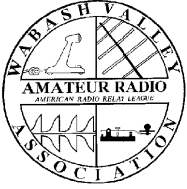


REGULAR EVENTS

Friday, General Meeting, 7:30 PM, Red Cross Bldg.,
Nov. 7 700 S. 3rd. (1st Friday of each month.)
Monday, Board Meeting, 6:30 PM, Glas-Col., 7th &
Nov. 10 Hulman (Monday following the Gen. Mtg.)
Every The Club Station is open, 7:00 - 9:00 PM,
Thursday Downstairs, Red Cross Bldg., 700 S. 3rd.

SPECIAL EVENTS

WVARA Board Elections Dec. 5
Joint WVARA/QCWA/CAARLA Christmas dinner .. Dec. 6
Santa on the Air from the Honey Creek Mall Dec 13



THE

BANDSPREAD

OFFICIAL PUBLICATION OF THE WABASH VALLEY AMATEUR RADIO ASSOCIATION, INC.

NOVEMBER 2003



BOARD ELECTION, XMAS DINNER CAP YEAR END ACTIVITIES

It's time once again to prepare for the two activities that generally cap off the WVARA year. And they come this year, one on the heels of the other. We're talking, of course, about the WVARA Board election which will be held on Friday, December 5 at the regularly-scheduled monthly meeting. As usual, the nominating committee will field a slate of candidates which it will announce at the up-coming November meeting. Others may be nominated, with their permission, from the floor the night of the election as well.

Less than twenty-four hours after the election we will gather for the annual Christmas dinner. This year the dinner will be a joint affair combining the WVARA, QCWA, and the local CAARLA group. The dinner will again return to the World Gospel Church on Indiana 46 in the upstairs fellowship hall.

The menu will include baked ham, chicken tenders in noodles as well as vegetables, dessert and drinks. (Those who belong to all the organizations will get first dibs at seconds.) The price is \$14 per person and your check is your reservation.

NOVEMBER PROGRAM

The November program is entitled "Slow-Scan TV."

It will be presented by Jay, AB9CG and Dan, N9WX.

The President's Corner

Well, summer is behind us, and what a summer it was. We had a number of activities and public service events that took place, and the Amateur Radio service was well represented. Some weeks we had more activities taking place than we had days in the week.

One subject that is probably not talked about often enough is "Repeater Etiquette." Just a reminder that when you turn your radio on, don't immediately pick up the mic and call a station. Either monitor for a few minutes, or simply say, "Is the frequency in use?" That way if there is a QSO taking place, the likelihood is much smaller that you will interrupt it.

While I am on the subject, I would like to remind everyone that people who are not hams monitor our repeater conversations. Anyone with a programmable scanner can pick up our repeater. Many people do this to monitor the weather nets that take place on this frequency. Whenever we are using the repeater we are all "ambassadors" for the Amateur Radio service.

The annual Club Christmas party will be held on December 6th at World Gospel Church. We will be combining our party this year with the local QCWA chapter and the CAARLA ladies. Cost per person is \$14.00. Currently, we have an offer

from Chad, KC9BZG, to provide Christmas music and we are also working on a speaker. Get your checks in to Gary, W9EEU, or any other member of the Board. You can also mail your check to the Club P.O. box. Your check is your reservation. In case you've forgotten, it's WVARA, P.O. Box 81, Terre Haute, IN, 47808-0081

I hope to see everyone at the November meeting.

Until then 73,

Kevin, K9HX

Dues are Due

It's that time of the year again. The 2004 WVARA dues are now due. If you haven't done so, maybe you might want to get it out of the way before the holiday distractions make you forget. It's again \$20 plus \$5 for any licensed family member you might wish to add. TNX, the Board

LOCAL NETS

Wednesday Evening 9:00 pm CST
ARES Net 6.535 S

Thursday Evening 9:00 pm EST
CAARLA Net 6.685/R

Sunday Morning 8:20 am EST
ARES Net 6.685/R

Sunday Evening 9:00 pm EST
CLUB Net 6.685/R*

* First Sunday of the month is Simplex night.
The WVARA Net meets on 146.595



General Meeting Minutes 10/03/03

WVARA Club President Kevin, K9HX, called the meeting to order at 7:29 P.M. Following the Pledge of Allegiance, which was led by Club Vice President Gary, W9EEU, those present introduced themselves. **Club announcements:** (1) Board Meeting will be held Monday, October 6, at 6:00 P.M. at Glas-Col Apparatus; the WVARA Board meetings are always open to Club members. Anyone having business to be considered by the Board should advise the Club president prior to the meeting if at all possible so they can be placed on the Board's agenda. (2) The deadline for submission of articles for *The Bandspread* is, as usual, the 15th of the month. (3) The Nominating Committee for the 2004 Board of Directors has been appointed. Anyone wishing to nominate someone for office, or is interested in running for office, should so advise Dave, N9FMD, as soon as possible. (4) 2004 dues are now being accepted; they may be turned in to Don, K9DRP. (5) The program for the November Club meeting will be on slow-scan TV. (6) The Bedford/Hoosier Hills Hamfest will be held Sunday, October 5; the gates open at 6:00 A.M. (7) The Deuces Wild Duathlon will be Saturday, October 11, at Lincoln Trails State Park. John, N9YRX, reported that he has sufficient staff for the event. The ARES trailer will be parked at the start/finish line. John also reported that four APRS stations will be set up this year. Everyone scheduled to work was asked to be at the Park by 7:30 A.M. (8) The Eastside Outdoor Ham Club will sponsor a fox hunt and family picnic, also at Lincoln Trail State Park on Sunday, October 12. (9) The October meetings of QCWA and CAARLA will be held Saturday, October 11, at 1:00 P.M. at Rose Hulman Ventures. (10) At 2:00, on the same date and location, the WVARA will sponsor the Indiana Radio Club Council meeting. The IRCC sponsors the "Amateur of the Year" and the "Technical Excellence Award." The WVARA is a member of the IRCC and invites anyone interested in the operation of the IRCC to attend. (11) Kevin announced that the Club is currently seeking a Net Control Coordinator as well as a Club Station Manager. Anyone interested in either of those positions should talk with Kevin as soon as possible. (12) VE Testing will be held this Sunday, October 5, at the Red Cross in Terre Haute. **Secretary's Report:** Debbie moved that the Secretary's Report be approved as published in *The Bandspread*; Kay, KB9HYH, seconded the motion. The motion carried. The **Treasurer's Report** was presented by Don, K9DRP, who reported a balance in all WVARA accounts of \$2,971.10. Kevin announced that Ray, K9DUR, has become a life member of the WVARA. Don moved that the Treasurer's Report be approved as presented; Ray seconded the motion. The motion passed. Don reported that, due to an oversight, the Treasurer's Report was not actually approved during the September Club meeting. He reported that, at that time, the balance was \$3,25.91. Jim, WD9EYB, moved that the Treasurer's Report be approved as presented; Gary, W9EEU, seconded the motion. The motion was passed. Old Business: (1) Tailgate Party Changes: The Board voted to keep the same location for the Tailgate Party as it is a good location, easy to find and has room for all of our needs. It was decided to change the date to March 13, pending approval by the Marine Corps League. March 13 was selected because that is the date of the former Indiana hamfest and no other ham radio activities which would prove to be a conflict are currently scheduled for that date. It was also decided to add a couple of forums; QRP operations and foxhunting are possibilities being considered. Also, VE testing will be held at the tailgate party instead of Marshall that month. The cost of the tailgate party will remain at \$3; those coming for testing only will be escorted to the test site to eliminate the gate fee for them. (2) Special Event: On

April 5, 2004, the WVARA celebrates 70 years as an ARRL-affiliated club. There was discussion about operating the weekend before and evenings during the week. We will apply for the call sign, W9U, for the special event. Ray will check with QST to see when the information regarding the special event needs to be submitted to them for publication. We will need volunteers to work during the week as well as on the weekend. More details will follow as they become available. (3) Dave, N9FMD, reported that the Ryves Hall's antennae party was very successful. (4) Ryan, AB4ZP, reported that the Rose-Hulman club will have work days for their antenna projects this Saturday and Sunday. More information will be posted by Ryan on the listserv. (5) Dave, N9YNF, reported that Family Learning Day was very successful; several contacts were made and there was good community interest. New Business: (1) Proposed Constitutional Amendment - Don, K9DRP. Under the present constitution, we are required to have two signatures on each check being written for the Club. That amendment was designed to build in controls to protect Club funds. The problem being currently experienced is the difficulty connecting with other Board Members in order to pay Club bills in a timely manner. The proposed change would allow the check to be written with one signature IF the expenditure has already been approved by the Board OR it is an expenditure in the yearly budget which has therefore been already ratified by the members. The Treasurer provides a very detailed report to the Board of each expenditure made during the previous month. That report is available to membership at any time. Both the old and proposed amendments were read by Dave, N9FMD. Following discussion, and comment by Dave, N9YNF, it was decided that the proposed change should be reworded to improve clarity. He also noted that this is a Bylaw, not Constitutional, change. The Board will clarify the wording during the meeting Monday evening and present for approval next at the next WVARA Club meeting in November. It was noted that the Club president also has a \$100 discretionary spending privilege without approval, which will continue to require two signatures. (2) Education Committee Report: Gary, K9ERE, reported that the current Technician level class had ten people registered; six of those have attended fairly consistently and should be able to pass the test to become Technicians. Jim, WD9EYB, reported that he has had four students taking the class for Morse code. Following the Business Meeting, there was a time of intermission and half pot drawing. The winner this month was Ray, K9DUR. The Program was "Home Brew" contest. The winners were for "Transmitters" (1) Ryan, AB4ZP; (2) Jim, WD9EYB; (3) Ray, K9DUR. The winners for "Others" (1) Jim, WA9TGO; (2) John, N9YRX; (3) Ryan, AB4ZP. Following the Home Brew Contest, the meeting was adjourned. Respectfully submitted, Debbie Shorter, KC9AOR, Secretary.

Board Meeting Minutes 10/06/03

Kevin Berlen, K9HX, called the meeting to order at 6:04 P.M. Also present were Vice President, Gary Adams, W9EEU; Trustee, Ray Andrews, K9DUR; Past President, Steve Shorter, NT9T; Board Member at Large Dave Littlejohn, N9FMD; Treasurer, Don Pine, K9DRP, and Secretary Debbie Shorter, KC9AOR. Guests present were Gary Wheeler, K9ERE and Chad Zerkle, KC9BZG. There were no announcements. Debbie, KC9AOR moved that the **Secretary's Report** be approved as published in *The Bandspread*. Ray, K9DUR, seconded the motion; the motion passed. Don, K9DRP, presented the **Treasurer's Report**, which showed a balance on hand of \$3,019.10 and moved that it be approved as distributed. Gary, W9EEU, seconded the motion. Ray noted that a correction should be

made to the amount of postage reimbursed to him on 10/6/03 as \$44.40, not \$44. The motion to approve the Treasurer's Report as corrected carried. **Old Business:** (1) Repeater Issues: Kevin requested that someone print out the 400 page manual for the controller as the manual is only available on line. Gary, W9EEU, will print it for him. Repeater issues were discussed. Kevin plans to try to have all changes made by the first part of December. The repeater will be down for most of one day while the repeater is being re-worked. Dave, N9FMD, and Ray, K9DUR, reported that they ran several tests which indicate that the interference we are experiencing is not coming from within the city of Terre Haute. Kevin noted that tightening the squelch and adjusting the receiver may help; he will do that as soon as possible. The new digital audio board has options to preprogram several messages and asked the Board to consider messages to have recorded. This will be tabled until another meeting; Kevin will e-mail the Board members when he wants them to bring their ideas regarding messages to record to the meeting. (2) 2004 meeting ideas were discussed. A tentative schedule will include: January - "Check your rig", February - Budget/Update of Log Book of the World by Ray, K9DUR; March - ISP communications; June - Operating Procedures; October - Home Brew. Other program ideas were discussed as well. The Christmas dinner program options were also discussed. (3) Vigo County CD Generator: Kevin reported that the paperwork is supposed to be available tomorrow. (4) IRCC Meeting October 11; Ray noted that he needs someone to help with talk-in. (5) Tailgate party: Flyers need to be available to distribute at the Fort Wayne Hamfest. Ray noted that the deadline for publication in QST is December 1. We will advertise that we have plenty of indoor space available and there is no extra cost to sell, inside or out. Ray gave Don the information for submission of information to QST; Don will notify them about our Tailgate Party. Don will design the flyer and Gary, W9EEU, will print it. In response to the concern that the site was "difficult to find" by some, we will advertise APRS coordinates, talk-in and the address of the Marine Corp League. (6) Net Coordinator/Club Station Manager vacancies - Kevin reported that both vacancies have been filled. Ray, K9DUR, has agreed to serve as Club Station Manager with Don, K9DRP as Assistant. Kay, KB9HYH, will be the new Net Coordinator, with Gary W9EEU, assisting with the setting up of the computer program. (7) Special Event: WVARA 70 years affiliated with the ARRL, April 5, 2004. The request for the special event call sign "W9U" has been submitted but not yet approved. The special events form for listing in QST must be in no later than February 1. We want the special event information in the April issue which comes out the third week in March. Ray will try to have this request submitted this week if possible. The event will run the week-end April 5 before through the week-end after. It was decided that we will operate 14 hours per day on the weekends and several hours in the evenings during the week. We need to be thinking about the 4 bands we want to use and have them all end in 70. The Board discussed membership participation and certificates for participation. There was discussion regarding rearranging the Club's program schedule to allow discussion of this event along with log book of the world in February. Ray reminded the Board that we are committed to running a 1-day special event station for the Bison Stampede. **New Business:** (1) MIX-FM activity: Chad, KC9BZG, presented an idea to see if the Club would be interested in participation in setting up a station at Honey Creek Mall and have the kids use ham radio to talk to Santa. Ideas were discussed; it was decided that the best day would be Saturday December 13 between 10 and 7. Specifics of operation were discussed. Ray moved and Steve seconded a motion to participate in this activity if the details could be worked out between the mall, the radio station and the Club. The motion passed. The Board reviewed the revised by-law (see attached). Ray

moved to approve as revised; Steve seconded the motion. The motion passed. (2) Life Member Recognition. Kevin noted that we now have two Life Members: Keith Reedy and Ray Andrews; there was discussion regarding the best way to recognize Life Members. Dave moved to honor Life Members by having the Club purchase a plaque, with the names of the Life Members, to hang in the Club Station at a cost not to exceed \$50; Steve seconded the motion. The motion passed with one member abstaining. Gary, W9EEU, moved that Life Members be presented with a Certificate of Recognition; Dave, N9FMD, seconded the motion. The motion passed with one member abstaining. (3) Dave presented the Home Brew Contest for discussion. Ideas for improving the event were discussed but no decisions were made at this time. (4) Don reported that the insurance certificate for payment has been received. It will be retained in the Trustee's Box. (5) There was discussion of a plaque to be placed on the controller in memory of Natalie, K9CAT. The Board agreed that this will be done as soon as possible. (5) Regarding tracking of dues paid, it was decided that as people pay their dues, that information will be added to a secured web page so those needing the information will be up to date. Ray volunteered to set up the web page. There being no further business, the meeting was adjourned at 8:10 P.M. Respectfully submitted, Debbie Shorter, Secretary.

Proposed Constitutional Revision

Article II, SECTION IVc. now states:

c. Issue all checks with the signature of the Treasurer and one other officer, provided that the second officer is neither a member of the immediate family of the Treasurer nor a member of the same household.

The proposed revision would change the section to read:

c. Issue all checks with the signature of the treasurer and one other officer, unless the disbursement has previously been approved by the Executive Board or by the general membership, in which case only the signature of the Treasurer is required. When a second signature is required, the second officer shall not be a member of the immediate family of the Treasurer or a member of the same household.

The preceding proposed revision will be presented to the membership for ratification at the November seventh general meeting. -Ed.

W9NAA's Big Project



Over the past two months, the Rose Tech. Radio Club has embarked on their biggest project in ten years. Last spring, the officers of the club decided that the time had come to replace all the station's tower feedlines. Initially, this seemed like a fairly trivial weekend project but in the end, it turned out to be massive club-wide effort that required hundreds of man-hours.

The W9NAA station has four antennae atop 30 feet of a Rohn 25G tower that is located on the roof of Moench Hall. These antennae include a 2m/70cm vertical, a pair of 11 element, 2 m Yagis, a 21 element, 70 cm Yagi, and a massive Mosley Pro-57-B HF beam antenna. All of these antennae are mounted to a mast that extends 15 feet above the top of the tower and are well out of reach. Because of this configuration, the antennae must be brought to the ground for service.

During the final weeks of our summer break, the officers started planning out the project. We selected the coax cable (LMR-400-UF) and started to sketch out the game plan. Initially, the plan was to start early on a Saturday, take down the antennae, attach the new feedline, and put the antennae back up – all in one day. Easy, right? Not quite.

On our first workday, we managed to get the HF beam antenna to the ground but that is where our luck ended. After the HF beam antenna was out of the way, the next step was to lower the mast inside the tower so that we could reach the remaining antennae. In order to do this, we needed to get the rotator out of the center of the tower. Due to a seized U-bolt, we were not able to free the rotator – it was simply too big. Unfortunately, this is the point where our lack of experience caught up with us. We decided to take the "divide and conquer" approach to the getting the rotator out of the tower. The plan was to take it apart into smaller pieces and remove them one by one from the tower. After removing the lid from the rotator we got a little more than we bargained for with the whole "smaller pieces" idea – we spilled a good portion of the 98 ball bearings all over the roof of the school! It was getting late in the afternoon and we decided to secure the remaining antennae and call it a day.

Over the course of the next week we learned that the seized U-bolt was causing all of our problems and that once removed, the rotator would come free. The next weekend we returned to the roof with hacksaw in hand. Sure enough, after some adjustment from the trusty hacksaw the U-bolt came loose and the rotator departed the tower. Getting the remaining three antennae down was trivial.

During the following week we finished up a bunch of the smaller tasks for the project. John, N9YES, cleaned up the rotator parts and got it pieced back together per manufacturer instructions. Ryan, AG4ZP, ordered replacement stainless steel hardware for all the antenna mounting and terminated the coax feedlines with help from Joseph, KC9BWW. Stu, KC9DRK, sanded and repainted the HF Beam mounting bracket and verified that we had all the hardware we needed.

At last, the final weekend of the project arrived – the antennae were ready to go. Starting at 7AM on a beautiful Saturday morning, we started putting antenna's back up on the tower. First to fly was our 2m/70cm vertical antenna that lives at the very top of the mast. After the antenna was mounted, the mast was hoisted upward so that the next antenna could be mounted. While this was being done, we snagged one of the vertical antenna's ground radials on the gin pole and snapped it clean off. Clearly, this antenna was not going to behave as designed without this radial so we decided to lower it back down to the ground. With the antenna and broken radial in hand, AG4ZP and N9YES ran down to the machine shop for some fun with the lathe and die set. Approximately 30 minutes later we had a new radial threaded up and mounted to the antenna. This antenna was as good as new!

After repairing the vertical antenna, we were able to get it along with the 2m Yagis and the 70cm Yagi mounted with only a couple of minor hiccups. By the time we got to this point, it was 5:30 in the afternoon. The last big hurdle for the project was raising the HF beam antenna, and, although it was late in the afternoon, we decided to go for it. For those of you not familiar with the Mosley Pro antennae, they are very large multi-band HF beam antennae. Our Pro-57 is about 27 feet by 24 feet and weighs in right around 100 lbs. In raising the antenna with the gin pole, the largest difficulty is keeping the fragile aluminum elements free of the tower's guy lines. After two or three trips halfway up and down the tower, we finally found an orientation that allowed us to raise the antenna all the way without tangling in the guy lines. By the time the antenna was mated to the mast it was well after sunset, and by the time all the U-bolts were tightened down it was about 8PM. KC9DRK deserves kudos here. By the time he was putting U-bolts into the HF beam antenna, he had already been on the tower upwards of 10 hours that day alone. Finally, the antennae were back on the tower with new feedlines!

By the time this article is printed, we will have routed the new feedlines into our shack and should be back on the air. Check out the URL below for pictures of the project from start to end. Special thanks go out to Roy, KG9GN, for lending the club a gin pole that made the whole project possible. Additionally, we would like to thank the countless local hams that provided advice and opinions throughout the project.

<http://www.rose-hulman.edu/Users/groups/radioclub/HTML/>

73,

Ryan "The Cable Guy" AG4ZP, Stu "The Tower Monkey" KC9DRK, John "The Rotator Mechanic" N9YES

Ask Dr. Elmer

Dear Dr. Elmer... What is the purpose of your column?

"Dr. Elmer" has decided to offer his column as a means of helping our new hams and old alike get more from the hobby. The term "Elmer" is used in ham radio to describe the process of one ham using his experience to help another. *The Bandspread* will solicit questions from our membership, and answer one question at a time in monthly issues. We expect that most of the questions asked will deal with topics that were not covered in classes, but tend to show up when we begin to operate. Also, older hams sometimes forget these things.

We think the column will cover various issues not only technical in nature, but operating issues as well. Several questions have already been asked since this idea was first announced, but we continue to ask for your input. Send any questions or comments to the Bandspread editor by e-mail at k9ere@earthlink.net or to the WVARA at P.O. Box 81, Terre Haute IN 47808-0081

Field Day 2003 Standings

Well, we came in second on Field Day for the 4A category in the Central Division. The Fort Wayne Radio Club beat us by a little more than a couple of hundred points. Rats! Here's a list of finishers in the 4A category for the Central Division.

Call Score Category QSOs Power Mult GOTA Call Section Participants Club

- 1 W9TE 4,340 4A 1,133 2 KB9WWM IN 48 Fort Wayne RC
- 2 W9UUU 4,102 4A 1,028 2 IN 48 Wabash Valley ARA
- 3 W9GO 3,164 4A 682 2 IN 27 Kokomo ARC
- 4 W9JZ 3,090 4A 921 2 N9OJN WI 30 Four Lakes ARC
- 5 W9AXD 2,964 4A 627 2 IL 8 Rockford ARA
- 6 W9MKS 2,806 4A 441 2 KB9EZZ IL 51 Starved Rock ARC
- 7 W9BPT 2,006 4A 601 2 IL 30 Palisades ARC
- 8 W9OG 1,756 4A 478 2 N9QVQ IN 20 TARS
- 9 K9WJ 1,206 4A 375 2 IN 18 Dirty Dawg CW Group
- 10 W9SSP 1,054 4A 152 2 IL 16 Lamoine Emergency ARC
- 11 WR9ARC 930 4A 103 2 WI 47 Riverland ARC
- 12 WA8RFH 916 4A 194 2 WI 21 Chaios Theory

- In all of the 4A category we came in 25th out of 111.
- In all of the Central Division we came in 30th out of 184.
- In all of Field Day we came in 316th out of 2060.
- We did better than 84% of the operations that reported.

Don't break your arm patting yourself on the back.

Darn. We came in second. Wait a minute. That ain't bad. In fact that's pretty darn good. We might actually be starting to get the hang of this. - Jim, WD9EYB

Rev. Aug 03

WABASH VALLEY AMATEUR RADIO ASSOCIATION MEMBERSHIP APPLICATION - 2004

Please complete this form and include your dues with it. You may return this application in person or mail to:

WABASH VALLEY AMATEUR RADIO ASSOCIATION, INC.
P.O. BOX 81
Terre Haute, IN 47808-0081

Name: _____ Call: _____ License Class _____ ARRL member?
 Address _____ City _____ State _____ Zip _____
 Phone () _____ - E-mail address _____
 Date of Birth (Mo/Dy/Yr) ____/____/____ Year first licensed _____ Year of last renewal _____
 ARES member? QCWA? RACES member? MARS member? New member?
 Please describe any employment or other special skills that might benefit Amateur Radio.

If you are applying for a family membership, please list below, the licensed family members living at home, that you wish to include.

Name: _____	Call: _____	License Class _____	ARRL member?	<input type="checkbox"/>
Name: _____	Call: _____	License Class _____	ARRL member?	<input type="checkbox"/>
Name: _____	Call: _____	License Class _____	ARRL member?	<input type="checkbox"/>

Add \$5 per family member above to the Single rate below. To include ARRL membership, see QST for amount.

Dues options: Single (\$20) Family: ARRL membership Total pmt: \$ _____

Note: 1. Payments made Sept. - Dec. apply to membership for the following year; 2. ARRL also has a family membership program. See QST.



Peggy Coulter W9JUI - SK

Shown here receiving the ARRL Central Division, Indiana Section, Lifetime Achievement Award in 2000, "For 50 Years plus of Commitment to Indiana Amateur Radio."

It is with much sadness that I report the passing of Peggy A. Coulter W9JUI. Peggy served as Indiana Section Manager for 12 years from 1990 to 2002. For 11 of those 12 years, I served as Section Emergency Coordinator with her guidance.

Peggy was first licensed in 1950. She was a life member of the ARRL, life member of QCWA, charter member of Quarter Century Wireless Women, and a member of the Young Ladies Radio League since 1950. A member of the Muncie Area Amateur Radio Club. She received the Indiana Amateur of the Year award in 1951 and 1979. Peggy also served as Section Traffic Manager for 10 years, Manager of the 9th Region Net, and Transcontinental Corps for the Central Area for 5 years.

Peggy was a member of Losantsville O.E.S. 536. A 50-year member of O.E.S. and a Past Matron of Whitney Chapter No. 564. A Private Pilot, and a past Chairman of the Indiana Chapter of Ninety Nines Inc, and had flown in the the Powder Puff Derby. She was a member of Cornerstone Brethern Church and Ministries.

- Excerpted from an e-mail sent by Jim Sellers, K9ZBM, current Indiana Section Manager, ARRL. Photo courtesy INARRL.ORG

VE Testing

TERRE HAUTE: 1st Sunday of even-numbered months
1 PM local time
Red Cross Bldg.
700 S. 3rd St.
Terre Haute, Indiana

Further information may be obtained from Steve Shorter, NT9T, Terre Haute, IN., at (812) 232-4788 or nt9t@arrl.net

MARSHALL: 2nd Saturday of odd-numbered months

8:30 AM Illinois time
1st Christian Church
902 N. 6th Street
Marshall, IL 62441

- Walk-Ins Welcome -

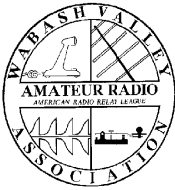
For further information, contact:
John Van Sandt, N9YRX (217) 826-8821
Ray Andrews, K9DUR (812) 535-3222

November 8 Marshall

December 7 Terre Haute

THE BANDSPREAD

Official Publication of The Wabash Valley Amateur Radio Association, Inc.
P.O. Box 81
Terre Haute, IN 47808-0081



NOVEMBER 2003

2003= year.

NL= Newsletter only.

COMP= Complimentary subscription.

LIFE=Life Membership.

If there is no symbol showing on your mailing label, this is a one-time complimentary copy of The Bandspread. If so, we invite you to fill out the enclosed membership form to join the Wabash Valley Amateur Radio Association.

The **Bandspread** is the official publication of the Wabash Valley Amateur Radio Association, Inc. Organized around 1927, as a non-profit public service organization, it was affiliated with the ARRL on April 5, 1934.

Board Of Directors:

President Kevin Berlen, K9HX
Vice-President Gary Adams, W9EEU
Secretary Debbie Shorter, KC9AOR
Treasurer Don Pine, K9DRP
Trustee Ray Andrews K9DUR
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Gary Wheeler, K9ERE

Bandspread Facilitator:
Dave Littlejohn, N9FMD

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Ray, K9DUR & Natalie, K9CAT, Andrews

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wvara@mailman.qth.net

Webmaster: David Pifer, N9YNF
<http://www.w9uuu.org>

