



Volume VXXVI Issue 2

February 2007

Meetings:
The Board of Directors meet at 7:30pm on the second Thursday of the month. All members are welcome to attend.

Newsletter of the Bellevue Amateur Radio Club (BARC)
7518 Chandler Hills Dr., Bellevue, NE. 68147-2108
Established in 1959 and Celebrating 48 Years as a Club

**February is
 "Sweetheart Dinner" month.**

The General Membership Meeting is held on the third Thursday of the month at 7:30pm in the Bellevue Masonic Lodge dining hall, 1908 Franklin St. Directly west of Washington Park on Franklin St.

Since it is the day after Valentines, The Social Committee is hosting a dinner before the meeting on February 15th. Dinner starts at 6:00 p.m. Menu: Lasagna, tossed salad w/dressing, garlic bread, coffee or iced tea, and Valentines Cookies with Sherbet Ice Cream for dessert.

Cost is \$8.50 for adults and children over age 12. \$4.50 for children 12 and under.

Contact KCØHLB, Barb, at kc0h1b@arrl.net, or KBØOUO, Ladonna at ladmclark@yahoo.com to make a reservation. Spouses, families, and/or significant others are welcome to attend.



In addition there will be a raffle for a \$10 gift certificate to the Village Inn. Raffle Tickets will be \$1.00 each - 3 tickets for \$2.00. This gift certificate was donated to the Repeater Fund and all proceeds will go to the repeater fund.

Special points of interest:

- * More QRP pg 3
- * Board Minutes pg 4
- * Main Minutes pg 4
- * Feb. & Mar 07 Calendar pg 7
- * Spotter Training Pg 6
- * Get your license pg 8
- * Local nets pg 9
- * Local Get-togethers pg 10



Feb. Birthdays

CALL SIGN	FIRST	LAST
WØOXD	Robert	McFarland
WØWWH	Sid	Reade
KYØZ	Bruce	Reitan
	Mi Yong	Sheffield



*The Bellevue Amateur Radio Club (BARC)
 Proudly Operating the **WØWYV** Repeater on 147.39+
 And Maintaining the following Web Page Addresses:*

BARC Home Page—<http://www.bellevuearc.org>

Current Dues Schedule			
Full Membership	\$12.00	Family Membership	\$18.00
Student membership	\$6.00	First Time Ticket Holder no charge first year	

The **Spark Gap** is the Official newsletter of the Bellevue Amateur Radio Club and is published monthly. It is distributed the first week of the month prior to the regular meeting. **In order to facilitate this, the deadline for inputs is the last week of each month (I.E. last week of April for the May issue.)**

The minutes for all Executive Board meetings of the B.A.R.C. are available for viewing at the scheduled business meetings of the club. If you are interested in seeing the minutes, ask the Secretary to see the minutes at that time.

Current B.A.R.C. Officers			
President	Wayne Jorns	KE6DZD	
Vice-President	Jim Wescott	KAØKCV	
Secretary	Bob Frankland	KKØRF	KKØRF@cox.net
Treasurer	Tom Huber	WDØBFO	
Property Mgr.	Bill Venter	KGØAR	

Current Permanent Committees			
Spark Gap Editor	Dar Piatt	W9HZC	w9hzc@cox.net
Asst. Editor	Open		
Asst. Editor	Open		
SG Web page	Dar Piatt	W9HZC	
Club Web Page	Bob McCoy	NBØB	web@bellevuearc.org
Education	Bruce Reitan	KYØZ	Bdreitan@cox.net
Social	Barb Westcott	KCØHLB	hc0h1v@cox.net
Courtesy Committee	Wayne Jorns	KE6DZD	
Recruiting/Marketing & Events Committee	Ladonna Clark	KBØOUO	Ladmclark@yahoo.com
50th Anniversary Committee	Ladonna Clark	KBØOUO	
Publicity Committee	Joe Mastandrea	N2DLY	
Additional Standing Committees:	Joe Mastandrea	N2DLY	

And—the winner was!!

The 2006 Spark Gap Article Winner was NBØB, Bob McCoy!

All right now, it is 2007. New year, new contest. Send me your articles and get a chance at a free one years membership.

the contest is open to anyone interested in writing an Article about Amateur Radio. To enter, all you have to do is submit an article to the Spark Gap Editor. The article (s) can be about any of the number of interests or the broad topics of Amateur Radio. The Spark Gap Editor does have the discretion of determining whether or not to publish the article and retains the right to not print any article that is inappropriate in language or spirit.

If you are interested, please contact the Spark Gap editor or any of the BARC Club Officers for more information.

Repeater

Bill Venter	KGØAR	Trustee
Bob McFarland	WØOXD	Chair
Tom Huber	WDØBFO	Tech.



QRP Notes From Dar.

The NEScaf is a
switched capacitive
audio filter
From the
New England
QRP Club



The NEScaf is a switched capacitive audio filter based on the MF10 chip. It is designed to be simple to build and use.

It is more flexible than previous filters for QRP rigs. It has two panel-mounted controls -- a single center-detent potentiometer that sets the center frequency of the filter's bandpass (default value settable between ~415Hz and ~1kHz), and a dual-ganged potentiometer that provides a continuously variable bandwidth control (from ~60Hz to ~1500Hz). This ability to smoothly vary the bandwidth is very useful.

The NEScaf is only \$29 postpaid in the U.S. For your convenience, they offer a connector set for just \$4. For more info, visit <http://newenglandqrp.org/nescaf>

THE AMATEUR'S CODE

Paul M. Segal W9EEA (1928)

The Radio Amateur is:

CONSIDERATE... never knowingly operates in such a way as to lessen the pleasure of others.

LOYAL... offers loyalty, encouragement and support to other amateurs, local clubs and the American Radio Relay League, through which Amateur Radio in the United States is represented nationally and internationally.

PROGRESSIVE... with knowledge abreast of science, a well-built and efficient station and operation above reproach.

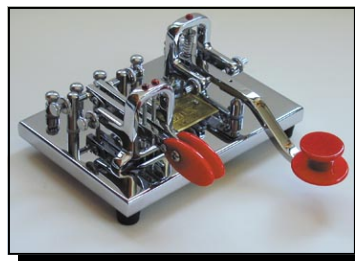
FRIENDLY... slow and patient operating when requested; friendly advice and counsel to the beginner; kindly assistance, cooperation and consideration for the interests of others. These are the hallmarks of the amateur spirit.

BALANCED... radio is an avocation, never interfering with duties owed to family, job, school, or community.

PATRIOTIC... station and skill always ready for service to country and community

For more information on QRP, contact me at w9hzc@cox.net
Or visit our local QRP group site at - <http://www.qsl.net/hbqrp> -

de W9HZC—Dar.



ARC Board Meeting Minutes

BARC Board Meeting January 2007

The board met on January 11, 2007 at Wendy's on Galvin Road, Bellevue Nebraska.

The following board members were present:

President—KE6DZD, Wayne Jorns
Vice President – KAØKCV, Jim Westcott
Treasurer – WDØBFO, Tom Huber
Secretary – KKØRF, Bob Frankland
Property Manager – KGØAR, Bill Venter
Repeater Committee – WØOXD, Bob McFarland
Education Committee – KYØZ, Bruce Reitan

Past President KBØOUO, Ladonna Clark
Past Vice President N2DLY, Joe Mastandrea
Past Property Manager – KCØQYL, Gary Kroll

The 2007 Audit Committee:
AAØZP, Frank Taylor
KCØBDX, Andrew Dandridge
NEØDX, Jeff Reynolds

Members:
N4OWG, John Sheffield
KCØHLB, Barbara Westcott

Wayne called the meeting to order at 7:31 PM.

The November board minutes as published in the Spark Gap, were approved by voice vote.

The treasurer, Tom (WDØBFO) read the financial report. The report was approved by voice vote.

Ladonna, (KBØOUO) reported that 44 members have paid renewals. There are three honorary members and three lifetime members. Twenty four members have yet to renew for 2007. She also is forming the 50th anniversary celebration committee.

Bruce, (KYØZ) reported that nine students have signed up for license class.

John, (N4OWG) reported that the Masonic Lodge

has a need for a TV antenna to be installed on the roof of the dinning hall. After a discussion a motion was made that the BARC would provide and install an antenna. The motion passed by voice vote.

Tom, (WDØBFO) made a request to eliminate membership cards and only provide computer generated receipts as a cost cutting and labor saving measure. A motion was made and passed to eliminate the use of the cards.

Motion was made to adjourn and the meeting adjourned at 8:27 PM.

Respectively submitted by
Bob Frankland KKØRF

ARC Meeting Minutes

B.A.R.C January 2007 Club Meeting

The January 2007 BARC monthly meeting was held on Thursday the 18th at the Masonic Social Hall on Franklin Street in Bellevue.

The vice president Jim Westcott, (KAØKCV) called the meeting to order at 7:32 PM. The meeting began with the Pledge of Allegiance to the Flag. This was followed by introductions all around. The president arrived having been delayed by a meeting with the MS bike ride organizers.

The president, Wayne Jorns, (KE6DZD) took over asking about the minutes of the December meeting. Due to their not having been published in the Spark Gap yet the approval of the minutes was postponed. Tom; (WDØBFO) read the treasurers report, noting that the 2006 audit had been completed by the audit committee. The report was approved by voice vote.

Property Manager, Bill, (KGØAR) reported that he is waiting for warmer weather before moving the BARC property to his location.

Education Committee, Bruce, (KYØZ) reported

thirteen students are signed up for the February license class.

A sign-up sheet was circulated for the February club dinner meeting. The Menu is Lasagna; the cost is \$8.50 per person and will begin at 6:00 PM.

Barbara Westcott, (KCØHLB) volunteered to chair the social committee.

George (KBØZZT) reported on the MS bike ride. The names of the rides have been changed to the one and the two day ride and the routes are being changed.

John, (N4OWG) reported on the request by the Masonic Lodge for a TV antenna to be installed on the dining hall roof. It was felt that the BARC should purchase what ever may be necessary to provide a professional installation in appreciation for their renting the hall for the BARC meetings.

A motion to adjourn was made and the meeting adjourned at 8:40 p.m.

Respectfully submitted by
Bob Frankland KKØRF

2007 Dues

2007 club dues are now over due!

We hope you will continue to support the club in its efforts to support our community. The dues remain an incredibly low \$12 per year. Dues pay for repeater upkeep, insurance, meeting space, and help with food costs for annual events like Field Day and the annual club picnic.

You can send your check to the Bellevue Amateur Radio Club, 7518 Chandler Hills Drive, Bellevue, NE 68147-2108. Or you can bring cash to the next meeting.

Thanks for your support and here's to a great year in 2007!



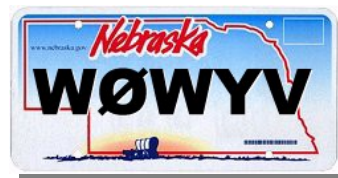
Bike Rides are coming

The two day ride is first on June 30th and July 1st, with the 1 day ride at the end of August.

KBØZZT will pass on more about the MS Bike Rides as soon as he has more good information—Stay tuned..



**Last January (2006), Ray N5SEZ and I were at Neal Woods in short sleeves playing QRP radio. Not this year!!
W9HZC—Editor**



Storm Spotter Training Two to pick from—go to either one.

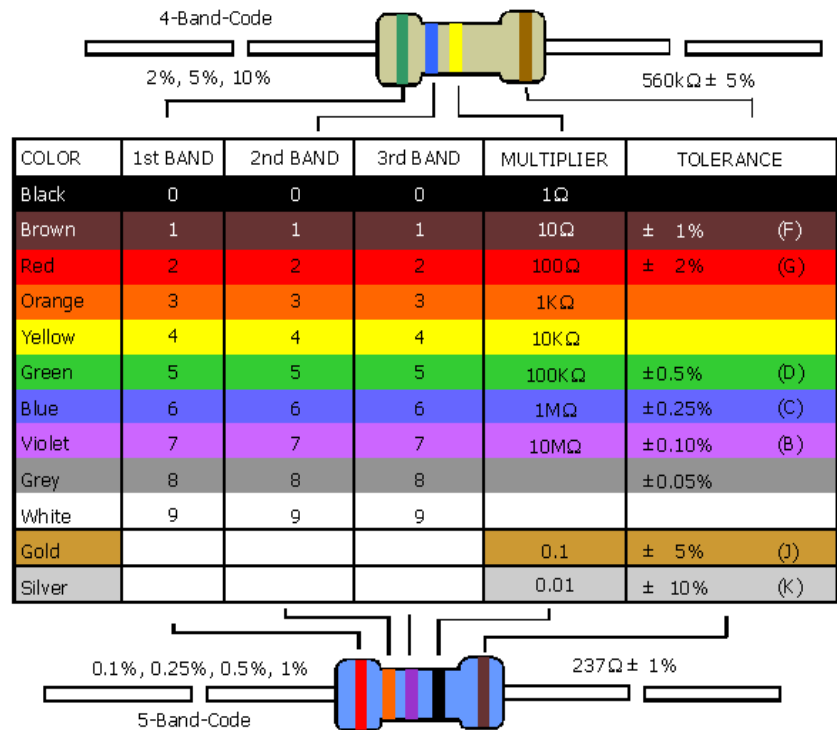
Mar 27 (Tue) — **TRAINING** — Sarpy County **Storm Spotter Training** — Two sessions, one in the afternoon (probably start time will be 2:30 or 3:00 p.m.) and one in the evening at 7:30 p.m. Location TBD.



Mar 29 (Thu) — **TRAINING** — Combined **ARES/ REACT Spotter Training**. Held at Boys Town National Headquarters starting promptly at 7:00 and will end at 9:00. Sign-in starts at 6:30. For more info contact Dar [W9HZC](mailto:w9hzc@cox.net) at w9hzc@cox.net.

Electronic Aid

Here is a handy chart for you builders out there. Resistor Color codes. —————>
There are several members of our club who build all the time, if you are interested, contact Ray N5SEZ or Dar W9HZC for more info.
Building is fun, and we should all do something fun once in a while!!
The QRP group is always looking for more members, Visit:
<http://www.qsl.net/hbqrp>
for how to join in the fun!!



Electronix Express / RSR
<http://www.elexp.com>

1-800-972-2225
In NJ 732-381-8020

BARC Feb. 2007 Calendar of Events

(be sure to check the web site for the latest information.)

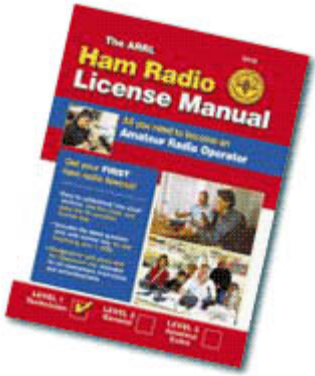
- Feb 3 (Sat) — **TRAINING** — **Technician Class**, part one, 9:00 AM - 3:00 PM. For more information see the [Tech Class](#) page or contact Bruce, [KYØZ](#), education@bellevuearc.org.
 - Feb 3 (Sat) — **HAMFEST** — **Midway Amateur Radio Club Hamfest**, Buffalo County Fairgrounds, Kearney. VE testing. Burghardt will be there. More info [here](#).
 - Feb 8 (Thu) — **BARC Board Meeting** at 7:30 PM, held at Wendy's on Galvin Rd, open to the membership. More info [here](#).
 - Feb 10 (Sat) — **TRAINING** — **Technician Class**, part two, 9:00 AM - 3:00 PM. For more information see the [Tech Class](#) page or contact Bruce, [KYØZ](#), education@bellevuearc.org.
 - Feb 15 (Thu) — **BARC Quarterly Dinner** at 6:00 PM. Dinner includes lasagna, tossed salad with dressing, garlic bread, coffee or iced tea, sherbert and Valentine cookies. The cost \$8.50 per person. Please let Ladonna [KBØOUO](#) know if you are coming for dinner.
 - Feb 15 (Thu) — **BARC General Membership Meeting** at 7:30 PM, held at the Masonic Hall in Bellevue. Open to anyone interested in amateur radio. Business meeting will be followed by a presentation related to amateur radio. More info [here](#).
 - Feb 17 (Sat) — **FCC license testing**. Registration starts at 1 PM with testing starting at 2 PM at Midlands Hospital. For more information see the [Tech Class](#) page or contact Bruce, [KYØZ](#), education@bellevuearc.org.
- Feb 24 (Sat) — **FCC license testing**. VE Session on Saturday Feb 24th at the Masonic dining room in Bellevue.

BARC Mar. 2007 Calendar of Events

(be sure to check the web site for the latest information.)

- Mar 3 (Sat) — **HAMFEST** — **SWIARC Hamorama**, Westside Community Conference Center, 108th & Grover, Omaha, NE. Sponsored by [SWIARC](#). For more info contact Brian Zdan [KMØY](#) at BZdan@cox.net.
- Mar 8 (Thu) — **BARC Board Meeting** at 7:30 PM, held at Wendy's on Galvin Rd, open to the membership. More info [here](#).
- Mar 15 (Thu) — **BARC General Membership Meeting** at 7:30 PM, held at the Masonic Hall in Bellevue. Open to anyone interested in amateur radio. Business meeting will be followed by a presentation related to amateur radio. More info [here](#).
- Mar 24 (Sat) — **TRAINING** — **Dr. Dewey's Weather Symposium**. More details to follow.
- Mar 27 (Tue) — **TRAINING** — **Sarpy County Storm Spotter Training** — Two sessions, one in the afternoon (probably start time will be 2:30 or 3:00 p.m.) and one in the evening at 7:30 p.m. Location TBD.
- Mar 29 (Thu) — **TRAINING** — Combined **ARES/REACT Spotter Training**. Held at Boys Town National Headquarters starting promptly at 7:00 and will end at 9:00. Sign-in starts at 6:30. For more info contact Dar [W9HZC](#) at w9hzc@cox.net.
- Mar 31 (Sat) — **PUBSVC** — **Sarpy County Preparedness Fair**. BARC will have a table to show off amateur radio and to advertise classes. Location TBD.





Become a HAM

Amateur Radio Licensing Class & Exam

If you've been looking for a new hobby, one both challenging and fun, Amateur Radio may be for you! Although an FCC license is required, the members of the Bellevue Amateur Radio Club (BARC) want to help you get started.

The Bellevue Amateur Radio Club is offering a two-part class and testing for the entry-level Technician HAM license. This license DOES NOT require learning Morse Code.

The No-Code Technician License class

When:

Next class will be **Feb. 3, 2007**
Then **Feb. 10th (part 2)**

FCC License Testing: Feb 17

(Sat) — Registration starts at 1 PM with testing starting at 2 PM at Midlands Hospital.

Where: Ogram Suite (class); Smith Suite (test) of the Alegent Midlands Hospital, 11111 South 84th (South of Highway 370 at 84th), Papillion,

Amateur Radio Club



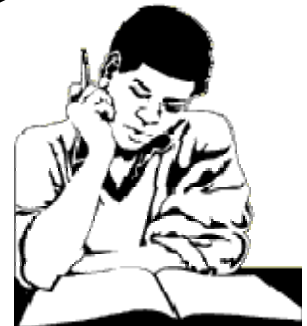
**Current Class is in session
Watch this space for dates and time of the next class.**

NE

How Much: The cost of the course with the book ("Ham Radio License Manual") is \$25.00. If you already have the book, the cost to attend the course is \$5.00. FYI — The book retails for \$24.95.

Who: For more information and reservations, contact Bruce, [KYØZ, education@bellevuearc.org](mailto:KYØZ@bellevuearc.org), or call him at (402) 991-7620.

The course can be a little "intense" since we cover the entire ARRL video course in just two Saturdays. Instructors are available for clarification and to help students with any concepts that may seem difficult. However, it is expected that the student will prepare for the exam by also reviewing the "Now Your Talking" book or other study aids. We also encourage students to take online practice exams to familiarize themselves with the questions and



how they will be presented in the actual exam. The class size is limited so please make a reservation by contacting the instructor. Note: Participants are encouraged to arrive a few minutes early so we can start promptly.

Special Note:

There will be a special VE Session on Saturday Feb 24th at the Masonic dining room in Bellevue.

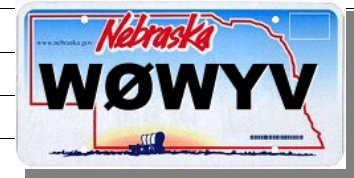
Contact KYØZ or NBØB for more information.

VEC TESTS

ARRL/VEC test fee for 2005 is \$14.00. Any questions can be directed to the ARRL/VEC by calling 860-594-0300 or e-mail to "vec@arrl.org".

Local and Not So Local Nets (times are in local time)

Mon-Fri	0730	3.9835	NE Morning Net
Mon-Fri	1230	3.980	Cornhusker Net
Mon-Fri	1830	3.982	NE Storm Net
Mon-Fri	2100	146.76	Eastern NE ARES
Monday	1900	145.29	Southwest Iowa ARES Net
Monday	2000	147.39	Sarpy County ARES Net
Monday	2000	145.13	Boyer Valley ARC Net
Monday	2100	146.94	Douglas County ARES Net.
Monday	2100	145.29/145.37	Heartland ARC, Mills Co. IA
Tuesday	1900	146.94	QCWA Net
Tuesday	2000	144.25	2M SSB Net
Tuesday	2000	145.45	Omaha DX Association Net
Tuesday	2100	145.130	Washington County ARES Net
Wednesday	1900	146.67	Dodge County ARES Net
Wednesday	2000	145.31	Ashland ARC Net
Wednesday	2100	146.82	Pottawattamie County ARES
Wednesday	2100	146.73	Nebraska City, NE ARES
Thursday	1900	28.200	10M CW Net
Thursday	2000	145.115	Handi-Hams Net
Thursday	2030	443.450 / 443.225	Plattsmouth ARC Net
Thursday	2100	434/421.25	ATV Net
Saturday	0930	7.047	4 State QRP CW net
Saturday	1000	145.115	FM CW Practice Net
Saturday	1200	146.82	Swap Net.
Sunday	0800	3.901	3900 Club Trader Net
Sunday	0900	3.896	3900 Club Net
Sunday	0930	3.955	QCWA Net
Sunday	1900	28.125	Slow Speed CW Net
Sunday	1900	28.400	10M Phone Net
Sunday	2000	145.09	Packet Net on KE6DZD BBS
Sunday	2000	145.235	Sarpy RACES Net.
Sunday	2100	146.94	Midlands ARES Net
Sunday	2100	3.982	Midlands ARES HF Net (+/- 5 kc's)
Sunday	2100	434/421.25	ATV Net
Sunday	2100	145.37/145.29	Heartland ARC Newsline



BARC

**Bellevue ARC, Inc
C/O Tom Huber, WDØBFO
7518 Chandler Hills Dr.
Bellevue, NE. 68147-2108**

Label here

We are on the web

<http://www.bellevuearc.org>



Meeting Directions

Bellevue Masonic Lodge dining hall, 1908 Franklin St. Directly west of Washington Park on Franklin St. Small parking lot on south side of building. Suggest keeping some spaces open for handicapped members. Plenty of on-street parking.

Directions from the west: go east on Hwy 370. Keep following signs for Hwy 370. Turn left (north) at 2nd traffic light on Mission St. in Olde Town. Lodge will be on your left.

Directions from Great Western Bank (old meeting location): go east on Harvel Drive. Keep going east until road changes into Franklin St. going south. Continue south for several blocks. Lodge will be on your right.

What's Happening Locally

- ◆ B.A.R.C. Repeater meeting @ 7:00 PM Thursday of Board meeting at a place to be announced monthly until a permanent site is decided upon.
- ◆ B.A.R.C. Board meeting @ 7:30 PM 2nd Thursday each month at a place to be announced monthly until a permanent site is decided upon.
- ◆ B.A.R.C. Club meeting @ 7:30 PM 3rd Thursday each month (except DEC) at the Bellevue Masonic Lodge dining hall, 1908 Franklin St. in Bellevue
- ◆ Lunch @ 11:30 daily Mon-Fri at Wendys on Galvin Rd., Bellevue
- ◆ Friday night do-net @ 8 PM at Wendys on Galvin Rd., Bellevue
- ◆ Breakfast @ 9:00 Saturday mornings at No Frills in Bellevue.
- ◆ Breakfast @ 10:00 Sunday mornings is at Burger King @ Highway 370 & 42nd St. (TwinCreek Area)