



ZERO BEAT

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



Since 1932

Volume 45 Issue 4

SEMARA-W1AEC

April 2009

Minot's Ledge Light



W1AA ACTIVATION OF MINOT'S LEDGE LIGHT—MARCH 21, 2009

We arrived there a bit after 7:00 AM and set up the 33 ft vertical and the generator. The location is at a town beach and a town permit is required after May 30th so any activations have to be during the colder months. It was COLD with a 25 mph wind out of the north right off the water.

We started out on 75 phone because this is where we could get some propagation. When we tuned to 3996.0 kHz, AA1VX was already calling us there!

WHAT'S INSIDE

- | | |
|--|---|
| <ul style="list-style-type: none"> 2. It seems to me...
Point to Ponder
Hammin' Around 3. Club Notes
VE Results
New Member
SUDOKU
Next VE Session
Local Nets
Club Details
New YL Net
Every Member Assessment 4. Meeting Minutes
April 2, 2009 5. SEMARA News
Leo J Jodoin,
WA1TNB (SK) | <ul style="list-style-type: none"> CITN Traffic Net
Porcupine
Members' S-Links
Grading Project 6. More SEMARA News
(front page & minutes continued) 7. VE Sessions List
Some Contests
Coming Fleas & Fests
All- & Most-of-the-Time Activities 8. Local Repeaters List
144, 222, 440, 902
Answers:
Hammin' Around
Sudoku |
|--|---|

His was followed by several more ARLS members: KA3UNQ, VE2QLH, KD3CQ, N9GWO. We ran the band dry after 15 QSOs, which is a bit more than we normally have on 75.

We then went to 40 phone; but only made two QSOs. The band was very noisy. So we went to 20 phone; only two QSOs there also. 20m was very noisy and I was having problems with the tuner: unstable and difficult to tune to an acceptable SWR. This problem plagued us until almost noon time. I thought we may have a short in the coax, so we changed the short sections between the IC-7000 and the tuner and between the tuner and the antenna. We always bring spare sections of coax, to defeat Murphy, but Murphy works in mysterious ways. We still had the problem.

Finally at almost noon we bypassed the tuner and ran the coax directly from the 7000 to the antenna. We had to use the Hustler antennas for 40 and 20 as the 7000 could not tune into the 33 ft vertical wire. It was the TUNER! I had this same problem about a year ago and it was the contacts on the rotary switch. This problem can develop if the rotary switch is rotated while transmitting.

We always set up the complete station in the truck a day or two before we go out, make a QSO or two on each band, and I did this time, I should have noticed that I did have some problems getting the tuner to work as it had in the past.

We have a preset check sheet of the tuner controls that we can refer to when changing bands so we can quickly tune up. The presets did not seem to work as well. I should have known that Murphy was at work in the tuner. When something seems not quite right, it usually is NOT quite right. I am sure that we could have had another 20 or 30 QSOs in the log

(Continued on page 6)

ZERO BEAT

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54 Donald Street,
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EDITOR Bob Kelley - K1KVV
E-mail: editor@semara.org

SEMARA: <http://www.semara.org>
E-mail: clubinfo@semara.org

2009 SEMARA OFFICERS

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Vice President
Bob Kelley - K1KVV
Secretary
Marcel Dumont - W1MLD
Treasurer
Mike McDonald - KB1NB

Directors:

Dave Dean - K1JGV
Dave Goldstein - W1DJG
Dick Halliwell - K1AHA

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Mike Miller - N1ITQ (2009)-Chair
Charlie Days - WA1JFD (2010)
Tim Smith - N1TI (2011)
Henry Blanchett - W1GYL (2012)
John Walsh, WA1LSH (2013)

STANDING COMMITTEES

Building and Grounds
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Marty Jordan - KA1YFV
Scholarship
Larry Houbre, Jr. - AA1FS
Technical
Dave Goldstein - W1DJG

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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 some well meaning hams got to the FCC. As was said in ARRL Bulletin 18, March 24, 2009, "according to Part 97, Section 3(a)(39), a repeater in the amateur service is [a]n amateur station that simultaneously retransmits the transmission of another amateur station on a different channel or channels. On March 23, 2009, the Commission clarified that even if there is a slight delay between what is received and what it transmits, it is considered simultaneous if the receiver and transmitter are both active at the same time." It seems that it was necessary to clarify what a repeater was to get new digital repeaters back into the coordination fold, that is, to conform to the repeater-coordinated sub-bands. Ain't this new technology wonderful!

Dave-K1JGV reported that sometimes things get heated at the Sunday morning ragchew. On March 29th last, they were blessed with the best doggone chili in the world, prepared by Bob-N1VUG. The chili is not super hot, but has the most robust taste of any chili Dave has ever had. Others can speak for that as well. We don't know what his secret is, but it must be patented. Good work Bob-N1VUG. See why you just have to come on down!

Has anyone tried 80m QRP packet on 3595.50 kHz? Cory Golob-N1URA is using an NVIS antenna. His mailbox is N1URA-1, set at 300 baud packet. Leave him a message or email observations to n1ura@arrrl.net.

Anyone interested in the *Global Simulated Emergency Test* (GlobalSET)? This event, is sponsored by IARU Region 1 and coincides with World Amateur Radio Day on April 18th at 1100-1500 UTC. The theme for the day is "Amateur Radio: Your Resource in Disaster and Emergency Communication." The exercise will focus on generating and relaying messages in a common format *across country borders*. For more information, including a list of frequencies for Regions 1, 2 and 3, please see the 2009GlobalSET announcement at <http://www2.arrrl.org/news/files/2009GlobalSET.pdf>.

The Essex County SKYWARN class is on Tuesday April 14th, 6-9 PM at Salem State College, North Campus, Meier Hall, Room 303, 358 Lafayette Street, Salem, MA 01970. Don't miss out on this training!

POINT TO PONDER

"Find something you love to do,
then live a life that shows it."

~Anonymous

HAMMIN' AROUND

Question* G1B03 Which of the following is a purpose of a beacon station as identified in the FCC Rules?

- Observation of propagation and reception, or other related activities
- Automatic Identification of Repeaters
- Transmission of bulletins of General interest to amateur radio licensees
- Identifying Net Frequencies

Club Notes

VE SESSION RESULTS

There was one applicant who passed the Technician exam on April 4, 2009:

Jose Casimiro, KB1SDY.

Congratulations and welcome to Amateur Radio!



NEW MEMBER

At the April 2, 2009 Business Meeting, one new member was admitted:

Ed Caron, KA1RSY.

Here's a challenging Sudoku puzzle to attack while waiting for the band to open. Letters used: **B, D, F, I, L, N, O, T, and U.** The main diagonal spells a 9-letter word. **Solution is on page 8.**

	T		D	O		L		
					B		T	
		U				O		B
					L	B		U
	N			T			O	
U		D	O					
I		N				F		
	B		F					
		O		I	T		D	

SEMARA 900 MHZ FREQ. PAIR

927.8375 MHz (repeater output)

902.8375 MHz (repeater input)

Details about the new repeater coming soon.

NEXT SEMARA VE SESSION

June 6, 2009—Clubhouse @ 10:30 AM
 Contact: Larry Houbre-AA1FS
LRHguy@earthlink.net
 508-991-6055

LOCAL NETS

Everyone is welcome to check in!

147.000+ (PL 67.0 Hz) (FM) — Roundtable “Camel” Net is held *every evening* at 7 p.m. on the SEMARA Repeater, **W1AEC**.

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

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

3862 kHz (LSB) — SEMARA Morning Net is held *weekdays* from 7:30-8 a.m. ET

3545± kHz CW — SEMARA CW Net meets every Monday at 8:00 p.m. **Don, WA1BXY** is net control.

CLUB DETAILS

GPS Coordinates:

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

Maidenhead Grid Coordinates: **FN41mo**

— o —

For FISTS Sprints: FISTS #10555

NEW YL NET

The YL Net meets every Monday evening at 7:00 p.m. on the N1JBC repeater, 145.370- pl 67. It will be run by **Debbie, W1GKE** and **Crissy, W1DJF**.

OMs can only listen.

EVERY MEMBER ASSESSMENT

A \$10 assessment was collected during the first quarter of 2009, beginning with the January business meeting.

Members were notified via email using the SEMARA announcement email list. All others were notified via first-class US mail at the address on the FCC database.

The Vice-President served as the collector for this assessment. Cash is accepted only when the Treasurer is in attendance.

Business Meeting Minutes



APRIL 2, 2009

Club President, **Louis (W1CH)** called the meeting to order at 7:00 PM with the salute to the Flag. Roll was called with 23 members and 1 guest present. A moment of silence was held for **Leo J. Jodoin WA1TNB (SK)** who past away this past week.

SECRETARY'S REPORT—The treasurer **Mike (KB1NB)** declared that he had given the incorrect treasury total and that it should have been \$10,822.79 instead of \$12,725. A motion was then made and seconded to accept the Secretary's Report as printed in the *ZERO BEAT* with correction. This motion was vote unanimously.

TREASURER'S REPORT—**Mike (KB1NB)** reported that the balance total was \$12,370.10. All expenses totaled \$2,793.47. A motion was made and seconded to refer the report to audit.

REPORTS OF COMMITTEE'S

Building's and Ground's—**Dave (K1JGV)** reported that the outside project should begin in a month or so. The handicap ramp should be considered as part of the project. Dave also asked for help on some parts of the project.

Technical committee—**Dave (W1DJG)** Reported that he has located a 900 MHZ repeater and will acquire it soon. It will be in the \$600.00 range and includes a new antenna. He will pay for it and will then solicit the donations from members as agreed upon several months ago at a monthly meeting.

The 2 meter repeater is running fine.

A CW filter was added to the Kenwood 900 radio and is working well.

Tim (N1TI) reported that the original camera's will be back online shortly as soon as the server is completed.

The committee has no other information on the tuner that was brought up last month.

The Auto Patch will be worked on and placed in service soon.

ARES/SKYWATCH—**Rob (KD1CY)** reported that he is trying to get more people to participate in both ARES and SKYWATCH. Anyone interested should contact Rob.

Rob (KD1CY) has appointed **Ed Caron**

(KA1RSY) to ARES EC. Ed was then introduced to the members as he was present for the meeting.

The last weekend of June 27-28, is the weekend long Field Day. It will begin at the Acushnet EMA on Saturday and possibly end up at SEMARA on Sunday. Rob asked for members to participate in parts of the weekend activities.

The weekly ARES Net will begin the week of April 6.

There will be several SKYWARN classes coming up in the near future. Check dates in the SKY-WARN emails.

RADIO EVENTS—**Bob (K1KVV)** reported that a list of events is available in the *ZERO BEAT* and also check *QST* and *CQ* and *World Radio* magazines.

WEBSITE—**Tim (N1TI)** reported that the website is coming along well and he is still working on the background. He suggested that if anyone wants to put information on the site to notify him and it will be put on immediately. There have been many hits to the site and many are from the Cape and Plymouth County.

COMMUNICATIONS—There were no letters or communications received this month. A number of checks received for the every member assessment.

The Club received one application for membership from **Ed Caron (KA1RSY)** with the \$20.00 for initiation fee. A motion was made and seconded to accept the application and Ed Caron as a member. The motion was voted unanimously.

OLD BUSINESS—**Bob (K1KVV)** discussed the assessment and the fact that all members are not yet in the database. It is outdated and should be updated. With that being said he suggested that we should have a Gentleman's Agreement to hold off on the members in arrears. This was agreed upon by the members present.

NEW BUSINESS—**John Nery (WA1ESO)** purchased the CW Filter at a cost of \$95.00. A motion was made and seconded to pay that amount to John; voted unanimously.

Soda was purchased for the Club by **Chris (W1EAV)** for \$20.00. Motion made and seconded and voted unanimously to pay Chris.

(Continued on page 6)

SEMARA News

LEO J. JODOIN, WA1TNB, SK

Leo J. Jodoin, 96, of New Bedford and formerly of Dartmouth, passed away on Saturday, March 28, 2009, at the New Bedford Jewish Convalescent Home, after a long illness. He was the widower of Doris A. (Mailhot) Jodoin. He was born in New Bedford and had resided in Dartmouth for 25 years prior to returning to New Bedford 2 years ago.



He was a US Navy Veteran during WW II and the Korean Conflict and retired after 20 years as a Chief Petty Officer. Leo served aboard the USS Colorado and Hancock. He was formerly employed as a Foreman for Chamberlain Mfg. until his retirement.

He is survived by two sons, Richard and Dennis Jodoin; five grandchildren; five great-grandchildren; two step grandchildren and five step great-grandchildren; several nieces and nephews. Our thoughts go out to his family at this time of loss.

Leo passed his Novice at SEMARA in 1973 and became a member of SEMARA in 1974.

May he rest in peace.

PORCUPINE

In addition to the other stuff I have sent you, a bit of humor is circulating around the club about my Porcupinemobile. I don't think four antennae is all that bad.

Let me see now: the AM/FM truck radio antenna; my ATAS automatic tune antenna for the 857D (HF); the 5/8 λ whip for the 857D (2 meters); and the 1/4 λ whip for the soon-to-be-installed APRS beacon. I suppose when I add another whip for 80 and 160 meters for the 857D, then it will look more obtrusive.

Word has it that Marty who likes to fish, is designing a fishing pole antenna so that he can surf cast and monitor the airwaves with the same device.

Sounds like an idea whose time has come.

73, de Dave-KIJGV



MEMBERS' S-LINKS

Frequency	CTCSS	Call/IRLP/E-link	Location
147.520	s	— K1JGV-L/- /277143	N Dartmouth
147.540	s67.0	W1EAV-L/4568/45688	Marion

CITN TRAFFIC NET ON 147.375 REPEATER

The Cape and Islands Traffic Net is on the new 147.375 Falmouth repeater with a PL of 110.9 Hz weeknights at 7:30 pm.

Net Control is usually either me-N1WCO, Mike-N2JWW, or John-N1UMJ.

The net needs more check-ins and possibly a few more net controls.

If anyone is interested in checking in to the net, please feel free to do so. If anyone wishes to take over as a net control, contact Mike-N2JWW at n2jww@arrl.net.

73 de Eric Pierce_N1WCO

GRADING PROJECT

Prep work — seeking some limited additional help from able-bodied individuals.

1. proper burying and marking of the inspection wells with a map sketch
2. permanent covering of heating duct area
3. relocation of trash shed (in front of area above)
4. small retaining wall where trash shed was
5. make stops to prevent hitting handicap signs
6. raising emergency battery box one set of blocks
7. relocation of private property sign
8. marking of intended project details, manhole covers, etc.

73 de Dave-KIJGV, Building /Renovations

More SEMARA News

(W1AA Activation continued from page 1)

if we had not had this problem. We did not work any CW.

	QSOs
75 phone	15
40 phone	22
20 phone	17
Total	54

Four DX stations were worked on 20 phone: 2 in Poland and 2 in Spain.

If you did not see us spot ourselves until almost noon this is why. We brought a WIFI antenna and amp to connect to the internet so we can spot ourselves on the DX Summit so the members and others can find us. We could not make a connection from this location until about noon time. You need a spot if you are going to work CW because there are few members who work CW. Without a spot it is more like CW sending practice (HI). You can never be spotted enough when you are activating a light.

This beach area is a popular spot for town residents to walk, jog, bring the dogs to run, etc. We had a number of people stop and ask what we were doing. They could not believe that we had contacted Europe. We passed out a paper with the Minot's Ledge history, ARLHS business cards with the ARLHS URL, so they could look it up on the net, and some Cape Cod Crusader DVDS. We do this at all the lights we activate and the public seems quite interested. We also had some local hams stop by-W1QWT, K1RV, KBITOM, and a new ham KB1PVC. We bring a 2 meter HT with us so if any visiting hams wants a QSO and QSL card we can oblige them.

Henry and I quit about 2:15 PM local time. This is still fun after 69 activations. Henry and I will activate more lights in the future. We have a few that like Minot's Ledge have not been activated before. Stay tuned. We plan to make 100 activations some day.

Keep the Flame,

Henry K1WCC #547, Whitey K1VV /W1AA #957

(Meeting Minutes continued from page 4)

Tim (N1TI) spoke about the zoom camera he had purchased for \$150.00. Does the Club want to buy it? There was a motion and seconded to purchase and it was voted unanimously.

GOOD OF THE CLUB—Tim (N1TI) spoke about installing a scanner for the members to listen to on computer. It would have a thirty day archive for reference. There was discussion and the members were in favor.

Tim also asked members for help in updating the membership database. **Armand (W1BUG)** and **Bob (K1KVV)** volunteered.

Dave (W1DJG) announced that member **Ben Jackson (N1WBV)** become a father this past week. Congratulations to the Jackson family.

Mike (KB1NB) commented on the free equipment that is left on the tables for the taking. It should be removed after a two week period. The clubhouse is getting clogged.

Tim (N1TI) suggested that this would probably be a good year to resume the Flea Market or Ham-fest. Maybe the weekend after Labor Day. Tim would volunteer to be the chairman.

Tim also made inquiries about the hotdog steamer. He found no one interested in purchasing it for commercial use. Suggestions were to keep it and continue to investigate it's future.

ADJOURNMENT—Motion made and seconded to adjourn. Voted unanimously at 7:50PM.

Respectfully submitted,

Marcel Dumont (W1MLD)

50/50 RAFFLE

A 50/50 raffle was held after the Business Meeting. A total of \$66.00 was collected. **Rob (KD1CY)** won \$33.00 and donated it all back to the Club.

Thank you Rob.

VE SESSIONS

Walk-ins permitted unless otherwise noted.

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

SEMARA – 10:30AM **Jun 6th**

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

Canton, MA – 7:30PM **Apr 16th**

Louis D Harris-N1UEC
N1UEC@n1uec.org
 508-668-0858

Cranston, RI – 9:00AM **Apr 25th**

Kenneth Carr-KB1AWV
KB1AWV@yahoo.com
 401-828-1665

Falmouth, MA – 9:00AM **May 9th**

W. Ben Fleck-K2LYE
BenFleck@cape.com
 508-540-2583

Middletown, RI – 9:00AM **Apr 18th**

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

Providence, RI – 7:00PM **May 14th**

Louis Mester-W1CH
W1CH@arrl.net
 401-263-6045

COMING FLEAS & FESTS

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

18 Apr RASON Auction **Ledyard, CT**
 RAS of Norwich Gary - 860-884-4218

18 Apr PAWA Hamfest **S. Portland, ME**
 Portland AWA Bruce - 207-799-1116

19 Apr Flea @ MIT **Cambridge, MA**
 Nick - 617-253-3776

1-2 May NEAR-Fest V **Deerfield, NH**
 Mike - 978-250-1235

9 May 6th Annual Hamfest **Rensselaer, NY**
 E. Greenbush ARA Tom - 518-272-1494

17 May Flea @ MIT **Cambridge, MA**
 Nick - 617-253-3776

ALL-OF-THE-TIME ACTIVITIES

BUSINESS MEETING:

7 PM FIRST THURSDAY OF THE MONTH

SUNDAY RAGCHEW

AT THE CLUBHOUSE:

7-11 AM SUN

MOST-OF-THE-TIME ACTIVITIES

*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

* Call first on repeater to see who's coming

LUNCHEON: 11:30 AM FRIDAYS

Meet at the clubhouse at 11:15 AM

Each week we decide which local restaurant is to have the honor of our presence.

SOME CONTESTS

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

PSK31 Flavors Contest *digital* Apr 11 12 Noon -
 Apr 11 6 PM www.podxs070.com

GA QSO Party *phone+CW* Apr 11 1800Z - Apr 12
 2359Z gqp.contesting.com

Yuri Gagarin DX Contest *CW* Apr 11 2100Z -
 Apr 12 2100Z gc.qst.ru/en

TARA Skirmish Dig Pfx Contest *digital* Apr 18
 0000Z - Apr 18 2400Z [www.n2tv.org/seasons/
 tara_dpx_rules.html](http://www.n2tv.org/seasons/tara_dpx_rules.html)

Holyland DX Contest *phone+CW+digital* Apr 18
 0000Z - Apr 19 2359Z www.iarc.org

Michigan QSO Party *phone+CW* Apr 18 1600Z -
 Apr 19 0400Z www.migp.org

Ontario QSO Party *phone+CW* Apr 18 1800Z -
 Apr 19 1800Z cco.ve3xd.com/oqp

Helvetia Contest *phone+CW+digital* Apr 25
 1300Z - Apr 26 1259Z [www.uska.ch/
 e_index.htm](http://www.uska.ch/e_index.htm)

Florida QSO Party *phone+CW* Apr 25 1600Z -
 Apr 26 2159Z www.floridaqsoparty.org

Nebraska QSO Party *phone+CW+digital* Apr 25
 1700Z - Apr 26 1700Z www.hdxa.net

LOCAL REPEATER DIRECTORY

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

Frequency CTCSS Call/IRLP/E-link Location 144 (within 35 miles of SEMARA)

145.110 -	67.0	NB1MA	New Bedford
145.130 -	151.4	WF1A	W Greenwich, RI
145.150 -	123.0	WA1DGW	Fall River
145.170 -	67.0	KA1RCI	Lincoln, RI
145.190 -	67.0	KA1RCI	Johnston, RI
145.210 -	192.8	N1JL	Coventry, RI
145.330 -	94.8	K1CW	Bristol, RI
145.350 -	100.0	N1BS	W Warwick, RI
145.370 -	67.0	N1JBC	Coventry, RI
145.450 -	100.0	W1SYE	Portsmouth, RI
145.490 -	67.01	W1SMA/4617/4611	Fairhaven
146.655 -	88.5	WA1GPO	Falmouth
146.685 -	82.5	N1ZIZ	Plymouth
146.700 -		K1CR	Cranston, RI
146.730 -	67.0	W1SGL	E 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 -	67.0	K1KYI	Cumberland, RI
146.985 -	67.0	KA1RCI	Exeter, RI
147.000+	SEMARA 67.0	W1AEC/4347/44347	Dartmouth
147.015+	77.0	N1MIX	N Prov, RI
147.045+	141.3	W1HDN	W Warwick, RI
147.075+	67.0	KA1RCI	Portsmouth, RI
147.105+	103.5	W1PHR	Cranston, RI
147.120+	173.8	K1WEW	Portsmouth, RI
147.135+	67.0	KA1GG	Taunton
147.180+	67.0	W1MV/—/64231	Bridgewater
147.195+	127.3	K1SMH	Attleboro
147.315+	67.0	WG1U/—363590	Plymouth
147.330+	131.82	W1AQ/4907/147330	E Prov., RI
147.345+	88.5	KB1QL/—/402289	W Tisbury
147.375+	110.9	N1YHS	Falmouth

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	NIKUG /4133/94940	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

Check <http://www.nerepeaters.com/se.htm#222>

Frequency CTCSS Call/IRLP/E-link Location 440 (within 25 miles of SEMARA)

441.400+	192.8	WG1U	Assonet
441.750+	192.8	W1AQ	E Prov., RI
442.550+	67.0	WG1U	Assonet
443.150+	94.8	K1CW	Bristol, RI
444.350+	88.5	W1ACT	Fall River
446.375 -	67.0	KA1RCI	Little Compton, RI
447.225 -	88.5	WP4US	Taunton
447.525 -	88.5	WA1TAQ	Portsmouth, RI
448.325 -	186.2	KC2GDF	Newport, RI
449.525 -		NN1D	Fall River

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

902

921.2000 (-12MHz)		KA1RCI	Prov., RI
921.7000 (-12 MHz)		W1OP	Johnston, RI
927.4125	67.0	N1OTY	Plymouth
927.4250	131.8	W1WCF	Bridgewater
927.4500	D031	WG1U	Abington
927.4625	103.5	WG1U	Assonet
927.4750	131.8	N1ZZN/4571 ¹	Marshfield
927.4875	131.8	N1UEC/4486 ¹	Wrentham
927.5750	D031	N1UMJ	Rehoboth
927.6125	131.8	KA1RCI ^{2 3}	Lincoln, RI
927.6250	131.8	W1EHT ³	Pembroke
927.6500	D031	W1SMA	Dartmouth
927.6875	131.8	KA1DTA	Taunton
927.7125	131.8	KB1HTO ³	Norton
927.7625	67.0	KA1EZH	N. Prov., RI
927.7875	127.3	N1SEC	N. Attleborough
927.8250	131.8	N1JFU ³	Hingham
927.8625	D031	NN1D/4004	Fall River

¹ NEAR-900 Net ² OFF ³ Transmits 100.0 Hz tone

Check <http://www.nerepeaters.com/se.htm#902>

ANSWER: HAMMIN' AROUND

Which of the following is a purpose of a beacon station as identified in the FCC Rules?
A. Observation of propagation and reception, or other related activities

ANSWER: SUDOKU

Word: BOUNTIFUL

L	D	N	T	I	B	O	U	F
O	U	I	D	N	F	L	B	T
T	B	F	O	U	L	N	D	I
N	L	T	I	B	O	D	F	U
I	O	D	F	T	U	B	N	L
U	F	B	L	D	N	T	I	O
B	I	O	N	F	T	U	L	D
D	T	U	B	L	F	D	N	F
F	N	L	O	U	D	I	T	B