



ZERO BEAT

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



Since 1932

Volume 45 Issue 11

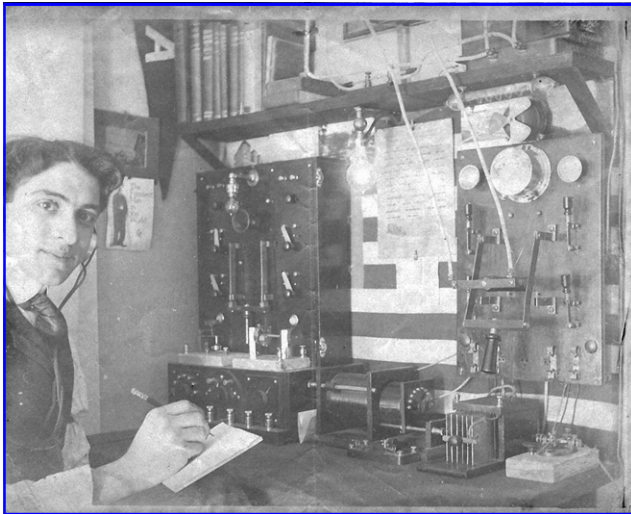
SEMARA-W1AEC

November 2009

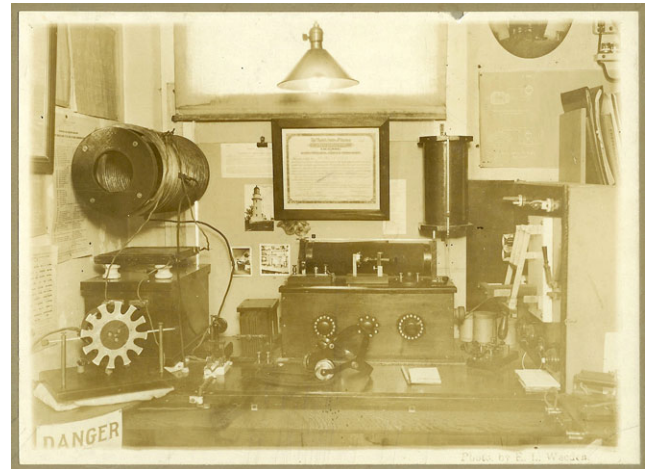
A Trip Down Memory Lane

OLD RADIO PICTURES

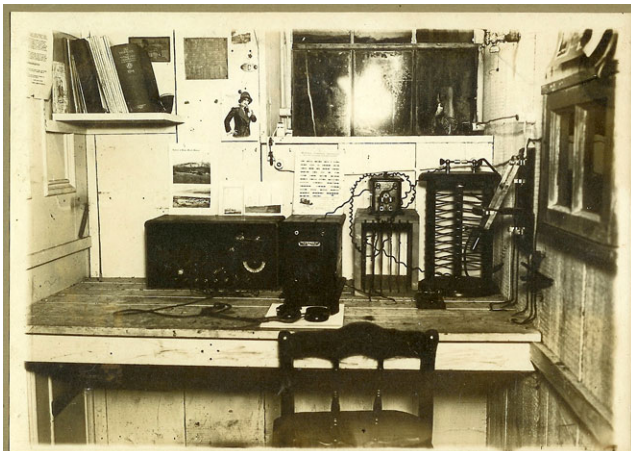
Courtesy of Art, W1FJI



MY UNCLE TONY SYLVIA
7 STONE ST., NEW BEDFORD, MA



MILTON BAYLESS, GRINNELL ST., NEW BEDFORD, MA
APRIL 28, 1915



LIONEL PERRY, BORDEN ST, NEW BEDFORD, MA
APRIL 28, 1915



DOUGLAS TRIP, WARD ST., NEW BEDFORD, MA
APRIL 28, 1915

ZERO BEAT

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

2009 SEMARA OFFICERS

President

Louis Mester - W1CH

Vice President

Bob Kelley - K1KVV

Secretary

Marcel Dumont - W1MLD

Treasurer

Mike McDonald - KB1NB

Directors:

Dave Dean - K1JGV

Dave Goldstein - W1DJG

Dick Halliwell - K1AHA

Trustees: (year term is up)

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

Dave Dean - K1JGV

Marty Jordan - KA1YFV

Scholarship

Sonny Eddleston - K1USW

Technical

Dave Goldstein - W1DJG

SPECIAL COMMITTEES

Activities

Scott Szala - W1EV

ARES/SKYWARN

Rob Macedo - KD1CY

QSL Manager

vacant

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>



It almost seems too soon to be thinking about the election of officers for the year of 2010. Next month the club will hold its annual elections. As usual, the officers and directors slots are open as well as a new trustee to replace the most senior trustee, Mike Miller, N1ITQ in this case. The most senior trustee inherits the chair—congratulations Charlie, WA1JFD!

Any member in good standing can run for most offices, only trustees have to have some time in grade—check the bylaws on line. Otherwise, anyone can throw their hat into the ring. The members present and voting at the Business Meeting on December 3 will determine the outcome. This is democracy in action. See you there!

Did you notice that there have been no Tech Talks for some time now? Well, there hasn't been an outcry about this void in our programs—why not? Are you afraid that, like is usually the case, if you speak up, you'll get the job? Fear not, we just need to know what will motivate you to come out to the club on the third Thursday evening of the month. It seems that everyone is too busy to want to study for the next VE Session on December 5. My offer to do an interactive session on the technical aspects of the exam has not born fruit. Regulations are arbitrary, but the technical side of the exam is based on the same old physics and electronics as it has been in the past.

The easiest way for me has always been to understand the basics behind the theory and practice of ham radio. That's what I would try to share with you. Check out the Hammin' Around question below. It is easy if you know how your 2-m FM transceiver works. Otherwise, you have to just memorize and respond by rote—a technique that has produces lots of 9-11 year old Extra class licensees. I just don't have that kind of memory any more. So I like to 'know' what's going on. How about you?

Take me up on my offer. I don't know everything cold. But, I bet that what I don't know, you do!

See you around the club. How about on the third Thursday of the month?

●●●—●—

POINT TO PONDER

**“We make a living by what we get.
 We make a life by what we give.**

~Winston Churchill

HAMMIN' AROUND

Question* E7E06 What circuit is added to an FM receiver to restore attenuated lower audio frequencies?

- A. A de-emphasis network
- B. A heterodyne suppressor
- C. An audio prescaler
- D. A pre-emphasis network

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

Answer on page 8

Club Notes

November is the time to savor the fruits of the harvest. The celebration of Thanksgiving is supposed to be just that, giving thanks for what we have.

It is also a good time to think about our club and really see how fortunate we are. Like all good things in life, it doesn't come without some effort on our part.



So, what do you say? Are you prepared to look around to see what you might do to ensure that the good times and good things endure? Let's pull together to make good things happen.

At the VE Session on October 3, 2009, two candidates successfully passed their written examinations:



John J. Murphy, III
Technician

Marcel L. Dumont, W1MLD
General.
Enjoy your new privileges!

At October 1, 2009 Business Meeting, **Bruce Belling (N1VJM)**, submitted an application for membership. He was unanimously admitted as a Life Member.



Welcome to the club!

CLUB NUMBERS

GPS Coordinates:

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

Maidenhead Grid Coordinates: **FN41mo**

For FISTS Sprints: **FISTS #10555**

SEMARA 900 MHZ REPEATER

927.8375 MHz (repeater output)

902.8375 MHz (repeater input)

Tone D031

LOCAL NETS

Everyone is welcome to check in!

147.000+ (PL 67.0 Hz) (FM) — *“Camel”* Net Roundtable 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

NEXT SEMARA VE SESSION

December 5, 2009

Clubhouse @ 10:30 AM

Contact: Larry Houbre-AA1FS

LRHguy@earthlink.net

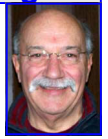
508-991-6055



SUDOKU

Here's a Sudoku puzzle to attack while waiting for the net to begin. **Solution is on page 8.**

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



Official Meeting Minutes

OCTOBER 1, 2009

The meeting was called to order by the President, **Louis (W1CH)** at 7:04 PM with the salute to the Flag.

There was a roll call with 23 members present. A moment of silence was held for SK **WA1ETG, Irving Snyder**.

SECRETARY'S REPORT

A motion was made and seconded to accept the report as posted on the board and in **ZERO BEAT**. The members voted unanimously to accept the report.

TREASURER'S REPORT

Mike (KB1NB) reported that there was \$8,720.19 in the two accounts. There are two outstanding checks that were not yet received from Netcom. They are reportedly in the mail.

There are several bills presented to the treasurer this evening. One for soda at \$24.80 and one for raffle tickets for \$11.14. Both were approved for payment.

The court case decision is set for October 20th.

A motion was made and seconded to refer to audit. This motion was voted unanimously.

STANDING COMMITTEES

Buildings and Grounds

Dave (K1JGV) reported that the different types of construction were investigated with varying prices. One of the suggestions made was to raise the ground level in the rear of the building so that a smaller ramp could be built. After some discussion it was decided to continue with further investigation and decide at a latter date as to what to do.

Scholarship Committee

Sonny (K1USW) accepted the Chairmanship of the committee and has enlisted the help of **Joe (N1IXC)**, **Al (WB1FQP)**, and **Chuck (KB1FRL)** as members of the committee. They are planning several meetings to get the committee organized.

Technical Committee

Dave (W1DJG) reported that the 900 MHz system is working great and thanked **Tony (NN1D)**, **Carl, Al** and **Ron** for the work done installing the antenna and repeater.

Tim (N1TI) reported that in order to link the 900 and 147.000 repeaters we need to get several more

IP addresses from Comcast. In order to do that it would cost the club \$19.95 per month for five addresses. This will allow us to use them for a number of things. A motion was made and seconded and voted unanimously to obtain the IP addresses.

Tim is in the process of setting up another server to handle more camera's. So soon we'll be able to setup more security cameras.

The Technical Committee has enlisted the services of **Ben (N1WBV)** and also **Rick (W1RJC)** to participate more in the tech committee's activities. The Web site has seen triple the activity recently. **Ben (N1WBV)** has also setup a Facebook account for SEMARA and has good content on it. Anyone belonging to it can insert text or pictures on it.

APPLICATION FOR MEMBERSHIP

Bruce Belling (N1VJM), 13 Brayton Point Rd. Westport, MA submitted an application. A motion was made and seconded to accept as a Life Member. Voted unanimously.

NEW BUSINESS

Chris (W1EAV) suggested that the club sell the 440 radio that is no longer used and replace it with a 900 MHz radio for the repeater. A motion was made and seconded to sell the 440 radio and purchase a 900 MHz radio. Voted unanimously.

Marcel (W1MLD) requested the use of the Building for a meeting on Tuesday October 6, 2009. A donation would also be given. Motion made and seconded to allow the meeting. Voted unanimously.

GOOD OF THE CLUB

Chris (W1EAV) brought up an announcement from **Rob (KD1CY)** that there will be an ARES and SKYWARN conference on Saturday October 3, 2009. Everyone is invited.

John (WA1LSH) reported that there are several nets in the evening and that more people should participate.

Adjournment

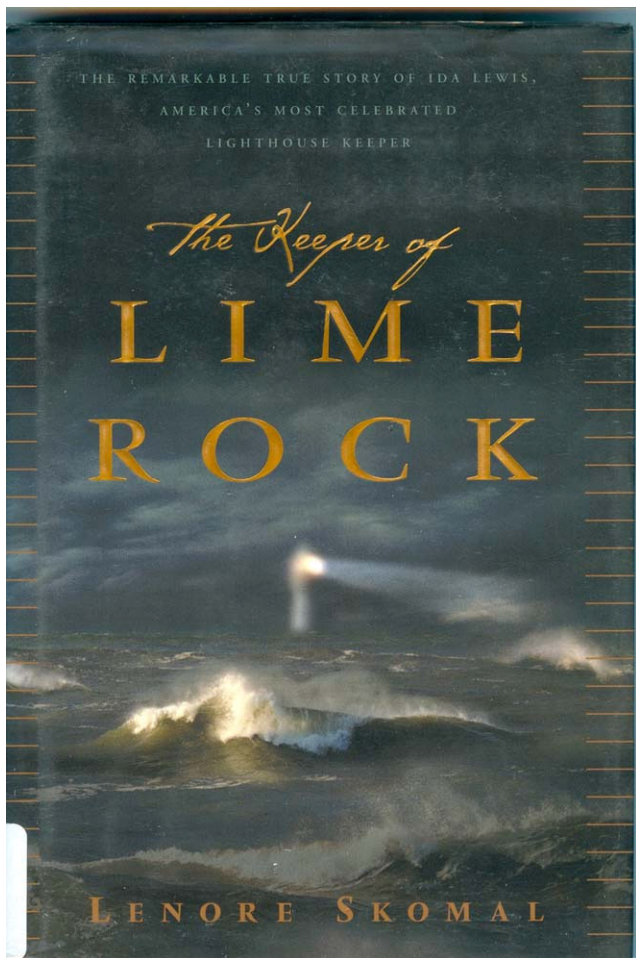
A motion to adjourn was made and seconded, voted unanimously.

Respectfully Submitted
Marcel Dumont, (W1MLD)



SEMARA News

RECOMMENDED



I just finished reading a fascinating book, "The Keeper of Lime Rock." Later the name of the light was changed to the "Ida Lewis Light" as a tribute to this famous lady lighthouse keeper. Ida Lewis was the keeper of Lime Rock Lighthouse from about 1860 to 1911. he took over the lighthouse keeper's job at 18 years old when her father had a stroke.

She became one of the most famous lighthouse keepers for her several heroic rescues over the 50 or so years she tended the light. She extinguished the flame on October 21, 1911, for what would be her last time.

If you enjoy reading of lighthouses and lighthouse keepers, I am are sure that you would enjoy this book.

Courtesy of Whitey, K1VV

RADIO ST. HELENA DAY 2009



Radio St. Helena Day 2009 will be on Saturday, 14. November 2009. The "Party On-The-Air" will have the following schedule.

Time in UTC Target Area(s)

20:00 – 21:00 India / Southeast Asia

21:00 – 22:00 Japan / Asia

22:00 – 23:30 Europe

23:30 – 01:00 North America / Central America / Caribbean

The transmission will be on 11092.5 KHz in Upper Side Band, as usual.

Radio St. Helena is very pleased to announce that the newly designed RSD 2009 QSL cards will be sponsored by the highly respected Japan Short Wave Club. This good news has been reported by Mr. T. Ohtake of the JSWC. It can truly be said, that without the very generous help of the JSWC, there would not have been a RSD Revival in 2006.

To get a QSL from Radio St. Helena, you must send a written and verifiable reception report by AIRMAIL and include sufficient return postage. Email-reports will be not be verified. Recordings will not be returned. Otherwise, please send 3 or more US dollar banknotes to cover the required return postage.

Radio St. Helena
P.O. Box 93
Jamestown , St. Helena
STHL 1ZZ
South Atlantic Ocean

via AIRMAIL

via United Kingdom & Ascension

An interesting QSL card to hang on the shack wall.

Whitey, K1VV #957

Official Newsletter of the SOUTHEASTERN MASSACHUSETTS AMATEUR RADIO ASSOCIATION, INC.

FALMOUTH AMATEUR RADIO ASSOCIATION ELEVENTH ANNUAL

VE SESSIONS!
9:00AM - 11:00AM
TWO (2) PROOFS OF ID,
\$15.00 CASH
OR
CHECK TO: F.A.R.A.
(SORRY, NO CREDIT CARDS!)

**FREE ADMISSION
IF YOU ARE TAKING
AN EXAM!**

HAM RADIO COMPUTER and ELECTRONICS



<http://www.falara.org>

FARAFEST

SATURDAY - NOV 7, 2009
9 AM to 12 PM
(Sellers setup at 7 AM)

UPPER CAPE REGIONAL VOCATIONAL SCHOOL

220 Sandwich Road, Bourne, MA



Buyers \$5.00, Children under 14 are free
Sellers \$10.00/8ft Indoor Space (\$9.00 if mailed by Nov 1st)
(outdoor space is available, weather permitting)
Talk-In: 146.655/146.055 (PL 88.5)

***** INDOOR VENDOR SPACE *****
***** PLENTY OF FREE PARKING *****

!!!!!!! PRIZES DRAWN EVERY 1/2 HOUR !!!!!!!
NO ADULT MATERIAL, KNIVES OR WEAPONS OF ANY KIND ALLOWED ON THE PROPERTY
VIOLATORS WILL BE ASKED TO LEAVE THE PROPERTY IMMEDIATELY WITH NO REFUNDS
NO EXCEPTONS!



FARA HAM RADIO AND ELECTRONICS FLEA MARKET SELLERS ADVANCED REGISTRATION FORM 2009

NAME: _____ CALL SIGN: _____
ADDRESS: _____
PHONE: _____ CITY: _____
STATE: _____ ZIP: _____
8 FOOT SPACES REQUIRED: _____ x \$10.00/8' FOOT SPACE = \$ _____ ENCLOSED

For more info
call:
(508) 548-0422
9 - 4, Mon - Fri

Make checks payable to: **FARA**
Mail to: FARAFEST, P.O. Box 815, West Falmouth, MA 02574

VE SESSIONS

Walk-ins permitted unless otherwise noted.

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

SEMARA – 10:30AM Dec 5th

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

Braintree, MA – 9:00AM Nov 14th

William Needham-K1WN
K1WN@aol.com
 781-845-4400

Canton MA – 7:30PM Nov 12th

Louis Harris-N1UEC
N1UEC@n1uec.org
 508-333-5714

Cranston, RI – 9:00AM Nov 28th

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

Falmouth, MA – 9:00AM Nov 16th

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

Fall River, MA – 7:00PM Nov 16th

Skip Denauly-KB1CNB
skip@newtestamentschool.org
 774-644-3469

Providence, RI – 7:00PM Nov 12th

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

COMING FLEAS & FESTS

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

7 Nov FARA Fest Bourne, MA
 Ralph—508-548-0422
depshe911@comcast.net

7 Nov Interstate Rptr Soc Londonderry, NH
 George—603-421-0940
n1naz@arrl.net

14 Nov Cape Ann ARA Rockport, MA
 Dean—978-281-0897
dburg101@aol.com

SOME CONTESTS

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

Ukrainian DX Contest *Phone-CW* Nov 7, 1200Z -

Nov 8, 1200Z *1.8-28* www.ucc.zp.ua

ARRL November Sweepstakes *CW* Nov 7, 2100Z

- Nov 9, 0300Z; *Phone* Nov 21, 2100Z - Nov 23,

0300Z *1.8-28* www.arrl.org/contests

DARC 10-Meter Digital "Corona" *Digital* Nov 8,

1100Z - Nov 8, 1700Z 28

www.darc.de/referate/ukw-funksport

Worked All Europe DX Contest *Digital* Nov 14,

0000Z - Nov 15, 2400Z *3.5-28* www.waedc.de

Japan International DX Contest *Phone* Nov 14,

0700Z - Nov 15, 1300Z *3.5-28* jidx.org

OK-OM DX Contest *CW* Nov 14, 1200Z - Nov 15,

1200Z *1.8-28* okomdx.crk.cz

Kentucky QSO Party *Phone-CW* Nov 14, 1400Z -

Nov 15, 0200Z *1.8-28* 50 www.wkdx.com

Mongolia DX Contest *Phone-CW* Nov 21, 0000Z -

Nov 22, 2359Z *1.8-28*

www.harts.org.hk/Rules_JTDXContest_Eng.pdf

LZ DX Contest *Phone-CW* Nov 21, 1200Z -

Nov 22, 1200Z *3.5-28* lzdx.bfra.org

RSGB 1.8MHz Contest *CW* Nov 21, 2100Z -

Nov 22, 0100Z *1.8* www.vhfcc.org/hfcc

CQ WW CW *CW* Nov 28, 0000Z - Nov 29,

2400Z *1.8-28* cqww.com

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)

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
145.330 -	94.8	K1CW	Bristol, RI
145.350 -	100.0	N1BS	W Warwick, RI
145.450 -	100.0	W1SYE	Portsmouth, RI
145.490 -	67.01	W1SMA/4617/4611	Fairhaven
146.625 -	141.3	K1RSR	E Prov., 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
146.805 -	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 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
147.165 +	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	E Prov., RI
147.345+	88.5	KB1QL/—/3755	W Tisbury
147.375+	110.9	N1YHS	Falmouth

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

222

223.760 -		K1KYI	Scituate, RI
223.780 -	88.5	N1PYN ²	Brockton
223.820 -	67.0	N1JBC	Newport, RI
223.900 -		KA1ABI	Coventry, RI
223.920 -		KA1LMX ²	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
224.320 -	118.8	W1ZSA	Walpole
224.560 -	100.0	KA1NXS	Richmond, RI
224.620 -	88.5	N1LEO ²	Attleboro
224.760 -		KA1SOO	W Warwick, RI
224.920 -	67.0	N1JBC	N Prov., RI
224.960 -	88.5	W1VET ²	Warwick, RI

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

Frequency	CTCSS	Call/IRLP/E-link	Location
440 (within 25 miles of SEMARA)			
441.750+	192.8	W1AQ ²	E Prov., 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

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

902

921.2000 (-12 MHz)		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/4571/465188 ¹	Marshfield
927.4875	131.8	N1UEC/4486/278206 ¹	Wrentham
927.5750	D051	N1UMJ	Rehoboth
927.6125	131.8	KA1RCI ^{2 3}	Lincoln, RI
927.6250	131.8	W1EHT ³	Pembroke
927.6500	D031	W1SMA	Dartmouth
927.6750	D244	N3LEE ²	Cumberland, RI
927.6875	131.8	KA1DTA	Taunton
927.7125	131.8	KB1HTO ³	Norton
927.7625	67.0	KA1EZH	N. Prov., 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
927.8625	D031	NN1D/4004	Fall River

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

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

ANSWER: HAMMIN' AROUND

What circuit is added to an FM receiver to restore attenuated lower audio frequencies? A de-emphasizer network. This is done so the receiver can emphasize the lower audio frequencies and thereby suppress higher audio frequency noise effects.

ANSWER: SUDOKU³

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