



ZERO BEAT

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



Volume 43, Issue 12

SEMARA-W1AEC

December 2007

Amateur Radio EOCs

BRIDGEWATER EOC



ANTENNA FARM



HF AND VHF/UHF OPERATING POSITION



CARL AVENI, N1FY

Carl Aveni, N1FY gave me a tour of the Bridgewater EOC. The operating position shown consists an antenna tuner (bottom left), HF transceiver (lower right) with power supply (lower right), and a VHF/UHF dual receive FM transceiver (upper left). In addition, there is a tape recorder for aiding message handling, as well as a computer with internet running IRLP/EchoLink.



ACUSHNET EOC

Jerry Bergeron, W1AFD and Chris Washburn, W1EAV showed me the Acushnet EOC. Their antenna farm included a discone antenna to accommodate their scanners. On the left of the three sided console is an internet connected computer for IRLP/EchoLink, and an HF transceiver and an antenna tuner. The middle and right sides of the console holds VHF/UHF FM transceivers and scanners. A power supply hides under the desk. In addition, they have several handheld VHF/UHF FM transceivers. Other hams working on configuring the EOC are **Tony, N1XRS** and **Rob Macedo, KD1CY**.



CHRIS, W1EAV



LEFT



MIDDLE



RIGHT

THREE SIDED CORNER CONSOLE

ZERO BEAT

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2007 SEMARA OFFICERS

President

Louis Mester - W1CH

Vice President

Bob Kelley - K1KVV

Secretary

Rick Cabral - W1RJC

Treasurer

Mike McDonald - KB1NB

Board of Directors:

Marty Jordan - KA1YFV

Ed Duclos - WA1ZCB

John Carreiro - W1ZYV

Trustees: (year term is up)

Larry Houbre, Jr. - AA1FS (2008)-Ch

Mike Miller - N1ITQ (2009)

Charlie Days - WA1JFD (2010)

Tim Smith - N1TI (2011)

Ed Duclos - WA1ZCB (2012)

STANDING COMMITTEES

Building and Grounds

Mike Miller - N1ITQ

Scholarship

Larry Houbre, Jr. - AA1FS

Technical

Dave Goldstein - W1DJG

SPECIAL COMMITTEES

Activities

Scott Szala - W1EV

ARES/SKYWARN

Rob Macedo - KD1CY

New Building/Renovation

Dave Dean - K1JGV

QSL Manager

John Nery - WA1ESO

Radio Events

Bob Kelley - K1KVV

Repeater

Rick Cabral- W1RJC,

Dave Goldstein - W1DJG

Website

Tim Smith - N1TI



It seems to me ...

de **Bob - K1KVV** <editor@semara.org>

That we might have better luck reactivating Tech Talks if we held them other than in the evening. I don't know about you; but my evenings are crammed. And I'd enjoy having an excuse to get out during the day. Since some of us are still working days (not me), what do you think about having Tech Talks on Saturday afternoons, say at 2 PM?

Some of you used to do satellite work or amateur TV or other fun things as amateur radio operators. How about volunteering to do a demo as a Tech Talk. It might get your picture in the paper (newsletter)!

Of course I have an ulterior motive, perhaps some of us could also combine the Tech Talk with participation in a SEMARA radio activity like Kids Day or work some DX or you get the idea.

Most new hams are attracted by the Emergency Communication Service part of the Amateur Radio Service. Some of you have experience in traffic handling and could give a demonstration to potential hams from the local schools or other locales.

Does SEMARA have a club banner that could be displayed when we have a "public" event? When was the last time SEMARA did something like that? During warmer weather, there have been QRP expeditions to such exotic places as Fort Taber and the like. Perhaps we might even have a Field Day event that we can invite the public to look in on — or the public might even participate with an Elmer at their side. Just think of it!

Tad Cook, K7RA reported in the *ARRL Propagation Forecast Bulletin 49 (ARLP049)* about unexpected bottom-of-the-cycle propagation still cropping up. On November 21, a number of Northeast US stations reported working Central and South America on 10 meters. W1RM worked Mozambique on 12 meters and Ecuador on 10 meters.

This is one reason SEMARA has been sponsoring the Tuesday evening 10-meter net and the Wednesday evening 6-meter net — to encourage more hams to get the cobwebs out of their gears and catch some of these magic moments.

HAMMIN' AROUND

Question* T2D03 What operating privileges are allowed when you are the control operator at the station of another amateur who has a higher class license than yours?

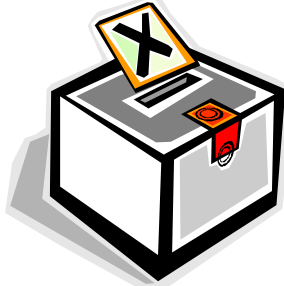
- A. Any privileges allowed by the higher class license
- B. Only the privileges allowed by your license
- C. All the emission privileges of the higher class license, but only the frequency privileges of your license
- D. All the frequency privileges of the higher class license, but only the emission privileges of your license

* 2006 Element 2 Technician Class Question Pool (good thru 2010-06-30) **Answer on page 7**



CLUB NOTES

December is the time of elections at SEMARA. If you think the job of being an Officer, Director or Trustee is hard, just look at our Constitution and Bylaws.

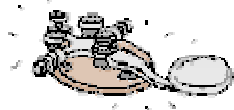


Officers have to be at the monthly meetings, but you are there anyway. They also serve on the Board of Directors.

Directors are expected to attend the four quarterly meetings or special meetings called to handle urgent business.

Trustees do sign up for five years and have to be members for five years to run for the office, but they don't have anything to do unless the membership falls below ten members. Current membership rolls show over 300 names.

There are still a vacancies for Secretary - a great way to pay attention to what is happening at the meeting - and one Director. Nominations are open until just before the election at the next business meeting on Dec. 6. How about it?!



Two people passed their written exam given at the November 3, 2007 VE session.

Congratulations to:

Kirk Kolenbrauder — KB1POT-Extra

Donald E. Eastlake IV — KB1PQE-Technician

Welcome to the hobby!

NEXT SEMARA VE SESSION

Saturday, December 1, 2007

10:30 a.m.

Contact: Larry, AA1FS

LRHguy@earthlink.net

508-991-6055



LOCAL NET ACTIVITY

Everybody, check in to these local nets!

2-m Roundtable "Camel" Net is held *every evening* at 7 p.m. on the SEMARA Repeater, **WIAEC**, 147.000+ with a PL of 67.0 Hz.

6-m USB Net is held *Wednesdays* at 8:30 p.m. on 50.200 MHz. **Bob, N1HCW** (Acushnet) is net control.

10-m USB Net is held *Tuesdays* at 8:30 p.m. on 28.490 MHz. **Bob, N1HCW** (Acushnet) is net control.

3868 kHz SEMARA Morning Net is held *weekdays* from 7:30-8 a.m. Eastern.

POINT TO PONDER

"When spider webs unite,
they can tie up a lion."

- African Proverb

SUDOKU

Here's something to keep you busy while waiting for good propagation. Solution is on page 6.

		9	4	3	2			
		2	7			1	3	
		3	1			4	9	2
	3		2	4		7	6	
9	4	1				2		
			8	1	3	9		
3				2	5		1	7
1	8			7	4			5
2	7				1		4	9



MEETING MINUTES



NOVEMBER 1, 2007

Call To Order: Louie, W1CH was absent. Vice-President **Bob, K1KVV** called the meeting to order at 7:07 PM.

Roll Call: Members Present – 29; Guests Present – 0.

Secretaries Report: (Rick, W1RJC): It was noted that the minutes appearing in ZeroBeat was September's and not October's. **Bob, K1KVV** mentioned that he will correct this.

Treasurers Report: (Mike KB1NB): As of October 31, 2007 our balance totals \$61,682. Property taxes were paid totaling \$734 and a donation of \$100 was made to the club from **Mark Perkins**. To date, \$48,904.44 is due for the oil spill cleanup. This does not include the \$10,000 that the insurance will cover. A certified letter was sent to **Alan M. Costello, KB1EAG** of NETCOM a few months back indicating that the general condition of the site is unsatisfactory and addressed the late payment issue. Al replied to the club addressing all of the issues in question. A check from NETCOM was also received covering all delinquent balances including the payment for the November. Al also mentioned that Verizon Wireless would be soon going on the tower. Once this is completed, he will look into having the fence around the tower site reconstructed. A lengthy non-disturbance agreement was received from Verizon.

Henry, W1GYL moved to refer the agreement to a lawyer for review before signing. The *motion passed unanimously*. **Tim N1TI** now has key FOBs if anyone needs them. Please remember to turn in the old cards. A **motion** was made by **John, W1ZYV** to refer the Treasurer's Report to audit. The *motion passed unanimously*.

Standing Committee Reports

Technical (Dave, W1DJG): Outside cameras have been put in. Currently both cams are being relayed from Tim's home Internet connection. It was noted to please not move the cameras. They are adjusted for optimum performance. An APRS telemetry unit has been installed inside the club so that we can now check club temperature via the Internet. The battery install is complete and a UPS units is now functional in the club. It was noted that the microphone PTT on the repeater remote radio is worn out and you must hold it very tightly.

Tim, N1TI reports that a trial APRS system on 144.390 has been installed at the repeater site. It has been overwhelmingly received by the APRS community. Tim will continue to make investments on the system. 147.000's old duplexers will be retuned to reject 147.000 and accept 144.390 to allow the APRS system to be de-sense free. It was also noted that the APRS system runs on the tri-band 2m/222/440 antenna that also acts as the repeater backup antenna. If there was to be a problem with the repeater antenna, the APRS system would go down and the repeater would switch onto that antenna.

Rick W1RJC reported that new voiceovers by Greg Jenson of WBZ will be acquired soon through Dave. Once we have them, voice IDs, upcoming events and top of hour announcements will be added to repeater once again. Also soon, the single "boop" courtesy tone will let you know that the IRLP & EchoLink node is idle, and our traditional 3-tone musical "stardust" courtesy tone will let you know that the node is connected. We will be installing a 2nd computer at the repeater site to remotely control and upload voice messages to the repeater, as well as stream the repeater audio live eventually. Lastly, we have a long term goal to install a 16 channel Motorola 440 remote base radio on the repeater so that we may link to MMRA for the monthly ARES net and to other systems for the enjoyment of SEMARA members.

Buildings & Grounds (Mike, N1ITQ): The dead bolt on the repeater site door was revisited. It was also noted that we have a standing motion to put a dead bolt on the door. A round of applause was given for **Jim Gilbert** (no call) for doing a great job at keeping the club clean.

Scholarship (Larry AA1FS [absent]) No report.

Special Committee Reports

Activities (Scott, W1EV): Scott expressed an interest in holding a Clambake on December 8th. It will be \$20 per ticket and the entire amount will go to the person who puts on the event. We will need to sell at least 50 tickets to cover the costs. It will help the club as well by burning the old wood remains of the hut.

ARES & SKYWARN (Rob, KD1CY [absent]): **Rick, W1RJC** reports that the Eastern Massachusetts ARES net is held on the first Monday of each month. The next net will be on Monday, November 5, 2007 on the MMRA repeater network; locally on the 145.490 Fairhaven repeater. December 1 will be SKYWARN recognition day.

Renovation (Dave, K1JGV): The entrance to the building will be reversed so that it opens outward tomorrow as long as it does not rain. The transfer box is next to be installed. A report from Dave has been posted on the bulletin board. The FOB key card system should be left in tact will not be affected.

QSL Manager (John, WA1ESO [absent]) No report.

Repeater (Rick, W1RJC): See the Technical Committee report.

Web Site (Tim N1TI): If anyone has any old *Zero Beats* to please pass them along. He is working on putting up a full archive of all past *Zero Beat* issues.

Radio Events (Bob, K1KVV): The membership was polled for what they are interested in so that we can narrow in on the interests of the membership.

Communications

None

(Continued on page 5)

SEMARA NEWS

(Minutes: Continued from page 4)

Ratification of New Members

Two applications for membership; **Sharon Goldstein** (no call) and **Bonnie Breault** (recently passed Technician exam). James R. Gilbert (no call) moved to accept them as members. The motion passed unanimously.

President's Comments

None

Old Business

None

New Business

Armand, W1BUG moved to read the correct minutes of the October meeting next month and to vote on its acceptance then. The motion passed unanimously.

Henry, K1WCC reports that the 9th Annual FARA FEST is on November 10, 2007 from 9am to 12pm at the Upper Cape Regional Vocational Technical High School on Sandwich Road in Bourne, MA. Talk-in on the 146.655.

Board Of Directors Meeting Minutes

Bob, K1KVV read the meeting minutes (please see document "SEMARA October Board of Directors Meeting Minutes" in October issue of *Zero Beat*)

For the Good of the Club

John, W1ZYV moved to institute an annual maintenance fee on for membership with SEMARA. **Bob, K1KVV** recommended holding off on the motion for now until an annual figure is determined. An open discussion was had amongst the membership regarding maintenance fees and reinstating dues. A fair amount of members present was in favor of an assessment fee; however no motions were made at this time. There was no second to the motion.

2008 Nominations:

The Nominations Committee nominated the following individuals for the 2008 election to be held at the December business meeting –

President – **Louie, W1CH**

Vice President – **Bob, K1KVV**

Secretary – (open)

Treasurer – **Mike, KB1NB**

Board of Directors (3) – **Ed, WA1ZCB, John, W1ZYV, Dave, K1JGV**

Trustee (2012)– **Chris, K1CJS.**

Adjournment:

Chris, W1EAV moved to adjourn passed unanimously at 8:40 PM.

Respectfully submitted,

Richard J. Cabral, W1RJC, Secretary

SKYWARN RECOGNITION DAY

HANDIHAM WORLD WEEKLY E-LETTER FOR THE WEEK OF 28 NOVEMBER 2007

It's this Saturday! SKYWARN Recognition Day on Saturday, December 1.

ARRL is reporting that the Ninth Annual SKYWARN Recognition Day will recognize Amateur Radio operators for their commitment to help keep communities safe. Co-sponsored by the ARRL and the National Weather Service (NWS), the event is scheduled for Saturday, December 1. During this 24 hour special event, Amateur Radio operators, working together with their local NWS offices, will activate Amateur Radio stations and work as a team to contact other hams across the world.

Find out more at: <http://www.arrrl.org>

An additional resource is the National Weather Service Ham Radio page:

<http://www.crh.noaa.gov/hamradio/index.php>.



MOBILE FM SATELLITE

Work Amateur Radio satellites from your Mobile FM rig. There are 7 satellites you can work from your mobile FM rig, including PCSAT-1 which is expected to fully recover and last for a few weeks. So now is the time to get going with live satellite contacts via these easy FM satellites.

DOWNLINK SATELLITE

145.825 ISS APRS digipeater

145.825 PCSAT-1 (recovery expected 3 Nov)

145.825 ANDE-1 (re-entry expected in Dec)

435.225 GO-32 +/- 10 KHz and 9600 baud

435.300 AO-51 *FM Voice* +/- 10 KHz

436.795 SO-50 *FM Voice* +/- 10 KHz

436.795 AO-27 *FM Voice* +/- 10 KHz

As you can see, there will be over 40 passes per day with 18 for the 1200 baud satellites, 6 per day for the 9600 baud GO32 and 18 for the voice birds. All 1200 baud pass times are between about 6 AM to 1800 local sun time in the Northern Hemisphere.

GO-32 and AO-51 voice birds are in the morning and evening, AO-27 is in the afternoon. It is trivial to

(Continued on page 6)

More Amateur News

(Mobile FM Satellite: continued from page 5)

know when to operate these birds WITHOUT A PC.
See the manual-tracking page:

<http://www.ew.usna.edu/~bruninga/MobileLEOtracking.html>

The packet path on 145.825 is VIA ARISS for all three satellites. The path for GO-32 is VIA 4XTECH and uses two different uplinks:

145.85 for APRS software and messages.

145.93 for all Mic-E, D7 and D700 radios.

That's more than one pass per hour on 145.825.
Lots of contact potential from your mobile...

For APRS birds:

<http://www.ew.usna.edu/~bruninga/pcsat.html>

<http://www.ew.usna.edu/~bruninga/iss-faq.html>

<http://www.ew.usna.edu/~bruninga/and-ops.html>

<http://www.ew.usna.edu/~bruninga/GO32-ops.html>

For AMSAT birds:

<http://www.amsat.org/amsat-new/satellites/status.php>

For many of these satellites, you don't even need a tracking program. Just a slip of paper on the dashboard. See: <http://www.ew.usna.edu/~bruninga/MobileLEOtracking.html>

The best antenna is a 19.5" whip in the center of your roof. 5 dBi gain on the 2m uplink and almost 8 dBi gain for the very weak UHF downlink (above 25 degrees).

9	4	6	1	8	3	5	7	2
5	2	3	4	7	6	9	8	1
7	1	8	5	2	6	4	9	3
4	5	9	3	1	8	7	2	6
3	8	2	7	6	5	1	4	9
1	6	7	9	4	2	8	3	5
2	6	4	8	5	1	3	9	7
8	3	1	6	9	7	2	5	4
6	7	5	2	3	4	9	1	8

THE 4 "I"'S

ARRL CLUB NEWSLETTER - NOVEMBER 10, 2007

To attract new hams remember the 4 "I"'s:

Invite

- Invite everyone, the new hams and those who have not yet received their CSCE, to attend the next club meeting where the program will be based on things that the new ham will need to know.
- Invitations should be in the form of hard copy with day, date and time. Hand an invitation to each student personally at the end of the class or mail the invitations to everyone that attended the class. A big shout out to come to the next meeting lacks sincerity.

Inform

- Provide a packet of information that has contact information for people who can help the new ham get on the air.
- It's also a good idea to provide club information as well as some operating aids like a list of local repeaters and how to access them.

Inspire

- Congratulate your new hams and remind them that they have just completed the first step toward a life long journey of learning and fun.
- Encourage those who were not successful this time around to keep trying because the reward is worth the effort.

Involve

- Welcome new members to your club and to the world of Amateur radio.
- Encourage the new hams to participate in club functions and on the air activities. Make sure that they know they are welcome to join the next on the air net, fox hunt or other club activity.

LAT/LONG :: GRID LOCATOR

CONTESTER'S RATE SHEET - 28 NOV 2007

Larry, F6FVY has written a very nice on-line coordinate finder that uses the Google maps interface. Click anywhere on the map to see lat/long and 6-character grid locator. Or enter the grid locator (2-, 4-, or 6-character) and go directly to a display of the appropriate map! See <http://f6fvy.free.fr/gthLocator/fullScreen.php>.

DEC VE SESSIONS

Walk-ins permitted unless otherwise noted.

<http://www.arrl.org/arrlvec/examsearch.phtml>

SEMARA Clubhouse — 10:30AM 1 Dec

Larry Houbre-AA1FS
LRHguy@earthlink.net
 508-991-6055

Braintree, MA — 8:45AM none

William Needham-K1WN
K1WN@aol.com
 781-843-4000

Canton, MA — 7:30PM 13 Dec

Lou Harris-N1UEC
N1UEC@Norwood-ARC.org
 508-668-0858

Cranston, RI — 9:00AM none

Ken Carr-KB1AWV
KB1AWV@arrl.net
 401-828-1665

Fall River, MA — 7:00PM 17 Dec

Skip Denault-KB1CNB
skip@NewTestamentSchool.org
 774-644-3469

Falmouth, MA — 9:00AM 8 Dec

Ben Fleck-W2LYE
BenFleck@cape.com
 508-540-2583

Middletown, RI — 9:00AM 8 Dec

Jack Garforth-K1IG
K1IG@verizon.net
 401-683-2250

Providence, RI — 7:00PM 13 Dec

Lou Mester-W1CH
W1CH@cox.net
 401-263-6045

Slatersville, RI — 9:00AM 29 Dec

Robert Jones-WB1P
WB1P@arrl.net
 401-333-4787

B. Only the privileges allowed by your license

NE FLEA MARKETS

<http://www.arrl.org/hamfests.html>

None scheduled for December

Enjoy your Xmas parties

SOME DEC CONTESTS

<http://www.arrl.org/contests/>

W1AW Qualifying Runs are 10 PM EST Friday, December 7 (0300Z December 8), and 9 AM EST (1400Z) Tuesday, December 18. Code speeds are from 10-35 WPM.

ARRL 160 Meter Contest - CW, from 2200Z Nov 30-1600Z Dec 2. See www.arrl.org/contests.

Bruce Kelley Memorial 1929 QSO Party - CW, 2300Z Dec 1-2300Z Dec 2 and 2300Z Dec 8-2300Z Dec 9. Frequencies (Mcs): 3.550-3.850 and 7.030-7.050. 10 watts plate input power max (20 watts after 0500Z). See www.antiquewireless.org.

ARRL 10 Meter Contest - 0000Z Dec 8-2400Z Dec 9. See www.arrl.org/contests.

PSK31 Death Match - PSK31 and PSK63, 0000Z Dec 15-2400Z Dec 16. Frequencies: 80-6 meters, PSK31 and PSK63 count as separate "bands." See www.mdxa1.org/deathmatch.html.

Lighthouse Christmas Lights QSO Party - all modes, 0001Z Dec 15-2359Z Dec 31. Frequencies (MHz): CW - 1.830, 3.530, 7.030, 14.030, 21.030, 28.030, SSB - 1.970, 3.970, 7.270, 14.270, 21.370, 28.370, plus VHF and repeaters. See arlhs.com.

RAC Winter Contest - CW/Phone, 0000Z-2359Z Dec 29. Bands: 160-2 meters See www.rac.ca/service/infocont.htm.

ARRL Straight Key Night - from 0000Z-2359Z Jan 1, 2008. See www.arrl.org/contests.

Worked All Britain Christmas Party - CW/SSB/Digital, from 0000Z Dec 26-2359 Jan 6, 2008. Frequencies: 160 meters-microwave. See www.worked-all-britain.co.uk/Christmas%20Party%20Award.php.

SEMARA HandiHam Affiliate

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

LOCAL REPEATER DIRECTORY

See <http://www.semara.org/repeaters.htm>

Frequency	CTCSS	Call	Location
144			
145.110 -	67.0	KB1BWN	New Bedford
145.130 -	151.4	WF1A	W Greenwich, RI
145.150 -	123.0	WA1DGW	Fall River
145.450 -	100.0	W1SYE	Portsmouth, RI
145.490 -	67.0 ¹	W1SMA	Fairhaven
146.655 -	88.5	WA1GPO	Falmouth
146.685 -		N1ZIZ	Plymouth
146.700 -		K1CR	Cranston, RI
146.730 -	67.0	W1SGL	Sandwich
146.760 -		W1HQV	Scituate, RI
146.805 -	67.0	NN1D	Fall River
146.835 -	192.8	WA1QCA	Johnston, RI
146.880 -	100.0	WC1R	Newport, RI
146.940 -		K1KYI	Lincoln, RI
146.955 -	88.5	K1PBO	Dennis
147.000+ SEMARA	67.0*	W1AEC	Dartmouth
147.045+	141.3	W1HDN	W Warwick, RI
147.120+	173.8	K1WEW	Portsmouth, RI
147.135+	67.0	KA1GG	Taunton
147.165+	67.0	WA1HAH	Exeter, RI
147.180+	67.0	W1MV	Bridgewater
147.195+	127.3	K1SMH	Attleboro
147.315+	67.0	WG1U	Plymouth
147.330+	131.8 ²	W1AQ	E. Prov., RI
147.345+	88.5	KB1QL	W Tisbury

* IRLP-4347 & E-Link-44347

¹IRLP-4617 & E-Link-4611; ²173.8 required to use IRLP-4907

222			
223.760 -		K1KYI	Scituate, RI
223.780 -	88.5	N1PYN	Brockton
223.820 -	67.0	N1JBC	Newport, RI
223.900 -		KA1ABI	Coventry, RI
223.920 -		KA1LMX	Warwick, RI
223.960 -	127.3	KA1RCI	Johnston, RI
223.980 -		W1OP	Johnston, RI
224.040 -	67.0	KA1RCI	Lincoln, RI
224.060 -	103.5	N1ZZN	Norwell
224.200 -	100.0	KA1MYV	Lincoln, RI
224.320 -	118.8	W1ZSA	Walpole
224.400 -	103.5	N1KUG	Quincy
224.560 -	100.0	KA1NXS	Exeter, RI
224.620 -	88.5	N1TVZ	Attleboro
224.660 -		W1KG	Medway
224.760 -		KA1SOO	W Warwick, RI
224.920 -	67.0	N1JBC	N. Prov., RI
224.960 -	88.5	W1VET	Warwick, RI

440

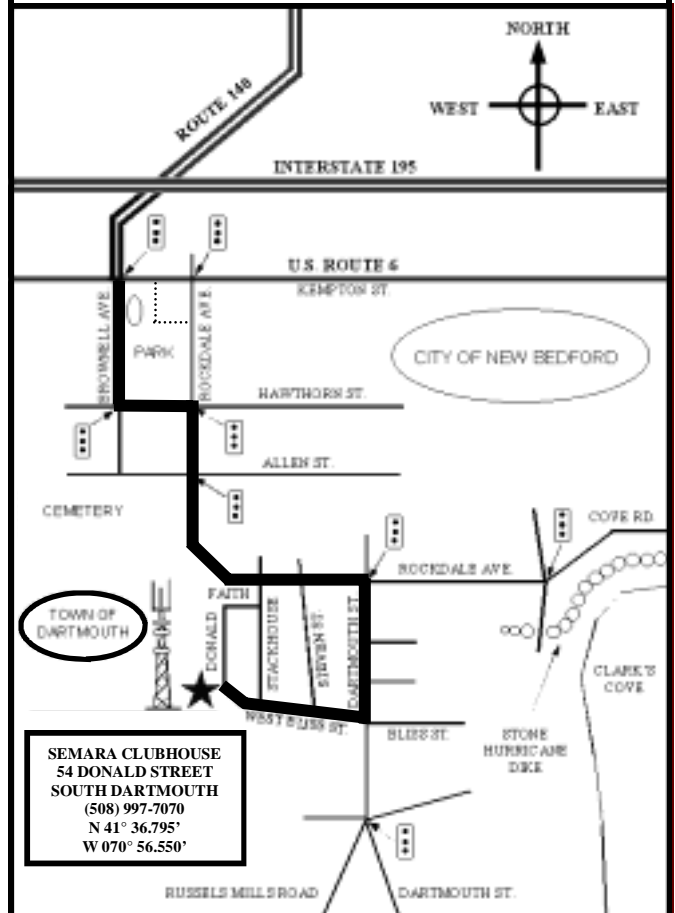
Check <http://www.nerepeaters.com/se.htm#440>

FISTS CW no.10555

Grid Coordinates: **FN41mo**

GPS Coordinates:
Lat. N 41° 36.795' Long. W 070° 56.550'

Directions to SEMARA



BUSINESS MEETING: 7 PM FIRST THURSDAYS
RAGCHEW AT THE CLUBHOUSE: 7-11 AM SUN

— **MOST-OF-THE-TIME ACITIVITIES** —

EARLY BIRD BREAKFAST: 6 AM TU & TH

West End Grill

1000 Rockdale Avenue, New Bedford

CLUB COFFEE MEET: 1 PM WEEKDAYS

Boston Coffee & Bagel

122 Allen Street (corner of Dartmouth Street)

New Bedford

LUNCHEON: 11:30 AM FRIDAYS

Meet at the clubhouse at 11:15 AM to decide which local restaurant is to have the honor of our presence that week