

PRINTED CIRCUIT

JANUARY 2008

Newsletter of the Joplin Amateur Radio Club

Vol. 18 Issue No. 1

The World of DX

I know we are near the bottom of the 11 year solar cycle with little DX on 10 and 15 and 20 meter bands that is folding up around sunset, but there is DX to be worked, especially on the lower bands. For CW, 40, 30 and 80 meters have become great DX bands.

I remember when I was first licensed and worked my first real DX station VK2ALJ in Australia. It was on 11 meters AM. (a ham band then). I was running just 50 watts AM to a dipole antenna cut for 10 meters.

This year, I decided to work more CW than in past years. This CW bug bit me on **Straight Key Night** on New Years Eve. After the recent ice storm, I put my 40 meter antenna back up and have worked these stations on 40 CW, running just 100 watts to the Kenwood 570!

OO4T Belgium
OC11 Peru

EI9JF Ireland
CO5LY Cuba

All of these were on the low end of 40 meters, from 7000-7050 kHz. Some of these contacts were in the Extra portion of the band, but the others, were above 7025 kHz, where a novice or Technician can work.

These contacts were made mostly in the early evening hours, over a dark path. Most of Europe is 6 hours or more ahead of us. You might want to log your contacts in UTC time, plus 6 hours for CST.

I also made a contact Saturday afternoon with ZP6CW on 15 meters using my 40 meter antenna. He was the only station heard on the band but it was obvious the band was open to most of South America,

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Fostering HAM RADIO

If you visit the ARRL website, you will find a recently created *Mentor* page. Using *Mentor* instead of the more traditional term *Elmer* has raised many questions in the HAM community as to why. The reason seems well thought out. The ARRL has taken the position that most folks outside of Amateur Radio do not recognize what an Elmer is, but they do know what a mentor is. Because the program is geared toward the new ham, the ARRL doesn't want to confuse anyone.

Origin of the term "Elmer"

The term "Elmer"--meaning someone who provides personal guidance and assistance to would-be hams--first appeared in QST in a March 1971 "How's DX" column by Rod Newkirk, W9BRD (now also VA3ZBB). Newkirk called them "the unsung fathers of Amateur Radio." While he probably was not trying to coin a term at the time, here's how Newkirk introduced "Elmer" in his column and, as it turned out, to the rest of the Amateur Radio world:

"Too frequently one hears a sad story in this little nutshell: 'Oh, I almost got a ticket, too, but Elmer, W9XYZ, moved away and I kind of lost interest.'"

Newkirk went on to say, "We need those Elmers. All the Elmers, including the ham who took the most time and trouble to give you a push toward your license, are the birds who keep this great game young and fresh."--Rick Lindquist, N1RL

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President's Corner New Year Message

Happy New Year to everyone in the Joplin Amateur Radio Club as well as all Hams in the four state area. This year I've got some new ideas, as well as ways to continue plans started last year. At the first meeting we talked about making our club more attractive, more impressive, we also talked of ideas for programs and activities for the club.

Already the club is in the positive. The first meeting of the year, the attendance increased by three, and two of them were visitors. The following morning, I found an email from a local Ham asking for info on joining our club. I invite everyone, if you have any questions or comments, please put them in an email or write them down & send them to me.

I wish to thank a few members at this time, JC, K5DMI for handling the Newsletter. At this point I wish to thank Mr. Scott, WBØIYC for taking over the secretary position in the club, also he has said he will get the newsletter back out for our club. I wish to Thank Mark NØZPD for his many years of service as the secretary for the JARC. Also I wish to thank NØZSQ for his many years of service as club treasurer, and also as an assistant for the hamfest.

All in all, lets try to work together.

73's

Andy Gabbert, KAØTUD

2007 & 2008 JARC President

Jasper County Emergency Coordinator

agabbert_80@sbcglobal.net / ka0tud@arrl.net
Webb City, Mo. 64870-1192, 417-673-8371

Did You Know?

Club members can list items to buy and sell for free! See information in the Classified Ad section.

inside...

**ARES Update/Hamfest Calendar/Classifieds
January Calendar of Club Events**

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ARES Update

Until further notice, the ARES nets will be called on the 145.35 MHz repeater whenever storms are in the area.

Weather spotting classes will begin March 20th this year in the basement at the New City Hall (6th and Main Streets). More details forthcoming.

OTHER ARES NEWS

The Jasper County/Tri-States ARES participates in drills regularly with other area agencies in order to supply a coordinated communications backbone in case of an emergency. All area hams are encouraged to join ARES and become familiar with procedures.

Regular ARES announcements are made weekly at 19:30 on the JARC Monday night net, and at regular JARC meetings.

Andy Gabbert, KAØTUD
Jasper County/Tri-State ARES EC

Andy can be reached at 417-673-8371, or email at ka0tud@arrrl.net

Be sure to visit the ARES website at:
<http://www.qsl.net/jcmares/index.html>

Join ARRL through the JARC!

ARRL Affiliated Clubs receive a commission for every new ARRL membership and renewal they submit to ARRL Headquarters.

Under the ARRL Club Commission Membership Recruitment Program, clubs retain \$15 for each NEW membership and \$2 for each renewal submitted (regular and senior memberships only).

ARTICLES NEEDED FOR PUBLICATION

Have you ever wanted to be published? Every month we print articles that are submitted with the hope that they pique your interest. We encourage you to share your experiences with others in the club so that we can foster the hobby in 2008.

See submission details on the last page!

HAM EQUIPMENT FLEA MARKET

NOTE: INDIVIDUAL LISTINGS ARE \$1 PER MONTH, FREE FOR JARC MEMBERS. FS / WTB SPACE IS ALLOCATED BY DATE RECEIVED. COMMERCIAL AD SPACE IS AVAILABLE FOR A NOMINAL CHARGE.

For Sale - LEXMARK Printer Model 515

In good shape, USB port printer. It may need printer cartridge. Asking \$25 OBO.

John Tudenham WØJRP, 417-624-8058
email: w0jrp@earthlink.net

01/2008

WTB - High Power Dummy Load - Must be rated for use up to 1kW. Intermittent service is okay, continuous preferred. Can-Tenna or any brand, if reasonable price.

Contact Rob George WØTTM, 417-671-9420
email: rob.george@scottelectronic.com

01/2008

For Sale - Heathkit SB-230 Linear Amplifier

for operation from 80 thru 10 meters. Rated for 1.2 kW PEP input on SSB, and 1 kW CW. Table top, conduction cooled (no fans), using a single 8873 tube, this amp runs quiet! Requires 100W exciter for full power output. 120/240V Clean & good shape w/manual. Asking \$450
Jim Scott 417-781-2211, email wb0iyc@arrrl.net

01/2008

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it was just a noncontest weekend. Even in the low part of the solar cycle we will have many openings to South America, even on the 10 and 15 meter bands, but unless there is a contest, activity will be very low. Conditions should get much better over the next few years with the new solar cycle coming.

Something to note when making DX contacts. On 40 and 80 meters use a dark path, while a day path will work better on 30 meters and above, except for peak years of the solar cycle. These bands use *F-layer* skip not sporadic *E-layer* which can occur anytime day or night. On 10 and 15 and most of the time on 20 meters the skip follows the sun, and opens to the east in the morning, closing to the west at night. DX can be worked with a fairly small station on SSB but you will get much better results on CW, where even a very weak signal is readable.

If you want more info on working DX, send me an email at w0jrp@earthlink.net or call 417.624.8058.

'73 John - WØJRP

Area HAMFESTS and EVENTS

NOTE: LISTINGS ARE PROVIDED AS THEY BECOME AVAILABLE AND ARE NOT VERIFIED FOR CORRECTNESS. SEE BACK PAGE FOR SUBMISSIONS.

12 Jan 2008 - Springfield, MO

The Nixa Amateur Radio Club will sponsor The Ozark Mountain Hamfest, at the Faith Lutheran Church on Valley Water Mill Road
Doors open: 8 am. Tables by reservation only. For tables: Connie KBØZSG at 417-830-0336.
Entry/PRIZE Tickets - \$5 each.
Drawings at Noon. Must be present to win.
Vendors, forums, also VE Testing 11 a.m./\$14.
<http://www.nixahams.net/>

19 Jan 2008 - St. Joseph, MO

Missouri Valley & Ray-Clay ARC 18th Annual Northwest Missouri Winter Hamfest.
Ramada Inn, 7 AM to 2 PM
I-29 at Exit 47 (Frederick Ave.)
FCC exams at 8:30am, Talk-In 146.85 (100.0)
Contact: Roy Burnett, KAØSIU
P.O. BOX 1142, St. Joseph, MO 64502
Ph: 816-279-3406 Email: rfbkdb4@ccp.com

26 Jan 2008 - Collinsville, IL (STL)

St. Louis and Suburban Radio Club, Inc.,
Doors open at 8:00 AM until 1:00 PM;
Tables \$22 each, incl. admission for one person.
Raffle/Entry tickets \$6 adv. / \$7 at the door.
<http://slsrc.com/>

2 Feb 2008 - LaCygne, KS Mine Creek ARC

presents the LaCygne Winterfest at the Community Building, on Broadway Street
Talk-In: 147.285; For tables and info, contact Ron Cowan, KBØDTI Ph: 913-757-3758
Email: kb0dti@arrrl.net
Mine Creek ARC, PO Box 36,
LaCygne, KS 66040

9 Feb 2008 - Ada, OK Ada Amateur Radio

Club presents the Ada ARC Ham Fest
Pontotoc County Agri-Plex Auditorium,
1700 North Broadway, Ada, Oklahoma
Doors open 8 a.m. Tables \$10, tickets \$5.
VE testing at Noon. Talk-In: 147.285+ (114.8).
Info: Charles Etier, KC5TGA 580-436-4425.
15766 CR 1574, Ada, OK 74820
Email: kc5tga@yahoo.com
<http://www.adacomp.net/~jewell/>

16 Feb 2008 - Arkansas Section Convention

Winterfest - Lawrence County ARC
Hoxie Community Center, SW Lawrence Street
Hoxie, AR; Talk-In: 147.045/645

JANUARY 2008

Joplin Amateur Radio Club Meetings and Events

| <i>Sun</i> | <i>Mon</i> | <i>Tue</i> | <i>Wed</i> | <i>Thu</i> | <i>Fri</i> | <i>Sat</i> |
|------------|---|---|--|--|------------|------------------------------------|
| | | 1 | 2 | 3 | 4 | 5 |
| | | | 19:30 -20:30 JARC SLOW SCAN NET 147.21 MHz | 17:30 THURSDAY NITE OUT - PIZZA INN - S. MAIN, JOPLIN | | 09:00 BREAKFAST - STEAK & SHAKE |
| 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| | 19:30 JARC Mon NITE NET 147.21 MHz WØIN REPEATER NET CONTROL - NØZPD | 19:30 JARC BUSINESS MEETING | 19:30 -20:30 JARC SLOW SCAN NET 147.21 MHz | 17:30 THURSDAY NITE OUT - PIZZA INN - S. MAIN, JOPLIN | | 09:00 BREAKFAST - STEAK & SHAKE |
| 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| | 19:30 JARC Mon NITE NET 147.21 MHz WØIN REPEATER NET CONTROL - NØKMP | | 19:30 -20:30 JARC SLOW SCAN NET 147.21 MHz | 17:30 THURSDAY NITE OUT - PIZZA INN - S. MAIN, JOPLIN | | 09:00 BREAKFAST - STEAK & SHAKE |
| 20 | 21 | 22 | 23 | 24 | 25 | 26 |
| | 19:30 JARC Mon NITE NET 147.21 MHz WØIN REPEATER NET CONTROL - WD6FIC | 19:30 JARC PROGRAM MEETING KEITH STAMMER - CITY OF JOPLIN | 19:30 -20:30 JARC SLOW SCAN NET 147.21 MHz | 17:30 THURSDAY NITE OUT - PIZZA INN - S. MAIN, JOPLIN | | 09:00 BREAKFAST - STEAK & SHAKE |
| 27 | 28 | 29 | 30 | 31 | | |
| | 19:30 JARC Mon NITE NET 147.21 MHz WØIN REPEATER NET CONTROL - NØKMP | | 19:30 -20:30 JARC SLOW SCAN NET 147.21 MHz | 17:30 THURSDAY NITE OUT - PIZZA INN - S. MAIN, JOPLIN | | |

Meeting Times, Testing, and other Club Information

The Joplin Amateur Radio Club, Inc., a Missouri *not-for-profit* organization, meets on the second and fourth Tuesdays of each month at the Red Cross Building, in the North room at 7:30 PM. Enter from the West side of the facility. The building is handicap accessible.

The club organizes and participates in annual operating events, assists area agencies with communications, and offers testing and training classes for advancement in amateur radio. It also sponsors the JARC Hamfest each year in August.

The club maintains two 2m repeaters.
WØIN - 147.210+ MHz (open)
WØIN South - 145.390- MHz (91.5 Hz)

Point your browser to the club website for event information, photos of past events, and links to other ham sites.
<http://www.joplin-arc.org>

Hot topics are discussed at the Saturday morning breakfasts, where members gather about 9:00 a.m. at the Steak & Shake restaurant located on the north outer road at I-44 and Range Line Road, next to the Olive Garden restaurant.

2008 CLUB OFFICERS:

| | |
|--------------------------|--------|
| President: Andy Gabbert | KAØTUD |
| Vice Pres. Bill Reynolds | N6HXI |
| Treasurer: Jim Johannes | NØZSQ |
| Secretary: Jim Scott | WBØIYC |

VE TESTING SCHEDULE

Volunteer Examiner testing is held on the first Monday of each month except holidays at St. Paul's United Methodist Church, 2423 W. 26th St. in Joplin, MO. Sign up starts at 6:30 p.m. testing begins promptly at 7:00 p.m.

For additional details, or special accommodations contact Martin, WD6FIC (918-919-0188).

ABOUT THE NEWSLETTER

This club newsletter offers an open forum for the amateur radio community in the four-state area. *Your* comments and contributions are always invited. Items for publication, including classified ads and amateur radio related articles, may be sent to the **JARC Printed Circuit**, P.O. Box 2983, Joplin, MO 64803-2983, or *ascii text* email to: **wb0iyc@arrl.net**

Deadline for submissions is the 15th of the month preceding the month of publication. Non-Commercial Classified ads are run free for JARC members, \$1 each, otherwise. Classified ad space is available at \$12/pg/month, pro-rated for fractional parts to 1/6pg.

All submissions accepted, *email ASCII text is preferred*. All items will be edited for spelling, content, and space limitations as required.

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Joplin Amateur Radio Club, Inc.
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