

Ak-Sar-Ben Amateur Radio Club, Inc.
P.O. Box 24551
Omaha, NE 68124-0551
KØUSA 146.940(-)/224.940
Web Page: http://www.aksarbenarc.org



Membership Form 2010

AK-SAR-BEN Amateur Radio Club, Inc.

Ham Hum

Volume LX, Issue 12

December 2010

This form may be used for any of the following purposes (check all that apply):

- Pay Dues (New Renew)
- Change of Mailing Address
- Update personal information (new callsign, upgrade, etc.)

Personal Information

Callsign _____ License Class _____ Name _____

Address: _____ City: _____ State _____ Zip _____

Email Address: _____ ARRL Member? Yes No

Home Phone: _____ Work Phone: _____

Spouse Information (complete only for spouse applying at same time)

Callsign _____ License Class _____ Name _____

Email Address: _____ ARRL Member? Yes No

Minor Dependent (complete only for minors applying at the same time)

Callsign _____ License Class _____ Name _____ ARRL Member? _____

_____ Yes No

_____ Yes No

_____ Yes No

Annual Dues

(January thru December)

For Club Use Only – DO NOT WRITE IN THIS AREA

Full Member \$20.00 year Amount: _____

Accompanying Spouse \$ 4.00 year Amount: _____

Accompanying Minor \$ 4.00 year times number of minors renewing Amount: _____

Student Member (full time student) \$ 8.00 year Amount: _____

Total Paid: _____

Mail to:

Ak-Sar-Ben Amateur Radio Club, Inc.
P.O. Box 24551
Omaha, NE 68124

Is Ham Radio Dying?

By Dan Romanchik, KB6NU

If you've been around ham radio for even a year or two, you've no doubt heard or participated in the debate as to whether or not ham radio is dying. The question is as perennial as the grass.

Recently, this was a topic of discussion on the ARRL PR mailing list. Allen, W1AGP, the ARRL's Media & PR Manager, generated a chart to show that ham radio is NOT dying. It showed the number of licensees in the U.S. every year from 2005 to 2009.

(Is Ham Radio Dying continued on Page 4)

2010 AK-SAR-BEN ARC PROXY

This form is used to have your vote represented by a member attending the annual business meeting in the event you are unable to attend. If you cannot attend, decide on whom or what you wish to vote and instruct the recipient of your proxy to do so.

Known by all men by these presents, that the undersigned hereby constitutes and appoints _____ as attorney and proxy to appear and cast the votes which the undersigned, as a member of the Ak-Sar-Ben Amateur Radio Club, Inc., is entitled to cast at the annual meeting of said corporation, to be held at the Heartland Chapter House of the American Red Cross, 2912 South 80th Avenue, Omaha, Nebraska on December 10th, 2010, and at any adjournment thereof. The undersigned hereby instructs said attorney to vote:

1. For the election of new directors and officers of the corporation, and
2. Upon any other business which may properly be brought before the meeting of any adjournments thereof.

Member Signature: _____

Date: _____, 2010

HAM HUM is the official newsletter of the AK-SAR-BEN Amateur Radio Club, Inc. in Omaha, Nebraska. It is printed monthly and is distributed to members of the club, local disaster officials, local electronics outlets, and editors of other ham radio newsletters.

Articles about activities of members are solicited. The subject matter must be of general interest to radio amateurs and be understandable to a significant portion of the membership. No payment will be made to contributors and submissions will be subject to the usual editorial review. Articles containing statements that could be construed as libel or slander will not be accepted. No guarantee can be made that an accepted article will be published by a certain date. Send your contributions to Ham Hum, P.O. Box 24551, Omaha, NE 68124-0551 or email hamhum@aksarbenarc.org. Please contact the editor for permission to reprint anything appearing in the Ham Hum.

For Sale

SWAN 500 HF transceiver w/CX-117 pwr/supply & Turner mic: \$175. **ALINCO DR-1200T** 2M data radio. No mike but a Kenwood will fit: \$50. **DENTRON Super Tuner** handles 1 kW (some say 3kW); works: \$80. **UNIDEN HR-2600** 10M transceiver. This is the later model, not 2510. It has FM and repeater offsets: \$110.

Call Steve NØORU, (712) 762.4214

HY-GAIN V2R 2M omni antenna. Also **HY-GAIN V4R** 440 omni. Both in good condition. 'R' model is rated at 500W. \$25 ea. or 2/\$40.

Call Wayne KE6DZD, (402) 292.1727

Club Officers & Board Members

President	John Gebuhr	WBØCMC	402-932-3443	wb0cmc@cox.net
Vice President	Bill McCollum	KEØXQ	402-690-7965	ke0xq@cox.net
2009-2010 Board (Secretary)	Greg Carlson	N7JOD	402-305-2009	revgreg1@gmail.com
2009-2010 Board	Marvin Taylor	AEØEG	402-556-3668	AEØEG@arrl.net
2010-2011 Board	Jim Harper	KCØSHZ	402-659-0102	kc0shz@yahoo.com

Standing Committee Chairs

Public Service/Emergency	Jim Harper	KCØSHZ	402-659-0102	kc0shz@yahoo.com
Education	Open Contact	John Gebuhr	wb0cmc@cox.net	for more information
Membership	Mary Joseph	NØTRK	402-492-9156	n0trk@arrl.net
Publications	Bill Wilkinson	KCØSVZ	402-397-8803	kc0svz@yahoo.com
Web Services	Mary Joseph	NØTRK	402-492-9156	n0trk@arrl.net
Monday Night .94 Net	Rich Swig	WAØZQG	712-256-7774	wa0zqg@yahoo.com
QSL Manager & Technical	Ed Edwards	KØIL		k0il@arrl.net
Prizes	Rollie Miller	ABØNN		

Repeater Committee

Chairman	John Gebuhr	WBØCMC	402-932-3443	wb0cmc@cox.net
Vice Chairman	Darrel Swenson	KØAWB	402-690-0000	dswenson@wearne.net
Member	Steve Schmitz	NØUP	402-306-2972	n0up@arrl.net
Control Operator	Mary Joseph	NØTRK	402-492-9156	n0trk@arrl.net
Club Callsign Trustee	Corby Krick	KØSKW	402-540-5483	k0skw@k0skw.net

Other Contacts

Exams/Vol. Council	Brian Zdan	KMØY	402-553-2610	bzdan@novia.net
Special Events Coordinator	Pat Joseph	KØCTU	402-492-9156	ppjoseph@cox.net
ARRL Midwest Director	Clifford Ahrens	KØCA	573-221-8618	k0ca@arrl.org
ARRL Midwest Vice-Director	Rod Blocksome	KØDAS		
NE Section Manager	Art Zygielbaum	KØAIZ	402-421-0839	KØAIZ@arrl.org
Official Observer Coordinator	Bill McCollum	KEØXQ		ke0xq@cox.net
EC Douglas County	Steve Schmitz	NØUP	402-306-2972	n0up@arrl.net
EC Sarpy County	Dennis Mitchell	KCØYKN		

December Meeting

The next meeting of the AARC will be on Friday, December 10th at 7:30 PM. The location is the Heartland Chapter House of the American Red Cross at 81st and Spring (near 84th and Center). The subject will be club leadership.

AARC on the Web

Club Web Site: <http://www.aksarbenarc.org/main/>

Facebook: <http://www.facebook.com/group.php?gid=325594348836>

Yahoo! Groups: <http://groups.yahoo.com/group/AKSARBENtalk/>

HBQRP Celebrates Six Years

On November 13, 2010, the Midwest Home Brewers and QRP Group met at the Bredeaux Pizza restaurant in Ashland, Nebraska for their sixth anniversary. Attending were: Donald ACØTS, Joe KØNEB, Arnie KAØNCR, Bill KCØSVZ, Jim KGØRD, Brian KMØY, Laurence N2ZHK, Ray N5SEZ, Dar W9HZC, and Steve WBØQQT. About half of the people there were also present at the first meeting in early November of 2004.

The event started at about 11 AM. People set up their equipment in the back room and ordered lunch from the Bredeaux menu. The food tasted too good to be healthy. After lunch, there were door prizes: N5SEZ won some shrink tubing, WBØQQT a flashlight, and KGØRD a DVM. Then the meeting began.

The group discussed two upcoming projects. One was designing and building a soldering iron temperature control circuit using existing components—such as a modified light dimmer. A temperature controller could come in handy when working on a kit and all that's available is a 100-watt soldering iron.

The second project is more ambitious: Design a 25-watt SSB/CW transceiver from the ground up as part of the ARRL Homebrew Challenge III contest (<http://www.arrl.org/homebrew-challenge>). N5SEZ took the floor and described in detail what would be needed to design and build the receiver and single sideband circuits. KGØRD was providing input for this part of the project; others were going to work on other sections of the transceiver. Note that it's a complex project that will take a long time. The ARRL set a November 1, 2011 deadline for submitting the working transceiver.

During the discussion, several other things were going on: KØNEB was building a Hendricks NADC-40 CW transceiver (NADC = Nearly All Discrete Components), N2ZHK and ACØTS were working together on a NorCal S9 Signal Generator, and W9HZC was passing out birthday cake.

In all, it was fun and educational (and filling) afternoon. You can find pictures of the event at the HBQRP web site at <http://www.hbqrp.org/>. If you're interested in attending, the next meeting is scheduled for December 11th at Bredeaux Pizza in Ashland at 11 AM.

Bill KCØSVZ

Net Hour Violation

The Monday night net on .94 began exactly on time, but an hour later, 2 minutes past actually, it was still going, potentially usurping time from any net beginning that hour. These guys witnessed it.

Rich	WAØZQG	N/C
INFO NET	29 Nov 2010	
Art	KBØUWR	E. Co/B1fs
Dave	WA6SWJ	Flux 82, K8, A1
Derek	KDØINN	O&O Defrag pgm
Ron	KCØMXX	Apple IIgs 1987
Steve	NØXII	So. OMA
Norm	WAØJYD	Apple IIe basmt.
Rick	KE4YQD	SWI 12/28, 03/05
Neal	KØNRH	IC-21A xtal rig
Ed	KDØCVG	No. OMA
Chris	KDØMXI	Lincoln NE

Much of the conversation centered on computers, but Dave SWJ did give us an update on Solar Flux, the figures a few days earlier [76, 5, 2] improving to [82, 8, 1] (for Flux, K index, A index).

Dennis NØGPD who now lives in AZ used to have an Apple IIgs that loaded the entire floppy in memory and sorted the data there, a faster way to turn on. Ron MXX had a IIgs in 1987, and Norm JYD has a IIe in his basement right now. Works.

Neal NRH (Vanity call – his initials) checked in on .94 simplex using an old crystal IC-21A, 22 channels and 44 crystals. He wasn't sure what freq was in the next channel so we listened around and found him on .76 simplex. He needs to figure out all those channels and how to access the repeater input freqs if there are any.

The fun part came near the end of the net, a quarter to 10 when Chris MXI checked in from Lincoln. We had fun figuring out some phonetics for him, and later got his E-Mail and bombarded him with info. How about these adaptations for MXI?

My Transmitter's Inop (XMTR)
 Motorola kills ICOM *
 (refers to the fact MOTOROLA digital audio
 sounds better than ICOM's D-Star)
 My X-Ray's Intriguing
 Mary Loves Irving

Chris MXI has a new 75 Watt Yaesu 2900 and uses a Pyramid 20A power supply and copper pipe J-Pole. He was using 30W to get into .94.

It was such a good net that at the end we weren't too apologetic about going over the time limit, that and the fact none of the local OOs¹ were checked in so we're hoping to get away without a pink slip.

de N/C Station

¹ Official Observer

Contest Calendar

December, 2010

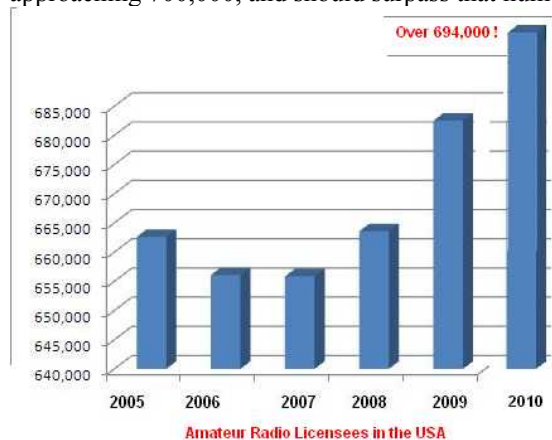
AWA Bruce Kelley Memorial CW Contest	2300Z, Dec 11 to 2300Z, Dec 12
NA High Speed Meteor Scatter Winter Rally	0000Z, Dec 11 to 0200Z, Dec 16
MDXA PSK DeathMatch	0000Z, Dec 11 to 2400Z, Dec 12
ARRL 10-Meter Contest	0000Z, Dec 11 to 2400Z, Dec 12
Feld Hell Sprint	0000Z-2400Z, Dec 11
International Naval Contest	1600Z, Dec 11 to 1559Z, Dec 12
SKCC Weekend Sprint	0000Z-2400Z, Dec 12
CQC Great Colorado Snowshoe Run	2100Z-2259Z, Dec 12
NAQCC Straight Key/Bug Sprint	0130Z-0330Z, Dec 15
QRP Fox Hunt	0200Z-0330Z, Dec 15
QRP Fox Hunt	0200Z-0330Z, Dec 17
NCCC Sprint Ladder	0230Z-0300Z, Dec 17
Russian 160-Meter Contest	2100Z-2300Z, Dec 17
AGB-Party Contest	2100Z-2400Z, Dec 17
OK DX RTTY Contest	0000Z-2400Z, Dec 18
RAC Winter Contest	0000Z-2359Z, Dec 18
Lighthouse Christmas Lights QSO Party	0001Z, Dec 18 to 2359Z, Jan 2
Croatian CW Contest	1400Z, Dec 18 to 1400Z, Dec 19
Stew Perry Topband Challenge	1500Z, Dec 18 to 1500Z, Dec 19
ARRL Rookie Roundup, CW	1800Z-2359Z, Dec 19
ARCI Holiday Spirits Homebrew Sprint	2000Z-2400Z, Dec 19
Run for the Bacon QRP Contest	0200Z-0400Z, Dec 20
SKCC Sprint	0000Z-0200Z, Dec 22
QRP Fox Hunt	0200Z-0330Z, Dec 22
QRP Fox Hunt	0200Z-0330Z, Dec 24
RAEM Contest	0000Z-1159Z, Dec 26
DARC Christmas Contest	0830Z-1059Z, Dec 26
QRP Fox Hunt	0200Z-0330Z, Dec 29
QRP Fox Hunt	0200Z-0330Z, Dec 31

January 2011

AGB New Year Snowball Contest	0000Z-0100Z, Jan 1
SARTG New Year RTTY Contest	0800Z-1100Z, Jan 1
AGCW Happy New Year Contest	0900Z-1200Z, Jan 1
AGCW VHF/UHF Contest	1400Z-1659Z, Jan 1 (144) and 1700Z-1759Z, Jan 1 (432)
Original QRP Contest	1500Z, Jan 1 to 1500Z, Jan 2
ARS Spartan Sprint	0200Z-0400Z, Jan 4
QRP Fox Hunt	0200Z-0330Z, Jan 5
QRP Fox Hunt	0200Z-0330Z, Jan 7
NCCC Sprint Ladder	0230Z-0300Z, Jan 7
Hunting Lions in the Air Contest	0000Z, Jan 8 to 2400Z, Jan 9
MI QRP January CW Contest	1200Z, Jan 8 to 2359Z, Jan 9
WW PMC Contest	1200Z, Jan 8 to 1200Z, Jan 9
Midwinter Contest, CW	1400Z-2000Z, Jan 8
North American QSO Party, CW	1800Z, Jan 8 to 0600Z, Jan 9
ARRL RTTY Roundup	1800Z, Jan 8 to 2400Z, Jan 9
EUCW 160m Contest	2000Z-2300Z, Jan 8 and 0400Z-0700Z, Jan 9
NRAU-Baltic Contest, CW	0630Z-0830Z, Jan 9
Midwinter Contest, Phone	0800Z-1400Z, Jan 9
NRAU-Baltic Contest, SSB	0900Z-1100Z, Jan 9
DARC 10-Meter Contest	0900Z-1059Z, Jan 9

For details, check: <http://www.hornucopia.com/contestcal/index.html>

This chart as drawn a good example of how you can lie with statistics. The y-axis started at 640,000, so the rate of increase in the number of licensees looked quite dramatic. Even so, the good news is that the number of licensees is quickly approaching 700,000, and should surpass that number shortly.



Upon seeing this chart, Jerry, N9TU, did a little statistical analysis of his own. Of the 83 licensees in his zip code, nine are deceased and one has expired. There are four Novices, 36 Techs, 18 Generals, 5 Advanced and ten Extras.

From this data, he deduces, "If this is an average sampling of deceased members, expired members and club licenses, there are roughly 90,000 fewer licensees than shown in the data nationwide. I

have no clue of the error rate involved with my data. Your results may vary." My guess is that his zip code is probably pretty typical, and that his analysis is essentially correct.

There's also the question of activity. It's my guess that nearly half of all licensees are inactive, and that if we could figure out a way to activate those hams, then we'd really be able to say that our hobby is not dying. It's something worth thinking about, but there's certainly no easy answer to this problem. As Yogi Berra is purported to have said, "If people don't want to come out to the ball park, there's nothing you can do to stop them."

Overall, though, I think the numbers are headed in the right direction. Ham radio is NOT dying. Let's all keep up the good work.

When not pondering whether the reports of ham radio's death have been greatly exaggerated or not, Dan operates CW on the HF bands, teaches ham radio classes, and blogs about ham radio at www.kb6nu.com. All comments welcome and appreciated. E-mail them to cwgeek@kb6nu.com.

Dan KB6NU



Prez Sez

Unfortunately, I will be unable to be at the December meeting. I will be /HH re-assembling a relatively new solid state TV transmitter and putting it on the air. It is to replace an over-50-year-old tube-type RCA transmitter that is still in pretty good shape.

Bill KEØXQ and I have had several conversations and would like to see some better participation in the club. I think we have made a good start but more needs to be done. If you have a little time on your hands during the year, why not run for an elected position with the club? It's a good way to help with the hobby locally and doesn't take that much time. I speak from experience. I hope all goes well.

See y'all in January.

John Gebuhr WBØCMC, President AARC



Veep Speeks

I apologize for not attending the November meeting. By the time I got off work, I had driven almost 500 miles that day and worked 12 hours. I would have been asleep at the meeting. The weather was not the greatest either that evening.

It is time for you as members of the AKSARBEN Amateur Radio Club to choose officers for 2011. Each year it becomes more difficult getting people to run for office. I know that KCØSHZ, WBØCMC and myself decided to step up to the plate and try and save the club from disbanding. KCØSHZ graciously stepped down from seeking office.

Attempts have been made to increase the number in attendance with having programs at each of the meetings as well as door prizes. I have discussed it with John; if there were no takers for Vice President, I would be willing to stay on as VP.

We would like to see some "New Blood" take leadership in the club. There are always plenty of members in the club that complain about the way the club is being run, but are they willing to get involved? The answer is NO!

I am planning on "retiring" from my full time job on June 15, 2011. That could change due to many factors. I want to enjoy the hobby full time. I know that many of you are retired and along that same line many of you are still working. It doesn't take a whole lot of time to be a club officer. Please consider running for an office.

73 and Happy Holidays.

Bill McCollum KEØXQ, Vice President AARC

November Door Prize

The November Brown Bag mystery prize went to Mitch WBØGBI It was a digital multimeter. Note that the proceeds from previous meetings have been going towards a really good door prize for the December meeting, so be sure to show up.

Puzzle

Last month's puzzle was a tough one. No one at the November meeting could figure it out. In fact, solving it was even difficult for a retired electronics engineer (K6LH) when he was presented with it—at least until he realized that the "i" in the equation referred to the square root of -1. (As you may know, in electronics, the letter "j" is usually used for this purpose since *i* indicates instantaneous current.)

To review, Claudia KCØSQX presented the following equation and challenged readers to show the solution and state what the equation proves.

$$\int_0^4 iit \, dt$$

1. The solution:

let $f(t) = iit$ then

$$F(t) = \int f(t) \, dt = \int iit \, dt = \int i^2 t \, dt = \int -t \, dt = -\frac{1}{2}t^2$$

$$\int_0^4 f(t) \, dt = F(4) - F(0) = \left(-\frac{1}{2}4^2\right) - \left(-\frac{1}{2}0^2\right) = (-8) - (0) = -8$$

2. A clue at what the equation proves was hinted at in last month's article when it mentioned that Claudia used to tutor mathematics at the Illinois Institute of Technology. In her words:

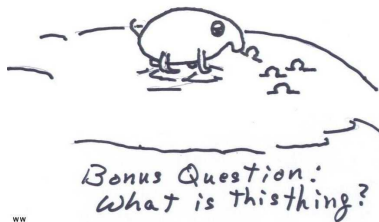
This equation proves that four years at the Illinois Institute of Technology (IIT) causes one to lose eight years of life. (This was found on a bathroom stall door at the school.)

iit is the Illinois Institute of Technology initials.

$$i = \sqrt{-1} \quad \text{so} \quad iit = i^2 t = -1 \times t = -t$$

This month's puzzle is from Star Trek fan, Pat KØCTU: "When you put a stated amount of tribbles in an adequately large storage compartment, and given the stated rate of population growth, what would the population inside that storage compartment be after the stated period of time?" The prize for giving the right answer at the December meeting is bragging rights. The answer will appear in a future issue of *Ham Hum*.

Note: If you have a puzzle that others might find interesting, please submit it to the Ham Hum. It may be about ham radio, something technical, or something just generally geeky.



Letter of Appreciation from Heartland REACT

Corby Krick, KØSKW
Repeater Trustee, Aksarben Amateur Radio Club
13014 Ogden Circle
Omaha, NE 66164

Dear Aksarben ARC,

Heartland REACT and it's members would like to express it's gratitude to the Aksarben Amateur Radio Club and Corby Krick, repeater trustee of the KØUSA repeater on 146.940 MHz for it's use on August 15th for the Corporate Cycling Challenge as well as other events earlier in the year.

The use of this repeater was instrumental in providing reliable communications during these events. The Corporate Cycling Challenge started in downtown Omaha, ran up to Fort Calhoun, and then returned to Omaha. Derek Loseke, KDØINN performed Net Control duties, and reported that the repeater functioned perfectly with excellent coverage throughout the entire route. Heartland REACT would have struggled with communications during this event had it not been for broad footprint that this repeater provided for these events.

Heartland REACT looks forward to working more with the Aksarben ARC in the future as it completes it's transition to Amateur Radio bands, and developing new partnerships with the ham operators in the community to provide even better public services for the Omaha metro.

Jason Tunzer, KCØUJT
President, Heartland REACT

CC: John M Gebuhr, WBØCMC
President, Aksarben Amateur Radio Club
2340 N 64th St.
Omaha, NE 66104-4032

Upcoming Events

- | | |
|--------|--|
| Dec 9 | Douglas Co. Emergency Management Volunteer Holiday Party, 6:00 PM DJ's Dugout, 2440 Cornhusker Road, Bellevue, NE. |
| Dec 10 | AK-SAR-BEN ARC Business Meeting, 6:30 PM Red Cross, Omaha. |
| Dec 10 | AK-SAR-BEN ARC Club Meeting, 7:30 PM Red Cross, Omaha. |
| Dec 11 | HBQRP Meeting, 11:00 AM Bredeaux Pizza, Ashland, NE. |
| Jan 14 | AK-SAR-BEN ARC Business Meeting, 6:30 PM Red Cross, Omaha. |
| Jan 14 | AK-SAR-BEN ARC Club Meeting, 7:30 PM Red Cross, Omaha. |

Note: If you know of an event of general interest to AARC members that is taking place between 14 January and 11 February, 2011 and want it included in the next issue of the Ham Hum, please submit it by January 5, 2011.

November Directors' Meeting Minutes

(*Note: The club secretary, Greg N7JOD, wasn't able to attend the November meeting, so Brian KMØY stepped up to take the minutes for both the Directors' and Business meetings.*)

Minutes of the Ak-Sar-Ben Amateur Radio Club board meeting November 12, 2010. President John WBØCMC convened the meeting at 6:45 PM. Board members and others present, besides WBØCMC, were Marvin AEØEG, Steve NØUP, Bill KCØSVZ, Corby KØSKW, Rollie AAØBN, Bill WA9ASD, and Brian KMØY, who took minutes as acting secretary. WBØCMC declared that the meeting lacked a quorum.

Bill KCØSVZ indicated that he needed more toner cartridges for printing *Ham Hum*. Following discussion, WBØCMC instructed KCØSVZ to buy the required cartridges and to submit an expense request for reimbursement. NØUP reported that the club has not yet cashed a membership check from KS8K and family.

WBØCMC said that, on the previous Tuesday, he brought down the ATV box from the KPTM tower. The board discussed food for the December membership meeting. WA9ASD inquired about permissible uses of the club's finances. Discussion followed. NØUP indicated that the club intends to buy a mobile antenna mast. WA9ASD said he would run for office at the December election.

WBØCMC adjourned the meeting at 7:29 PM.

November Business Meeting Minutes

Minutes of the Ak-Sar-Ben Amateur Radio Club membership meeting November 12, 2010. President John WBØCMC convened the meeting at 7:30 PM. Following the pledge to the flag, the members reviewed the minutes of the October meeting, which were approved as published. AEØEG presented the treasurer's report. He noted the recent expense of a \$320 insurance premium. WBØCMC admitted the treasurer's report into the club's records.

NØUP reported that the club must list KETV as an "additionally insured" party on the club's insurance certificate. Although he ran out of ink, KCØSVZ indicated that the latest issue of *Ham Ham* is in the hands of members.

Committee reports: KCØSVZ has scheduled an earlier publication date for *Ham Hum*. WBØCMC reported that the repeater is working well. There was no old business. Announcements followed. NØUP indicated that he would bring a sandwich platter from Jimmy John's and cookies to the December membership meeting.

WBØCMC adjourned the meeting at 7:48 PM

Respectfully submitted, Brian Zdan KMØY, Acting Secretary

Address Change?

If you've changed your mailing address, or would prefer to receive the *Ham Hum* via email, please contact Mary NØTRK (Membership) or Bill KCØSVZ (Publications) with your new information.

Treasurer's Report December 3, 2010

Main Checking	\$470.88	
Repeater Checking	\$1,152.12	
Savings	\$4,543.63	
CD life memberships	\$8,216.99	
CD life memberships	\$8,204.39	
Repeater CD	\$2,325.00	
		\$24,913.01
Deposits	\$0.00	\$0.00
Checks written	\$0.00	\$0.00
Total Balance		\$24,913.01

Marvin AEØEG

BARC General Class License Course

The Bellevue Amateur Radio Club (BARC) is offering a four-part class and testing for the General class Amateur Radio license.

- What: BARC uses the ARRL curriculum based on the the ARRL book *The ARRL General Class License Manual*.
- When: The dates are to be determined after we have eight (8) students signed up. We usually use four Saturdays in a row from 9 AM to 4 PM. A VE testing session will be held soon after class completion.
- Where: It will be held at Midlands Hospital in Papillion.
- How much: The cost of the course is \$25, which includes the ARRL book (retails for \$24.95).
- Who: For more information, contact Allen Long KØAAL at education@bellevuearc.org for more information.

The course can be a little intense since we cover a lot of material in four Saturdays. Instructors will present on the various topics and answer questions as we go. However, it is expected that the student will prepare for the exam by reviewing the license manual and other study aids. We also highly recommend using the available on-line testing to hone your knowledge.

The current General class question pool was effective July 1, 2007 and is valid through June 30, 2011.

Want a head start? If you'd like to get your hands on the book before the class starts, let us know and we'll get you enrolled and get the book to you!

Stan Klein, Sr., WØCHF