



The Indianapolis Radio Club Newsletter

Founded 1914

"The oldest continuously operating Amateur Radio Club in the United States"

November 2010 Newsletter

Upcoming Meetings:

December 10: Annual Christmas Dinner/Program (MCL Cafeteria, 2370 W. 86th Street, check in available after 5:30 pm)

January 14: Making your own QSL cards

February 11: Legacy Radio "Repeater History"

Highlights from the October Meeting:

There were 37 present for the meeting. After introductions, Club President Ron Cooper, WB9DKL, turned the floor over to Tom Chance, K9XV, representing the nominations committee to present the proposed slate of officers for 2011 for the Indianapolis Radio Club.

The slate of officers is as follows:

President: Jerry Skoll, KC9DTB

Vice President: Dave Miller, K9RTT

Secretary: Ken Bandy, KJ9B

Treasurer: Jay Willever, K9LJW

Directors: Jim Rinehart, K9RU; Bob Begeman, W9KVK; and Ron Cooper, WB9DKL

A motion to accept the slate was made and seconded. The above slate of officers was elected by a unanimous show of hands.

The Christmas dinner was discussed. It will be on Friday, December 10, at the MCL Cafeteria at 2370 W. 86th Street, just east of Township Line Road. This is the same location as the past few years. Bob Vandeventer, N9OLO, a local mountain climber and naturalist, will be the speaker for the evening. There will be a blind draw for a Diamond SX-600 impedance/power meter at the Dinner.

Ken Sullivan, N1HQH, talked briefly about the SET coming up this weekend. He will make a QST prior to the SET announcing it.

The Board approved a dues increase effective January 1. The new dues schedule will be as follows: Individual - \$20 per year; Family - \$30 per year; Student - \$10 per year; Life – One time payment of \$200. The complete by-laws of the club will be included in the newsletter, and voted on at the January meeting.

Tom announced that, according to the latest version of QST, the Indianapolis Radio Club/RCA Radio Club Field day effort was a great success. W9JP was 35th in the US, and 4th in the state among 3A stations. Tom said we will have the Marion County Fairground again.

Dr. Jay Wright, KK9L, announced that the Hendricks county license classes will be starting on Wednesday, January 26 meeting from 7:00 to 9:00 at the Senior Services Building, located just north Hendricks Regional Hospital in Danville. The class will meet for 8 weeks, and all license classes will be available. Testing will be available on March 26. Jay also announced that December 28 will be amateur radio night at the Danville Library, at 6:00.

Radar reminded everyone about the 10 meter contest coming up in December. Tom said coming up the weekend of the November 27 and 28 is CW CQWW. Tom said this is a good opportunity to try out CW skills.

Rhonda, WS9H, announced the monthly ham dinners that are on different sides of town. This month is at Matteo's in Noblesville on Saturday, November 20, at 7:00 pm.

Jim, K9RU, announced that Gale Wuollet, AA9WU, will no longer be hosting the testing sessions sponsored by the Club. Rhonda Curtis, WS9H, is taking over the VE testing for the IRC. There will be no testing in December, probably starting in January.

Next, Radar introduced Dave Miller, K9RTT, for the evening's program on alternative energy for the ham. Dave teaches at Ivy Tech, and was able to go out to Colorado this past summer to learn about solar panels. There are three primary types of alternative energy that apply to the ham: Solar, wind, Fuel Cell technology. Dave talked about solar panels, which he is most familiar with. Disadvantages with solar are low output, and

high initial cost. Dave said it is important to aim the panel properly to get the most sun. Dave recommends using the panels that utilize square cells, as opposed to round ones. Solar panels work better in the winter, than the summer, due to lower ambient temperatures. The panels want to be kept cool. Dave went over the details of installation of solar panels. Dave next talked about Wind Power, two types: Wind Mill, or propeller type, and the vertical type. The last type of power Dave talked about was fuel cell. He had a “trainer” to show as an example. The “trainer” needs a hydrogen tank, and uses room air to produce power.

After Dave’s presentation, he invited those in attendance over to Ivy Tech to see the equipment he has set up for power generation.

The meeting was adjourned at 8:25.

Proposed Revised By-Laws for the Indianapolis Radio Club:

(This will be voted on at the January Meeting)

By-Laws
(adopted 08OCT2004)
Of the Indianapolis Radio Club
A NON-PROFIT ASSOCIATION

1. MEMBERSHIP

Membership is open to all persons interested in Amateur Radio. There shall be four (4) classes of membership; - INDIVIDUAL, FAMILY, STUDENT and LIFE.

a. Individual - Regular membership is open to all persons interested in Amateur Radio. Regular membership includes all club privileges, as well as the rights to hold a club office and full voting privileges.

(\$20.00/ yr amended 1 January 2011)

b. Family - Family membership is open to related persons, living in the same household. Family membership shall be offered at a special membership. Family membership includes all club privileges except; the Family will only receive one monthly mailing from the club.(\$30/yr with a (Max of 2 meals / Family at Dec Dinner, if Meals Paid by IRC.)

(amended 1 January 2011)

c. Student - Student membership is open to all persons under the age of 21 attending school full - time. Student membership shall be offered at 1/2 the individual membership annual dues.

d. Life - membership is open to all persons after the payment of the LIFE membership fee as set by the Board of Directors each year. Life members enjoy all rights and privileges the same as the regular individual members.. (Always 10 times the Regular Membership dues. starting 2005 they will be \$200.00/yr)

(amended 1 January 2011)

2. MEETINGS

Regular meetings shall be held on the second (2nd) Friday of each Calendar month. Special meetings may be called by the President upon the written request of any TEN (10) club members. Notices shall be sent to members concerning special meetings and the business to be transacted. Only such business as designated shall be transacted. Such notices shall be sent so that they arrive not less than 24 hours before the meeting.

3. COMMITTEES

The standing committees of the club shall be Public Relations, Education and Operating.

a: Public Relations - The committee shall be responsible for providing Media coverage of all events hosted by the club, and to provide periodic membership drives. The committee should also provide periodic public Amateur Awareness events.

This committee shall have Three (3) Sub Committees.

1. News editor: Shall assemble and distribute the club news to the membership.
2. Refreshment committee: Shall provide refreshments for the club membership at club meetings and functions as required.
3. Webpage Author: Shall maintain a current status of the IRC website

b: Education - The committee shall be responsible for providing for the education of new amateurs, license classes for potential new amateurs and opportunities for continuing education of members. (youth activities)

c: Operating - The operating committee shall be responsible for providing operating events for club members, and for the improvement of operating techniques. (on air activities)

4. INDEMNIFICATION CLAUSE FOR DIRECTORS

The Club shall indemnify each Director Board Member etc. from any liability as a result of any action brought against the club arising out of any event that is sponsored by the club. The club may also take out an insurance policy to insure against the peril of director liability for any and all directors. This shall not apply to any acts by a director that would involve misappropriation of club funds to his/her own use. Should the club become an employer of labor as that is defined by the Indiana Department of Workforce Development said directors shall be indemnified from liability for any employment taxes incurred by the club as a result of the employment of such person(s) for both the State of Indiana and the US Treasury, including also unemployment taxes.

5. UPDATED and AMENDED:

These By-Laws update and supersede any previous constitution, by-laws or amendments to those documents of the Indianapolis Radio club Prior to January 1, 2011.

Original: date 1914;

Last amendment November 2010

Date of this amendment: January 1, 2011

Review committee: K9RU, K9RTT, K9LJW, W9KVK, KJ9B, W9PSE, and K9XV

Ham Radio News:

W1AW 2010/2011 WINTER OPERATING SCHEDULE

Morning Schedule:

Time	Mode	Days
1400 UTC (9 AM EST)	CWs	Wed, Fri
1400 UTC (9 AM EST)	CWf	Tue, Thu

Daily Visitor Operating Hours:

1500 UTC to 1700 UTC - (10 AM to 12 PM EST)
1800 UTC to 2045 UTC - (1 PM to 3:45 PM EST)

(Station closed 1700 to 1800 UTC (12 PM to 1 PM EST))

Afternoon/Evening Schedule:

2100 UTC (4 PM EST)	CWf	Mon, Wed, Fri
2100 " "	CWs	Tue, Thu
2200 " (5 PM EST)	CWb	Daily
2300 " (6 PM EST)	DIGITAL	Daily
0000 " (7 PM EST)	CWs	Mon, Wed, Fri
0000 " "	CWf	Tue, Thu
0100 " (8 PM EST)	CWb	Daily
0200 " (9 PM EST)	DIGITAL	Daily
0245 " (9:45 PM EST)	VOICE	Daily
0300 " (10 PM EST)	CWf	Mon, Wed, Fri
0300 " "	CWs	Tue, Thu
0400 " (11 PM EST)	CWb	Daily

Frequencies (MHz)

CW: 1.8025 3.5815 7.0475 14.0475 18.0975 21.0675 28.0675 147.555
DIGITAL: - 3.5975 7.095 14.095 18.1025 21.095 28.095 147.555
VOICE: 1.855 3.990 7.290 14.290 18.160 21.390 28.590 147.555

Notes:

CWs = Morse Code practice (slow) = 5, 7.5, 10, 13 and 15 WPM
CWf = Morse Code practice (fast) = 35, 30, 25, 20, 15, 13 and 10 WPM
CWb = Morse Code Bulletins = 18 WPM

CW frequencies include code practices, Qualifying Runs and CW bulletins.

DIGITAL = BAUDOT (45.45 baud), BPSK31 and MFSK16 in a revolving schedule.

Code practice texts are from QST, and the source of each practice is given at the beginning of each practice and at the beginning of alternate speeds.

On Tuesdays and Fridays at 2330 UTC (6:30 PM EST), Keplerian Elements for active amateur satellites are sent on the regular digital frequencies.

A DX bulletin replaces or is added to the regular bulletins between 0100 UTC (8 PM EST) Thursdays and 0100 UTC (8 PM EST) Fridays.

In a communications emergency, monitor W1AW for special bulletins as follows: Voice on the hour, Digital at 15 minutes past the hour, and CW on the half hour.

All licensed amateurs may operate the station from 1500 UTC to 1700 UTC (10 AM to 12 PM EST), and then from 1800 UTC to 2045 UTC (1 PM to 3:45 PM EST) Monday through Friday. Be sure to bring your current FCC amateur radio license or a photocopy.

The W1AW Operating Schedule may also be found on page 102 in the October 2010 issue of QST or on the web at, <http://www.arrl.org/w1aw-operating-schedule> .

FCC ISSUES REPORT AND ORDER ON VANITY AND CLUB STATION CALL SIGNS

In November 2009, the FCC issued a Notice of Proposed Rule Making (NPRM) -- WT Docket No. 09-209 -- seeking to amend the Commission's Amateur Radio Service rules to clarify and codify existing procedures governing the vanity call sign system. The NPRM also sought to revise certain rules applicable to club stations. The ARRL submitted its comments to the FCC on March 26. On Monday, November 8, 2010, the FCC issued a Report and Order (R&O) with its decisions. These new rules will take effect 60 days after publication in the Federal Register.

In the R&O, the FCC amended and clarified its rules with respect to Amateur Service vanity call signs "in order to promote processes that are more equitable and administratively efficient." The FCC has amended its vanity call sign rules to clarify the date on which the call sign associated with a license that is canceled due to the licensee's

death becomes available for reassignment and clarifies the exceptions to the general rule that a call sign is unavailable to the vanity call sign system for two years after the license terminates. As for club stations, the FCC has placed limits on who can file applications on behalf of a club, how many vanity call signs a club can hold and how many clubs can have the same license trustee.

According to the FCC, almost 80,000 licensees have replaced their sequentially issued Amateur Radio call signs with a vanity call sign since the program began in 1996. When the program began, the Commission established what they called "the broad outlines" of the vanity call sign system, concluding that call signs generally should not be available for reassignment for two years following the death of a licensee, or expiration or termination of the license for that call sign. In doing so, the Commission made exceptions for former holders of the call sign, close relatives of a deceased former holder and club stations of which a deceased former holder was a member.

The complete Report and Order (in PDF format) can be found on the FCC web site at, http://www.fcc.gov/Daily_Releases/Daily_Business/2010/db1108/FCC-10-189A1.pdf

A NOTE FROM N1HQH ABOUT THE MARION COUNTY SET

Sunday's net went well, and while attendance was down most likely due to the Ft. Wayne hamfest; I received both positive feedback as well as some constructive criticism. All who participated were in agreement that the experience was both valuable and worthwhile. I will consider a sequel at a later date and hope to engage more people at that time. The event was centered on the use of simplex frequencies and all participants made successful contacts with other stations. My personal thanks to all who participated and especially to the W9ICE repeater group for hosting the event.

HENDRICKS COUNTY CLASSES COMING UP

Beginning on Wednesday, January 26, Amateur Radio Classes will be presented in Hendricks County, at the Senior Services Building, located just north of the Hendricks Regional Health Hospital in Danville. The classes will meet from approximately 7:00 to 9:00, and will meet every Wednesday for 8 weeks. Classes will be available for Technician Class, General Class, and Amateur Extra Class license study. Testing is planned for March 26th.

AMATEUR RADIO NIGHT COMING UP IN HENDRICKS COUNTY

On Tuesday, December 28 at 7:00, there will be an "Amateur Radio Night" at the Danville Public Library. Contact Dr. Jay Wright, KK9L, for more information.

WELCOME NEW CLUB MEMBER

Bill McLin

FEEL FREE TO SHARE OUR NEWSLETTER

If you belong to any other radio groups, please feel free to share our newsletter with them. They can also sign up to be on our mailing list by filling out the form available at <http://www.indyradioclub.org/rqstnewsletter.htm>.

SEND ME YOUR HAM RADIO NEWS

If anyone has any items for the newsletter, please send them to Ken Bandy at kj9b@arrl.net

Signals from the Past:

From the October 22, 1973 *Amachewer*:

Ron Williams DXpedition to Gibraltar will be over Thanksgiving and his call will be ZB2CS.

Upcoming Area Radio Events:

- November 27: Evansville Hamfest Go to <http://w9ear.org/hamfest.htm> for more information
 - March 5: Dugger Amateur Radio Club Hamfest Go to <http://w9ear.org/hamfest.htm> for more information
 - March 26: Columbus Hamfest Go to <http://w9ear.org/hamfest.htm> for more information
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2010 Officers:

- President: Ron Cooper, WB9DKL - ..EMAIL wb9dkl@sbcglobal.net
- Vice Pres.: Dave Miller, K9RTT - ..EMAIL dmiller@ivytech.edu
- Secretary: Ken Bandy, KJ9B - ..EMAIL kj9b@arrl.net
- Treasurer: Jay Willever, K9LJW - ..EMAIL k9ljw@arrl.net
- Chief Operator: Tom Chance, K9XV - ..EMAIL k9xv@arrl.net
- Dir. at large: Jim Rinehart, K9RU – EMAIL k9ru@arrl.net
- Dir. at large: Bob Osterhous, W9PSE - ..EMAIL rosterhous@iquest.net
- Dir. at large: Bob Begeman, W9KVK - ..EMAIL w9kvk@juno.com
- W9JP Trustee: Don Hemenover, N9DOO – EMAIL don9doo@lightbound.com

2011 Officers:

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- Vice Pres.: Dave Miller, K9RTT - ..EMAIL dmiller@ivytech.edu
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