



ZERO BEAT

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



Since 1932

Volume 49 Issue 3

SEMARA-W1AEC

March 2013

ARC: Phase Out ECRVs

American Red Cross to Phase Out Emergency Communication Re- sponse Vehicles*

The American Red Cross has made the decision to phase out and decommission its Emergency Communication Response Vehicles (ECRVs) due to changes in technology, as well as a new satellite system and other



Due in part to new and emerging technology, the American Red Cross will be phasing out its Emergency Communication Response Vehicles (ECRVs).

factors regarding the vehicle fleet. "Retrofitting the decade-old vehicles with new equipment is not a good use of donated funds, as the long-term strategy is to move to more portable systems," American Red Cross Disaster Services Technology Manager **Keith Roberatory, KG4UIR**, told the ARRL. "This is consistent with the trends in the telecom and technology industries."

The American Red Cross will be removing the Amateur Radios from the ECRVs as part of the decommissioning process. These radios will either become part of the deployable inventory or provided to the local American Red Cross chapter to build local capacity. Roberatory explained that from a radio perspective, the American Red Cross has a variety of different kits for amateur, business and public safety bands covering HF, VHF and UHF with portable radios, mobile units and base stations: "Two-way radio remains a valuable tool, providing communications in the initial days or weeks of a disaster, until normal communications is restored.

Each American Red Cross chapter should continue with — and improve — the relationship with their local Amateur Radio operators. In a disaster, Amateur Radio will be the fastest deployed radio network because operators already live in the impacted communities."

Roberatory called the ECRV operators "the key to the success of the ECRV program through the years," saying their skills, dedication and flexibility have made the ECRV one of the most visible aspects of the American Red Cross Disaster Technology team. The ability to establish connectivity and communications remains vital to the American Red Cross, and their skills will continue to be needed as the American Red Cross implements new technology strategy and tactics. The commitment and flexibility of technologists — including radio operators — is what makes technology on a disaster successful. Building our future path based on the lessons we have learned is important to keep us all successful."

Radio amateurs who are concerned about how the decommissioning of ECRVs will affect opportunities to serve the American Red Cross can be assured that such opportunities still exist. "This should not be seen as a setback for those radio amateurs who are working with the American Red Cross," said ARRL Emergency Preparedness Manager **Mike Corey, K1IU**. "In disaster response, adaptability is critical and keeping up with new technology is essential. This all must be done with a mind toward an effective and efficient response. Amateurs have played an important role in assisting the American Red Cross with their mission and I know we will continue to do so in the future."

Information about how to purchase these vehicles will be shared at a later date.

* This news item originally appeared in the **February 20 edition of the ARRL ARES® E-Letter**.

ZERO BEAT

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2013 SEMARA OFFICERS

President

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Vice President

Joe Krisnowsky—N1IXC

Secretary

Marc Dumont—KB1ODE

Treasurer

Mike McDonald—KB1NB

Directors:

Andy Reuter—WA1FNM

Dave Dean—K1JGV

Eric Pierce—N1WCO

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)

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

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 dedicated folks to fill our **vacant** positions - listed in the sidebar on this page: VACANT, Technical Committee chair; Activities [Cook-outs, Parties, etc.], VACANT.

Virtually vacant is the Tech Talk chair. I appreciate the fact that our T-T chr. is a busy person. There is some real concern about inviting an outsider to give a talk because there has been some doubt whether there will be enough of an audience so the presenter will feel the effort to prepare the talk was worth it.

In spite of the approved change to have Tech Talks follow the business meeting, except for my informal introduction to the club's operation positions and protocols, no one else has been scheduled to give a Tech Talk. Putting the T-T together with the business meeting solves the attendance problem. The problem that we can't seem to solve is the 'invitation' or asking one. Perhaps we should let folks simply step when the mood inspires them - then we wouldn't need a T-T chr.

What do you think about putting our resources toward getting one of the phased out ECRVs? I guess it would depend on what equipment came with it. I might turn out that a used RV would work just as well.

Yes, yes. I know we have a lot on our plate right now. I am really excited about the prospect of putting a dedicated radio room on the side of the clubhouse, like the Quonset hut of old. And we will be putting up some antennas in the near future, right? The Sommers Log-Yagi is an awesome antenna, Making the clubhouse roof-mounted yagi rotatable will allow two yagis to be used at the same time, even if one used for receive while the other puts out the signal.

Don't forget the wire antennas everyone is talking about. Since we seem to have some interest in 160-m, a 160-m full wave loop might be on the wish list. The 85-ft tower might make a good support for some slopers or inverted Vee antennas.

The possibilities are endless. All we need is to see that we have something that the world could appreciate, if we decided to get our hands dirty.

Did you ever stop to think what fun it could be to expose young people to the fun and enjoyment of amateur radio? What it means to be a ham? I'd like to think that in the future we could develop our own scholarship candidates. Come join the younger generation of ham operators. Let's help train them. Let's all become Elmers for SEMARA.

POINT TO PONDER

“As soon as you trust yourself,
you will know how to live.”

~Johann Wolfgang von Goethe

Official Meeting Minutes



February 7, 2013

The meeting was called to order at 7:10 p.m. by the President, **Marcel (W1MLD)** with salute to the flag. The roll was called with 18 members and 0 guests present.

SECRETARY'S REPORT

A motion was made, seconded and unanimously approved to dispense with reading the minutes and accept as posted on the bulletin board and in Zero Beat.

TREASURER'S REPORT

In the absence of the Treasurer, a motion was made, seconded and unanimously voted to dispense with reading the Treasurer's report until the next business meeting, and refer the report to audit.

Later in the meeting, the Treasurer, **Mike (KB1NB)** reported that 1 payment (arrears) had been received from NETCOM and 1 payment (Current) had been received but was not able to clear the bank. A motion was than made, seconded and voted to refer this report to audit.

STANDING COMMITTEES

Buildings and Grounds

Nothing to report.

Technical

Rick (W1RJ) reported that the Technical Committee has no Chairperson, then briefed members regarding upcoming projects.

Scholarship

Nothing to report.

SPECIAL COMMITTEES

ARES, RACES, SKYWARN

Joe (N1IX) reported the upcoming ARES workshop will be held at SEMARA on Saturday, February 23, 2013 at 10:00 a.m. with multiple speakers.

Repeater

Rick (W1RJ) updated members that systems are working well and advised of future upgrades to the repeater systems such as IRLP nodes and connectivity between systems.

Website

Rick (W1RJ) reported that the website was working well and spoke of future plans for web hosting and improvements to the site to make it more easily viewed.

RATIFICATION OF NEW MEMBERS

An application for membership was received from Lars C. Ingerslev (AB2SN). A motion was made, seconded and unanimously voted to accept **AB2SN** as a life member.

OLD BUSINESS

Fred (N1TF) reported that a new cooktop unit similar to the current unit would cost approximately \$400.00. **Marcel (W1MLD)** reported he had found the cooktop that was in storage, it was in like new condition and will look into, in the near future, compatibility with the old unit.

There was also some discussion regarding the CCTV system and problems with the company that supplied the units.

NEW BUSINESS

Rick (W1RJ) made a motion to purchase, with the approval of the Finance Committee given and at a cost of no more than \$275.00, three Raspberry Pi units to function as nodes for the repeater systems. This motion was seconded and unanimously approved.

There was some discussion regarding the status of a SEMARA VE team and exam schedules.

FOR THE GOOD OF THE CLUB

Joe (N1IX) mentioned, as brought up in the recent BOD meeting, the disposal of cigarettes outside the building and asked that those involved dispose more properly of their smoking materials.

ADJOURN

A motion was made, seconded and unanimously passed to adjourn at 8:02 PM.

Respectfully Submitted,

Marc M. Dumont (KB1ODE), *Secretary*

50/50 RAFFLE

The 50/50 raffle was won by **Mike (KB1NB)**.
The split was \$14.00/\$14.00.

Club Notes



Letter to the Editor



Hi,

The 160M net is alive and well. We have set it up as **Dave, K1JGV** (net control) and **Dick, K1AHA** as (asst net control) in my stead. We use a "round robin" style with less than five sign-ins, but then I take center stage with five total or more.

Paul, K1PGS is a frequent flyer and **Tom, KQ1G** has been on, but sustained serious damage to his antenna as I am told. Others are **Brad, W1BEP**; **Don, WA1PLT**; **Don, N1PMB** and **Marty, WA1YFV** from time to time.

We generally run about 3/4 hr starting at 7 PM on Fridays and manage to talk about everything from technology to the weather to apples.

So come join us for a sample of some good ole fashioned provocative chat.

Dave, K1JGV



New Member

At the *February 7, 2013* Business Meeting, a motion was made, seconded and unanimously voted to accept

Lars C. Ingerslev (AB2SN)

as a life member.

Welcome to the Club!



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

April 6, 2013

Clubhouse @ 10:30 AM

Contact: Larry Houbre-AA1FS

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

508-991-6055



SEMARA News



District Meeting: "From Tactical to Digital"

Hello all...

The South Shore District of the Amateur Radio Emergency Service (ARES) in conjunction with the Southeastern Massachusetts Amateur Radio Association (SEMARA) will be hosting a District meeting on March 16, 2013 at 10 AM and ending at approximately 2 PM.

The purpose of this meeting is to get ARES members together for an "eye ball," sit down and enjoy a day of presentations on Amateur radio and discuss and ask questions about Amateur Radio and Emergency Communications.

The theme for this meeting will be **"From Tactical to Digital."** Our first speaker will be **Steve Schwarm W3EVE**, Steve is the Eastern Massachusetts Section District Emergency Coordinator (DEC) in charge of Field Operations. Steve is also the Coordinator for Amateur Radio Operations at the Boston Marathon, the largest Amateur Radio Public Service event in New England. Steve's presentation will be on the "Tactical" side of ham radio and he will discuss the vast operations of the Marathon. Also speaking will be **Rob Macedo KD1CY**, our Eastern Massachusetts ARES Section Emergency Coordinator and SKYWARN Coordinator for the National Weather Service in Taunton. We will also have an afternoon speaker (TBA) to cover the Digital portion of our meeting.

The meeting will be held at the SEMARA Club House located at 54 Donald St. in Dartmouth, MA www.semara.org at 10 AM. All Amateur Radio Operators who are interested in Public Service and Emergency Communications are invited to attend this event which promises to be an interesting get together.

More specific information will be announced as the meeting date gets closer. In the meantime please mark your calendar and plan to join us in Dartmouth on March the 16th.

Respectfully,



Edward A. Caron (KA1RSY)
South Shore District
Amateur Radio Emergency Service (ARES)
District Emergency Coordinator

[ka1rsy \[at\] arrl \[dot\] net](mailto:ka1rsy@arrl.net)

Local EComms/Repeater Information

Hi All,

Recently, a couple people have asked me what operations are assigned to our local South Coast repeaters for emergency communications (ecomms). In light of the current blizzard, I have created a brief summary on what is assigned to our area, followed by a more in depth description of each. It took me about an hour just now to create all of this information in great detail. I decided to do this because there appears to be a lack of good information online to inform local hams about this important information.

In times of drills and real emergencies, all normal communications must cease to allow for this type of priority traffic:

- 1) 147.000 Repeater = RACES
- 2) 145.490 Repeater = ARES & SKYWARN

Detailed information on each:



1. RACES: The 147.000 Dartmouth repeater is officially designated as the primary operations frequency for Region 2 Sector A of the Radio Amateur Civil Emergency Service (RACES) by the Massachusetts Emergency Management Agency (MEMA).

The following towns are served in this region/sector by this repeater: Acushnet, Attleboro, Berkley, Dartmouth, Dighton, Fairhaven, Fall River, Freetown, Mansfield, Marion, Mattapoisett, New Bedford, N. Attleboro, Norton, Plainville, Raynham, Rehoboth, Rochester, Seekonk, Somerset, Swansea, Taunton, Wareham and Westport.

A monthly drill is held in order for all cities and town's Emergency Operations Centers (EOCs) to test their equipment. This includes making sure all radios, antenna systems and auxiliary power is working properly. This is done so that when a real emergency occurs, everyone knows their capabilities and weak points. During the drill, users go direct (simplex) to test point-to-point communications as well, which is very important to know in the case that the repeater goes off the air during a real emergency. The drill is held on the first Monday of each month at 7:30 PM local time. RACES is activated during emergencies at the discretion of MEMA Region 2 (**WC1MAB**).

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SEMARA News (cont.)

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2. ARES: The 145.490 Fairhaven repeater is officially designated as the primary operations frequency for Bristol County Massachusetts by the American Radio Relay League's (ARRL's) Eastern Massachusetts section of the Amateur Radio Emergency Service (ARES). **Rob Macedo (KD1CY)** is the Section Emergency Coordinator (SEC) for this section of ARES and is also one of the trustees of the South Coast Massachusetts Amateur Radio Group (SCMARG) which operates the '49 repeater.

A monthly drill is held for all cities and town's Emergency Operations Centers (EOCs) as well as ARES volunteer to test their equipment. As with RACES, the drill is to test equipment for the possibility of a real emergency ARES activation. The drill is held on the **first Monday of each month at 8:30 PM local time.** The '49 repeater is linked into the Minuteman Repeater Association (MMRA) repeater system of the metro Boston area for this drill, which is conducted for all of Eastern Massachusetts, as opposed to only Bristol County. ARES is activated during emergencies at the discretion of ARES leadership. On occasion, self-activation may become necessary.



3. SKYWARN: The 145.490 Fairhaven repeater is officially designated as the primary operations frequency for the South Coast of Massachusetts by the National Weather Service (NWS) Taunton, Massachusetts SKYWARN program (**WX1BOX**). **Rob Macedo (KD1CY)** is the SKYWARN coordinator for this group.

Since ARES and SKYWARN are both related, the monthly ARES drill essentially covers the need to have a local monthly SKYWARN drill. However, the '49 repeater does link to the Raleigh, NC ***WX_TALK*** EchoIRLP gateway system for the national VoIP Hurricane/SKYWARN net on Saturday evenings. In addition, an independent group called the **Fairhaven Repeater Weather Net (FRWN)** uses **'49 weeknights at 8:00 PM** local time to gather reports and discuss weather in general.

'49 will be utilized while SKYWARN is active for two primary functions. If a threat to the South Coast occurs, **WX1BOX** will be on the air directly via RF or may link the repeater to the EchoIRLP **New England Gateway** to gather local reports. Otherwise, when severe weather

breaks outside of the South Coast but within NWS Taunton's jurisdiction, the repeater may be used as a liaison for report gathering. The repeater's IRLP node may be linked by **WX1BOX** to another area such as Connecticut or western Massachusetts. In most cases, it is used to link to the Vernon, Connecticut 146.790 repeater as a vital communications path to gather SKYWARN reports when severe weather is moving through Hartford and Tolland county.

I sincerely hope that the above information is of value to you. I am going to eventually put this information on the SEMARA and SCMARG websites so that people seeking this information can easily access it. Currently, some of the information for 145.490's ecomms/drills/nets can be found here: <http://scmarg.org/nets.htm>

Additional information:

- MEMA Region 2 RACES (**WC1MAB**)
<http://www.wc1mab.org>
- Eastern Massachusetts ARES
<http://ares.ema.arrl.org>
- NWS Taunton SKYWARN (**WX1BOX**)
<http://www.wx1box.org>
- VoIP SKYWARN/Hurricane Net
<http://www.voipwx.net>

73,

Richard J. Cabral, W1RJC

SEMARA Repeater Committee SCMARG Co-Trustee
[repeater \[at\] semara \[dot\] org](mailto:repeater@semara.org) [trustees \[at\] scmarg \[dot\] org](mailto:trustees@scmarg.org)
<http://www.semara.org> <http://www.scmarg.org>

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technical expertise when making decisions.

These objectives affect all of us as ARES operators and leaders to varying degrees. As related measures come up on the Congressional docket this year, make sure to support them with your lawmakers. Related new laws can greatly facilitate our ability to provide professional-grade emergency and disaster response communications.

* The ARES E-Letter for February 20, 2013



SEMARA News (cont.)

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!**

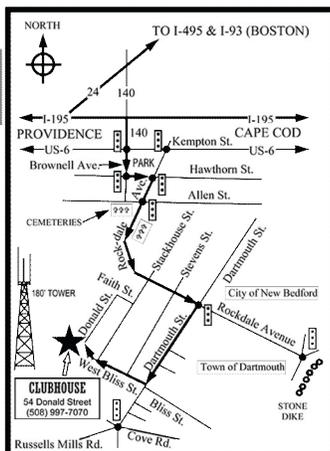
- **FREE ADMISSION** for SEMARA members and children under 12.
- **VENDORS \$10.00** admission fee. Setup begins at 8 AM.

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.



Annual SEMARA Tailgate Fleamarket

Saturday, May 11, 2013

The Annual SEMARA Tailgate Flea Market *will happen this spring!*

Set-Up at 8:00 AM

Open 9:00 AM - 2:00 PM

Admissions are as follows:

- ⇒ Vendors: \$10.00 for a table
- ⇒ General Admission: \$2.00

[Club Members and Children under 12 free.]

If there is sufficient participation, there will also be door prizes and a raffle. This will be announced.

Talk-In on SEMARA repeaters:

147.000 (PL 67.0) and 224.800 (PL 67.0)

For more information, contact

Eric-N1WCO at [n1wco \[at\] iol \[dot\] com](mailto:n1wco@iol.com).

73 de **Eric-N1WCO***

* *Eric posted this on the Southeastern Massachusetts Amateur Radio Association's facebook page.*

ARRL Board Considers Items of Interest to ARES*

The League's Board of Directors met last month and considered several issues of interest for ARES members. First, the Board set seven legislative objectives for the 113th Congress of the United States.

These are:

- To seek legislation instructing the FCC to *extend* the requirement for "reasonable accommodation" of Amateur Radio station antennas — a requirement that now applies to state and local regulations — to *all forms of land use regulation*.
- To *oppose* legislation that would lead to the reallocation of amateur spectrum or to sharing arrangements that *reduce the utility of existing allocations*.
- To *oppose* legislation that *diminishes the rights of federal licensees* in favor of unlicensed emitters or encourages the deployment of spectrum-polluting technologies.

- To *seek recognition* of the unique resources, capabilities and expertise of the *Amateur Radio Service* in any legislation that addresses communications issues that are related to *emergencies, disasters or homeland security*.
- To *support* the complementary legislative objectives of other radiocommunication services — particularly the *public safety and scientific services* — that require spectrum access and protection from interference for non-commercial purposes that benefit the public.
- To *oppose* "distracted driving" legislation that does not *clearly exempt* two-way mobile radio transmitters or receivers used by FCC-licensed radio amateurs.
- To *support* legislation authorizing FCC Commissioners to appoint an *electrical engineer* or *computer scientist* as an additional member of their staffs to ensure that Commissioners have adequate access to

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Some Radio Events

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

NS Weekly Sprint	CW
Mar 1, 0200Z to Mar 1, 0300Z	1.8-14
ARRL Int'l Phone DX Contest	Phone
Mar 2, 0000Z to Mar 3, 2400Z	1.8-28
Open Ukraine RTTY Championship	Digital
Mar 2, 2000Z to Mar 2, 2359Z	1.8-28
OK1WC Memorial Contest	Phone,CW
Mar 4, 1600Z to Mar 4, 1659Z	3.5, 50, 144
ARS Spartan Sprint	CW
Mar 5, 0200Z to Mar 5, 0400Z	3.5-28
YL CW Party	CW
Mar 5, 1900Z to Mar 5, 2100Z	3.5
John Rollins Memorial DX Contest	CW
Mar 6, 2300Z to Mar 7, 2300Z	7,14
RSGB Commonwealth Contest	CW
Mar 9, 1000Z to Mar 10, 1000Z	3.5-28
AGCW QRP Contest	CW
Mar 9, 1400Z to Mar 9, 2000Z	3.5-28
QRP ARCI HF Grid Square Sprint	CW
Mar 9, 1500Z to Mar 9, 1800Z	3.5-28
EA PSK63 Contest	Digital
Mar 9, 1600Z to Mar 10, 1600Z	3.5-28
Idaho QSO Party	Phone,CW,Digital
Mar 9, 1900Z to Mar 10, 1900Z	3.5-28, 50-144, 440
North American RTTY Sprint	Digital
Mar 10, 0000Z to Mar 10, 0400Z	3.5-14
Wisconsin QSO Party	Phone,CW,Digital
Mar 10, 1800Z to Mar 11, 0100Z	3.5-28, 50+
North American Sprint	Phone
Mar 17, 0000Z - Mar 17, 0400Z	3.5-14 3.5-14
Run For the Bacon	CW
Mar 18, 0200Z - Mar 18, 0400Z	1.8-28
Lighthouse Spring Lites QSO Party	
non-contest - WARC bands OK	Phone,CW,Digital
Mar 23, 0001Z - Mar 30, 2359Z	1.8-28

Local VE Sessions

<http://www.arrl.org/find-an-amateur-radio-license-exam-session>

Walk-ins permitted unless otherwise noted.

SEMARA – 10:30 AM **Apr 6th**

Larry Houbre-AA1FS

exams [at] semara [dot] org

508-991-6055



Falmouth, MA – 9:00 AM

W. Ben Fleck-K2LYE

BenFleck [at] verizon [dot] net

508-540-2583

Mar 9th

Coming FLEAS & FESTS

www.arrl.org/hamfests/search

2 Mar	Feeding Hills MA	<i>MtTARA</i>
	Mary KB1ME 413-222-1990	
10 Mar	Henniker NH	<i>CVRC</i>
	Donald N1ZIH 603-651-8000	
16 Mar	Dayville CT	<i>ECARA 8A</i>
	Paul KE1LI 860-928-5147	
16 Mar	N Conway NH	<i>WMARC</i>
	Greg KB1EZJ 603-759-6671	
29,30 Mar	Lewiston ME	<i>AARC ME Conv</i>
	Ivan N1OXA 207-784-0350	
7 April	Southington CT	<i>SARA</i>
	Norm W3IZ 860-584-1403	
7 April	Framingham MA	<i>FARA</i>
	Steve KB1NIV 508-872-9336	
20 April	Gales Ferry CT	<i>RASON Auction</i>
	Gary WT1SND 860-884-4218	
20 April	Portland ME	<i>PAWA</i>
	John W1JLB 207-776-2288	
21 April	Cambridge MA	<i>FLEA @ MIT</i>
	Nick 617-253-3776	
28 April	Manchester CT	<i>NEWS V/UHF Conf</i>
	Mark K1MAP 413-566-8118	
3,4 May	Deerfield NH	<i>NEARFest XIII</i>
	Mike K1TWF 978-250-1235	
11 May	Dartmouth MA	<i>SEMARA Tailgate</i>
	Eric N1WCO 508-295-2468	
19 May	Cambridge MA	<i>FLEA at MIT</i>
	Nick 617-253-3776	