



ZERO BEAT

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



Since 1932

Volume 47 Issue 11

SEMARA-W1AEC

November 2011

It Finally Happened!

NEW FLOORING—NEVER LOOKED SO GOOD



HALF THE NEW FLOOR COVERED TO ALLOW REST OF FLOOR TO BE INSTALLED



September 24, 2011 — A date long in coming! The clubhouse was built more than twenty years ago. SEMARA has been waiting very patiently for something other than subflooring to grace the meeting hall. At the last business meeting, a proposal was brought in by **Armand-W1BUG** for a new floor to be installed. After a small discussion about the thickness of the underlayment to be added, the thickness of the floor tiles and their color, it was voted to go ahead with this project.

As the pictures show, the floor was cleared with all the desks, file cabinets, and bookcases moved to one half of the meeting hall.

The first picture (all pictures were supplied by **John -W1ZYV**) shows the new floor in all its glory. You will appreciate that everything that is put back on the new floor will have to have



20-YEAR PLUS SUBFLOORING STILL TO BE COVERED

rubber feet or nylon pads attached to prevent scratching and/or making indentations in the tiles.

See, that's what happens when you move from a 'garage' into a 'house.'

Armand-W1BUG, this project was long over due.

Thanks for getting on it.

May the newness not wear off too soon.

ZERO BEAT

Published online monthly
 ©2011 Southeastern Massachusetts
 Amateur Radio Association, Inc.
 54 Donald Street,
 South Dartmouth, MA 02748
 (508) 997-7070

EDITOR: Bob Kelley—K1KVV
 E-mail: [editor\[at\]semara\[dot\]org](mailto:editor[at]semara[dot]org)
 SEMARA: <http://www.semara.org>
 E-mail: [w1aec\[at\]semara\[dot\]org](mailto:w1aec[at]semara[dot]org)

2011 SEMARA OFFICERS

President
 Marcel Dumont—W1MLD
 Vice President
 Bob Kelley—K1KVV
 Secretary
 Marc Dumont—KB1ODE
 Treasurer
 Mike McDonald—KB1NB
 Directors:
 Joe Krisnowsky—N1IXC
 Brad Paiva—W1BEP
 John Walsh—W1LSH
 Trustees: (year term is up)
 Tim Smith—N1TI (2011) chair
 Henry Blanchett—W1GYL (2012)
 John Walsh—W1LSH (2013)
 Louis Mester—W1CH (2014)
 Joe Krisnowsky—N1IXC (2015)

STANDING COMMITTEES

Building and Grounds
 Dave Dean—K1JGV
 Marty Jordan—KA1YFV
 Scholarship
 Sonny Eddleston—K1USW – chair
 Chuck Moszczenski—KB1FRL
 Alan Dulong—WB1FQP
 Joe Krisnowsky—N1IXC
 Technical/Repeater/Website
 Dave Goldstein—W1DJG: Technical
 Rick Cabral—W1RJ: Repeater
 Rick Cabral—W1RJ: Website
 Ben Jackson—N1WBV: facebook

SPECIAL COMMITTEES

Activities
 VACANT
 ARES/SKYWARN/RACES
 Rob Macedo—KD1CY
 QSL Manager
 John Nery—WA1ESO
 Radio Events
 Bob Kelley—K1KVV
 Tech Talk
 Brad Paiva—W1BEP



It seems to me ...

that we are having fun! The nets seem to be doing well. According to **Dick-K1AHA**,

“Both of my nets are doing well with about 4 or 5 people on 10-m and 6-m lately. We sometimes go to 10 to 15 after nine. Usually, It's **N1HCW, W1BEP, W1POW, K1PGS, WA1PLT, W1VRP** and me on 10-m. On 6-m, we have **N1HCW, W1POW, W1BEP, K1PGS** and me.

Some guys do not have 6-m Radios.

On 75-m*, there is usually **KB1EVX, W1POW**, and me when I wake up in time, mostly on Tuesdays.

I'm hoping in near future, we might have **WA1FNM-Andy** and Steve up in Maine join the group. I have been helping Andy with his antenna problems lately. **73, Dick-K1AHA”**

**75-m net is now meeting on the (old) 3868 kHz (LSB) frequency.*

On another note, **Dave-K1JGV**, Building & Grounds Chairman says,

“Building & Grounds is allowed to spend \$100/month for maintenance. Therefore, I am taking the responsibility as Building & Grounds Chairman to spend them on some immediate needs. First on the list is to replace a rusty old space heater that is currently used to heat the underside of the club where the water pipes enter the building. This heater works poorly, is ready to fail and must be replaced. Procrastinating is not an option. The bottom line here is safety. A thermostatically controled, commercial pipe-wrap system will be bought to prevent a freeze-up in the winter. This is one of those times when I just need to act.

In ham radio, 73, **Dave-K1JGV**, Building & Grounds

POINT TO PONDER

Leaders do not need to have all the answers.
 Leaders need to be able to ask the right questions.

~Anonymous

HAMMIN' AROUND

Question* G4A05 What is a purpose of using Automatic Level Control (ALC) with a RF power amplifier?

- A. To balance the transmitter audio frequency response
- B. To reduce harmonic radiation
- C. To reduce distortion due to excessive drive
- D. To increase overall efficiency

* 2015 Element 3 General Class Question Pool (good thru 2015-06-30)

Answer on page 8.

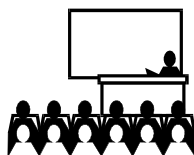
Club Notes

November is the month when things should be happening at SEMARA.

Also, look at our website for the latest postings: <http://semara.org>.



Tech Talks: This space reserved for announcements about the Tech Talk. **Brad, WIBEP**, is now in charge. Let him know what topics will get you out.



Next VE Session - December 3.

Tony-NN1D offered a Tech class in October to more than two dozen (27) interested folks. 17 took the Tech exam and all passed! Wow, fine business Tony.



Genesis Amateur Radio Society is giving a General class in November (see p. 6).



Can an Extra class be far behind (see p.5)?



NEXT SEMARA VE SESSION

December 3, 2011

Clubhouse @ 10:30 AM

Contact: Larry Houbre-AAIFS

<[exams\[at\]semara\[dot\]org](mailto:exams[at]semara[dot]org)>

508-991-6055



Club Numbers

GPS Coordinates:

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

Maidenhead Grid Coordinates: FN41mo

For FISTS Sprints: FISTS #10555

LOCAL NETS

Everyone is welcome to check in!

147.000+ (PL 67.0 Hz) (FM) — Massachusetts RACES Drill (Region 2, Sector A) is held on the first Monday of the month at 7:30 PM.

50.200 MHz (USB) — Net is held Wednesdays at 8:30 PM. Dick, K1AHA (Dartmouth) is net control.

28.490 MHz (USB) — Net is held Tuesdays at 8:30 PM. Dick, K1AHA (Dartmouth) is net control.

3868 kHz (LSB) — SEMARA Morning Net is held weekdays from 7:30-8 AM ET.

LOCAL REPEATER DIRECTORIES

See <http://www.nerepeaters.com/se.htm>

144 (<http://www.nerepeaters.com/2m.htm>)

222 (<http://www.nerepeaters.com/222.htm>)

440 (<http://www.nerepeaters.com/440.htm>)

902 (<http://www.nerepeaters.com/902.htm>)

(for stations within 35 miles of SEMARA, see current listings on p. 7)

Sudoku

Here is an easy Sudoku puzzle to solve while waiting for the net to start. (Solution on p. 8.)

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

Official Meeting Minutes



October 6, 2011

The meeting was called to order at 7:03 p.m. by the President, **Marcel (W1MLD)** with salute to the flag. The roll was called with 20 members and 1 guest present. A moment of silence was held for **Joseph Hampson (W1JFI, SK)**.

SECRETARY'S REPORT

The Secretary's Report was not read as the secretary was delayed to the meeting. Copies were posted on the bulletin board and *Zero Beat*.

TREASURER'S REPORT

The Treasurer, **Mike (KB1NB)** reported that the current balance is \$29,111.00 with monies still outstanding from Netcom.

STANDING COMMITTEES

Buildings and Grounds

Dave (K1JGV) brought up the subject of garbage removal from the building. After some discussion a motion was made to purchase bags so trash can be disposed of in town. The motion was seconded and passed, with one opposed.

Technical

Dave (W1DJG) has been doing work on the Log Periodic antenna, repairs are still in progress. There was also some discussion regarding the new camera system.

Scholarship

Joe (N1IXC) stated that they would begin sending information to the schools next month.

SPECIAL COMMITTEES

ARES, RACES, SKYWARN

Joe (N1IXC) stated there would be a RACES drill on Monday and also there will be some changes made soon as there is a new RACES Director for the State.

Activities

Marcel (W1MLD) stated proceeds from the recent Flea Market brought in \$400.00 for the Drake radio and \$200.00 from the door admission.

Radio Events

Bob (K1KVV) mentioned several upcoming events. He also brought up the possibility of a special event to commemorate SEMARA's 80th anniversary and suggested some possibilities.

COMMUNICATIONS

Bob (K1KVV) stated that condolence was sent to the family of **Joe (W1JFI-SK)** through the funeral parlor.

RATIFICATION OF NEW MEMBERS

An application for membership was received from **Kenneth Kavaljian (KB1KVL)**, who introduced himself at the meeting. A motion was made, seconded and unanimously voted to accept Ken as a member.

OLD BUSINESS

There was some brief discussion regarding the 220 system connecting to IRLP, the amplifier on the 2M repeater and the wireless link between the main building and the remote repeater shack.

Bob (K1KVV) stated that he had been in contact with **Joe (W1JJC)**, admitted into membership at the last meeting. He was already a Life Member at the time. When contacted about refunding the \$25.00 fee he had submitted with his application, Joe donated the funds to the club.

NEW BUSINESS

Armand (W1BUG) brought several estimates (already passed through Finance Committee) and samples for flooring in the building. Estimates ranged from \$2675.00 to \$5280.00. After some discussion a vote was taken to choose commercial vinyl tile with ½ inch plywood over the existing subfloor. A motion was then made and seconded to appropriate \$4320.00 for **Ed Riando** to complete work on the floor. The motion passed unanimously.

Armand (W1BUG) then brought in an estimate (also passed through Finance Committee) for the amount of \$290.00 for replacing the front door and surrounding trim and threshold. After discussion a motion was made and seconded to appropriate \$290.00 for **Edward Roy** to perform these repairs. The motion was voted and passed unanimously.

Marcel (W1MLD) requested permission from the members to allow *Cypress Haven Trust* to use the building on October 11 for a short meeting, as has happened in the past. Cypress Haven Trust generally gives a donation for this. A motion was made, seconded and unanimously passed to allow Cypress Haven Trust use of the building.

FOR THE GOOD OF THE CLUB

Andy (WA1FNM) mentioned that a lot of old stuff is accumulating and asked that members to not leave unwanted items here. **Marcel (W1MLD)** thanked Andy for cleaning up the club and removing trash and other items.

Dave (W1DJG) mentioned that 10 meters is starting
(Continued on page 5)

SEMARA News

(Minutes continued from page 4)
to open up and working well.

Marcel (W1MLD) asked for volunteers to form a Nominating Committee to find nominees for SEMARA Officers to the next meeting. After some discussion it was decided to have in-house nominations at the next meeting and follow with elections in December.

Bob (K1KVV) mentioned that if there was to be a Christmas Party, the time to start planning should be soon. A vote was taken to estimate interest in such a party, with several showing interest. It was decided to bring ideas to the next meeting.

Dave (K1JGV) thanked **Eric (N1WCO)** for a good job running the recent Flea Market.

ADJOURN

A motion was made, seconded and unanimously approved to adjourn at 8:12 pm

Respectfully Submitted,

Marc M. Dumont (KB1ODE), Secretary

The 50/50 raffle was \$14.50/\$14.50



Extra Class Package

Can we use this material to impliment a *Do-It-Yourself* Extra class cooperative study session? Look it over and let's talk.

If we can get a few folks who really want to pass the exam, we can all get together and work to master the question pool. What do you think about meeting from 6:30-9:00 once a week for three weeks, say on Thursdays? This material is for the 2012 Amateur Extra license exam question pool, available at

http://www.nc4fb.org/wordpress/?page_id=2905

The package facilitates an 8-hour "in-person" CRAM session. Consider trying out this CRAM session to help yourself over the hump.

A free self-study program for the Amateur Extra license is available at

http://www.nc4fb.org/wordpress/?page_id=1619

Bob-K1KVV

This material is couesty of Fred-NC4FB.

The Temptation of Power!

What is it about power that makes some people crazy for it? Once they have a taste of power, they want still more.

In ham radio, more power is usually associated with getting higher power output by adding RF amplifiers. If 100 watts is good, 1,000 must be better, right? — Wrong!



What does the FCC say? In §97.313, **Transmitter power standards.** Section (a) says, "*An amateur station must use the minimum transmitter power necessary to carry out the desired communications.*"

There are good reasons for using lower power levels most of the time. *If the other station can hear you when you are using 100 watts, you are only wasting electricity to run more power than that.* Furthermore, higher power can cause your signal to be heard on adjacent frequencies (splatter) and at long distances. A high-power station can easily cause interference to other users on the band, but there is also a much greater chance of RF getting into nearby conductors where it causes bad things to happen.

Once upon a time, there was a ham who moved from a private single-family house where he had a complete, well-equipped station, including a linear amplifier for the HF bands. The linear wouldn't be practical in the new QTH. There wasn't room to get the wire antenna well away from the building. On air tests got good results braefoot; so, the linear was stored in a closet.

Well, you can probably guess what happened. The fellow was used to operating high power. Out came the linear and back into the ham shack. It wasn't long before the poor fellow had lost his ham radio privileges at his new QTH. He had set off all the fire alarms in his building. (RF on the long wire runs ...)

The relatively weak field from a 100 watt station might occasionally affect something in one's own home, but is seldom a problem next door. Bump the power up to 1,000 watts and you are asking for trouble.

My favorite reason to stick to lower power levels is that linear amplifiers only boost your transmitted signal. Linears do nothing at all to help you receive weak signals. You can get more bang for your buck by installing a better antenna system. Let's not use high power if we don't need it.

Adapted from article by Patrick Tice, WA0TDA in Handiham E-Letter - 12 October 2011

Amateur Radio News

Genesis ARS Offers General Class

Information found on the ema.arrl.org website

The Genesis Amateur Radio Society, in cooperation with Jordan Hospital, will conduct a General license class culminating in a volunteer exam testing session on *November 26, 2011*. The class sessions will be held at Jordan Hospital:

- ⇒ *Friday, November 11, 2011*
6:30-9:30 PM - Boynton Conference Room
- ⇒ *Saturday, November 12, 2011*
9:30 AM-6:30 PM - Scarzi Room
- ⇒ *Saturday Nov 26, 2011*
9:00 AM-6:00 PM - Funkhouser Room A
- ⇒ Walk-in registration for testing (all classes of Licenses) starts at 2:30 PM on Nov. 26; testing begins at 3 PM.

While not mandatory, it is recommended that candidates participate in all three classes. Registration is required due to limited seating.

To register, go to

www.genesisars.org,

download the registration form and email the completed form to

education.registration@genesisars.org.

If you have questions, please email *Chris Johnson* at n1ir@arrl.net; *Joe Reynolds* at ka1gdq@gmail.com or call 508-296-3622 (voice mail) or 774-222-2542 (mobile).

Center of Activity Frequencies

These centers of activity frequencies were established by IARU-promulgated gentlemen's agreements, and are not well understood by the amateur community at large. The IARU has advocated that contesting and other such activity be curtailed on or adjacent to them. All amateurs should be aware of these frequencies, and be cognizant of the fact that often stations requiring emergency assistance are not high powered stations with great antenna systems. Often they are mobiles, portables operating from the bush with a simple wire antenna or on a sailboat.

There is also a wealth of information on international emergency telecommunications on the IARU's Web site <http://www.iaru.org/emergency/>.

There are frequencies in each of the HF amateur allocations worldwide.

The Tampere Convention

When disaster strikes, communications links are often disrupted, yet for relief workers who arrive on the scene these links are essential. Victims of disasters are now able to benefit from faster and more effective rescue operations, thanks to the Tampere Convention on the Provision of Telecommunication Resources for Disaster Mitigation and Relief Operations. Before the Convention existed, the trans-border use of telecommunication equipment by humanitarian organizations was often impeded by regulatory barriers that made it difficult to import and rapidly deploy telecommunications equipment for emergency without prior consent of the local authorities. The treaty simplifies the use of life-saving telecommunication equipment.

The Tampere Convention calls on countries to facilitate the provision of prompt telecommunication assistance to mitigate the impact of a disaster, and covers both the installation and operation of reliable, flexible telecommunication services. Regulatory barriers that impede the use of telecommunication resources for disasters are waived. These barriers include the licensing requirements to use allocated frequencies, restrictions on the import of telecommunication equipment, as well as limitations on the movement of humanitarian teams.

The Convention describes the procedures for the request and provision of telecommunication assistance, recognizing the right of a country to direct, control and coordinate assistance provided under the Convention within its territory. It defines specific elements and aspects of the provision of telecommunication assistance, such as termination of assistance. It requires countries to make an inventory of the resources - both human and material - available for disaster mitigation and relief, and to develop a telecommunication action plan that identifies the steps necessary to deploy those resources.

Emergency Center of Activity Frequencies



On 15 meters, 21.360 MHz

On 17 meters, 18.160 MHz

On 20 meters, 14.300 MHz

On 40 meters, 7060 kHz

On 80 meters, 3760 kHz

LOCAL REPEATERS

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

———— **144 (within 35 miles of SEMARA)** ————

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

Frequency	CTCSS	Call	Location
145.110 -	67.0	NB1MA	New Bedford
145.130 -	151.4	WF1A	W Greenwich, RI
145.150 -	123.0	WA1DGV	Fall River
145.170 -	67.0	KAIRCI	Lincoln, RI
145.190 -	67.0	KAIRCI	Johnston, RI
145.210 -	192.8	N1JL	Coventry, RI
145.280 -	NXDN	WGIU	Taunton
145.300 -	Dstar	W1AAD	Portsmouth, RI
145.320 -	NXDN	KC1JET	Swansee
145.330 -	94.8	K1CW	Bristol, RI
145.350 -	100.0	N1BS	W Warwick, RI
145.420 -	Dstar	K1RFI	Fall River
145.450 -	100.0	W1SYE	Portsmouth, RI
145.490 -	67.0	W1SMA	Fairhaven
146.460+	67.0	KAIRCI	Lincoln, RI
146.655 -	88.5	K1RK	Falmouth
146.685 -	82.5	N1ZIZ	Plymouth
146.700 -		K1CR	Cranston, RI
146.715 -	67.0	K1NQG	Saunderstown, RI
146.730 -	67.0	W1SGL	E Sandwich
146.775 -		W1WNS or K1VNU	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	KAIRCI	Exeter, RI
147.000+	67.0	W1AEC	S. Dartmouth
147.015+	85.4	N1MIX	N Providence, RI
147.045+	141.3 or Dstar	W1HDN	W Warwick, RI
147.075+	67.0	KAIRCI	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	Bridgewater
147.195+	127.3	K1SMH	Attleboro
147.225+	67.0	WA1NPO	Whitman
147/280+		N1NTP	Cranston, RI
147.315+	67.0 or NXDN	WGIU	Plymouth
147.330+	173.8	W1AQ	Providence, RI
147.345+	88.5	KB1QL	W Tisbury
147.375+	110.9	N1YHS	Falmouth

———— **222 (within 35 miles of SEMARA)** ————

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

Frequency	CTCSS	Call	Location
223.780 -	88.5	N1PYN	Brockton
223.820 -	88.5	N1JBC	Newport, RI
223.900 -		KA1ABI	Coventry, RI
223.920 -		KA1LMX	Warwick, RI
223.960 -	127.3	KAIRCI	Johnston, RI
223.980 -		W1OP	Johnston, RI
224.040 -	67.0	KAIRCI	Lincoln, RI
224.140 -	100.0/110.9	N1YHS	Bourne
224.180 -	67.0	K1ZZN	Fall River
224.200 -	100.0	KA1MYV	Lincoln, RI
224.300 -	100.0	K1WYC	W. Warwick, RI

Frequency	CTCSS	Call	Location
224.440 -		KA1BRJ	Cranston, RI
224.560 -	88.5	KA1NXXS	Richmond, RI
224.620 -	88.5	N1LEO	Attleboro
224.760 -		KA1SOO	W. Warwick, RI
223.800 -	67.0	W1AEC	S. Dartmouth
224.860 -	67.0	N1JL	Coventry, RI
224.920 -	67.0/88.5	N1JBC	N. Providence, RI

———— **440 (within 35 miles of SEMARA)** ————

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

Frequency	CTCSS	Call	Location
441.350+	103.5	KAIRCI	Providence, RI
441.550+		SNP	Statewide, RI
441.750+	192.8	W1AQ	E. Providence, RI
442.350	103.5	WGIU	Portsmouth, RI
442.550+	67.0	WGIU	Assonet
443.150+	94.8	K1CW	Bristol, RI
443.400+	88.5	WGIU	Taunton
443.650+	167.9	N1JL	Coventry, RI
443.850+	141.3	AA1PL	Exeter, RI
444.050+	151.4	K1AST	W. Greenwich, RI
444.200+	88.5	N1NWX	Providence, RI
444.350+	88.5	W1ACT	Fall River
444.500+	67.0	KAIRCI	Lincoln, RI
444.550+	88.5	W1MV	Bridgewater
444.850+	88.5	W1EMA	W. Warwick, RI
446.375 -	67.0	KAIRCI	Little Compton, RI
446.475 -	142.2	N1MIX	Providence, RI
446.725 -		K1WYC	W. Warwick, RI
447.025 -	77.0	N1JBC	Johnston, RI
447.525 -	88.5	WA1TAQ	Portsmouth, RI
447.775 -	127.3	KAIRCI	Lincoln, RI
447.975 -	88.5	KA1IG	N. Attleborough
448.325 -	67.0/186.2	KC2GDF	Newport, RI
448.525 -	88.5	N1MIW	Providence, RI
448.925 -	88.5/127.3	K1CR	Providence
449.225 -	88.8/141.3	N1JBC	N. Providence, RI
449.325 -	127.3	KAIRCI	Johnston, RI
449.525 -		NN1D	Fall River
449.9375 -	NFM	W1WNS	W. Greenwich, RI

———— **902 (within 35 miles of SEMARA)** ————

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

Frequency	CTCSS	Call	Location
921.2000 (-12 MHz)		KAIRCI	Providence, RI
921.7000 (-12 MHz)		W1OP	Johnston, RI
921.9000 (-12 MHz)		WA1TAQ	Providence, RI
927.0375	D031	NN1D	Fall River
927.4125	67.0	N1OTY	Plymouth
927.4250	131.8	W1WCF	Bridgewater/Raynham
927.4625	103.5	WGIU	Assonet
927.5750	D051	N1UMJ	Rehoboth/Taunton
927.6125	100.0	KAIRCI	Lincoln, RI
927.6250	100.0/131.8	W1EHT	Pembroke
927.6500	D031/67.0	W1SMA	Dartmouth
927.6875	131.8	KA1DTA	Taunton
927.7125	100.0/131.8	KB1HTO	Norton
927.7625	67.0	KA1EZH	N. Providence, RI
927.7875	127.3	N1SEC	N. Attleboro
927.8375	67.0	W1AEC	S. Dartmouth

Some Radio Events

<http://www.arrl.org/contest-calendar>

Phone/CW/Digital modes

- Nov 12, 1400Z - Nov 13, 0200Z 1.8-28, 50
Kentucky QSO Party www.wkdx.com
- Nov 12, 1900Z - Nov 14, 0500Z 1.8-28, 50-440
CQ WE (Western Electric) cqwe.cboh.org
- Nov 19, 0000Z - Nov 20, 2359Z 50-1296
ARRL EME Contest www.arrl.org/contests

Phone/CW modes

- Nov 5, 1200Z - Nov 6, 1200Z 1.8-28
Ukranian DX Contest www.ucc.zp.ua
- Nov 19, 0000Z - Nov 20, 2359Z 1.8-28
Mongolia DX Contest
www.qsl.net/jt1kaa/radiosport.html
- Nov 19, 1200Z - Nov 20, 1200Z 3.5-28
LZ DX Contest lzdx.bfra.org

Phone only

- Nov 5, 1700Z - Nov 6, 0500Z 3.5-21
Radio Club of America QSO Party
www.radioclubofamerica.org
- Nov 12, 0700Z - Nov 13, 1300Z 3.5-28
Japan International DX Contest jidx.org
- Nov 19, 2100Z - Nov 21, 0300Z 1.8-28
ARRL November Sweepstakes www.arrl.org/contests

CW only

- Nov 5, 2100Z - Nov 7, 0300Z 1.8-28
ARRL November Sweepstakes www.arrl.org/contests
- Nov 12, 1200Z - Nov 13, 1200Z 1.8-28
OK-OM DX Contest okomdx.crk.cz
- Nov 26, 0000Z - Nov 27, 2400Z 1.8-28
CQ World Wide CW Contest
cq-amateur-radio.com

Local VE Sessions

Walk-ins permitted unless otherwise noted.

<http://www.arrl.org/find-an-amateur-radio-license-exam-session>

- SEMARA – 10:30 AM** December 3rd
Larry Houbre-AA1FS
[<exams\[at\]semara\[dot\]org>](mailto:exams@semara.org)
 508-991-6055
- Fall River, MA – 7:00 PM** November 21st
Skip Denault-KB1CNB
[<skip\[at\]newtestamentschool\[dot\]org>](mailto:skip@newtestamentschool.org)
 774-644-3469
- Falmouth, MA – 9:00 AM** November 12th
W. Ben Fleck-K2LYE
[<BenFleck\[at\]verizon\[dot\]net>](mailto:BenFleck@verizon.net)
 508-540-2583
- Providence, RI – 7:00 PM** November 10th
Louis Mester-W1CH
[<W1CH\[at\]arrl\[dot\]net>](mailto:W1CH@arrl.net)
 401-263-6045

Coming FLEAS & FESTS

www.arrl.org/hamfests/search

- 4 Nov **Feeding Hills, MA** HCRA Auction
 Jim-KK1W 413 245 3228
- 5 Nov **Londonderry, NH** IRS
 Chris-KB1QVM 603-434-6137
- 12 Nov **Bourne, MA** FARA Fest
 Ralph-N1YHS 508-548-0422

Answer: HAMMIN' AROUND

C. To reduce distortion due to excessive drive
 What is a purpose of using Automatic Level Control (ALC) with a RF power amplifier?

Answer: Sudoku 27

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

CLUB ACTIVITIES

BUSINESS MEETING
 7 PM First THURSDAY of the month
 SUNDAY RAGCHEW
 7-10 AM

MOST-OF-THE-TIME (call ahead)
 Meet at the clubhouse at 11:00 AM FRIDAYS
 Leave for LUNCHEON at 11:30 AM