



The Indianapolis Radio Club Newsletter

Founded 1914

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

November 2011 Newsletter

Upcoming Meeting:

December 9: Annual Christmas Dinner/Meeting at MCL at W. 86th and Township Line.
January 13: APRS presentation by Bob Burns, W9RXR. CHILI COOK OFF NIGHT!
February 10: "Legacy" night, featuring Heathkits.
March 9: "Homebrew" night. Build a kit.
April 13: Antenna Shootout – Tom Chance, K9XV, will give his antenna presentation.
May 11: TBD
June 8: Annual auction

Highlights from the November Meeting:

The meeting was called to order at 7:21. Two new hams were introduced and welcomed. Self-introductions were completed. There were 55 in attendance.

It was announced that the Christmas dinner/meeting will be Friday, December 9 at 6:00 at the MCL located at 86th and Township Line Road. This is the same location as the past few years. The club will give each member \$10 credit per dinner. There will be no blind draw, just door prizes this year. The speaker will be from the Indiana Ice Skating Academy.

Upcoming programs are as follows: January – APRS with Bob Burns W9RXR and chili cook off, February – Legacy night – Heathkits old and new, March – Homebrew – build a kit, April – Antenna shootout – Tom Chance K9XV will present on antennas, May – TBD – Dayton bus on May 19th, June – Auction and Field Day.

Club President Jerry Skoll, KC9DTB, will be in the Bahamas for the Christmas dinner. He will check in on the Maritime Mobile net daily on 14.300, then on even days 14.285, odd days 14.315.

Rhonda Curtis, WS9H, announced there will be VE testing Monday 11/14 at 6:30 and Saturday 12/10 at 12:00 noon at the Salvation Army facility at Lafayette and Georgetown Roads. Chuck Crist, W9IH, is holding General upgrade classes December 5th, 7th, and 8th, with testing on the 10th. Hendricks County is holding classes starting 1/25. Hendricks County volunteer awards 11/30 at 7:00p.

The Veterans present were recognized for their service. Ft. Wayne hamfest tickets were given away.

Next, Dave Spoelstra, N9KT, gave his presentation on logging programs. He concentrated on the N1MM contest logging program. This program is necessary for all contest operators. Even if you are a “search and pounce” type operator and do not do many contest this program is of great assistance.

One of the main reasons for using N1MM is checking for duplicates and eliminating calling someone a second time. The program works for over 300 ham contests and also works for the Indiana QSO party. It sets the screen up on your computer to provide the proper entry blocks for each contest. There are many possible screen windows to bring up and used for various purposes in helping you with your score for contest. Using CAT Control on your rig you can have your frequency and everything entered in your logging program directly. The function key can be used for sending CQ's and answering contest reports in CW and SSB making contesting very easy, and saving your voice during long contest.

To get this free program go to <http://n1mm.hamdocs.com/>, and find the main program selection. Also look for “N1MM QUICK GUIDE”, this is an excellent help file and should be read before installing the program. Note: Be sure and install “LATEST UPDATES” before opening program the first time.

Free digital program: HAM RADIO DELUXE is a very popular program and is available at <http://www.ham-radio-deluxe.com/>. This program operates all the digital modes and has a great logging program included. These great FREE software programs will help you update your station and have a lot of fun on ham radio.

After Dave's presentation, it was announced that the club's present officers will serve another year. The 2011 Field Day results were announced. The club's station, W9JP,

came in first in Indiana, 13th nationally. Door prizes were given away, and the meeting adjourned at 8:47 pm.

[Editor's note: I would like to thank K.C. Corbin, KC9MTL, Sam Carter, WA9VBG, and Bob Osterhous, W9PSE, for their notes from the meeting, in my absence.]

Ham Radio News:

60 METER BAND CHANGES APPROVED

FCC Docket number 10-98 was released on Friday, November 18, affecting the amateur radio use of the 60 meter (5 MHz) band. There are still 5 “channelized” frequencies. However, one of the frequencies has been replaced with a new one:

5330.5 kHz USB (center of channel = 5332.0)

5346.5 kHz USB (center of channel = 5348.0)

5357.0 kHz USB (center of channel = 5358.5) New, replacing 5366.5 USB

5371.5 kHz USB (center of channel = 5373.0)

5403.5 kHz USB (center of channel = 5405.0)

The maximum allowed power level is now 100Watts PEP (ERP) effective radiated power referenced to a dipole. If another type of antenna is used, the station licensee must maintain a record of either the antenna manufacturer's data on the antenna gain or calculations of the antenna gain.

Upper Side Band Phone, Data, or RTTY transmissions may use dial (VFO) USB suppressed carrier frequency at 1.5kHz below the center of the channel.

Transmissions must not exceed the 2.8kHz bandwidth channel.

RTTY modes such as PSK31 must not exceed 60Hz necessary bandwidth. Data modes must not exceed 2.8kHz bandwidth.

CW bandwidth must not exceed 150Hz bandwidth and the CW frequency should be at the center of the channel.

Data stations operating under section § 97.221 automatically controlled digital station, are not allowed on these 5MHz channels.

To read the entire 22 page FCC document, point your browser to http://transition.fcc.gov/Daily_Releases/Daily_Business/2011/db1118/FCC-11-171A1.pdf

W1AW 2011/2012 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

The W1AW Operating Schedule may also be found on page 88 in the October 2011 issue of QST or on the web at, <http://www.arrl.org/w1aw-operating-schedule> .

INDIANA TRAFFIC NET CHANGE

On November 14, the ITN moved to 6 p.m. E.S.T. with a new frequency of 3.900 Mhz.

Hopefully, this will allow more individuals to check in after they get off work and the frequency change will eliminate any interference from east coast hams that use the 3.910 frequency. Net Controls and Alternate Net Controls are always needed for the different nets, whether they are a Section Net such as the ITN and QIN, or local nets. Consider volunteering for a Net Control position for one session, either morning or evening, on the Section Nets, and volunteer to cover a local net once in awhile.

POSTAGE RATES GOING UP

Effective January 22, 2012, US Postal Rates will increase as follows:

- ⤴ First Class letters (up to 1 ounce): 1-cent increase to 45 cents.
- ⤴ Additional ounces: unchanged at 20 cents each.
- ⤴ Postcards: 3 cent increase to 32 cents.
- ⤴ Up to one ounce letters to Canada and Mexico: 5 cent increase to 85 cents.
- ⤴ Letters to other international destinations: 7 cent increase to \$1.05.

AREA CLASSES SCHEDULED

General Express Study Class : Instructor, Chuck Crist - W9IH
Class sessions are free...
You should have a Valid Amateur Technician license.

Please RSVP with W9IH at indytrax@hotmail.com
Class Dates: Dec. 5th, 7th & 8th 2011 (Mon., Wed, & Thur)
(3) days with testing on SAT 10 Dec!
Testing at same location: Dec 10th (sat) 08:30Am...
Times: 5:30 to 8:30 pm

Location: Salvation Army , EDS Facility,(Laf Sq Area or West side INDY)
4020 Georgetown Rd., Indianapolis IN

Participants need to bring their own ARRL.. Gen Q & A Book 4th edition. Book or similar for study sessions.

Please review

Chapters 1-4 in the Gen Q & A Book 4th edition, before Dec 5th class.

Books are available from :

ARRL.. Gen Q & A Book 4th edition... with latest test pool questions

ISBN: 978-0-87259-808-9

Order No.: 8089 Price: \$17.95

Q & A Book good till june 2011

Order No.: 8089 Price: \$17.95 (4th edition)

Additional Idea for study guide, (not required)

General Class (flash) card set\$ 39.95

order # 1357

New question pool is... June 2011 to Jun 2015

Hendricks County will be starting their annual classes on January 25, 2012. Contact Dr. Jay Wright, KK9L, (317) 203-3335 for more information.

APRS CLASS COMING UP

Bob Burns, W9R XR, will be presenting a class on APRS on Saturday, January 7, at 1:00 pm at the Hendricks County Senior Services building, 1201 Sycamore Lane, Danville, IN 46122. This is just north of the Hendricks Regional Health Hospital, east of Danville.

MARION COUNTY TESTING SESSION

Saturday, December 10, at 12:00 noon. Salvation Army EDS facility at Lafayette and Georgetown. Contact Rhonda Curtis, WS9H, for more information.

WELCOME NEW MEMBERS

Paul Harrington, KF4YRK

Paul Nance, NB9P

NEW ADDRESS FOR RON WILLIAMS, W9YZ

Ron Williams, W9YZ, Life member of IRC and ARRL, has recently moved to Columbus, Indiana, with his wife Milly. Ron's new address is 6095 West Lowell Road, Columbus, Indiana, 47201.

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 November, 1948, *Amachewer*:

Dr. Emery Miller talked on printed circuits October 29th. He illustrated his talk with slides and the technique of making circuits up on the tubes themselves as well as on the supporting material was shown and talked about.

Upcoming Area Radio Events:

- **November 26: Evansville Hamfest.** Go to <http://w9ear.org/hamfest.htm> for more information.
- **November 30, 7:00 pm – Annual Hendricks County Volunteer Recognition Program.** Hendricks County Government Center. Contact Dr. Jay Wright, KK9L, at (317) 203-3335 for more info or nominations.

2011 and 2012 Officers:

- President: Jerry Skoll, KC9DTB - ..EMAIL gskoll@msn.com
- 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: Ron Cooper, WB9DKL - ..EMAIL wb9dkl@sbcglobal.net
- Dir. at large: Bob Begeman, W9KVK - ..EMAIL w9kvk@juno.com
- W9JP Trustee: Don Hemenover, N9DOO – EMAIL don9doo@lightbound.com