



ZERO BEAT

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



Since 1932

Volume 46 Issue 3

SEMARA-W1AEC

March 2010

WBZ & WGBH Tour Group

On Saturday, February 27, 2010, Dave Goldstein (W1DJG) organized a tour of WGBH and WBZ. He guided a group of our members up to the studios where they were joined other amateurs from the North Shore Radio Association, who joined the tour of the WBZ transmitter site in Hull provided by Dave last year.

Help me out—who are the SEMARA members in the pictures?



TOUR GROUP AT WBZ4 ANCHOR DESK



DAN BROWN, W1DAN—WGBH RECORDING STUDIO

I think I can recognized the following hams.

- Joe — W1JFT
- Joe K. — N1XC
- Ben — N1WBV
- Marcel — W1MLD
- John — WA11LSH
- Dave — W1DJG
- Who did I miss?

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TOUR GROUP AT WGBH STUDIOS

ZERO BEAT

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2010 SEMARA OFFICERS

President

Louis Mester—W1CH

Vice President

Bob Kelley—K1KVV

Secretary Marcel Dumont—W1MLD

Treasurer

Mike McDonald—KB1NB

Directors:

Joe Krisnowsky—N1IXC

Brad Paiva—W1BEP

John Walsh—WA1LSH

Trustees: (year term is up)

Charlie Days—WA1JFD (2010) chair

Tim Smith—N1TI (2011)

Henry Blanchett—W1GYL (2012)

John Walsh—WA1LSH (2013)

Louis Mester—W1CH (2014)

STANDING COMMITTEES

Building and Grounds

Dave Dean—K1JGV

Marty Jordan—KA1YFV

Scholarship

Sonny Eddleston—K1USW – chair

Chuck Moszczanski—KB1FRL

Alan Dulong—WB1FQP

Joe Krisnowsky—N1IXC

Technical/Repeater/Website

Dave Goldstein—W1DJG: Tech

Rick Cabral—W1RJG: Repeater

Ben Jackson—N1WBV: Web

SPECIAL COMMITTEES

Activities

Scott Szala—W1EV

ARES/SKYWARN

Rob Macedo—KD1CY

QSL Manager

vacant

Radio Events

Bob Kelley—K1KVV

Tech Talk

Eric Pierce—N1WCO

It seems to me ...

de Bob - K1KVV <editor@semara.org>



Don't miss it — the first official tech talk this year! Charlie (WA1JFD) is going to explore the question, "Ubuntu Linux, is it for You?" Wikipedia informs us that

"*Ubuntu* (pronounced "u-bu-ntu") is a computer operating system based on the Debian GNU/Linux distribution. It is named after the Southern African ethical ideology *Ubuntu* ("humanity towards others") and is distributed as free and open source software with additional proprietary software available. Ubuntu provides an up-to-date, stable operating system for the average user, with a strong focus on usability and ease of installation. Ubuntu has been selected by readers of desktoplinux.com as the most popular Linux distribution for the desktop, claiming approximately 30% of Linux desktop installations in both 2006 and 2007. Web statistics from late 2009 suggest that *Ubuntu's* share is between 40 and 50%.

Ubuntu is composed of multiple software packages, of which the vast majority are distributed under a free software license (also known as open source). The main license used is the GNU General Public License (GNU GPL) which ... explicitly declares that *users are free to run, copy, distribute, study, change, develop and improve the software*. *Ubuntu* is sponsored by the UK-based company Canonical Ltd., owned by South African entrepreneur Mark Shuttleworth. By keeping *Ubuntu* free and open source, Canonical is able to utilize the talents of community developers in *Ubuntu's* constituent components. Instead of selling *Ubuntu* for profit, Canonical creates revenue by selling technical support and from creating several services tied to *Ubuntu*.

...

Canonical releases new versions of *Ubuntu* every six months and supports *Ubuntu* for eighteen months by providing security fixes, patches to critical bugs and minor updates to programs. LTS (Long Term Support) versions, which are released every two years, are supported for three years on the desktop and five years for servers. The current version of *Ubuntu*, 9.10 (Karmic Koala), was released on October 29, 2009."

POINT TO PONDER

"Mistakes are a fact of life.

It is the response to error that counts."

—Nikki Giovanni

HAMMIN' AROUND

Question* E9H12 What is an advantage of using a shielded loop antenna for direction finding?

- A. It automatically cancels ignition noise pickup in mobile installations
- B. It is electro-statically balanced against ground, giving better nulls
- C. It eliminates tracking errors caused by strong out-of-band signals
- D. It allows stations to communicate without giving away their position

* 2008 Element 4 Extra Class Question Pool (good thru 2012-06-30)

Answer on page 8

Club Notes

Just a few more weeks and winter will be a memory. With spring around the corner can club festivities be far behind?



What kind of events might be coming into view: a packed VE session; a “world-famous” feast; work on the log-yagi antenna system; string up a G5RV; and host a club radio event each month.



Maintenance needs to be done to the building and grounds. We have some trim to paint, the driveway to be leveled, and the grass to be manicured.



High sunspot numbers mean more DX. Note the four sunspot groups: 1045, 1051, 1052, and 1053.

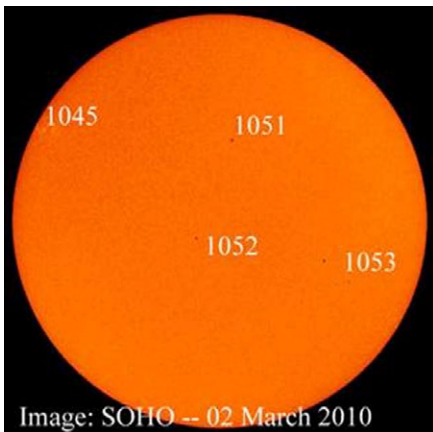


Image: SOHO -- 02 March 2010

20-m may get crowded; but expect 17-m, 15-m, 12-m, and 10-m to open up. The fun begins for new and old HF hams!

Results of the VE Session on February 3, 2010.

The successful candidates are:

Andrew Beckerman Rodau
WB3LCN—General;

Luiz A. Fernandes
KB1TRX—Technician;

Quinn E. Gagnon
KB1TRY—Technician;

Jeffrey G. Kellogg
K1JGK—Extra;

Kyle J. St. Onge
KB1TRW—Technician.



Congratulations!

NEXT SEMARA VE SESSION

April 3, 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) — “Camel” Net Roundtable is held at 7 p.m. on the SEMARA Repeater, **W1AEC**. **Bob, N1VUG** (Fairhaven) usually opens the net. See if you can add to the fun on Mondays and Wednesdays—*bring some trivia questions* and see if anyone can be stumped.

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.

Club Numbers

GPS Coordinates:

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

Maidenhead Grid Coordinates: **FN41mo**

For FISTS Sprints: FISTS #10555

Sudoku

Here’s an easy Sudoku puzzle to ponder while waiting on net control. (Page 8 has the solution.)

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



Official Meeting Minutes



February 4, 2010

In the absence of the President and Vice-President the meeting was called to order by the Secretary **Marcel (W1MLD)** at 7:05 P.M. with the salute to the Flag. Roll was called with 21 members present.

SECRETARY'S REPORT

The secretary's report was read in it's entirety and a motion was made and seconded to accept the report as read. The members voted unanimously to accept.

TREASURER'S REPORT

The treasurer **Mike (KB1NB)** reported that the treasury has \$13,454.54 including all accounts. This includes \$719 not yet used by the Attorney, and \$4,520 Netcom check, and \$25,000 still owed to Frank Corp. for the oil spill. The Judge still has not rendered a decision on the law suit. A motion was made and seconded to turn over to the Audit Committee. Voted unanimously.

STANDING COMMITTEE'S

Scholarship Committee.

Sonny (K1USW) reported that the letters have gone out announcing the Scholarship.

Technical Committee

Dave (W1DJG) reported that there is a problem with the antenna's on the 85' tower. Looks like a problem with the rotor and the cables being shorted. *Do not use any radio equipment until further notice.*

We are having a problem with Echolink and a problem with the telephone line may need Verizon to check outside line.

SKYWARN

Chris (W1EAV) reporting for **Rob. RACES** will be talking about the repeater usage on Saturday.

Repeater

John (WA1LSH) reported that the Camel Net will only be doing two evenings a week due to lack of participation. The two days will be Monday and Wednesday. Please try to participate.

Website

Ben (N1WBV) reported that he is backing up the old Website to the new Website. Going over to the content management system which would allow members to submit stories etc. to the Website.

OLD BUSINESS

Question on the 900 MHz repeater as to the new controller and when will it be on the air? We are waiting to sell the old controller and 440 MHz repeater in order to fund the new one. Other repeaters will be tied into the 900 MHz repeater. Old 440 gear is listed on eBay.

NEW BUSINESS

After some discussion a motion was made to appropriate \$300.00 for the controller. If more is needed, the Tech Committee will come back for additional amounts. **Chris (W1EAV)** spoke to **Rick (W1RJC)** and he said it would cost no more that \$450.00. Motion to amend the original amount of \$300.00 to \$450.00. Motion seconded, all members voted with 2 members opposed. Voted on the amended motion of \$450.00. Members voted with one opposed.

GOOD OF THE CLUB

Ben (N1WBV) mentioned about the upcoming field day. **Eric (N1WCO)** and **Chris (W1EAV)** said they would participate.

Charlie (WA1JFD) suggested having a Tech Talk about Linux and he will host it.

Sonny Mello (W1ESG) is in the hospital and is not doing well. Send cards if you can.

John (W1HIQ) update, he is doing well and in remission.

Adjournment

Motion was made and seconded to adjourn at 8:20 PM. Motion voted unanimously.

Respectfully submitted
Marcel Dumont (W1MLD)



50/50 Raffle

\$23.00/\$23.00.

Winner **John (WA1LSH)**

SEMARA News

Tech Talk Announcement

"Ubuntu Linux is It for You?"

Charlie Days, WA1JFD

March 18, 2010

Thursday, 7:00 PM

SEMARA Clubhouse

Charlie (WA1JFD), will present a 1- hour workshop exploring the question, "Ubuntu Linux is it for You?"

In the first half hour, he will explain about Ubuntu Linux.

The next 15 minutes is devoted to live demos.

The last 15 minutes, I will field any questions.

Ubuntu Linux

1. What is Ubuntu?
2. How to install and types of installations.
3. How to configure.
4. Descriptions of some of the packaged applications in the distribution.
5. Applications related to Amateur Radio.
6. Where to get help.

Live demonstration

1. I will go on line and explore the Ubuntu Community and the virtues of the Creative Commons License.
2. Demonstrate how to get Ubuntu.
3. Demonstrate how the Ubuntu distributions are continuously upgraded.
4. Field questions.
5. Determine if a *Ubuntu Clinic* should form and continue to meet on future Tech Talk evenings to help individuals.

There will be limited handouts, probably distribution copies of Ubuntu.

For those wishing to do a little homework:

<http://www.ubuntu.com/> <= take the tour!

<https://wiki.ubuntu.com/AmateurRadio>

<http://www.linuxjournal.com/ham>

<http://ubuntuforums.org/showthread.php?t=535498>

<https://launchpad.net/~ubuntu-hams>

http://www.hamspot.com/ham/Ham_Radio_LiveCD



Special Bulletin 5 ARLX005 IARU Region 2 and Radio Club de Chile Request Ama- teurs to Keep Emergency Frequencies Clear

From ARRL Headquarters

Newington, CT - March 1, 2010

To all radio amateurs

A massive 8.8 magnitude earthquake hit Chile at 0634 UTC on February 27, 2010, triggering a potential tsunami. IARU Region 2 and the *Red Chilena Nor Austral de Servicio* (RECNA) have suggested Amateur Radio operators monitor the following emergency communications frequencies for traffic pertaining to the earthquake and tsunami:

3.738, 3.750, 7.050, 7.100, 14.200, 14.350,
21.200, 21.350, 28.300 and 28.500 MHz.

IARU Region 2 Area Emergency Coordinator *Jorge Sierra, LUIAS*, reports that there is now traffic at frequencies of (sic)40 meters from people seeking information from people in Chile: "*We would appreciate if amateurs would leave free the frequencies used by RECNA, as well as the usual IARU Region 2 frequencies on in 20, 40, and 80 meters.*"

In addition to the above frequencies, you may also want to listen to the worldwide emergency communication Center of Activity frequencies:

14.300, 18.160 and 21.360 MHz.

Other suggested monitoring frequencies are

3.720, 7.045 and 7.060 MHz.

Hawaiian Amateur Radio operators, on the lookout for a possible tsunami, are monitoring

7.088 and 3.888 MHz.

[Please avoid traffic on these frequencies. ed.]

ASIDE

Next month I intend to move most of the static material out of the monthly issues of *ZERO BEAT*.

The idea is to provide more time and space to SEMARA and Amateur Radio issues.

Items that are really missed will be restored in subsequent issues.

~Editor@semara.org

More SEMARA News



ARRL Bulletin 8 ARLB008 FCC Seeks Comments for Blanket Waiver to Allow Amateur Radio in Hospital Emergency Drills

From ARRL Headquarters
Newington, CT - March 4, 2010
To all radio amateurs

In February 2010, the American Hospital Association (AHA) filed a request with the FCC for a blanket waiver of Section 97.113(a)(3) of the Commission's Rules "to permit hospitals seeking accreditation to use Amateur Radio operators who are hospital employees to transmit communications on behalf of the hospital as part of emergency preparedness drills." On March 3, the FCC issued a Public Notice — WP Docket 10-54 — seeking comments if the Commission "should grant AHA's request for a blanket waiver of Section 97.113(a)(3) to permit amateur operators who are hospital employees to participate in emergency drills that are conducted by hospitals for accreditation purposes and that are not government-sponsored." Section 97.113(a)(3) specifically prohibits amateur stations from transmitting communications "in which the station licensee or control operator has a pecuniary interest, including communications on behalf of an employer."

Given the public interest in facilitating government-sponsored emergency preparedness and disaster drills, the Wireless Telecommunications Bureau and Public Safety and Homeland Security Bureau have provided a process for requesting a waiver of Section 97.113(a)(3) to permit named Amateur Radio operators to participate in specified government-sponsored drills by transmitting messages on behalf of identified employers. The waiver must be requested prior to the drill, and employees may not transmit amateur communications on their employer's behalf unless the waiver request has been granted by the FCC.

According to AHA, waiver relief should be available for these non-government-sponsored exercises "because it is in the public interest to ensure that hospital communications operate effectively during emergencies." The FCC noted that in its blanket waiver request, the AHA also stated that requiring separate waiver requests would be administratively burdensome on hospitals and the Commission.

"AHA thus requests a blanket waiver for hospitals seeking Joint Commission accreditation, until such time as the Commission adopts a final order in response to a forthcoming Notice of Proposed Rule-making that will seek comment on potential changes to Section 97.113(a)(3)," the FCC said.

"AHA states that hospitals seeking accreditation from the Joint Commission (formerly the Joint Commission on Accreditation of Healthcare Organizations) must prepare an emergency operations plan setting forth how the hospital will communicate during emergencies, and establish back-up communications links (which, among other means of communications, may include amateur radio stations) to communicate essential information if primary communications systems fail," the FCC pointed out in its Public Notice. "AHA states that hospitals seeking accreditation also are required to test their emergency operations plans twice annually."

As such, the FCC has opened up the matter for public comment. Not only are comments in favor of or against the issue of amateur operators -- who are hospital employees -- to participate in emergency drills conducted by hospitals for accreditation purposes that are not government-sponsored welcomed, the Commission is also seeking comments addressing "whether, if blanket relief were to be granted, there would be some benefit from requiring hospitals to provide notice to the Commission concerning emergency drills they perform, and what such notice should entail."

Comments are due by Friday, April 2; reply comments are due no later than Monday, April 19. All filings should reference the docket number of this proceeding, WP Docket No 10-54. In the Public Notice, the FCC noted that this proceeding has been designated as a "permit-but-disclose" proceeding in accordance with the Commission's ex parte rules: "Parties making oral ex parte presentations in this proceeding are reminded that memoranda summarizing the presentation must contain the presentation's substance and not merely list the subjects discussed. More than a one- or two-sentence description of the views and arguments presented is generally required."

Instructions on how to paper file or file electronically are listed in the Public Notice.

VE SESSIONS

Walk-ins permitted unless otherwise noted.

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

SEMARA – 10:30AM	April 3rd
Larry Houbre-AA1FS LRHguy@earthlink.net 508-991-6055	
Braintree, MA – 9:00AM	March 13th
William Needham-K1WN K1WN@aol.com 781-845-4400	
Canton MA – 7:30PM	—
Louis Harris-N1UEC N1UEC@n1uec.org 508-333-5714	
Cranston, RI – 9:00AM	—
Kenneth Carr-KB1AWV KB1AWV@yahoo.com 401-828-1665	
Falmouth, MA – 9:00AM	March 13th
W. Ben Fleck-K2LYE BenFleck@cape.com 508-540-2583	
Fall River, MA – 7:00PM	March 15th
Skip Denauly-KB1CNB skip@newtestamentschool.org 774-644-3469	
Middletown, RI – 9:00AM	—
Jack Garforth-K1IG K1IG@verizon.net 401-683-2250	
Providence, RI – 7:00PM	—
Louis Mester-W1CH W1CH@arrl.net 401-263-6045	
Slatersville, RI – 9:00AM	March 27th
Robert E. Jones-WB1P WB1P@arrl.net 401-333-4787	

Coming FLEAS & FESTS

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

6 Mar Feeding Hills, MA	20 Mar Rockport, MA
Mary 413-967-4008	Dick 207-674-3485
20 Mar Dayville, CT	21 Mar Southington, CT
Paul 860-928-2456	Norm 860-584-1403

Some Contests

This month, mostly “State QSO Parties.”

For others, see <http://www.arrl.org/contests/>

- 1.8-28 **ARRL International DX**
Phone www.arrl.org/contests
Mar 6, 0000Z - Mar 7, 2400Z
- 1.8-28 50-440 **Idaho QSO Party**
All_mode www.nx7tt.com
Mar 13, 1900Z - Mar 14, 1900Z
- 3.5-28 50+ **Wisconsin QSO Party**
All_mode www.warac.org
Mar 14, 1800Z - Mar 15, 0100Z
- 28 **10-10 Mobile QSO Party**
All_mode www.ten-ten.org
Mar 20, 0001Z - Mar 20, 2359Z
- 3.5-28 **Oklahoma QSO Party**
All_mode www.okdxa.org
Mar 20, 1400Z - Mar 21, 2000Z
- 1.8-28 50,144 **North Dakota QSO Party**
Phone_CW www.w0cq.com
Mar 20, 1800Z - Mar 21, 1800Z
- 1.8-28 50-440 **Virginia QSO Party**
All_mode www.qsl.net/sterling
Mar 20, 1800Z - Mar 22, 0100Z
- 1.8-28 **CQ WPX SSB Contest**
Phone www.cqwpw.com
Mar 27, 0000Z - Mar 28, 2400Z

ALL-OF-THE-TIME ACTIVITIES

AT THE CLUBHOUSE BUSINESS MEETING

7 PM First Thursday of the month

SUNDAY RAGCHEW

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

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.

* *Call first on repeater to see who's coming*

LOCAL REPEATER DIRECTORY

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

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

Check <http://www.nerepeaters.com/2m.htm>

145.110 -	67.0	NB1MA/4245/4254	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
145.280 -		†WG1U	Taunton
145.330 -	94.8	†K1CW	Bristol, RI
145.350 -	100.0	N1BS	W Warwick, RI
145.370 -	67.0	N1JBC	Coventry, RI
145.420 -		†K1RFI	Fall River
145.450 -	100.0	W1SYE	Portsmouth, RI
145.490 -	67.01	W1SMA/4617/4611	Fairhaven
146.625 -	141.3	K1RSR	E Providence, RI
146.655 -	88.5	K1RK	Falmouth
146.685 -	82.5	N1ZIZ	Plymouth
146.700 -		K1CR	Cranston, RI
146.730 -	67.0	W1SGL	E Sandwich
146.775		W1WNS	W Bridgewater
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+	67.0	W1AEC/4347/44347	Dartmouth
147.015+	77.0	N1MIX	N Providence, 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
147.165 +	67.0	N1VDJ	Exeter, RI
147.180+	67.0	W1MV/4388/64231	Bridgewater
147.195+	127.3	K1SMH	Attleboro
147.225 +	67.0	WA1NPO/—/423517	Whitman
147.315+	67.0	WG1U/—/363590	Plymouth
147.330+	131.82	W1AQ/4907/147330	Providence, RI
147.345+	88.5	KB1QL/—/3755	W Tisbury
147.375+	110.9	N1YHS	Falmouth

—— 222 (within 35 miles of SEMARA) ——

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

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
224.300	100.0	K1WYC	W. Warwick, RI
224.560 -	100.0	KA1NXS	Richmond, RI
224.620 -	88.5	N1LEO	Attleboro
224.760 -		KA1SOO	W Warwick, RI

Frequency	CTCSS	Call/IRLP/E-link	Location
224.860 -	67.0	N1JL	Coventry, RI
224.920 -	67.0	N1JBC	N Providence, RI

—— 440 (within 25 miles of SEMARA) ——

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

441.750+	192.8	W1AQ ²	E Providence, RI
442.350	103.5	WG1U	Portsmouth, RI
442.550+	67.0	WG1U	Assonet
443.150+	94.8	K1CW	Bristol, RI
444.350+	88.5	W1ACT ²	Fall River
444.550	88.5	W1MV	Bridgewater
446.375 -	67.0	KA1RCI	Little Compton, RI
447.525 -	88.5	WA1TAQ	Portsmouth, RI
448.325 -	186.2	KC2GDF	Newport, RI
449.275	D244	W1WNS	W Bridgewater
449.525 -		NN1D	Fall River

—— 902 (within 35 miles of SEMARA) ——

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

921.2000 (-12 MHz)		KA1RCI	Providence, RI
921.3000 (-12 MHz)		K1KYI	Lincoln, RI
921.7000 (-12 MHz)		W1OP	Johnston, RI
921.9000 (-12 MHz)		WA1TAQ	Providence, RI
927.0375	D031	†NN1D/4004	Fall River
927.4125	67.0	N1OTY	Plymouth
927.4250	131.8	W1WCF	Bridgewater
927.4625	103.5	WG1U	Assonet
927.5750	D051	N1UMJ	Rehoboth
927.6125	131.8	KA1RCI ³	Lincoln, RI
927.6250	131.8	W1EHT ³	Pembroke
927.6500	D031	W1SMA	Dartmouth
927.6750	D244	N3LEE	Cumberland, RI
927.6875	131.8	KA1DTA	Taunton
927.7125	131.8	KB1HTO ³	Norton
927.7625	67.0	KA1EZH	N Providence, RI
927.7759	D244	K1RJZ/4977 ¹	Boston
927.7875	127.3	N1SEC	N Attleboro
927.8250	131.8	N1JFU/4335 ^{1,3}	Hingham
927.8375	D031	†W1AEC/4347/44347	Dartmouth

¹ NEAR-900 Net ² OFF the air ³Transmits 100.0 Hz tone †TRIAL

Answer: HAMMIN' AROUND

What is an advantage of using a shielded loop antenna for direction finding? B. It is electro-statically balanced against ground, giving better nulls.

Answer: Sudoku ²⁶

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