstrate their individual technical skills and to receive recognition from the appropriate military radio station for their proven expertise. QSL cards will be provided to stations making contact with the military stations.

Military-to-amateur crossband operations will take place on the dates and time in UTC on the frequencies listed for the Army, Air Force and Navy/Marine Corps and Coast Guard MARS stations. Voice contacts will include operations in single sideband voice (SSB); *some stations will use CW to provide the opportunity to check in by Morse code.* Depending on propagation and staffing, some stations may not operate the entire period. Participating military stations will transmit on selected military MARS frequencies and listen for Amateur Radio stations in the amateur bands. The military station operator will announce the specific amateur band frequency being monitored. Duration of each voice contact should be limited to 1-2 minutes. The annual Secretary of Defense message will be transmitted via digital modes, including RTTY, PACTOR, AMTOR, PSK-31, MFSK and MT63 from certain stations.

Check the MARS Armed Forces Crossband Test website [<http://www.usarmymars.org/home/announcements>] for schedules and frequencies of participating military stations, including a list of stations that will be transmitting the annual Secretary of Defense message. Instructions on how to copy and submit the message are also included.

MAY 2013 EMA SECTION NEWS

It's been an extraordinary past few weeks for the citizens of Massachusetts as well as for the entire country. The tragic events at the Boston Marathon on Patriot's Day will be seared into our collective memories. The bombings, subsequent violence, the lockdown, an historic manhunt, and the eventual capture of a dangerous fugitive not only shook us but led us to summon our most enduring and positive of human qualities. We listened and watched in awe to the stories of first responders (and ordinary citizens) who rushed into harm's way to aid the injured and dying.

Amateur Radio volunteers performed admirably during the period where they were covering a normal public service event. Boston Athletic Association officials in Hopkinton successfully ensured a smooth and safe start, thanks in part to efficient communications provided by the hams that shadowed them. Checkpoints and first aid stations were able to verify and obtain needed supplies, and later, coordinate the transport of runners. Red Cross officials who crisscrossed the course were kept in the loop always, thanks to their Amateur Radio shadows. But then... 2:50 PM.

Initially, rumors and vague reports surfaced. CNN texts and other media alerts began to light up smartphones. Phone call volume increased. In fact, in many locations along the course, cell phone service crashed under the strain. Soon, it was apparent to everyone that a major disaster was unfolding, and amateurs were caught up in the middle of it. The jarring directive went out over the amateur networks to halt all runners. *Stop the Marathon.*

The BAA's mission abruptly changed, and new priorities were quickly introduced. As one Marathon volunteer succinctly put it, "The bombs created a new set of problems. How do the runners stay warm? How do the runners get fed? How do the runners get to their belongings? How do the runners discover if their loved ones waiting at the finish are okay? How do the runners let their loved ones know where they are?"

I'm proud of the actions of the section's ARES members and other Marathon Amateur Radio Communications consortium participants during this horrific event. When the shock hit, amateurs shifted gears seamlessly from public service event coverage to full-blown emergency operations. The fact that amateurs are trained and able to make such a profound transition so quickly ensures that our services will always be in demand. You have this Section Manager's sincere gratitude.

73, Phil-K9HI

SEMARA News (cont.)

NE Counties, continued from page 5)

Massachusetts

Barnstable	BAR MA	BAR	761
Berkshire	BER MA	BER	395
Bristol	BRI MA	BRM	1122
Dukes	DUK MA	DUK	30
Essex	ESS MA	ESM	1408
Franklin	FRA MA	FRA	225
Hampden	HMD MA	HMD	810
Hampshire	HMP MA	HMP	334
Middlesex	MID MA	MIM	3719
Nantucket	NAN MA	NAN	30
Norfolk	NOR MA	NOR	1187
Plymouth	PLY MA	PLY	895
Suffolk	SUF MA	SUF	365
Worcester	WOR MA	WOR	1780

New Hampshire

Belknap	BEL NH	BEL	282
Carroll	CAR NH	CAR	166
Cheshire	CHE NH	CHE	287
Coos	COO NH	COO	114
Grafton	GRA NH	GRN	266
Hillsborough	HIL NH	HIL	1690
Merrimack	MER NH	MER	519

Rockingham	ROC NH	ROC	1127
Strafford	STR NH	STR	304
Sullivan	SUL NH	SUL	169

Rhode Island

Bristol	BRI RI	BRR	125
Kent	KEN RI	KNT	463
Newport	NEW RI	NEW	276
Providence	PRO RI	PRO	870
Washington	WAS RI	WAR	330

Vermont

Addison	ADD VT	ADD	140
Bennington	BEN VT	BEN	117
Caledonia	CAL VT	CAL	78
Chittenden	CHI VT	CHI	599
Essex	ESS VT	ESV	9
Franklin	FRA VT	FRV	148
Grand Isle	GRA VT	GRV	26
Lamoille	LAM VT	LAM	72
Orange	ORA VT	ORA	110
Orleans	ORL VT	ORL	61
Rutland	RUT VT	RUT	193
Washington	WAS VT	WAV	212
Windham	WNH VT	WNH	106
Windsor	WND VT	WND	178

New England QSO Party 2012

This certificate is awarded to **W1AEC**
OPRS: K1KVV N1WBV WA1ESO
in recognition of achieving
1st Bristol County
Multi-operator Single Transmitter

Tom Frenaye Tom Frenaye, K1KI
Bill Myers Bill Myers, K1GQ

MAINE 16
NEW HAMPSHIRE 10
VERMONT 14
MASSACHUSETTS 14
CONNECTICUT 8
RHODE ISLAND 5

NE QSO Party certificates

This was an easy contest to enter - lots of non-NE stations call you.

W1AEC's operation was casual - a little SSB and some CW. We only worked 20-m and 40-m. It was fun.

N1TF earned two certificated, one working SSB in 2011 and this one working only CW for 2012.

You might like to try it yourself.

New England QSO Party 2012

This certificate is awarded to **N1TF**
in recognition of achieving
1st Plymouth County
Single Operator Low Power

Tom Frenaye Tom Frenaye, K1KI
Bill Myers Bill Myers, K1GQ

MAINE 16
NEW HAMPSHIRE 10
VERMONT 14
MASSACHUSETTS 14
CONNECTICUT 8
RHODE ISLAND 5

Some Radio Events

<http://www.arrl.org/contest-calendar>

NS Weekly Sprint CW
May 3, 0230Z-May 3, 0300Z 1.8-14

www.nccsprint.com

Ten-Ten Spring CW Contest CW
May 4, 0100Z-May 5, 2359Z 28

www.ten-ten.org

ARI International DX Contest All Modes
May 4, 1200Z-May 5, 1159Z 1.8-28

www.qsl.net/contest_ari, www.ari.it

7th Area QSO Party All Modes
May 4, 1300Z-May 5, 0700Z 1.8-28 50, 144

7qp.org

Indiana QSO Party Phone-CW
May 4, 1600Z-May 5, 0400Z 1.8-28

www.hdxcc.org/inqp

New England QSO Party All Modes
May 4, 2000Z, *see website* 3.5-28

www.neqp.org

ARS Spartan Sprint CW
May 7, 0200Z-May 7, 0400Z 3.5-26

www.arsqrp.blogspot.com

CWops Monthly Mini-CWT Test CW
May 8, 1300Z, *see website* 1.8-28

www.cwops.org/onair.html

EUCW Fraternizing CW QSO Party CW
May 11, 1000Z, *see website* 3.5-28

www.eucw.org

Armed Forces Communications Test Phone-Digital
May 11, 1200Z-May 12, 2400Z 1.8-28

www.netcom.army.mil/mars

FISTS Spring Sprint CW
May 11, 1700Z-May 11, 2100Z 3.5-28

www.fists.org/operating.html#sprints

His Majesty King of Spain Contest CW
May 18, 1200Z-May 19, 1200Z 1.8-28

www.ure.es

CQ WW WPX Contest CW
May 25, 0000Z-May 26, 2400Z 1.8-28

www.cqwp.com

Local VE Sessions

[http://www.arrl.org/
find-an-amateur-radio-license-exam-session](http://www.arrl.org/find-an-amateur-radio-license-exam-session)

Walk-ins permitted unless otherwise noted.

SEMARA – 10:30 AM June 1st

Fred Bacon-N1TF
exams [at] semara [dot] org
508-748-0047



Fall River, MA – 7:00 PM May 20th

Skip Denault-KB1CNB
skip[at]newtestamentschool[dot]org
774-644-3469

Falmouth, MA – 9:00 AM May 11th

W. Ben Fleck-K2LYE
BenFleck [at] verizon [dot] net
508-540-2583

Providence, RI – 7:00 PM contact

Robert E Jones-WB1P
bgjones49 [at] verizon [dot] net
401-333-4787

Coming FLEAS & FESTS

www.arrl.org/hamfests/search

3,4 May Deerfield NH *NEARFest XIII*
Mike K1TWF 978-250-1235

11 May Dartmouth MA *SEMARA Tailgate*
Eric N1WCO 508-295-2468

17-19 May Dayton OH *Hamvention*
hamvention.org 937-276-6930

19 May Cambridge MA *FLEA at MIT*
Nick 617-253-3776

1 June Hermon ME *PSARA*
Jerry K1GUP 207-848-3400

15 June Newington CT *NARL*
Vinnie W1VJA 203-987-2108

16 June Cambridge MA *FLEA at MIT*
Nick 617-253-3776