



ZERO BEAT

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



OUR 73rd YEAR

Volume 41, Issue 7

SEMARA W1AEC

July 2005

Digital Video Editing

This Tech Talk was presented to a dozen or so members who had a chance to learn about some inexpensive software that allows you to take static pictures and video clips and turn them into dramatic presentations. Tim demonstrated three applications; first *Photodex ProShow Gold*, then *Pinnacle Studio 9* and finally *Microsoft Windows Movie Maker*.



TIM SMITH, N1TI

The photo show software for animating still photos (similar to the Ken Burns technique) is called *Photodex ProShow Gold*. You can download a trial version at <www.photodex.com>.

The technique Tim showed picks a starting point and ending point in a hi-res image. The software follows your panning path and provides a smooth animation to fill in between—just like Ken Burns.

You can create a dynamic zoom in effect by starting with the original image and stopping at a tightly cropped image. As a demonstration of just how easy it is to do, he took images from our own Fleamarkets and created a short presentation that was very engaging using these techniques. He showed us how adding a music background really enhances the show.

While the software provides lots of neat transitions between the animations, he warned us to use only one or two. Otherwise, the audience is distracted and concentrates on the ef-

fects and not the content. Tim also recommends that you limit your presentations to 10 minutes or less.

Here's an example of what you can do with a stack of old photos <www.photodex.com/sharing/spotlight/demoshow_wasp.html>.

For Video Editing, Tim gave us a brief look at *Pinnacles Studio 9*. The focus of this software is on video clips, such as the kind you can get from a digital camera or other digital video source. Tim showed how to add titles and background music to video clips, connect them together with transitions and even rearrange parts, change playback speed on portions to create slow motion effects. He was able to take a simple panning sequence and turn it into an entertaining experience. More information is available at <www.pinnaclesys.com/>. Free trials are also available.

And lastly, one of Microsoft's best kept secrets is *Windows Movie Maker*. It's included with every installation of XP Home and Professional. It is basic but very powerful for the price - free with Windows XP. You can download it from <www.microsoft.com/windowsxp/downloads/updates/moviemaker2.msp>.

Microsoft's Digital Video Forum is available at <www.microsoft.com/windowsxp/expertzone/newsgroups/reader.msp?dg=microsoft.public.windowsxp.video>. It's a great place to ask questions and trade ideas of digital video work.

Want an inexpensive way to get started and don't want the hassle of trial software that draws you in? Get the freeware *IrfanView* at <www.irfanview.com/> and enjoy!

ZERO BEAT

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 54 Donald Street,
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ADVERTISING

Club members have one free non-commercial ad per month.

THE 15TH OF THE PRECEDING MONTH
 IS THE DEADLINE FOR SUBMITTING
 MATERIAL FOR PUBLICATION.

2005 SEMARA OFFICERS

President

Donald Manley, N1PMB

Vice President

Charles Moszczenski, KB1FRL

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Ronald Silvia, WB1HGA

Treasurer

Scott Szala, W1EV

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Marty Jordon, KA1YFV

Rob Macedo, KD1CY

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Norman Riley, W1ATI (2005)-Ch.

Andrew Reuter, WA1FNM (2006)

William Miller, Jr., K1IBR (2007)

Larry Houbre, Jr., AA1FS (2008)

Bill Vincent, W1POW (2009)

Website: <http://www.semara.org>

ZeroBeat <http://zerobeat.semara.org>

E-mail: clubinfo@semara.org

FISTS CW Club no.10555

Grid Coordinates:

FN41mo

GPS Coordinates:

Lat. N 41° 36.795'

Long. W 070° 56.590'

It seems to me ...

That some of you might think that you are being inconvenienced by publishing *Zero Beat* on the Internet. For the time being, you can have your cake and eat it too. Through the September 2005 issue, you will receive the printed version and the opportunity to access both an HTML and PDF version.

It is important that you take the time to check this out. Express yourself on the SEMARA reflector or email me directly at [<editor@semara.org>](mailto:editor@semara.org). We need to get everyone's input before the September 1 business meeting where we will discuss whether to continue this experiment or scratch it.

Meanwhile, put yourself back on the SEMARA e-mail list just so you know when the next issue is published. You will find it at

[<http://www.semara.org>](http://www.semara.org) and click on **Zerobeat**.

Say, did you take advantage of all the fun things that went on in June? Did you get a chance to be involved in Kid's Day on June 18? It doesn't take much to spread the word, does it? How about Field Day? Did you at least stop by the club and enjoy the cook out?

Lets keep up the trend and promise yourself to operate, portable if you can, and using low power with simple antennas. That will bring back the joy you experienced with your first contacts. And don't forget to send your QSL card - *the ultimate courtesy*.

If there is one thing this club knows how to do, it's eat! So, don't forget to get your Chicken BBQ tickets at the July 7 business meeting. See you July 23 at noon! Only \$5 per ticket. How can you go wrong?

A notice will be sent to all members when the new issue is posted. Let me know where you stand on our publishing ZERO BEAT on the SEMARA website instead of mailing it to you each month.

Support the **2-m YL Net on 147.000+ at 8 p.m. Tuesdays**. Talk it up. Encourage all the YLs, XYLs, and WFs to join in. They'll have a blast!

73 de Bob, K1KVV [<editor@semara.org>](mailto:editor@semara.org)

POINT TO PONDER

“Don't let yesterday take up too much of today.”

— Will Rogers

HAMMIN' AROUND

Question* G2E13 Which of the following would indicate the completion of the transmitting of a formal message when using phone?

- A. The phrase "End of message"
- B. The word "Break"
- C. The Q signal "QSL?"
- D. The Q signal "QRV"

* 2004 General (Element 3) question pool

ANS. on page 7



MEETING MINUTES

The June 2, 2005 Business Meeting was called to order at 7:00 p.m. by the President, Don Manley, N1PMB. A quorum of 35 members was present.

Secretary's Report (Ron Silvia, WB1HGA)—The meeting minutes of the previous business, as it appeared in the current issue of Zero Beat, was accepted.

Treasurer's report (Scott Szala, W1EV)—was accepted as read.

STANDING COMMITTEE REPORTS

Buildings and Grounds (Andy Reuter, WA1FNM)—Reminder, the boiler is shut down for the season.

Scholarship (Larry Houbre, Jr., AA1FS)—Absent.

Technical (Rick Cabral, W1RJ & Tony Duarte, N1XRS)—Nothing to report.

SPECIAL COMMITTEE REPORTS

Scholarship/Internet (Larry Houbre, Jr., AA1FS)—Absent.

Activities (Scott Szala, W1EV)—Chicken BBQ will be held July 23, at \$5 a ticket, limit of 2 tickets per member, to go on sale at 6 p.m. at the July 7 business meeting.

ARES (Rob Macedo, KD1CY & Tony Duarte, N1XRS)—Rob announced that Operation Atlas-Boston Logan Airport Drill is June 4. There will be a Hurricane Drill on June 6, 7-9 p.m.

Contests (Ron Silvia, WB1HGA)—Reports there are numerous VHF contests for June. Announced Kids Day on June 18, Field Day on June 25-26 (starting at 2 p.m. Sat., ending 5 p.m. Sun).

COMMUNICATIONS (Charles Moszczenski, KB1FRL)—Read an open letter of invitation to the BCRA Field Day to be held in the Freetown Forest.

RATIFICATIONS*—One application for life membership was received this month. Motion*—To admit to life membership to:

John Klinkhamer, KB1DC (E).

PRESIDENT'S COMMENTS (Donald Manley, N1PMB)—Expressed his thanks to Vice Presi-

dent **Chuck Moszczenski, KB1FRL**, for administering last month's meeting in his absence. He also suggests a work group be formed to shingle the north side of the clubhouse. He is also looking for volunteers to handle the hot dog machine and dispensing hot dogs. He reported that the new crimpers have not been returned, and makes an appeal for their return.



OLD BUSINESS—Bob Kelley, K1KVV, (Editor, Zero Beat) reported that it currently costs about 70¢/ member or \$225/issue to mail a printed copy to each member. This does not include the 16 man-hours spent by volunteers to fold, seal, label and mail each issue. The cost to publish Zero Beat on the Internet is free!

He will be publishing the June, July, August, and September issues of Zero Beat online in both HTML and PDF formats in addition to the normal printed version that will be mailed to all members. You can preview the online version at the test site: <http://zerobeatonline.home.comcast.net>. The availability of each issue will be announced on members@semara.org.

He will ask for a vote at the September 1, 2005, business meeting on the continued publication of the print version.

NEW BUSINESS—None.

FOR THE GOOD OF THE CLUB—Reminders:

To turn off the coffee pot, it must be unplugged at the wall.

The New England Net on EchoLink, the 6-meter Net on Wednesday night, and the YL Net starting up on June 7 at 8 p.m. on the SEMARA repeater.

Meeting adjourned at 7:35 p.m.

Submitted by Ron Silvia, WB1HGA, Secretary

** All motions accepted and passed by the members present.*

Auction (Dave Dean, K1JGV & Don Manley, N1PMB)—

Bob, N1HCW won the surprise package raffle - what was in it? - that raised \$32.

The auction duo of Dave & Don auctioned off \$152.50 worth of gear donated to the club.



CLUB NOTES

July is the month for celebrations. When you watch the fireworks try to remember what Independence Day is and the sacrifices that were and are continuing to be made to allow us to enjoy this day.

It is the time when the kids are out of school and everyone thinks "vacation." For me that means doing things I would not ordinarily do. How about you? What would be out of the ordinary for you that you would like to do? In my case, I say DO IT! How about you?

One applicant was voted a life members of the club at the June 2, 2005 business meeting:

John Klinkhamer, KB1DC (E).

Welcome to the Club!!!

All 5 applicants who took tests at the June 4, 2005 VE Session passed.

The following passed their Technician Class written exam:

Kyle I. Donohue,
Dennis M. Morris, and
Montana Yergeau.

Stanislaus J. Wojnowski,
KB1KSF passed the Element 1 code exam.

Alan T. Smallhoover, N1NXH passed the Element 1 code exam and the General Class written exam.

Congratulations for a job well done!



FOR SALE—Kenwood TS-570S - HF+6meters - manual + Kenwood hand mike - \$750

Bill, W1POW

BIRTHDAY WISH

Since May 6th 2005 is my 50th year in ham radio, I have decided to put the mike in the drawer and only operate CW from May 6, 2005 to May 6, 2006. Oh by the way, my CW speed is only 15 to 18 wpm so ya may have to slow down for me. The only exception to this will be a net I check into on 6 meters and some WSJT I will be doing soon on 2 meters.

I will be operating in the 40 and 80 meter novice bands running 25 watts, and close to the QRP freqs on 40 and 80 meters running 5 watts. Currently my 80 - 10 meter antenna is a 30 year ole Webster Band Spanner which is mounted on the back of my truck. I have a coax that runs from the truck into the house. Since I am retired, I will be trying to get on in the morning and in the evenings.

At first I'll be using my IC706mkII but hope to have my 50 year ole AT-1 and AR-2 running soon. I hope to have many enjoyable CW QSOs.

73 es bcun ya, Art, W1FJI, Tallahassee, Florida

JULY'S TECH TALK

"Kits you can build, or building your own rigs did not die with Heathkit"

This talk will be given by **WA1ZCB** and **K1KID** showing some of the gear they have built. They plan to bring the following for the talk:

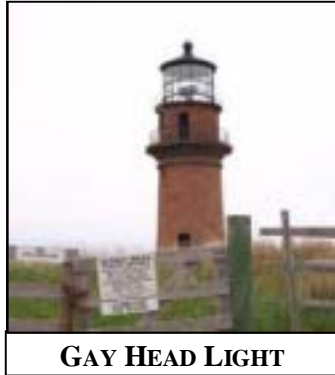
- Elecraft K2 :: CW and SSB all HF band tranceiver
- Elecraft K1 :: 4 Band CW tranceiver
- Elecraft KX1 :: ultra compact 3 band CW tranceiver
- NorCal 40 :: 40 meter CW tranceiver
- ATS-3 :: 4 band surface mount technology HF tranceiver. Fits in Altoids tin.
- RockMite :: inexpensive crystal controlled monoband HF tranceiver

Some specialized tools, vision aids and assembly tips will be discussed.

Amateur Radio Activities

GAY HEAD LIGHTHOUSE

The trip itself was like going somewhere new for the first time. New sights, sounds and sense of adventure. The ferry ride was certainly unique. The slow swaying motion and then the unmistakable bump indicated we have docked. The trip across Martha's Vineyard also seemed to take forever as the narrow winding roads brought us out to Gay Head lighthouse.



GAY HEAD LIGHT

On arrival late Thursday evening, we performed the ceremony of setting up camp, the antennas, and the radios. By nightfall, we were ready. I managed to set up a QRP station inside my tent. I was looking for and making QSO's for Lighthouse contacts. It was breezy, cool and exciting. Little did I realize the intensity of the storm that was to come. The main camper was set up for 3 stations, including VHF/UHF operation including fast scan Amateur TV. Throughout the weekend we rode out gusts of near hurricane force winds and driving rain. The New England QSO Party went on as scheduled. We did as well as expected despite some lost antennas.

Next year, I hope it's nice and warm.

72 de *Ron Silvia, WBIHGA*

(More photos at <<http://zerobeat.semara.org>>.)

QRP GROUP

Several members of the SEMARA radio club are organizing a loose assemblage of folks interested in QRP and portable operation. There will be no dues, rules or elected officers. So I guess we will be a "group" rather than a "club".

Right now we are thinking of meeting at the club late on Sunday mornings to "show and tell" our current rigs and antennas, and share ideas and experiences. Casual operation outdoors afterwards early Sunday afternoons is anticipated, weather permitting. These locations will be close to the club,

within 10 miles or less. Also, a casual get together an hour before the monthly meetings would be useful if there is enough interest.

If you don't own portable equipment, come anyway. There will be spare rigs to operate. If you don't do CW, come see a great reason to learn it. We may even have some hotdogs and/or burgers cooking!

Other areas of interest are Kit Building, home Brewing and portable antennas just let us know. You can contact Carl or me with ideas.

73 de *Carl, KIKID* <cbredberg@comcast.net>
es *Ed, WAIZCB* <wai1zcb@msn.com>

LIGHTHOUSE ACTIVATIONS

W1AA operated from the Borden Flats Lighthouse in Fall River, MA on May 14, 2005 from 1100 to 1800 UTC, operating on SSB on 40-m and 80-m. CW operation was on the half hour.

W1AA activation for Boston Harbor Lighthouse and The Graves Light June 18, 2005. QRV from the Civil War Fort Revere in Hull, MA using an IC-706MKII, 1/4 wave vertical on 20 with a Huslter 40 Meter coil on the top. Also used a Packet station with a 4 element beam and 170 W amplifier to spot W1AA on the worldwide DX packet cluster.

Band conditions could have been better but the location more than made up for that. The fort is 120 feet ASL over looking the Lighthouses and the Islands of Boston Harbor — Beautiful location!

73 de *Don, N1DT & Whitey, K1VV*

Ed.—Anyone from SEMARA work/hear them?

(Photos at <<http://zerobeat.semara.org>>.)

SCORPION PADDLE

Well, I finely got time to assemble the ScQRPion paddle this past week (May 26). The brass base, arms, posts and stops came all wrapped up in tissue. They were in good shape.

I laid out all the parts to make assembling the paddle easy.

It didn't take much sanding to make them look good.

(Continued from page 5)

Attaching the ground wire to the arms took a little more heat than I expected. After a few tries, and burnt fingers, it come out okay.

Not much to it, but it looks and work great. See the pictures.

73 de **Ed, WAIZCB**

(Photos at <<http://zerobeat.semara.org>>.)

W1GYL & LST-325

I served on that vessel in 1959 to 1960. It is still documented in the ships records LST-325. I went from Anchorage Alaska, to Cold Bay on the Aleutian Chain. Then went north across the Bearing Sea to the St. Lawrence Island. I was there for about six months then went to Nome Alaska where I was flown back to Anchorage. I have a lot of pictures on 8-mm movie film of that ship; but the film is so old that it breaks when I try to run it in a projector.

73 de **Henry, W1GYL**

(Photo at <<http://zerobeat.semara.org>>.)

MA HURRICANE DRILL - W1AEC

Monday, 6 June 2005 - 7-9 p.m. EDT

Before I left home, I put out a call on 147.000+ to try to raise W1AEC, but with no luck. At 7 pm EDT, the daily ragchew net started up with lots of check-ins. That explained why I had no luck on 2-meters. When I got to the clubhouse, I immediately noticed the lack of vehicles in the parking lot. Could they just be late getting back from dinner? Nope - no one else was coming!

So I opened the clubhouse door, and found my way to the radio room. After a little exploration, I decided to use the main operating position since I was alone. I connected the transceiver to the 80/40-m dipole and tuned to the 40-m frequency, 7.245 MHz LSB.

While there were lots of static crashes, it seemed workable. So I waited until there was a lull in activity and checked into the net control station: AA2T, Jerry, in Leominster, MA at 23:55Z (7:55 p.m. EDT).

Next I attempted to check in on 75-m on 3.943 MHz LSB. The band was extremely noisy with severe static crashes and moderate fading. I tried both the 80-m dipole and the 80-m vertical; but copy

was very difficult. While on the vertical, the QRN and QSB moderated enough for me to copy WA1R as the net control station. I couldn't get his name or location. I didn't even try to put out a call to check in since I couldn't tell if there was another station transmitting on that frequency!

I went back to 40-m. There was now some interference from a QSO on 7.244. After a while, the NCS suggested a move up 1 kHz to 7.246, which was usable. I heard Nantucket pass an NTS-formatted test message, which the NCS then forwarded via EchoLink to NWS-Taunton.

Having heard little else but check-ins, I thought that since this is a drill, I could use a little practice in passing traffic. So I decided to make up a message myself. Then I put W1AEC on the air using the stationary Log-Yagi antenna as the noise seemed to be less than on the other antennas, and I could easily copy the NCS.

Praying to the god of reciprocity, I contacted AA2T and passed my practice message:

```

100 R W1AEC 29 SOUTH DARTMOUTH 0035Z 6
JUNE
To WX1BOX NWS TAUNTON
=
THIS IS A TEST X
COVE STREET HURRICANE DOOR FAILED
X BURGER KING NOT
FLOODED
X EVERYONE SAFE HERE X
PLEASE DON'T WORRY X THIS
IS A DRILL X
=
K1KVV

```

I secured W1AEC at 8:55 p.m. 73 de **Bob, K1KVV**

SEMARA YL NET

The first Semara YL Net was a success. It was held on Tuesday June 7th at 8:00 P.M. We had three check-ins: **KB1MAG, Sharon** from Tiverton; **KB1LFZ, Joanne** from Acushnet; and **WB1ARU, Anne** from Hanover, Mass.

To get the ball rolling I asked how long that they have been hams and what their hobbies were. The net lasted about 25 minutes.

I hope to get more check-ins as the net progresses. I am very excited about this and cannot wait till the next Tuesday. All YLs are welcome.

73 de **Arlene, KB1KGG**

JULY VE SESSIONS

- 9 SEMARA Clubhouse 10:30 a.m.**
Larry Houbre, AA1FS
508-991-6055
- 9 Falmouth, MA, 9:00 a.m.**
Joanne Reid, N1LNE
508-548-1121
- 14 Providence, RI, 8:45 a.m.**
Louis Mester, W1CH
401-231-6045
- 18 Fall River, MA, 7:00 p.m.**
Skip Denault, KB1CNB
774-644-3469
- 21 Norwood, MA, 7:30 p.m.**
Richard Cantin, AA1TI
508-339-1089
- 23 W. Warwick, RI, 9:00 a.m.**
Tom Senerchia, KB1AW
401-8222592

FLEAMARKETS

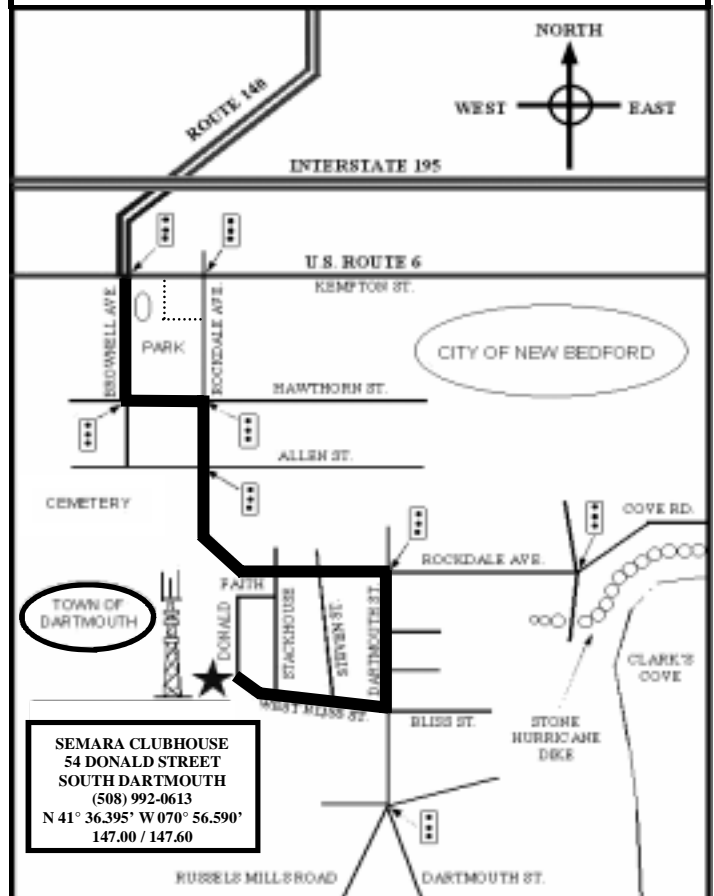
- 9 Jul Union, ME**
PBARC — Scott 207-354-6809
- 16 Jul Nashua, NH**
NE Antique RC — Marty 603-938-5051
- 17 Jul Cambridge, MA**
FLEA at MIT — Nick 617-253-3776
- 13 Aug St Albans, ME**
PARC — George 207-965-8864
- 21 Aug Cambridge, MA**
FLEA at MIT — Nick 617-253-3776
- 10 Sep Ballston Spa, NY**
SCRACES — Darlene 518-587-2385
- 10 Sep Windsor, CT** — Vintage R Museum
John 860-673-0518
- 17 Sep Alexander, ME**
SCVARC — Skip 207-454-2156
- 18 Sep Cambridge, MA**
FLEA at MIT — Nick 617-253-3776
- 18 Sep Newtown, CT**
CARA — Bill 203-798-2831
- 25 Sep Bethpage, NY**
LIMARC — Rick 516-526-6975

JULY SEMARA EVENTS

- 7—Business Meeting, 7 p.m.**
- 9—VE Session, 10:30 a.m.**
- 14—Ragchew, 6:30 p.m.**
- 21—Tech Talk – Kits you can build... 7 p.m.**
Carl, K1KID & Ed, WA1ZCB
- 23—Chicken BBQ, 12 noon**
- 28—Ragchew, 6:30 p.m.**

Ragchew at the clubhouse every Sunday at 7 - 11 a.m.

Directions to SEMARA



A. The ARRL National Traffic System has established specific procedures for passing formal written messages by Amateur Radio. The phrase "End of message" shows that all the information has been sent.

SEMARA

HandiHam Affiliate

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

LOCAL REPEATER DIRECTORY

Frequency	CTCSS	Call	Location
144			
145.150 -	123.0	WAIDGW	Fall River
145.490 -	67.0 ¹	KD1CY	Fairhaven
146.655 -	88.5	WAIGPO	Falmouth
146.685 -		N1ZIZ	Plymouth
146.700 -		K1CR	Cranston, RI
146.730 -	67.0	W1SGL	Sandwich
146.760 -		W1HQV	Scituate, RI
146.955 -	88.5	K1PBO	Dennis
147.000 + SEMARA	67.0	W1AEC	Dartmouth
147.135 +	67.0	KA1GG	Taunton
147.180 +	67.0	W1MV	Bridgewater
147.315 +	67.0 ²	KB1HJG	Plymouth
147.345 +	88.5	KB1QL	Vineyard
Node #s: ¹ IRLP-4617 & EchoLink-4611; ² IRLP-4722 & EchoLink-4721			
440			
441.400 +	100.0	WG1U	Plymouth
442.200 +	88.5	N1NRL	Fall River
442.950 +	82.5 ⁵	K1RK	Barnstable
443.450 +	88.5	K1MYL	Westport
443.500 +	141.3 ⁵	K1PBO	Dennis
443.600 +	88.5	NS1N	Norwell
443.800 +	88.5 ³	W1RJC	Dartmouth
444.200 +	118.8	N1YHS	Bourne
444.250 +	141.3 ⁵	WAIGPO	Falmouth
444.350 +	88.5	W1ACT	Fall River
444.550 +	88.5	W1MV	Bridgewater
447.025 -	77.0 ⁴	N1JBC	Johnston, RI
447.075 -	88.5	N1DZD	Kingston
Node #s: ³ IRLP-4259 & EchoLink-4259; ⁴ IRLP-5920 & EchoLink-55920			
⁵ Cape Cod Network			

SEMARA ACTIVITY DIRECTORY

--- RAGCHEW ---

Sat - 8 p.m. 28.700 MHz USB
Sun - 8 a.m. 28.700 MHz USB
Tue - 8 p.m. YL Net 147.000+
Wed - 8:30 p.m. 50.200 MHz USB
Daily - 7 p.m. 147.000+
Mon-Fri - 7:30 a.m. 3.872 MHz LSB

--- KD1CY WEATHER NET ---

Mon-Fri - 8:00 p.m. 145.490-

--- W1RJC Sunday Activities 443.800+ ---

7 p.m. - New England Net
 9 p.m. - ARRL News followed by Amateur Audio News

NEXT SEMARA VE SESSION

JULY 9, 2005
10:30 A.M. @ CLUBHOUSE
LARRY HOUBRE, JR., AA1FS
508-991-6055