

# Printed Circuit

Field Day Coming Up—June 23-24

2007.06

## AMATEURS SERVE THOSE DISPLACED BY KANSAS TWISTERS

ARRL WEBSITE

A tornado with a magnitude of EF5 swept through southwestern Kansas this past weekend, almost completely wiping out the town of Greensburg. The town, population 1500, lost its hospital, schools, churches and all of its business and infrastructure, according to Greensburg Town Administrator Steve Hewitt. Hewitt lost his home in the storm. A National Weather Service meteorologist called the tornado "...one of the most destructive tornadoes in the last 10 years."

EF5 is the highest level of a tornado on the Enhanced Fujita Scale, a classification system used by the National Weather Service. An EF5 tornado has wind speeds over 200 MPH. The Enhanced F-scale is a set of wind estimates (not measurements) based on damage. The tornado's damage path at its widest point was about 1.7 miles, and it tracked for 22 miles, moving at an average speed of about 20 MPH; it took about 15 to 20 minutes to wipe out the town, according to a National Weather Service meteorologist.

A team of hams entered the area on Saturday morning and began setting up communications, according to District 6 Emergency Coordinator Godfrey Flax,

KC0AUH. District 5 Emergency Coordinator Robert Hanke, WG0Q, activated ARES in Pratt, Stafford, Reno and Barton Counties over the weekend. There are now hams in both Greensburg and Haviland, and Net Control operations have been established in Pratt.

A team consisting of three different Colorado ARES groups is en route to the Greensburg area to support with operations there. They will also be assisting the Salvation Army in their work. One of the members, Ted Allison, N0NKG, is from Greensburg originally and still has relatives living there. This group of five amateurs will stay in the area through Sunday, May 20.

According to ARRL Kansas Section Manager Ron Cowan, KB0DTI, there are repeaters on the air, but they are some distance from the affected area. He and other hams were monitoring 3.920 MHz early Saturday morning in case there was radio activity.

The Salvation Army is conducting logistics nets at 9 AM, 3 PM and 9 PM each day on 3.920 MHz, and HF and 2 meter operations have been established in Haviland. Kansas and Western Missouri SATERN Coordinator June Jeffers,

KB0WEQ, says SATERN members will be utilized in Kiowa County to support Salvation Army canteens and the Service Center in Haviland.

"Virtually the entire city has been destroyed," said Maj Gen Tod Bunting of the Kansas National Guard on Monday. "It's as bad as anything I've seen." He said in some ways the damage is worse than Hurricane Katrina, because the entire city of Greensburg is in ruins. "There's no place to go to stage to rebuild," said Bunting, a nearly 30-year veteran of the Guard. "We'll have to create that."

Twelve people were killed in the twister, 10 from Greensburg. The town is located at the junction of Routes 54 and 183, about 45 miles east of Dodge City. It is the county seat for Kiowa County. An 11th person died in nearby Pratt County and a 12th in a separate tornado in Ottawa County.

The Red Cross said about 90 percent of Greensburg was destroyed or heavily damaged. The storm stripped trees of most of their branches and destroyed all the town's churches, the Associated Press reported. Gov Kath-

*(Continued on page 3)*

IN THIS ISSUE	
AMATEURS SERVE THOSE DISPLACED BY KANSAS TWISTERS	1
PRESIDENT'S CORNER, SECRETARY'S, & TREASURER'S REPORTS	2
HOW TO QSL	2
HAMFESTS	3
LEGISLATIVE END RUN NETS WIN FOR OKLAHOMA AMATEUR RADIO ANTENNA BILL	4

## HOW TO QSL

JOHN TUDENHAM, WOJRP

While getting on the air and making contact is no doubt a thrill, the final test of your contact is getting a QSL card. I presented some tips that have helped me over the years at the April Program meeting. I hope they help you.

First, fill out the card properly. As simple as this sounds, not having the correct mode or date can cause your request to be rejected. At the very minimum, your report must include band, mode, signal report, date, and time. Some cards may report frequency instead of band. Beware! If your card has a "frequency" column, then do *not* place the band. For example, "20M" would be OK for band, but 14 is appropriate for frequency. Some card checkers disqualify cards based on this mistake alone. Also, use UTC for your time and date; it doesn't change with daylight savings time.

Second, if requesting a card from a *domestic* station, include a self addressed stamped envelope (SASE). This is especially critical after a contest or if the operator lives in a rare county or grid. A good rule of thumb is if *you're* requesting the card, then you should provide the SASE.

Third, in the case of a foreign station, enclosing Green Stamp (GS AKA US dollar) or an IRC is almost always necessary, *if you go direct or via a manager*.

Fourth, avoid writing the call signs (either yours or the foreign station's) on the envelope. Foreign postal workers sometimes open QSL mail, seeking US dollars.

Fifth, many non-US hams use QSL managers. Sometimes these managers are located in the US. Make certain that you know where to mail your QSL card. (*Editor's Note: learn to use QRZ.com and other callbooks to find out what the operator prefers. Some countries do not want US dollars mailed and could land*

## MONTENEGRO—40

ARRL WEBSITE

Although it became a country -- and a DXCC entity -- in its own right last June, Montenegro has not had an Amateur Radio call sign block to call its own until this month.

According to The Daily DX, the International Telecommunications Union (ITU) did not want to give Montenegro an entirely new prefix, so it required the states of Montenegro and Serbia to agree upon one or two prefixes from the five (4N, 4O, YT, YU and YZ) assigned to the former Serbia-Montenegro. An agreement was reached May 11, and the ITU now lists 4O (that's "four Oscar") as Montenegro's. This means Montenegro stations may use 4O0 through 4O9, while Serbia stations will continue to use YT and YU prefixes for all call districts, 0 through 9. The ITU has taken back the former 4N and YZ prefixes for future reassignment. The ITU reportedly wants the two nations to complete the transition to new call sign blocks as soon as possible. The Daily DX Editor Bernie McClenny, W3UR, recommends that DXers update their logging software carefully to reflect the changes. ❖

*the recipient in trouble. Plus, mail theft might be a problem.)*

Sixth, the W0 QSL bureau is handled by the MVDXCC in St. Louis. Its address is PO Box 907, Florissant, MO 63032. This is a volunteer organization and receives no compensation for their services. You are not required to be an ARRL member to use their services, but you must keep envelopes with sufficient postage on file. *They do not notify you if you have cards; normally they will hold your cards for a year and then destroy them.* This bureau is for receiving foreign cards only.

Finally, the ARRL outgoing QSL bureau offers its service to League members. While slower than going direct, it's cheaper since they mail in bulk to various countries. ❖

## PRESIDENT'S CORNER

ANDY GABBERT, KA0TUD

Due to the past weather, the Tailgate was canceled, although I would like to see it rescheduled. The April business meeting was canceled also due to weather and the lack of members present. The May Program meeting we had about 8 present, and there were 2 speakers. JJ, the Director of Red Cross Disaster Services spoke, regarding the misunderstanding that the hams have in regard to the background checks. Keith Stammer, the Emergency Management Director of Joplin spoke regarding the duties of his job. He also made a point to point out the difference between an emergency and a disaster. After the speakers, the members sat and talked of the future direction of the club. ❖

## SECRETARY'S REPORT

MARK MITCHELSON, NOZPD

No Secretary's Report was issued in time for publication. ❖

## TREASURER'S REPORT

JIM JOHANNES, NOZSQ

Income during March included dues renewal, soft drink sales/donations, and sale of LMR coax.

Expenses included our insurance premium and postage for the March newsletter.

Both our checking and money accounts have balances. ❖

## EDITORIAL POLICY

- 1 Articles are due the first Monday by 4:00PM.
- 2 Submissions may be handwritten, typed, or emailed.
- 3 Readers are welcomed to comment but should focus on the article.
- 4 Buy-Sell-Trade items may be posted for no fee.

All articles are subject to editing. ❖

## KANSAS TWISTERS...

*(Continued from page 1)*

leen Sebelius told the AP on Sunday that Kansas' response to the disaster will likely be hindered because equipment such as tents, trucks and semitrailers are now in Iraq, saying Kansas lacks about half the large equipment it could use for recovery efforts and debris removal, including dump trucks and front loaders. More than 20 percent of the state's Humvees and 15 of 19 helicopters were sent to Iraq, according to officials with the Kansas National Guard. Nearly 70 Kansas National Guard troops arrived in Greensburg on Monday to supplement about 40 troops already on the ground.

The entire town was evacuated Friday night. More than 400 people are in shelters in the town of Haviland, about 11 miles east of the devastated town, and Pratt, about 31 miles east. The Salvation Army dispatched canteen units from Dodge City and Hutchinson, about 87 miles east of Greensburg. A shelter was also opened in Mullinville at the high school gym, about 10 miles west of Greensburg. On Sunday night, the Red Cross requested operators to provide communications between the hospital in Pratt and the shelter in Haviland.

Greensburg residents were expected to be allowed to return to what's remaining of their homes Monday morning, according to The Associated Press. Searchers spent the weekend sifting through the debris and are still hoping to account for residents who fled as the storm approached.

"Some of this rubble is 20, 30 feet deep and that's always a challenge, Bunting said Monday. "That's where we've spent all our efforts, and we'll do it again today."

Hewitt said it's "hard to tell" if anyone is trapped in the rubble, but "it's a possibility. The search and rescue continues and it will continue until ... we find everything and have everything organized. We need to make sure we've found ev-

erybody and everybody is safe and accounted for."

The Federal Emergency Management Agency (FEMA) is on site with two mini Emergency Operations Vehicles (EOV), and two mobile Disaster Recovery Centers (DRC) with satellite communications. They are currently considering staging areas for travel trailers and mobile homes. In anticipation of state requests, water, MREs, and tarps are waiting in Pratt.

President Bush declared Kiowa County, Kansas, a major disaster area, making federal aid available to people and communities affected by the storm. "Our hearts are heavy for the loss of life in Greensburg, Kansas," Bush said Sunday. "I declared a major disaster for that community, and I hope that helps. It's going to take a long time for the community to recover."

Some information from [www.cnn.com](http://www.cnn.com) and the FEMA National Response Coordination Center (NRCC).❖

## ARRL CENTENARIAN MEMBER

The ARRL has extended its congratulations to League member Harvey Baalke, W9HNX, of Sheboygan, Wisconsin, who celebrated his 100th birthday March 23. Wrote ARRL CEO David Sumner, K1ZZ, on the League's behalf: "I seldom have the privilege of writing to an ARRL member on the occasion of their 100th birthday! Please accept belated congratulations on behalf of the Board, staff and your fellow members of the ARRL. I know you have seen many changes since you were first licensed. One thing that has not changed is the unique camaraderie among radio amateurs of different generations and cultures. Best wishes from the worldwide Amateur Radio community. Sincere 73."

Baalke first joined the ARRL in 1936.❖

## HAMFESTS

**15 July 2007. Washington, MO.** 45th Annual Zero Beaters Hamfest, Hillerman Park (Grand Avenue). Zero Beaters ARC. Talk-In: 147.240+. Contact: Jim Glasscock, W0FF, 8300 Whiskey Creek Road, Union, MO 63084-2715. Phone: 636-584-8888. Email: [foxfax@yhti.net](mailto:foxfax@yhti.net) <http://www.wa0fy.org>

**20-21 July 2007. Oklahoma City, OK.** Oklahoma Section Convention (HamHoliday 2007), Oklahoma State Fairgrounds (NW 10th & May Ave.). Central Oklahoma Radio Amateurs, Inc. Talk-In: 146.82- (PL 151.4). Contact: David Duskin, NE5S, CORA, PO Box 55600, Del City, OK 73115-5600. Phone: 405-386-6739. Email: [HamHoliday@hotmail.com](mailto:HamHoliday@hotmail.com) <http://www.HamHoliday.org>

**21 July 2007. Warrensburg, MO.** Warrensburg Hamfest, Johnson County Fairgrounds (Highway 50). Warrensburg Area Amaterur Radio Club. Talk-In: 146.880 + (PL 107.2). Contact: Keith Raihala, N0VJ, WAARC Inc., PO Box 1364, Warrensburg, MO 64093. Phone: 660-422-7273. Email: [n0vj@arrl.net](mailto:n0vj@arrl.net) <http://www.waarci.org>❖

## FIELD DAY 2007!

Are you ready for Field Day this year? Here's our chance to show the Four States what amateur radio can do.

It will be held on the fourth weekend of June (23-24), and we need as many operators as possible.

If you'd like to volunteer (operating time, equipment, certain modes, etc.), let Andy Gabbert know as soon as possible.

Plus, if you can help with contacting media and government officials, please Andy know as well.❖

## LEGISLATIVE END RUN NETS WIN FOR OKLAHOMA AMATEUR RADIO ANTENNA BILL

ARRL WEBSITE

An Amateur Radio antenna bill has made it through the Oklahoma legislature and now awaits the signature of Gov. Brad Henry. Securing passage of the essence of the limited federal pre-emption known as PRB-1 was no mean feat, however. Proponents of the legislation had to switch to Plan B after House Bill 1037 (HB 1037) failed to make the House calendar for a vote after getting a "do pass" recommendation in the General Government and Transportation Committee. Supporters of the measure were successful in getting the language of HB 1037 attached to Senate Bill 426, which involves municipal annexations. SB 426 passed the Senate 45-2 and the House 90-5.

"We expect Governor Henry to sign the bill soon and are networking with his office to ensure his approval," said ARRL Oklahoma Section Manager John Thomason, WB5SYT. "The Oklahoma Section members really rose to the task to communicate our need to legislators, key community members including emergency managers and the general public who benefit from Amateur Radio emergency communications."

Thomason said the bill's supporters reminded lawmakers that some Oklahoma Section members have been among those supporting emergency communication in Kansas in the wake of the tornado that recently devastated the town of Greensburg.

Thomason expressed particular appreciation to several key players who helped make the antenna bill a reality. They include David Johansson, KA5GLT, who set the legislative process into motion, Joe White, K5BQG, who advised Section leadership, Assistant SM Eddie Manley, K5EMS, who tracked and reported on the bill's progress and initiated a letter-writing campaign, Melinda Jones, KE5IGK, for researching, composing and networking, and Hal Deitz, W5GHZ, for spending "significant hours

at the capitol, meeting, greeting and informing" and keeping the SM apprised.

"It's a good day for Amateur Radio in Oklahoma," Deitz told ARRL this week. "We're excited."

Thomason also offered "a special word of thanks" to Oklahoma State Rep Guy Liebmann, K5GL, who provided support and served as a knowledgeable point of contact at the State Capitol. In addition, he thanked ARRL Field Organization Team Leader Steve Ewald, WV1X, for his help and encouragement.

Elsewhere ARRL Eastern Pennsylvania Section Manager Eric Olena, WB3FPL, reports that Amateur Radio antenna legislation, Senate Bill 884, was introduced May 18, but the measure has not yet been posted on the General Assembly's Web site, nor has it been referred to committee, likely to be either the Senate Local Government Committee or the Senate Communications and Technology Committee.

"We are not ready for you to contact your Pennsylvania state Senators and Representatives yet, but we are getting closer," Olena said on the Section's Web page. SB 884 would incorporate language from PRB-1 into the state's statutes.

Olena has credited the efforts of George Brechmann, N3HBT, of Bucks County who has been working with Pennsylvania Sen. Stewart Greenleaf, the bill's sponsor. The proposed bill would restrict municipalities from adopting "an ordinance, regulation or plan or take any other action that precludes Amateur Service communications" or that fails to comply with PRB-1.

In the North Carolina General Assembly, an Amateur Radio antenna bill, House Bill 1340 (H. 1340) was reported favorably out of the House Ways and Means Committee and received the

unanimous approval of the full House in early May. The measure has moved to the Senate, where it's under consideration by the Senate Committee on Commerce, Small Business and Entrepreneurship.

H. 1340 calls on municipalities to require ordinances based on health, safety, or aesthetic considerations regulating placement, screening or height of Amateur Radio antennas or antenna support structures "must reasonably accommodate Amateur Radio communications and must represent the minimum practicable regulation necessary to accomplish the purpose" of the city or county.

Beyond that, however, the measure would establish a minimum regulatory height of 90 feet "unless the restriction is necessary to achieve a clearly defined health, safety, or aesthetic objective" of the city or county.

To date, 23 states have adopted PRB-1 legislation. While PRB-1 requires municipalities to "reasonably accommodate" Amateur Radio communication, it does not specify a minimum height below which local governments may not regulate. Four states -- Alaska, Wyoming, Virginia and Oregon -- have legislation in place that specifies antenna support structure heights, below which municipalities may not regulate. ❖

### MISSOURI STATE CONVENTION 2007

Remember that the Joplin Hamfest will host the Missouri State Convention this year, August 24-25.

Jim Scott, chair, has been working hard with the committee to setup plenty of activities, but we need volunteers. Please keep your weekend free to help out. ❖

PRINTED CIRCUIT

**June**

<i>Sun</i>	<i>Mon</i>	<i>Tue</i>	<i>Wed</i>	<i>Thu</i>	<i>Fri</i>	<i>Sat</i>
					<i>1</i>	<i>2</i> 9:00AM--Breakfast
<i>3</i>	<i>4</i> 6:30PM--VE Testing 7:30PM--Monday Night Night	<i>5</i>	<i>6</i>	<i>7</i> 5:30PM--Thursday Night Dinner	<i>8</i>	<i>9</i> 9:00AM--Breakfast
<i>10</i>	<i>11</i> 7:30PM--Monday Night Night	<i>12</i> 7:30PM--Program Meeting (Field Day Preparation)	<i>13</i>	<i>14</i> 5:30PM--Thursday Night Dinner	<i>15</i>	<i>16</i> 9:00AM--Breakfast
<i>17</i>	<i>18</i> 7:30PM--Monday Night Night	<i>19</i>	<i>20</i>	<i>21</i> 5:30PM--Thursday Night Dinner	<i>22</i>	<i>23</i> 9:00AM--Breakfast <b>FIELD DAY</b>
<i>24</i> <b>FIELD DAY</b>	<i>25</i> 7:30PM--Monday Night Night	<i>26</i> 7:30PM--Business Meeting	<i>27</i>	<i>28</i> 5:30PM--Thursday Night Dinner	<i>29</i>	<i>30</i> 9:00AM--Breakfast

**2007**

Note: W4VEC testing information is on the back page; those with questions should contact Martin Matarazzo, VE Manager.

## Printed Circuit

Joplin Amateur Radio Club, Inc.  
PO Box 2983  
Joplin, MO 64803-2983

### ADDRESS CORRECTION REQUESTED

---

#### PRINTED CIRCUIT

---

### CONTACTING US:

**President**

Andy Gabbert, KAØTUD  
ka0tud@arrl.net or 673-8371

**Vice-President**

Bill Reynolds, N6HXI  
billsworldat61@yahoo.com

**Secretary**

Mark Mitchelson, NØZPD  
markmitche1@hotmail.com

**Treasurer**

Jim Johannes, NØZSQ  
jimjohannes@sbcglobal.net

**Editor**

J C Alexander, K5DMI  
jalexand@alumni.ou.edu

**Website**

<http://www.joplin-arc.org/>

**Yahoo! Group**

<http://groups.yahoo.com/group/JARC-Members/>

The *Printed Circuit* is the monthly newsletter of the Joplin Amateur Radio Club, a 501-C Non-Profit Corporation.

© Copyright 2007 All Rights Reserved

### CLUB INFORMATION

**Meetings**

The Club meets on the second and fourth Tuesdays each month, except December. Meetings are held at the Joplin Red Cross (4th and Jackson) and begin at 7:30 PM. All amateur operators welcomed at meetings and other club functions.

**Club Repeaters** - Open for all to use

WØIN - 147.210+ (No tone)

WØIN South - 145.390- (91.5)

**Weekly Net (Mondays at 7:30 PM, 147.210+)**

All operators are welcome to check in the net. ARRL Audio News, ARES, buy-sell-trade, and other announcements are made.

**W4VEC Volunteer Examining Sessions**

On the first Monday of each month, exams are offered at St. Paul's United Methodist Church on W. 26th Street, west of Maiden Lane. Applicants need to bring 2 pencils, 2 forms of ID (including 1 photo ID), and the *original and 2 copies of any current license and/or Certificates of Successful Completion if applicable*. Registration begins at 6:30 PM. For questions, contact Martin Matarazzo, VE Manager, at 623-0298.

**Social Gatherings**

On Saturdays, members gather at Steak n Shake (Hammons Blvd.) for breakfast, beginning at 9:00 AM. On Thursday evenings, members gather at a local restaurant. Check with John Tudenham (624-8058) for location.