

HPARC NEWSLETTER

High Point Amateur Radio Club



JUNE MEETING

The June meeting is usually reserved for discussion of Field Day. We will use the June meeting to make our plans for Field Day activities.

For the May meeting, David Macchiarolo showed us some

videos of a guy who makes vacuum tubes by hand. Very interesting presentation.

It is almost here – Field Day. If you plan to participate in Field Day this year, we would appreciate your atten-

dance at the June meeting so we can begin to finalize plans.

Attendance has been a little low for the last couple of months. I hope everyone is doing well. Hope we see you at the June meeting.

FIELD DAY 2013

I am assuming we will once again have Field Day at the Moore Farm in Jamestown. (At this date, we have not confirmed use of Mrs. Moore's place.)

The dates for this year's Field Day will be June 22 and 23. Set-up for Field Day will start after breakfast on Saturday just after 8:30 A.M. The official start for Field Day is 2:00 P.M.

We will have our picnic around 6:00 P.M. on Saturday. Spouses, family members and friends are welcome to join us. Hot dogs are normally the main fare, so prepare accordingly if you prefer something else. We plan to pass around a list at the meeting for members to sign up for food items to bring.

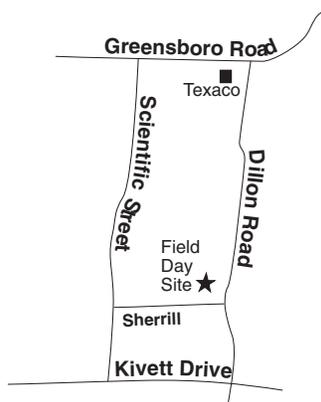
If you joined us last year for Field Day, you know we used laptops, provided by Warren Gallemore, to log our contacts. I believe plans are to do so again this year. Last year we used the

program SQUIRL. If anyone has a better suggestion for a Field Day logging program, please present it at the June meeting. If we use SQUIRL, it might be a good idea to familiarize yourself with this program before Field Day so you will be one step up on the game.

from Jamestown, turn onto Dillon Road. Come about a mile, and turn right onto Sherrill Road. Moore's farm will be the first driveway on your right. Using one of the Internet map programs, use 3139 Dillon Road as your ending destination. Hope everyone can make it.

Remember to bring your radios, extension cords, chairs and anything else you can think of that we may need.

If you have any questions, call or email David Montgomery or one of the HPARC officers (see back of newsletter).



Directions to Field Day: from Kivett Drive, turn onto Scientific Street. Go about .2 of a mile to Sherrill Road and turn right. Moore's farm is on the left just before the stop sign. Coming

**HPARC Meeting
June 3, 2013**

J & S Cafe,
10210 North Main St,
Archdale, NC

Meal at 6:30 pm
Business meeting at 7:00 pm

EMCOMM HAM RADIO REPEATER EVICTED BY AMERICAN TOWER

A decision by American Tower Corporation to evict an Amateur Radio emergency communications system from a tower the company recently acquired in New Mexico has both the sponsoring radio club and many of the people working in local emergency services very concerned.

The repeater in question is located on Buck Mountain overlooking the community of Ruidoso, New Mexico, and is operated by the Sierra Blanca Amateur Radio Club. The equipment was installed on the tower in 2004 and except for when the tower suffered some damage three or four years ago the repeater has been used continuously for emergencies such as the Little Bear Fire in June 2012, and in the Rio Ruidoso flood of July 2008.

Tony Davis is the president

of White Mountain Search and Rescue. He said that he learned May 8th that the tower holding the Amateur Radio repeater had been sold to American Tower Corporation. Despite attempts by Sohl to negotiate an arrangement, American Tower has decided to terminate Amateur Radio use of the facility, effective immediately. Davis said that there are other towers near the same location, but they are largely occupied.

Ruidoso Acting Fire Chief Harlan Vincent also serves as the village emergency services manager. He says that he is not happy about the decision of the Boston-based American Tower company. He noted that Ruidoso relies heavily on heavily on Ham operators in time of emergency. He said that when emergency service repeaters go

down, the Ham Radio repeaters are still functioning and able to get information from point A to point B.

According to the Ruidoso News article reporting the repeaters eviction, this system is used by Amateur operators not just in Lincoln County. It also provides coverage into Otero, Chaves and Eddy County, and as far away as the Panhandle of Texas and into the city of El Paso.

Davis and Doug Thompson, W5DET, who is president of the Sierra Blanca Amateur Radio Club, have sent an "open letter" for publication in the Ruidoso News to the chairman, president and chief executive officer of American Tower Corporation. It asks him to reconsider the company's stance.

—Amateur Radio Newsline,
Report 1866, May 17, 2013

CELLPHONE FAILURE AT THE BOSTON MARATHON

Neither the Federal government nor any Massachusetts state agency or the Boston police ordered a shutdown of cellular telephone service in the Boston area following the terrorist bombing of the Boston Marathon on April 15th. The systems simply failed of their own accord because too many people trying to use them at the same time.

What appears to be a fact is that most cellphone subscribers

erroneously believe that the phone in their pocket should function perfectly 100 percent of the time. The reality is that the no cellular system currently in use can handle 100% of all of its subscribers at any one time. Or even 50% for that matter.

Most experts say that when most cellphone systems reach between 15 to 20 percent of its subscribers simultaneously using the service that it is at a point of limited network den-

sity. In other words it cannot handle any more subscribers until those on-line hang up.

And that's what appears to have happened in Boston after the two bombs at the marathon finish line went off. It's also why the autonomous Boston Marathon ham radio communications networks continued to function flawlessly even when the cellphones failed.

—Amateur Radio Newsline,
Report 1863, April 26, 2013

The HPARC Newsletter is published monthly by the High Point Amateur Radio Club (HPARC) for its members. The HPARC Newsletter serves as a source of information about Club activities, and general news items of interest to Amateur Radio. Opinions expressed herein are not necessarily those of the HPARC or its officers. Material in this newsletter may be reproduced provided the HPARC is properly credited.

Complimentary issues of the HPARC Newsletter are available by writing to the HPARC Newsletter at PO Box 4941, High Point, NC 27263 or emailing your request to w4ua@arrl.net. Subscriptions are available to non-members for \$12.00 a year. Contributions and letters/emails to the editor are welcome.

Membership is open in the HPARC to all licensed Amateur Radio operators. Membership is \$24.00 a year. Associate membership is also available to those who are interested in Amateur Radio but who do not currently hold a license. Associate membership is \$12.00 a year. Student membership is also available for \$12.00 a year.

The High Point Amateur Radio Club meets the first Monday of each month at 6:30 pm at a local restaurant announced in the newsletter. The business meeting starts around 7:00 pm followed by a short program of interest. Family and visitors are welcome to attend. For more information, please call or email one of the HPARC officers listed in this newsletter.

AMATEURS IN OKLAHOMA RESPOND TO STORM AFTERMATH

After an EF5 tornado swept through Oklahoma on May 20, radio Amateurs in that state assisted the American Red Cross with its communications efforts. "Amateur Radio operators were asked to support voice communications from the American Red Cross Oklahoma City Chapter Headquarters to their feeding station at the Incident Command Post located in Moore," explained

ARRL Oklahoma Section Emergency Coordinator Mark Conklin, N7XYO. Moore, located about halfway between Norman and Oklahoma City, suffered the brunt of the tornado damage. As of 8:30 CDT on May 22, all Amateur Radio operations in support of the American Red Cross ceased.

At least 24 people, including nine children, were killed when the 1.3-mile-wide tor-

nado moved through Moore, Oklahoma's seventh largest city. The National Weather Service stated that the tornado traveled an estimated 17-mile-long path for 50 minutes, with an estimated peak wind that ranged from 200-210 miles per hour, making it an EF5 storm, the most powerful category of tornados possible.

—The ARRL Letter for
May 23, 2013

HEARD ISLAND DXPEDITION RESCHEDULED

A planned Cordell Expedition operation from Heard Island has been postponed until January of 2015.

According to expedition organizer Robert Schmieder, KK6EK and co-planner Rich Holoch, KY6R, the primary reason for the delay was the cost of using the preferred vessel, the Marion Dufresne, to put the team on the island for the required time.

In note to the Ohio Penn DX Newsletter and republished by

the Southgate News, KK6EK and KY6R say that despite extensive negotiations and rescheduling of the cruise, it became clear that the cost of using this vessel will exceed \$1 million. Therefore the total cost for the project would be about \$1.5 million and that even increasing the team size to 50 to partially cover this cost was not enough. So the planners reluctantly concluded that sponsorship at this level would be impossible.

KK6EK and KY6R say that they have therefore decided to delay the expedition to the early 2015 date to allow more time to restructure the project. It will also give them the ability to locate a more suitable vessel and bring the cost more in line with projected available resources.

According to Club Log, Heard Island is Number 7 on its DXCC Most Wanted List.

—Amateur Radio Newsline,
Report 1867, May 24, 2013

GLOW IN THE DARK SHEEP

Scientists in Uruguay have announced the world's first genetically-modified phosphorescent sheep.

According to news reports, nine glow-in-the-dark sheep were born in October of 2012 at Uruguay's Institute of Animal Reproduction in a genetics experiment in conjunction with the Institut Pasteur. The scientists say that they used the fluorescent protein from a species of jelly fish to give sheep a distinct

glowing green color when exposed to ultraviolet light.

One of the team's lead researchers is Alejo Menchaca. In a recent press conference he noted that the genetic modification was done in the desire to fine tune the technique. Other researchers believe that these genetically modified, glow in the dark animals can help mankind to better understand diseases and how they develop in both the animal kingdom and in human beings.

The scientists say the nine sheep developed normally. They claim there are no differences between them and their non-genetically modified siblings other than that they can be made to glow from head to toe.

And before you ask, we have no idea if they can be trained to blink on and off in Morse code nor if they did if they would be considered for bonus points on Field Day.

—Amateur Radio Newsline,
Report 1865, May 10, 2013



High Point Amateur Radio Club
PO Box 4941
High Point, NC 27263

HPARC JUNE CALENDAR

- 3 — HPARC Club Meeting**
- 6 — D-Day (WWII Invasion of Normandy)
- 8 — Winston-Salem Classic Hamfest
- 8-9 — ARRL June VHF QSO Party
- 14 — FLAG DAY**
- 15 — ARRL Kid's Day
- 16 — FATHER'S DAY**
- 21 — First day of Summer
- 22-23 — ARRL Field Day**
- 23 — HPARC Newsletter deadline

BIRTHDAYS

- Luke Pope — June 8
- William Taylor — June 12
- Richard Skinner — June 17
- Jerry Yarborough — June 17

REMEMBER: There will be NO meeting for the month of July.

2013 HPARC OFFICERS

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Breakfast
every Saturday
 —
8:00 am
 —
Mrs. Winner's,
South Main St.