

**Nixa Amateur  
Radio Club,  
Inc.**

# Open Mic!

**Volume 2; Issue 4**

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## March Meeting With OMAR

In March, we opted to not have a normal business meeting and meet with the Ozark Mountain Amateur Radio (OMAR) group at their March antenna party. W5YI VE testing was provided by Don Dillard's VE testing group. Of special interest, Gary Doucey's (N0IRN) 12 yoa grandson passed his tech license at the session. Gary's son is N0IRM for those of you that have heard him on the air. They are all pretty excited for the newest ham in the family.

The antenna party was held at the Faith Lutheran Church in Springfield, the same place that OMAR holds the hamfest. This year, however, poor weather showed up and rain and the possibility of snow and ice kept some away. Although the great outdoors could not be utilized to build antennas, the indoors eyeball QSO's were great.

On the business side, Jeff Kerr, KC0VGC, called Penninger radio and confirmed the parts we needed and placed the order. We recently received the mast and all the hardware necessary to mount our antennas. Comet antenna and WB0W further supported the project by donating a Comet GP-15 6m, 2m, 70cm tri-band vertical for the project. We also received an Iota DLS-55 power supply to supply the whole station. The 55-amp, 12 vdc power supply was donated to us by Iota Engineering. Tigertronics also jumped on board to support the HF station by donating a Signalink USB digital HF mode interface. We will soon be purchasing the Alpha Delta HF wire antenna for the project and the necessary tracks to make a nice install run of coax in the backup dispatch station area.

Currently, we have a grant

pending for the purchase of a logging PC which can also be used for station remote control and a second grant for the purchase of the radios for the station.

We will be planning a work day at the fire department in the future to begin hanging antennas, etc. The Nixa Fire Department has agreed to help us with their bucket truck when needed, which will make much of the install a breeze

James Adkins, KB0NHX, is also working on the backup repeater for the 145.270 that was donated to the club by Bob Du Brul, WB0RJR. The repeater is a Motorola MSR-2000 and the crystals just arrived last week. If we don't run into any bad cards, the repeater should be tuned up and ready for use in the near future during the 145.270 rebuild project.

## Special points of interest:

- March meeting wrapup
- Nixa Bike Ride & Sucker Days Special Event
- Local Nets of Interest
- Member Spotlight - Jim Adkins, KC0IYI
- Treasurer's Report
- Club Contact Information

## Sucker Days Special Event Station — 2nd Annual

This year's special event station at the Nixa Sucker Days should be an improvement even on last year's event. Jim Adkins, KC0IYI, is trying to get us a booth next to the Christian County Emergency Management, Nixa Police and Nixa Fire booths. There, we hope to showcase amateur radio to

the public. With an HF station and a 2-meter station, we hope to work stations from all over the world. In addition to showing how fun HF can be, we also hope to showcase EchoLink as an IP based mode of communications over radio. We think this will help attract younger hams into the hobby.

If you can volunteer to come out and spend an hour or so at the booth, e-mail us at suckerdays@nixahams.net and let us know. We need to have 2 people at the booth at all times to operate and greet the public. This year's event is Saturday, May 16th, 2009. Setup will be taking place between

# Area Nets of Interest

## Daily Nets:

146.835 - 7:00 a.m. Little Switzerland ARC Net  
 3.963 LSB 5:45 p.m. Missouri Phone Traffic Net  
 146.625 - 7:00 p.m. Douglas County Check-in Net (110.9 Hz)  
 3.585 CW 7:00 p.m. Missouri Section CW Net  
 9:45 p.m.  
 3.803 LSB 10:00 p.m. Roundtable SSB Net

## Mondays:

146.970 - 7:30 p.m. Lawrence County ARES Net  
 53.270 - 8:00 p.m. The 6-Meter Net (162.2 Hz - 51.570 input)  
 147.195 + 9:00 p.m. Taney County ARES Net

## Tuesdays:

145.490 - 7:00 p.m. Sky Warn Check-in Net (136.5 Hz)  
 145.230 - 7:30 p.m. Christian County ARES Net (162.2 Hz)  
 146.805 - 7:30 p.m. Newton County ARES Net (127.3 Hz)  
 145.270 - 8:00 p.m. Bible Belt Christian Fellowship Net (162.2 Hz)

## Wednesdays:

146.820 - 7:30 p.m. EARS Club Check-In Net  
 145.210 - 8:00 p.m. Barry County ARES Net (162.2 Hz)  
 147.150 + 9:00 p.m. Combined KARC - TLARC Net

## Thursdays:

147.225 + 7:00 p.m. Greene County ARES Net  
 145.270 - 7:30 p.m. Nixa ARC Check-in Net (162.2 Hz)\*  
 145.350 - 8:00 p.m. Four-State ARC Net (103.5 Hz)  
 52.525 9:00 p.m. Joplin 6-Meter FM Simplex Net

## Fridays:

146.910 - 8:00 p.m. SMARC Friday Night Net (100.0 Hz)

## Saturdays:

(none at this time)

## Sundays:

147.345 + 9:00 p.m. Stone County ARES Net (162.2 Hz)

\* Nets also on 53.270, 224.280, 444.275 and 927.5375 machines

## Sucker Days 2009 — Coming up soon! (Continued from Page 1)

6:30 and 7:30 a.m. and the event will continue on until Sucker Days closes down in the evening, usually around 7:30 or 8:00 p.m.

This is a great event and a good way to meet the public and put ham radio in the forefront. It's events like this that have helped us obtain some of the grants we have received for the HF station and for the repeater linking project. When



we are out there in the public eye, it gives us valuable name recognition which is very important when we go to ask the local businesses for grants for our projects.

In addition to the radios, we also plan to have handouts available from the ARRL about ham radio and also include the storm spotter cards put out by local media to help the general public track the pro-

gression of severe weather throughout the Ozarks.

So, make plans now to come out, enjoy the nice spring weather, and enjoy spending time with your friends and promoting the great hobby we all love!

## Nixa Bike Ride — Volunteer hams needed for communications

Cell phones, didn't work. Ambulance service two-way radios, didn't work. Now, they are calling on the amateur radio community to make communications possible. Anyone that has a radio and wants to do a great service to their community, this is your chance to spend a morning and / or afternoon serving those participating in the Nixa Bike Ride event, sponsored by St. Johns Hospital. We need 20 people to man

the rest stations, operate out of the sag vehicles, and work with event coordinators. If you have a 2-meter mobile, you



Workers at the 2008 Nixa Bike Ride for a Healthier Community event

can help! This event is still a ways off, but we need to know ASAP who can help. Send an e-mail today to kb0nhx@nixahams and let him know if you are available and willing to participate. This years event will be catered by Back Yard Burgers, which will be free to those who participate.

## Technical Committee Update

In March, Jeremy Tannehill, KC0UJZ, went to Cox Hospital and re-oriented the 900 MHz wireless Internet radio antenna so we have clear line of site to the access point. Though we are still crunching the numbers, overall performance appears to be have improved dramatically. Jeff Kerr, KC0VGC, and Bryon Jeffers, K0BSJ, are monitoring the link with special software.

James Adkins, KB0NHX, and Jeremy Tannehill, KC0UJZ, also went up to Cox Hospital a second time (John Copelin, KC0QNM was sicker than a dog!) and adjusted the audio levels on the 442.275 and 224.280 repeaters. So far, audio reports have been very good. While there, they also made corrections to the Linksys router that is used in conjunction with the wireless Internet so that it can be accessed remotely. This will give us future remote pro-



*Pic of 442.275 and 224.280 repeaters & IRLP node PC*

gramming capability of the controller along with other abilities to monitor the Internet service once the DekTOP computer is installed at the site.

Jeff Kerr, KC0VGC, is working on the DekTOP com-

puter, which is a very small PC, that will be installed at the tower site. The club was able to trade for this piece of

equipment with some of our surplus property

Lastly, James Adkins, KB0NHX, went to the 927.5375 site and adjusted audio levels there. At that site, we were double de-emphasizing audio, causing an overly bassy audio. With the emphasis jumpers set correctly, and the incoming levels and transmitter deviation adjusted properly, we think we have all the sites set up properly.

We have officially requested tower space from the MSHP for our Northwest remote receive site in Milo, MO (near Nevada) and our Southwest remote receive site in Granby (near Joplin) for the 53.270 repeater. These sites will greatly expand our coverage well out into Oklahoma and Kansas.

## Nixa ARC Repeaters

### 6-Meters: (Republic)

53.270 / 51.570 PL 162.2 Hz

### 2-Meters: (Nixa)

145.270 / 144.670 PL 162.2 Hz

### 1.25-Meters: (Springfield)

224.280 / 222.680 PL 162.2 Hz

### 70-Centimeters (Springfield)

442.275 / 447.275 PL 162.2 Hz

### 33-Centimeters (Republic)

927.5375 / 902.5375 PL 162.2 Hz

## March 2009 Treasury Report

\*\*\*No Treasurer's Report Submitted for March 2009\*\*\*

\*\*\*No business was conducted at the March Meeting\*\*\*

\*\*See complete 2-month treasurer's report in next newsletter\*\*

## Member Spotlight . . . . .

Jim Adkins, KC0IYI, received his ham radio license on October 11, 2000 at a Saturday morning Kimberling City ARC meeting.

Currently, Jim has an Icom 2100 for his 2-meter mobile. For his base station, he utilizes a Midland 70-0520CVB for his 6m station, a Midland 70-3400B for his 2m station, a Motorola CDM-1550LS+ for his 220 station, a Motorola Maxtrac for his UHF station, and Motorola Spectra for 900 MHz. Though he's not on 220 or 900 yet,

he has a yagi for 900 MHz and built a J-pole for 220 MHz. He also built a UHF J-pole for 440 FM work.

Jim is active in the club. He helped with the Communications Classic golf tournament in 2005. He also helps each year at Field Day, and has spear-headed the Sucker Days station the past two years.

Jim's favorite hobby is golf, and you will find him on the links most days.



*Jim Adkins, KC0IYI, base station radio setup*

**We're on Yahoo!**

**Nixahams@yahoogroups.com**

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## **NIXA AMATEUR RADIO CLUB, INC.**

*Those saying it can't be done should  
stay out of the way of those doing it.*

**We're on the Web!**  
**[www.nixahams.net](http://www.nixahams.net)**

The Nixa Amateur Radio Club, Inc., call KC0LUN, was founded in April 2002.

The club assists in providing communications for many different public service events. We work with Greene and Christian County ARES and the National Weather Service by providing communications for Sky Warn spotting. We also work with Greene County ARES and other organizations in providing communications for the MS-150, and American Diabetes Association fundraiser bike rides. We hold special event stations for local hams to participate in, such as the annual Sucker Days celebration and the annual ARRL Field Day drill for emergency preparedness. We encourage our members to not only participate in our club events, but to also be members of their local ARES and RACE's groups, and the Christian County CERT team.

The club provides 5 repeaters that are open for all hams to use. These repeaters are part of a sophisticated linked system which allows all repeaters and VoIP nodes to be linked together simultaneously for nets or emergency events and announcements. We also provide VoIP modes, such as EchoLink and IRLP for our members to explore. Currently, we are working on a club HF station to be installed at the Nixa Fire Department General HQ Emergency Operations Center.

The club holds "The 6-meter Net" on the 53.270 repeater weekly on Mondays at 8:00 p.m., which covers all radio bands 6-meters and below. We also have a weekly check-in net on the 145.270 repeater on Thursdays at 7:30 p.m. The net is simulcast on all 5 Nixa ARC repeaters, IRLP and EchoLink. Feel free to check in on any band! The 145.270 repeater also hosts the "Bible Belt Christian Fellowship Net" held on Tuesdays at 8:00 p.m.

Visit [www.nixahams.net](http://www.nixahams.net) for more exciting information!

## **Nixa Amateur Radio Club Elected Officers**

### **President: Chris Cochran, KBØWZC**

- Chris has been club president since the club's beginning in 2002. Chris and his wife, Shannon, KCØSQB, have two daughters, Jordan, KCØSQC, and Olivia, and a son, Jacob. Chris currently works in PC Networking. In the past, Chris has managed a Pizza Hut store, where he first became interested in amateur radio. Chris' primary interest in amateur radio is promoting ham radio and continually improving club equipment.
- E-mail: [kb0wzc@nixahams.net](mailto:kb0wzc@nixahams.net)

### **Vice-President: James Adkins, KBØNHX**

- James started serving the club as Secretary when the club was founded, and then moved into the Vice-President position. James and his wife, Kim, KCØGKP, have two children, Sierra and Kolton. James works as a technical field engineer and repairs two-way radio and repeater equipment daily. In the past, James delivered pizza while attending college. James' primary interests in ham radio include maintaining the club repeaters and promoting amateur radio. He enjoys operating HF through 1200 MHz from his home station.
- E-mail: [kb0nhx@nixahams.net](mailto:kb0nhx@nixahams.net)

### **Treasurer: Jeff Morrissey, KBØWVT**

- Jeff is a charter member of the Nixa Amateur Radio Club and took over the treasury job almost 2 years ago. Jeff has a daughter, Brooke, KCØYVF, and son, Garrett. Jeff works in management and has a background in computer networking. Before ham radio, Jeff was an Internet guru and ran a BBS from his house. Jeff's primary interests are SkyWarn spotting, being active with Christian County CERT, and other emergency communications support.
- E-mail: [kb0wvt@nixahams.net](mailto:kb0wvt@nixahams.net)

### **Secretary: Jeff Kerr, KCØVGC**

- Jeff obtained his license in 2005 and began to immediately make an impact with the club and was elected as secretary shortly thereafter. Jeff and his wife Dee have two daughters, Emily, KCØYOO, Stephanie, and a son Brandon. Jeff works in PC Networking and considered computers his hobby before amateur radio. Jeff's primary interests include 6-meters and HF SSB as well as 900 MHz FM.
- E-mail: [kc0vgc@nixahams.net](mailto:kc0vgc@nixahams.net)