

DELTA AMATEUR RADIO CLUB

SPARKS

P. O. BOX 750482 MEMPHIS, TN 38175-0482 / VOL. 18 / JUNE 2006



Welcome
to the

Delta Amateur Radio Club!

Visit our home on the web at: <http://www.deltacub.org>

W4BS
REPEATER
SYSTEM

146.82, 147.36,
224.42, & 443.2

JUNE 2006 CLUB MEETING

DATE: June 13, 2006 (2nd Tuesday - be there)
PLACE: Ellendale Church Of Christ, 7365 Highway 70,
Memphis, Tn. (2 miles east of Hwy. 64-Stage Rd.)
TIME: 7:00 PM
PROGRAM: Field Day, Dave Royer KI4DR

VE TESTING: Don't forget the monthly Volunteer Examiner testing session. Registration begins at 5:30 P.M. and testing begins promptly at 6:00 P.M. Please remember to bring two forms of identification and copies of any existing licenses or CSCE's you might have. The ARRL FEC exam application is \$14. Please be on time for registration, as you will not be allowed to enter the testing session after 6:00 p.m. This is to allow our volunteer VE team to finish in time to attend the club meeting. For more VE testing information contact...

Joan Thorne, KN4PM, VEC
Phone: 901-737-5795
E-mail: joanthorne@bellsouth.net

Please Remember: Deadline for Reports and Articles for the next issue of SPARKS is Friday, June 30th. All articles MUST be in to me by the deadline in order to be published in the next issue. Please forward all articles and items of interest to:

paulsonrj@bellsouth.net

PRESIDENT'S CORNER

It's that time again. It's time for Field Day 2006, June 24th and 25th at Freeman Park in Bartlett. Dave Royer KI4DR took the Chair for this year's event. Dave needs everybody's participation for the event. He still needs some operators for the CW station and I only have one pop-up trailer for the HF contest station. So... if you can help, contact Dave and come on out. Dinner is planned as always, burgers and dogs grilled and you bring the fix'ins.

Suresh, N9GSA and I went to the 82 site and worked on the repeater a couple weeks ago and all is well as far as I can tell. We had to go to the back-up repeater and it looks like the Motorola's receiver needs attention. We also worked to put the 36 back on the air. There is an antenna ready to go now but we ran into controller problems. Suresh is going to send it off for repair and we are going to try to hook the 36 up with the 220 controller which will handle both the 36 and 220....

I regret to tell all who do not already know that we will be losing Tommy KD4TJO and Melinda KE4DXN shortly. Tommy took a job elsewhere and they will be moving. We will need a number of folks to step up and assume some of the many things Tommy does for the Club. Tommy is planning a farewell address to the club of his own in which he will detail his move.

We are planning a special election for the July Meeting to replace Tommy and Melinda. If you are interested in the Vice-President or Treasurer position please contact me at 872-3367 or any Board member.

I guess that's all for now, 73
Darrell KK4D

DARC BOARD MEETING May 2, 2006

KK4D-Darrell Sheffield called the meeting to order at 7:01 p.m. There were 8 board members present.

KE4DXN-Melinda Thompson gave her treasurer's report. K4POM-Lisa motioned to accept and N2LAZ-Dean seconded. K4POM did not have the secretary's report printed out for the board to review and advised she would email them to the board to approve prior to it being printed in the SPARKS.

Unfinished Business:

KK4D-Darrell and KE4TJO-Tommy advised the board of what had transpired in their meeting with the Mayor of Bartlett concerning emergency communications. We also discussed the upcoming field day.

KG4OLG-John discussed possibly having a class and testing session for field day.

Old Business:

The board discussed a plan of action to correct the problems with the repeaters.

New Business:

The board reviewed applications for new members. KE4DXN-Melinda motioned to accept and KA4BLL-Ned seconded.

The meeting was adjourned at 8:00 p.m.

Respectfully submitted by,
K4POM-Lisa Sheffield
DARC Secretary

DARC GENERAL MEMBERSHIP MEETING May 9, 2006

KK4D-Darrell called the meeting to order with the introduction of the general membership. There were 30 members present and seven visitors.

KE4DXN-Melinda gave the treasurer's report. K4POM-Lisa

requested that the membership accept the minutes as printed in SPARKS. Both were unanimously accepted as printed by the membership.

New Business:

KI4DR-Dave requested for volunteers to work the CW station for field day.

KK4D-Darrell reported on his meeting with the City of Bartlett concerning emergency communications. He advised it was still in the discovery phase for the city and that there were some issues still needing to be resolved by the city before there could be any more discussion.

KK4D-Darrell and KE4TJO-Tommy gave the membership a report on what has been done to correct the repeater problems.

W4GMM-Ham Hilliard gave the group information on the Armed Forces field day to be held on May 13th, 2006.

Old Business:

KD4EUZ-John Parish gave awards to the members who helped with the Boy Scout Merit Badge.

At 8:00 p.m. KK4D-Darrell called for a ten minute break so that KA4BLL-Ned, KC4SXT-Bill, and KD4NOQ-David could set up for their presentation. At 8:10 the presentation on Rabbit/Fox hunting was presented and it was quite enjoyable as several members

shared their stories of past hunts.

WA4OVO-Joe Lowenthal gave information for ARRL to the membership. ARRL is looking for people to give their opinion on BPL.

KB4SQV-Bill Hudock won the door prize and the meeting was adjourned at 8:42 p.m.

Respectfully submitted by:
K4POM-Lisa Sheffield
DARC Secretary

TECHNICIAN TRAINING CLASS

It's been a long time in coming, the Delta Amateur Radio Club Technician Training class:

To prepare, you will need the latest copy of "The ARRL Ham Radio License Manual" an ARRL publication available at: **Memphis Amateur Electronics, Inc.**, 1465 Wells Station Road, Memphis TN, 38108-3695, phone (800) 238-6168 or (901)683-9125 or directly from ARRL (www.arrl.org/catalog/).

Prior to our meeting, you should have already read and studied the publication. We will meet Friday, June 23 at 6:30 pm at the **Ellendale Church Of Christ**, 7365 Highway 70, Memphis, TN (2 miles east of Hwy. 64-Stage Rd.). We will spend 2-2 ½ hours answering any and all questions you have, reviewing test questions and assisting to instill a better understanding of the required material.

We will meet again at 12 noon on Saturday June 24th at Freeman Park in Bartlett to view and meet amateur radio operators setting up and participating in the ARRL Field Day Emergency Communications Drill. You may also have the opportunity to make some on radio contacts.

At 2:30 pm, we will meet at the: **Bartlett Library**, 6382 Stage Rd., Bartlett, TN 38134. Testing will begin as soon as all candidates are check in. Please remember to bring **two** forms of identification and **copies** of any existing licenses or CSCE's you might have. The ARRL FEC exam application is \$14.

If you have any questions, please contact me by email at jaztoxco@midsouth.rr.com or call 550-5506.

73, John Zempel KG4OLG

ARRL NEWSLETTER AMATEUR RADIO VOLUNTEERS RESPOND FOLLOWING INDONESIAN EARTHQUAKE

Amateur Radio operators in Indonesia are providing emergency communication for relief operations in the wake of a 6.3 magnitude earthquake May 27 affecting Yogyakarta and surrounding area. The quake has left more than 6200 people dead, injured more than 30,000 and leveled entire communities. Some 650,000 people are reported

homeless. Indonesia's International Amateur Radio Union (IARU) member-society, the Organization of Amateur Radio for Indonesia (ORARI) has been coordinating an emergency communication network comprised of so-called "Zulu Stations" and individual volunteer radio amateurs. As is the practice in Indonesia, ORARI has designated several zulu-suffix emergency communication stations to handle disaster-related traffic on HF and VHF.

"Beside several local emergency zulu stations and operators, there is an emergency zulu station portable from Jakarta, YC0ZRA, operated by Achmad Sanusi, YCOLJH, and Budi Sabara, YCOCSR," reports Wyn Purwinto, AB2QV. A native of Indonesia, Purwinto has been gathering information on the disaster response from his home in New York. He says the portable station also supports the Indonesian Offroad Federation (IOF) with its heavy-duty all wheel drive vehicles. IOF volunteers transported food and supplies following the 2004 tsunami.

Purwinto reports that several radio amateurs and their families in the Yogyakarta area were among the thousands affected by the earthquake, hindering their ability to help with any emergency operations. "But more hams coming from other districts day by day," he said this week.

Soejat Harto, YB6HB, a physician, has joined a ham radio emergency

medical team in Yogyakarta. Purwinto notes that Dr Harto was among the Amateur Radio volunteers who helped in the tsunami disaster relief effort in Aceh and North Sumatra.

Praharto, YB2BFZ, of the ORARI branch in Banyumas, 200 km west of Yogyakarta, has deployed his emergency radio communicator (ERC) team to Yogyakarta with generators. Several ERC teams from the Indonesian capital of Jakarta, Bekasi and the W Java provincial capital of Bandung headed to Yogyakarta this week to offer additional support.

Deta, YB2VTO, just back from Bantul to check on family and friends, reports that local emergency communication is taking place on two ORARI VHF repeaters that cover the whole disaster area. Zulu stations YC2ZEB in Bantul, YC2ZEJ in Yogyakarta and YC2ZES are handling whatever traffic there is. Zulu station YC2ZEB is on HF from Bantul, where local radio amateurs installed an 80-meter dipole.

Purwinto is updating his "Emergency Communication in Yogyakarta" Web page <<http://www.qsl.net/ab2qv/yogya.htm>> with information he's compiled on the Indonesian ARES response to the earthquake.

Relief volunteers still in Indonesia since the 2004 tsunami have shifted their efforts to aiding earthquake victims. The United Nations and

various relief agencies, including the Red Cross and the Global Rescue Network, have begun transporting food, water and other basic supplies to the affected region. Electrical power and telecommunication services are said to be still erratic.

TWO RADIO AMATEURS DIE DURING MOBILE HIDDEN TRANSMITTER HUNT

Two ARRL members from California are dead after the vehicle in which they were riding during a mobile hidden transmitter hunt May 27 went over a cliff in rugged terrain near Lake Isabella in Kern County. They were identified as Michael G. Obermeier, K6SNE, of Anaheim, and David A. Gordon-Ross, N6IDF, of Yucaipa. Obermeier, an ARRL Official Observer in Orange County, was 46. Gordon-Ross was 35.

"Mike and Dave were some of the best T-hunters in the biz," said Scott Press, N6SAP, calling both "true assets to this hobby." In his role as an OO, Obermeier reportedly had participated in the infamous Jack Gerritsen radio jamming case in the Los Angeles area.

According to media accounts, a Kern County Sheriff's Department search-and-rescue team located the victims early Monday, May 29. Obermeier was driving the 1991 4-wheel-drive Jeep Cherokee that apparently went out of control on Cook Peak Road while the pair was proceeding to the next hidden

transmitter site. After caroming off a rock wall, the vehicle crossed the road and plunged down a 900-foot cliff. They were reported missing after failing to check in with T-hunt organizers.

Greg Pitta, KF6DBJ, reports Obermeier and Gordon-Ross were on a half-day multiple-transmitter T-hunt. "Both K6SNE and N6IDF were expert transmitter hunters, each with hundreds of hunts completed, ranking with top scores in most," he said.

ARRL Amateur Radio Direction Finding (ARDF) Coordinator Joe Moell, K0OV, knew both men. He notes that Obermeier had suffered a sports-related spinal cord injury that left him a paraplegic. "He did all the adaptive work on his vehicles, of which he had quite a few that he used over time for RDF," Moell said. Despite his physical limitations, Obermeier also enjoyed foxhunting from his wheel chair.

Moell says Gordon-Ross had been a proficient mobile T-hunter for many years. He took a brief hiatus after his first child was born in April 2005 (his wife, Melanie, is KF6GWV), but he recently became active again.

According to Moell, the mobile transmitter hunts take place on the fourth Saturday of each month on 2-meter FM simplex, starting out from a hilltop in Rancho Palos Verdes. He says it's not uncommon for the main hidden transmitter to

be hundreds of miles away--175 highway miles in this instance.

The 147.435 Amateur Radio Repeater System is collecting donations to help Melanie Gordon-Ross, a stay-at-home mom. It also will donate all proceeds from its 16th annual 435 Chili Cook-off June 10. Visit the 147.435 Web site <<http://www.435online.com>> for additional information.

**2006 NORTH ATLANTIC
HURRICANE SEASON
OFFICIALLY UNDER WAY**

Scientists within the National Oceanic and Atmospheric Administration (NOAA) predict an 80-percent chance of an above-normal 2006 north Atlantic hurricane/tropical storm season, which runs from June 1 through November 30. A repeat performance of the devastating 2005 season is unlikely, however. Weather experts at NOAA's Climate Prediction Center, National Hurricane Center and Climate Prediction Center produced this year's outlook <<http://www.cpc.noaa.gov/products/outlooks/hurricane.shtml>>.

"For the 2006 north Atlantic hurricane season NOAA is predicting 13 to 16 named storms, with eight to 10 becoming hurricanes, of which four to six could become 'major' hurricanes of Category 3 strength or higher," says NOAA Administrator Conrad Lautenbacher.

The Hurricane Watch Net (HWN) <<http://www.hwn.org>> activates on 14.325 MHz when major tropical storms threaten the US. It works in concert with WX4NHC <<http://www.wx4nhc.org>> at the National Hurricane Center to relay real-time ground-level weather data to forecasters.

On average, the north Atlantic hurricane season produces 11 named storms, with six becoming hurricanes, including two major hurricanes. In 2005, the Atlantic hurricane season experienced a record 28 storms, including 15 hurricanes. Seven were "major," and a record four hurricanes hit the US.

While NOAA is not forecasting a rerun of last year's season, the potential for hurricanes to strike the US is "high," Lautenbacher said.

The first named storm of the 2006 season will be "Alberto." The name "Katrina" has been removed from the list of storm names.

**KARL BULLOCK, WA5TMC,
APPOINTED DELTA DIVISION
VICE DIRECTOR**

ARRL President Joel Harrison, W5ZN, has appointed Karl W. Bullock, WA5TMC, to be Delta Division Vice Director. Bullock, of Ripley, Mississippi, will complete the term of Henry Leggette, WD4Q, who took over as Delta Division Director in January after the ARRL Board of Directors elevated past Director Rick

Roderick, K5UR, to be an ARRL Vice President.

"I'm honored to have been chosen by President Harrison," Bullock said, "and I look forward to serving the fine folks in the Delta Division and representing Amateur Radio in general."

First licensed at age 14 as WN5TMC in 1967, Bullock, 53, has remained an active radio amateur ever since. He now holds an Amateur Extra class license as well as an FCC commercial license. He's active on all bands and modes from 160 meters through 70 cm.

His ham radio career has included starting up the Mississippi Training and Traffic net--later the Mississippi Slow Net. He's also a member of the Brass Pounder's League, the recipient of several public service awards, a past officer of the Northeast Mississippi Amateur Radio Club and, most recently, ARRL District Emergency Coordinator for North Mississippi as well as Emergency Coordinator for Tippah County.

He's a Life Member of the ARRL, a charter member of the Tippah Amateur Radio Association and a control operator for a local 2-meter repeater. He also enjoys telling others about his Christian faith and about Amateur Radio.

On the professional side, Bullock has operated his own telecommunications consulting company, Bullock & Associates,

since 2001 and is involved in a startup dedicated to residential fiber connectivity. His consulting activity focuses on competitive local exchange carriers--CLECs.

His wife Amy is N5TBB, the ARRL Public Information Coordinator for the Mississippi Section and current president of the Tippah Amateur Radio Association.

"We both love DX, contests, and going to hamfests," Bullock says. "Amy fell in love with hamfests after the first one I carried her to, and soon afterward passed her exam. We still like to make the Dayton trip whenever we can."

Bullock's current term as Vice Director will end January 1, 2009.

**SKYWARN VOLUNTEERS
RECEIVE NOAA
ENVIRONMENTAL HERO
AWARD**

South Florida SKYWARN Coordinator Don Morris, KG4JHH, of Miami, and his South Florida SKYWARN team have received a 2006 NOAA Environmental Hero Award for outstanding volunteer service during the 2005 hurricane season. Morris and his SKYWARN team volunteered more than 100 hours to staff Amateur Radio station WX4MIA, located at the NOAA National Weather Service (NWS) Weather Forecast Office in Miami. The volunteers gathered real-time hurricane damage and weather reports, disseminated NWS information and warnings and

verified NWS warnings with on-the-spot information.

"The intent of the award is to recognize all of us who have worked on SKYWARN and/or WX4MIA," said Morris, who accepted the plaque during a May 22 presentation. "Local Amateur Radio is the main infrastructure we depend on for SKYWARN. It is way cool to be part of it." Morris also credited those who filed reports by telephone, Internet or fax or who have "just been ready if needed."

Along with other SKYWARN volunteers and even family members, Morris kept the WX4MIA severe weather net in constant operation as Hurricane Katrina moved ashore near Hallandale Beach and then southwest across Miami-Dade County. He did the same thing for Hurricane Wilma, staying all night right through landfall around 6 AM in Collier County and through noon when Wilma finally moved off the Palm Beach County coastline near Jupiter.

Over the years, NOAA said, Morris has volunteered hundreds of hours as "the voice" of WX4MIA, soliciting storm reports and disseminating the latest warnings and statements for hurricanes and severe storms.

Established in 1995 and given annually in conjunction with Earth Day, the Environmental Hero Award is presented to individuals and organizations volunteering

their time and energy to help NOAA carry out its mission.--
NOAA; Evelyn Gauzens, W4WYR

**ISS ASTRONAUT HONORED
FOR WORKING ALL STATES,
INSPIRING OTHERS FROM
SPACE**

International Space Station Expedition 12 Commander Bill McArthur, KC5ACR, has been honored as the first astronaut to work all states from space and for inspiring others through his ham radio activities from NA1SS. McArthur, who returned to Earth in April, received an ARRL Worked All States (WAS) plaque during a May 25 ceremony at Johnson Space Center in Houston. During his six-month duty tour, McArthur became the most active radio amateur ever to serve aboard the ISS. His track record from NA1SS is impressive: In addition to WAS, he handled a record 37 Amateur Radio on the International Space Station (ARISS) school contacts, worked all continents, including Antarctica, on both VHF and UHF--and racked up QSOs with some 130 DXCC entities.

"The Amateur Radio on the ISS program was developed to inspire students--our next generation of explorers--through Amateur Radio communications with the ISS crew," remarked ARISS International Chairman Frank Bauer, KA3HDO, who presented the WAS plaque to McArthur. "Using Amateur Radio, the Expedition 12 crew took the

worldwide community of radio amateurs, the school students and the general public to unprecedented heights."

The last QSL McArthur needed to confirm WAS--from Wyoming--arrived at ARRL Headquarters not long before the end of his ISS duty tour. McArthur also logged a phenomenal number of casual contacts with earthbound radio amateurs--more than 1800 in all. Bauer noted that McArthur "was very approachable" with students during the ARISS school contacts. "He inspired them with his vision, quick wit and sense of humor."

Bauer said McArthur motivated hams and non-hams alike through his on-the-air activity. He told of hearing from a teacher in Orlando who said one of his students added Advanced Placement Physics to her course schedule after participating in an ARISS school contact. In another inspirational instance: When a prospective licensee learned he could speak to the ISS via ham radio, he studied and passed his Amateur Radio examination and made a contact with McArthur at NA1SS in March, Bauer said.

"Throughout this expedition, Bill McArthur's enthusiasm for the ham radio hobby kept bubbling to the surface," Bauer said, calling McArthur's ham radio accomplishments from NA1SS "a testament of success."

"All who have been touched by your efforts will remember their

special ISS connection for the rest of their lives," Bauer concluded.

THE MAGIC OF AMATEUR RADIO IS STILL THERE, LEAGUE PRESIDENT SAYS

Amateur Radio has not lost its magic, says ARRL President Joel Harrison, W5ZN. Addressing the "ARRL: Main Street USA" forum at Dayton Hamvention, Harrison said the Amateur Radio community needs to recognize and acknowledge that "Main Street USA" has changed, and with it the pool of potential radio amateurs.

"We have to keep that in mind as we're going out and recruiting people," Harrison suggested. During the ARRL forum, Harrison asserted that the "Average Joe" today has far less time to pursue avocational interests such as ham radio than 30 or 40 years ago, when many older Amateur Radio operators got their first tickets. As workers' productivity has increased, so has the number of hours one spends on the job. Youngsters today already have heavy activity schedules, he said.

"We have a more competitive market for people's time," Harrison said. He conceded that while Amateur Radio might not possess the "gee whiz" factor it did decades ago, the "magic" is still there for today's hams. "I don't care how advanced we get, it all boils down to getting a signal from Point A to Point B magically," the League President told the audience. Even with today's plug-and-play

transceivers, "people still have to put up an antenna." As an avid VHF/UHF and microwave operator, Harrison has considerable experience in that area.

Attracting young people into Amateur Radio is a harder sell, Harrison allowed. "The more we integrate computer technology into Amateur Radio, it helps to attract [younger people,]" he said. Promoting Amateur Radio contesting to the younger generation could be another route, he suggested, given the increased interest in competitive sports.

"How many times can a kid compete in an international tournament from home?" he asked rhetorically. "Every weekend," someone in the audience piped up.

Harrison also pointed out that the current Technician ticket doesn't give newcomers the means to sample the HF spectrum. At the same time, the FCC has so far turned away proposals to create a new entry-level Amateur Radio license for the likely no-code environment of the future. But, Harrison maintained, giving new licensees "a little taste" of HF is important to attracting newcomers and maintaining their interest.

He also predicted that the FCC would "take the path of least resistance" and eliminate the current 5 WPM Morse code requirement for HF access.

Harrison's "Main Street USA" comments generated a lively discussion among forum participants who offered their own suggestions on how to ensure a bright future for Amateur Radio. One Virginia radio amateur suggested that public service has become a big draw for newcomers in his rural community. Val Rose, N8EXV, of Michigan said rude on-the-air behavior is a deterrent to attracting new hams.

Deed covenants, conditions and restrictions (CC&Rs) are another issue that more and more hams--newcomers and veterans alike--are facing, another radio amateur noted. "That's a serious, serious matter affecting Amateur Radio now," Harrison agreed.

Bill Klykylo, WA8FOZ, of Cincinnati, agreed with Harrison's view of Main Street USA. He suggested that one answer to piquing interest in ham radio is to piggyback on other hobby activities and interests. Be he also stressed the need to follow up with newcomers once they're licensed. Harrison concurred on the importance of mentoring or "Elmering" newcomers. "We've stopped Elmering," he said. "Let's face it. We've stopped Elmering."

Harrison said the League's interest is in getting Amateur Radio promoted. "I'll take ham radio operators from any age group," he said.

"There are hundreds and hundreds of things we can do in ham radio."

PUBLIC BPL DATABASE
ACCESS RESTRICTIONS
REMOVED

United Telecom Council (UTC) has removed all restrictions on access to the BPL Interference Resolution Web site. In cooperation with the United Power Line Council (UPLC), UTC administers the database, which FCC Part 15 rules mandate be "publicly available." Ever since the database debuted last October, the ARRL has taken strong exception to access constraints UTC had imposed. These included limiting searches solely on the basis of ZIP code and rationing the number of allowable searches. In February, the League filed a formal complaint with the FCC, demanding the Commission order UTC to "cease its arbitrary limits" on access to the database. ARRL Chief Executive Officer David Sumner, K1ZZ, said the League was happy to hear that UTC now has eliminated search limits and posted all BPL system information. "We are pleased that UTC finally has seen the merit of our arguments in favor of making the database truly accessible," Sumner commented. "This can't possibly hurt, and can only help everyone focus on the real issue: the avoidance and prompt correction of harmful interference to radiocommunications from BPL."

The UTC BPL database still offers the ability to search by ZIP code. Somewhat less prominent is a link to the entire database in ZIP-code order.

The League also has complained to the FCC that the BPL Interference Resolution Web Site database contains inaccuracies and is incomplete, although UTC has made some improvements since the ARRL raised the issues. That complaint is still pending.

The UTC's decision to modify its BPL database came two days after its representatives and a representative from Duke Power met May 17 with FCC Office of Engineering and Technology (OET) staff to address "changes to the database concerning the search limits." ARRL representatives recently further discussed the League's perspective on the same subject with OET staff.

UTC Director of Regulatory Services/Associate Counsel Brett Kilbourne on May 19 informed Acting OET Chief Julius Knapp that it was revising the BPL database "in the interests of resolving the complaint without further dispute." UTC asked the FCC to dismiss the League's complaint "without further action."

RILEY HOLLINGSWORTH TO
AMATEUR RADIO
COMMUNITY: "LIGHTEN UP!"

FCC Special Counsel for Enforcement Riley Hollingsworth advised those attending the FCC forum at Dayton Hamvention 2006 to try kindness instead of confrontation when problems arise on the bands. Hollingsworth spoke May 20 to a nearly full house at

Hara Arena, and for the most part he praised the behavior of the majority of Amateur Radio operators, especially those who volunteered in the aftermath of Hurricane Katrina last year. But, he noted, radio amateurs still could be more courteous and less inclined to fly off the handle at some perceived on-the-air offense.

"You need to lighten up and not embarrass the Amateur Radio Service," Hollingsworth advised. "All of us make mistakes, especially with the new features you have on radios today. It's very easy to make a mistake, to be on the wrong frequency or be operating split and not know it--there's a hundred ways to make mistakes." Hollingsworth said experience has shown him that at least 75 percent of the interference complained about is absolutely unintentional.

In Hollingsworth's view, radio amateurs all too often are hypersensitive and rude. "We have a radar going to detect offenses at all times, we assume the worst in people, we rarely give people the benefit of the doubt," he said. He joked that if there were three amateurs in a town, there would be two Amateur Radio clubs.

"And there'll be two hamfests with 20 people each, because they wouldn't dare consolidate them," he added.

Hollingsworth acknowledged that "certain problem operators" remain, but the real troublemakers are rarely the newcomers to Amateur Radio.

"If there's a downfall in Amateur Radio, it won't be caused by no-code Technicians or codeless anything else," he said. "It'll be caused by the microphone--no doubt in my mind." He advised his audience to ignore the troublesome operators and not give them the attention they crave by engaging them on the air.

"Now, think about it: If what you're hearing annoys you, or angers you or is stupid, use the 'stupid filter,' which is that big knob--that VFO that will take you somewhere else," he quipped. "It's the largest knob on the radio." He recommended moving to another frequency or even another band altogether.

Hollingsworth praised the Volunteer Examiner program as "outstanding" and noted there had not been a single complaint in the past year stemming from an examination session. He also said the Amateur Radio community should have a greater appreciation for what the ARRL is doing on its behalf.

"Most of you have no idea how much work is done in Newington for you and the Amateur Radio Service generally," he said. "I see it every day, but I think you have no idea of the hard work and dedication that comes out of that office up there, and I don't think we would be there if it weren't for [the League]."

"This country's communications infrastructure needs Amateur

Radio," Hollingsworth emphasized, praising Amateur Radio's overall performance following Hurricane Katrina. "You have a tremendous amount to be proud of."

He also suggested that radio amateurs have an obligation to stay informed about what's going on in Amateur Radio that might affect their activities. "You have to not only keep up, you have to lead the way, because it's in your charter," he said, pointing to §97.1 of the Amateur Service rules.

Hollingsworth noted at the start of his talk that he could not address any questions dealing with the FCC's long-awaited decision on the Morse code requirement (Element 1), because he works in the Commission's Enforcement Bureau. "We don't meddle in rule making," he explained, but added that he didn't expect CW to decline if the FCC does drop the 5 WPM Morse requirement for all Amateur Radio license classes as it's proposed to do.

The FCC Wireless Telecommunications Bureau (WTB) handles Amateur Radio rule makings, Hollingsworth noted, including the "Morse code" proceeding, WT Docket 05-235, and the so-called "omnibus" proceeding, WT Docket 04-140. The WTB has said it will rule first on the omnibus proceeding, then tackle the Morse code proceeding, but it has not indicated when to expect either Report and Order.

PACKET UPDATE

Many times we want to be able to run portable for our digital modes as well as voice. We do this for emergency communications and in our field day events. The new standard we now use is the Anderson Power pole connectors. These are available to handle different current levels and allow us to just plug equipment we need into a 12-volt power source in the field. Of course, the real advantage is if we all use them our radios can be hooked up to anybody's power source. The first custom power pole part was a multi rig hookup with power poles on a PC board and in a metal case. A company called POWERWERX has come out power pole connectors that allow multiple rigs to be hooked up and fit in your pocket. These allow for multiple rigs to tap into a power source in the field. These can be very useful in an emergency. Check out their products at www.powerwerx.com

James Butler, KB4LJV

AMATEUR HARDWARE UPDATE

Many times we want a way to safely transport our CW keys and paddles from location to location. Trying to carry them unprotected can mean damage to delicate mechanical parts. Broken fingerpieces, lost springs, and bent parts can occur. Key manufacturers like Vibroplex and others will sell you a case for your keys but they are not cheap. If you have the time you can always build up a custom case out of wood. A good cheap alternative I found was at Walgreens on the ladie's aisle. They sell these really nice small aluminum travel cases for \$10.00 or less depending on the size. Some have mirrors in them and some do not. By picking the right case size and adding a little foam they are perfect for protecting your favorite keys and paddles. You can now transport your keys and paddles without having to worry about broken parts and scratches. The picture shows two different size cases. I got the smaller one for my Bencher straight key and a larger one for the Bencher paddles. They have lots of different sizes available to pick from. If you want to safely transport your keys check these cases out.

James Butler,
KB4LJV



JUNE

2006

<i>Sun</i>	<i>Mon</i>	<i>Tue</i>	<i>Wed</i>	<i>Thu</i>	<i>Fri</i>	<i>Sat</i>
				1 MARA Club Meeting 7:00 PM Charlotte, KD4SDH	2 Chris Sowell	3
4	5	6	7	8	9	10
11	12 Rebecca, KC4MTN Boyd, N4SSF	13 Delta Club Meeting 7:00 PM	14	15	16 Kathy, KE4UU Melissa, W5MDV	17 David, N4VKG
18 Dwayne, N5XUL	19 Pam Jennings	20	21 Deborah, KI4LXZ	22	23	24
25 Dick, K3ORS	26	27 Shelby Cty., ARES 6:45 PM Zachary, KG4WKA Steve, NX3W Harry, KI5UK	28	29	30 Marc, KB5ZMU Susan Pace	

JULY

2006

<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 INDEPENENCE DAY Joseph, KE4JFN	5 Betsy, KD4KOM	6 MARA Club Meeting 7:00 PM	7 Amanda Burnum	8 Sandra Joyce Rye
9	10 Pat, KC4SJD	11 Delta Club Meeting 7:00 PM Kay, KA4EAG Karen, KI4IRR	12 Harry, AF4RH	13	14	15 Nora, W4ZOR
16 Ben Montgomery	17 Richard, AI4BN Barry, KE4KAG Jerry, K4CMZ	18 Ray, AA4UK	19 Dean, N2LAZ	20 Joe, WA4OVO Marie, K4GMT	21 Bill, WA4MJM	22
23/ 30	24 /31	25 Shelby Cty., ARES 6:45 PM Bill, W4NZP	26 Don, KA4EBU	27	28 Simon Montgomery	29



**C O N T E S T
CALENDAR**

Here are some of the contests and special events coming up in the next few weeks...

ANARTS WW RTTY / Digital Contest -- sponsored by Australian National Amateur Radio Teleprinter Society (ANARTS), from 0000Z Jun 10-2400Z Jun 11. Frequencies: 80-10 meters. For more information: www.users.bigpond.com/ctdavies.

Asia-Pacific Sprint -- SSB, from 1100Z-1300Z Jun 10. Frequencies: 20 and 15 meters only (see Feb *QST*, p 99, or <http://jsfc.org/apsprint/aprule.txt>).

ARRL June VHF QSO Party -- 1800Z Jun 10-0300Z Jun 12 (see May *QST*, p 104).

Portugal Day Contest--SSB, sponsored by Rede dos Emissores Portugueses (REP), 0000Z-2400Z Jun 11. Frequencies: 80-10 meters. For more information: www.rep.pt/concursos.htm.

GACW WWSA CW DX Contest -- sponsored by Grupo Argentino de Radiotele-

grafia (GACW), from 1500Z Jun 10-1500Z Jun 11. Frequencies: 80-10 meters. For more information: <http://gacw.no-ip.org>.

ANARTS WW RTTY / Digital Contest -- sponsored by Australian National Amateur Radio Teleprinter Society (ANARTS), from 0000Z Jun 10-2400Z Jun 11. Frequencies: 80-10 meters. For more information: www.users.bigpond.com/ctdavies.

Asia-Pacific Sprint -- SSB, from 1100Z-1300Z Jun 10. Frequencies: 20 and 15 meters only (see Feb *QST*, p 99, or <http://jsfc.org/apsprint/aprule.txt>).

ARRL June VHF QSO Party -- 1800Z Jun 10-0300Z Jun 12 (see May *QST*, p 104).

Portugal Day Contest--SSB, sponsored by Rede dos Emissores Portugueses (REP), 0000Z-2400Z Jun 11. Frequencies: 80-10 meters. For more information: www.rep.pt/concursos.htm

Kids Day Operating Event -- from 1800Z-2400Z Jun 17

West Virginia QSO Party -- CW/SSB, sponsored by the West Virginia State Amateur Radio Council, from 1600Z Jun 17-0200Z Jun 18. Frequencies: 80-10 meters, CW -- 35 kHz from band edge, Phone -- 35 kHz from General class band edge and Novice/Tech 10 meter segment. For more information: www.qsl.net/wvsarc.

All-Asian DX Contest -- CW, sponsored by the Japan Amateur Radio League from 0000Z Jun 17-2400Z Jun 18. (SSB -- Sep 2-3.) Frequencies: 160-10 meters (160 is CW only), incl 10-minute band change rule. For more information and Asian station QSO points: www.jarl.or.jp/English.

SMIRK QSO Party -- CW/Phone, sponsored by the Six Meter International Radio Klub, 0000Z Jun 17-2400Z Jun 18. Frequencies: 50 MHz. For more information: www.smirk.org.

**The
W4BS
Elmer
Shack**

Please feel free to contact any of our ELMERS to help you enhance your amateur skills. Anyone wishing to be added to the Elmer list please contact Ned at ka4bll@arrl.net or 363-9607.

Codes:

1. Antennas
2. APRS
3. Contesting
4. CW Operating
5. Direction Finding (fox hunting)
6. DXing
7. Experimenting/Circuits/etc.
8. HF Phone
9. Packet
10. Repeater Operation
11. QRP
12. Satellite
13. RTTY
14. VHF
15. PSK31
16. Computer logging

K4TTA (Extra) Tom Richardson 386-6268
k4tta@arrl.net (1, 3, 4, 6, 8, 9, 13, 14, 15)

KA4BLL (Extra) Ned Savage 363-9607
ka4bll@arrl.net (1, 5, 8, 14, MARS, ARES/RACES, net control, traffic handling, emergency service)

KB4LJV (Extra) James Butler 294-2540
jbutler@bigriver.net (2, 7, 9, 11, 13, 14)

KD4NOQ (Adv) David Campbell 388-6166
kd4noq@bellsouth.net (1,2,3,5,9,10,12,14, slow scan TV, ATV minor)

KU4AW (Extra) Ben Troughton 372-8031
bktrough@bellsouth.net (2, 4, 8, 15)

N9ACQ (Extra) Bill Kuechler 368-0532
wkuechl1@midsouth.rr.com (1, 8, 13)

WA2IQC (Gen) Gary Blinckmann 794-5289
garyblin@midsouth.rr.com (1, 7, 10, 14)

WA4MJM (Extra) Bill Hancock 853-7192
billwa4mjm@aol.com (1, 2, 8, emergency communications, ARES,MARS)

K4DIT (Extra) Ken Gregg 853-7384
kgregg@c-a-c.com (4, 6, 8, 11, 15)

W4GMM (Extra) Ham Hilliard 372-2337
hamh@bellsouth.net (All categories)



Quebec QSO Party -- CW/Digital/Voice, sponsored by the Radio Amateurs du Quebec from 1700Z Jun 17-0300Z Jun 18. Frequencies: 80-2 meters, no repeater contacts. For more information: www.raqi.ca/qqp.

Summer Meteor Scatter Contest -- FSK441, sponsored by Radio Club "Golubinci" YT7GOL from 2000Z Jun 16-2000Z Jun 18. Frequencies: 144 MHz. For more information and changes for US station rules: http://solair.eunet.yu/~s.iliic/summer_msc.htm

Spanish Islands Contest -- CW/SSB/RTTY, sponsored by the Diploma Islas Españolas (DIE), from 0600Z-1200Z Jun 18. Frequencies: 80-10 meters. For more information: www.ea5ol.net/die.

ARRL Field Day -- 1800Z Jun 24 to 2100Z Jun 25 (see May *QST*, p 105).

His Majesty King of Spain Contest -- SSB, 1200Z Jun 24-1200Z Jun 25 (see May *QST*, p 100).

QRP ARCI Milliwatt Field Day -- 1800Z Jun 25-2100Z Jun 26. Follows ARRL Field Day rules; see www.qrparci.org/contest.htm for more information.

Canada Day Contest -- CW/Phone, sponsored by the Radio Amateurs of Canada (RAC) from 0000Z-2359Z Jul 1. Frequencies: 160-10, 6 and 2 meters. For more information: www.rac.ca/service/infocont.htm

MI QRP Jul 4th CW Sprint -- 2300Z Jul 4-0300Z Jul 5 (see Jan 2006 *QST*, p 101, or www.qsl.net/miqrclub).

Venezuelan Independence Day Contest -- CW/SSB, sponsored by the Radio Club Venezolano from 0000Z Jul 1-2400Z Jul 2. Frequencies: 160-10 meters. For more information: <http://radioclubvenezolano.org/concurso.htm>.

DL-DX-RTTY-Contest -- RTTY/PSK, sponsored by the DL DX RTTY Contest Group (DRCG) from 1100Z Jul 1-1059Z Jul 2. Frequencies: 80-10 meters. For

more information: www.drpg.de.

DARC 10-Meter Digital "Corona" -- RTTY/AMTOR/PACTOR/PSK31/Clover, sponsored by Deutscher Amateur Radio Club from 1100Z-1700Z Jul 2 (see Nov 2005 *QST*, p 103, or www.darc.de/referate/dx).

IARU HF World Championship -- from 1200Z Jul 8-1200Z Jul 9 (see Apr 2006 *QST*, p 102).

World Radiosport Team Championship -- runs concurrently with the IARU HF Championship. See www.wrtc2006.com for information on special competitions and awards.

World Wide Major Six Club Contest -- CW/SSB, sponsored by the Six Meter World Wide DX Club, from 2300Z Jul 8-0300Z Jul 9. Frequencies: 50 MHz only. For more information: <http://6mt.com/contest.htm>.

FISTS Summer Sprint -- CW, from 1700Z-2100Z Jul 9 (see Feb 2006 *QST*, p 99, or www.fists.org).

QRP ARCI Summer Homebrew Sprint -- CW, from 2000Z-2400Z Jul 9 (see Dec 2005 *QST*, p 86, or www.qrparci.org/contest.htm).

North American RTTY QSO Party -- sponsored by the *National Contest Journal* from 1800Z Jul 15-0600Z Jul 16. Frequencies: 80-10 meters, 100 W max power. For more information: www.ncjweb.com.

CQ WW VHF Contest -- all modes, sponsored by *CQ Magazine* from 1800Z Jul 15-2100Z Jul 16. Frequencies: 50 and 144 MHz bands, except 146.52 MHz (and other national simplex calling frequencies) and repeater frequencies. Please avoid the DX windows and international calling frequencies. For more information: www.cqww-vhf.com.

CQC Great Colorado Gold Rush -- CW, sponsored by the Colorado QRP Club from 2000Z-2200Z Jul 16. Frequencies:

20 meters only. For more information: www.cqc.org/contests.

Flight of the Bumblebees -- CW, sponsored by the Adventure Radio Society, 1700Z-2100Z Jul 30. Bumblebees are low power portable stations that walk, bike or boat to their sites and sign /BB after their calls. Frequencies (MHz): 7.040, 14.060, 21.060, 28.060. For more information -- www.arsqrp.com/ars/pages/bumblebees/bb_rules.html.

RSGB Islands-On-The-Air Contest -- CW/SSB, sponsored by the RSGB from 1200Z Jul 29-1200Z Jul 30. Frequencies: 80-10 meters. For more information: www.rsgbhfcc.org.

SPECIAL EVENTS

Jun 3-Jun 10, 1300Z-2200Z, Baltimore, MD. Historic Electronics Museum Amateur Radio Club, W2W. Use of electronics/radios during D-Day Invasion of Europe. 14.266 7.266. Certificate and/or QSL. Historical Electronics Museum Amateur Radio Club, PO Box 1693 MS 4015, Baltimore, MD 21203. www.hemarc.org.

Jun 3-Jun 17, 0400Z-0359Z, Atkinson, MA. Atkinson Amateur Radio Club, K1D. Celebrating Kid's Day and Amateur Radio Awareness. 21.370 14.270. QSL. Peter Schipelliti, 7 Dearborn Ridge Rd, Atkinson, NH 03811.

Jun 9-Jun 11, 1800Z-0200Z, Worthington, MN. Worthington Okabena Windsurfers, WØW. Annual Windsurfing Regatta and Unvarnished Music Festival. 21.375 14.275 7.275 3.875. QSL. Randy Shirbroun, NDØC, 1745 N Douglas Ave, Worthington, MN 56187. www.wgtn.net/wow/index.htm

Jun 9-Jun 11, 1800Z-1800Z, Estes Park, CO. HAMCON Colorado, W1AW/0. ARRL Rocky Mountain Division Convention. 21.320 14.245 7.255 3.875. QSL. W1AW/0, ARRL HQ Operators Club, 225 Main St, Newington, CT 06111. www.hamconcolorado.org

Jun 10, 0930Z-1800Z, County of Wiltshire, England. Swindon and District Amateur Radio Club, GB6BTS. Introducing children to amateur radio at Broad Town School Fete. 80 40 20 2 m and 70 cm. via bureau or direct to GB6BTS, c/o Gareth Drinkwater, 82 David Murray John Tower, Swindon, England SN1 1LI. www.qrz.com/GB6BTS.

Jun 10, 1300Z-2200Z, Elmont, NY. Long Island Mobile Amateur Radio Club, K2B. Triple Crown Special Event -- Belmont Stakes. 21.365 14.265 7.265 3.865. Certificate. LIMARC, PO Box 392, Levittown, NY 11756. www.limarc.org. *Special certificate for all three Triple Crown events.*

Jun 10-Jun 11, 1700Z-2300Z, Fond du Lac, WI. Fond du Lac Amateur Radio Club Inc, W9EBV. Fiftieth anniversary of FdL Radio Club. 14.275 7.250. QSL. Dave Witt, WD9W, 1160 S Park Ave, Fond du Lac, WI 54935. www.fdlhams.org.

Jun 10 and Jun 11, 1400Z-2000Z daily, Niagara Falls, ON Canada. Niagara Peninsula ARC, VE3VM. Friendly Foes Above the Falls Air Show. 14.270 7.265 7.065 14.025 7.025. QSL. Dave Digweed, VE3FOI, 2575 Rosedene Rd, St Anns, ON L0R 1Y0, Canada. www.nparc.on.ca

Jun 10-Jun 25, 0001Z-2359Z, Haddonfield, NJ. South Jersey Radio Association, K2A. 90th Anniversary of the South Jersey Radio Association. 145.290 144.465 28.405 7.168. QSL. South Jersey Radio Association, QSL Mgr W2YRW, Post Office Box 1026, Haddonfield, NJ 08033. www.sjra.org.

Jun 10-Jun 17, 1700Z-2300Z, Fayetteville, AR. Amateur Radio Club of the Arkansas Northwest, W5A. Commemorating 170th anniversary of Arkansas statehood. 25.450 21.240 14.250 7.250 3.975. QSL. Don Banta, K5DB, 3407 Diana St, Springdale, AR 72764. www.arkan.us.

Jun 16-Jun 18, 1600Z-1600Z, Conisbrough, Doncaster, South Yorkshire, UK.

CASHOTA, GB8CC. Castles and Stately Homes on the Air, from Conisbrough Castle. 17 20 40 80 m, HF VHF UHF and fast scan TV. Certificate. John Williams, G8LGC, 24 Hilltop Gardens, Denaby Main, Doncaster, South Yorkshire DN12 4SB, UK. www.cashota.org.

Jun 17, 1500Z-2100Z, Vandalia, IL. National Trail and Old Capitol Amateur Radio Clubs, K9UXZ. Bicentennial year of the Historic National Road. 10 15 m 14.240 7.240. Certificate. K9UXZ, Box 931, Effingham, IL 62401.

Jun 17, 1500Z-2200Z, Mansfield, OH. Intercity Amateur Radio Club, W8WE. North Central Ohio Safe Boating and Fishing Festival. 28.360 21.360 14.260 7.260. QSL. Robert Ruth, KD8AZQ, 2656¹/₂ Lexington Ave, Lexington, OH 44904.

Jun 17, 1600Z-2100Z, Cumberland, MD. Mountain Amateur Radio Club, W3YMW. Eastern End of Historic National Road Bicentennial. 18.125 14.270 7.270 3.925 SSB 14.070 7.070 PSK31 EchoLink-(KB3FN-R) 146.88. Certificate. Mountain Amateur Radio Club, PO Box 234, Cumberland, MD 21501-0234. www.hamtalk.org/NationalRoad.htm.

Jun 17, 1700Z-2300Z, Eminence, MO. Current River Amateur Radio Club, N0E. Amateur Radio Station in Emergency Operations Center. 28.340 21.240 14.240 7.240. Certificate. Jack Triplett, RR 1 Box 116, Birch Tree, MO 65438. www.semo.net/suburb/tripanna/CRARC/.

Jun 17, 1900Z-2400Z, Downey, CA. Downey Amateur Radio Club, W6TOI. 55th Anniversary of DARC and Kid's Day. 21.300 14.250 7.250. QSL. Tom Van Buskirk, 8230 Comolette Ave, Downey, CA 90242. www.downeyarc.org.

Jun 17-Jun 18, 0000Z-2400Z, Portsmouth, OH. Portsmouth Radio Club, N8QA. 68 years as a Amateur Radio Club. 28.400 21.230 14.230 7.230. QSL. PRC, PO Box 266, Portsmouth, OH 45662.

Jun 18, 1530Z-1900Z, Brooklyn, NY. Kings County Repeater Association, KC2RA. NYC Amateurs Honor Samuel F.B. Morse. 28.150 14.305 7.250 7.125 3.900. QSL. Kings County Repeater Association, Samuel Morse Memorial Special Event, PO Box 280288, Brooklyn, NY 11228. www.kc2ra.com.

Jun 23-Jun 26, 1300Z-0500Z, North Bend, NE. Pioneer Amateur Radio Club, N0B. Commemorating the 150th anniversary of North Bend, NE. Gen and Nov/Tech subbands 10 15 20 40 80. Certificate. KOJFN, Pioneer ARC, 2411 Country Road 15, Colon, NE 68018. <http://home.alltel.net/jlhoffman/index.htm>.

Jun 24-Jun 25, 1400Z-1800Z, Kendallville, IN. Kendallville Contesters/21 Repeater Group, W9N. Mid-America Windmill Museum Festival. 21.250 14.250 7.250 3.985. QSL. Timothy S. Ryman, 618 Circle Dr, Albion, IN 46701.

Jun 24-Jun 25, 1800Z-2100Z, Libertyville, IL. Lake County Illinois RACES/ARES, W5O. Lake County Illinois RACES/ARES 50th anniversary. 14.283 7.283. QSL. Lake County RACES/ARES - W5O, 1303 North Milwaukee Ave, Libertyville, IL 60048. www.races.org.

Jun 24-Jun 25, 1400Z-1400Z, St Petersburg, FL. Alphas Repeater Group, W4Z. Field Day (IOTA NA034 FL1325 Mullet Key -- Fort Desoto Park). 28.475 21.350 14.275 7.225. QSL. Jim Leder, 9374 Meadow Ridge Dr, Cincinnati, OH 45241. <http://n4maa.us/>.

Jun 24-Jun 25, 1800Z-1800Z, Virginia City, NV. Texas DX Society, K7A. 20th anniversary of the Great Armadillo Run of 1986. SSB and CW 80 meters through 432. W7RN -- Nevada Association of Contest Highland Operators, Attn: Tom Taormina, 370 Panamint Rd, VC Highlands, NV 89521. www.consultpr.com/armadillo.htm

Jun 29-Jul 2, 0400Z-0000Z, Village of Newcastle, Ontario, Canada. Newcastle Desquicentennial Anniversary Group,

XM3XZ. 150th anniversary of the Founding of Newcastle Village. All bands. QSL. Edward P. Swynar, VE3CUI, 3773 Concession Rd 3, RR 8, Newcastle, ON L1B 1L9, Canada. www.newcastle150.com/.

Jul 1, 0000Z-2400Z, Hannibal, MO. Hannibal ARC, W0MTL. National Tom Sawyer Days. 21.240 14.240 7.240. Certificate. Robert Mitchell, 6825 Gardner Expy, Quincy, IL 62305. www.w0kem.com.

Jul 1, 1300Z-1900Z, Bristol, TN. Bristol Amateur Radio Club, W4B. Commemorating 150th anniversary of the founding of Bristol, TN/VA. 14.285 14.240 7.265 7.230. Certificate. Ben Morris, K4EDI, 16721 Chase Ln, Abingdon, VA 24210. www.qsl.net/barc.

Jul 1, 1200Z-1900Z, Ashland, KY. River Cities Amateur Radio Association, KZ4G. A fun community gathering in Central Park. 28.350 14.300 7.250 3.940. Certificate. RCARA, PO Box 612, Ashland, KY 41105. www.summermotion.com.

Jul 1, 1400Z-2200Z, Smithville, TN. DeKalb County Amateur Radio Club, K4F. 35th Annual Smithville Fiddlers Jamboree and Crafts Festival. 28.425 21.335 14.280 7.275. QSL. Wm Freddy Curtis, KC4GUG, 288 Dogwood Cir, Smithville, TN 37166-2712.

Jul 1, 1800Z-2100Z, Los Alamos, NM. Los Alamos Amateur Radio Club, W5PDO. Earthwatch Institute gifted high school student program from Fenton Hill Observatory. 28.450 21.350 14.250. Certificate. Don Casperson, AA5PA, 1423 43rd St, Los Alamos, NM 87544. <http://laastro.lanl.gov/earthwatch>.

Jul 1-Jul 2, 1400Z-2100Z, Winona, MN. Winona Amateur Radio Club, Inc., W0NE. Great River Shakespeare Festival. 14.250 14.050 7.250 7.050. Certificate. Leslie Hittner,

KØBAD, 1340 Conrad Dr, Winona, MN 55987. www.w0ne.org.

Jul 1-Jul 8, 0001Z-2359Z, Williamsport, PA. West Branch Amateur Radio Association, W3AVK. Williamsport Bi-Centennial--2006 Celebration. 14.265 14.040 7.280 3.850. QSL. A. O. Thomas, KC3Q, 1608 Elmira St, Williamsport, PA 17701-2118.

Jul 2-Jul 5, 2000Z-0000Z, Ft Missoula, MT. Hellgate Amateur Radio Club, W7PX. 200th anniversary of the Lewis and Clark Expedition in Missoula Valley. 21.360 14.260 7.260 3.860. Certificate and QSL. HARC, POB 3811, Missoula, MT 59806. www.users.qwest.net/~k7vk/.

Jul 4, 1400Z-2100Z, Robbinsville, NC. Smoky Mountains Amateur Radio Team, N4GSM. Graham County Heritage Festival. 14.242 7.242. Certificate. SMART, PO Box 517, Robbinsville, NC 28771. www.main.nc.us/graham/smart

Jul 4, 1500Z-2200Z, Independence, IA. Five Sullivan Brothers Amateur Radio Club, W0FSB. In honor of the five brothers and all of our veterans. 28.340 21.240 14.240 7.240. Certificate. Five Sullivan Brothers ARC, 4015 Independence Ave, Waterloo, IA 50703.

Jul 4, 1600Z-2300Z, Beecher, IL. Hams of Beecher, W9B. 6th Annual Welcome Home Beecher Train Depot. 28.340 14.270 14.040 7.270 146.49. Certificate. Gene Backlin, 26811 Greenbriar Dr, Monee, IL 60449.

Jul 4-Jul 5, 1400Z-0200Z, Thompson, OH. Lake County Amateur Radio Association, N8GB. Happy Birthday America! 28.450 14.265 7.246. Certificate. George R. Bair, 386 Cedarbrook Dr, Painesville, OH 44077. www.lcara.org.

Jul 8, 0900Z-2100Z, Vernon, CT. Area Amateurs, K1J. Jesus Festival. 145.450 145.330 146.52 145.73. QSL. John Winkley, 105 Oxford Dr, East Hartford, CT 06118.

Jul 8, 1300Z-2000Z, Pittsburgh, PA. Butler County Amateur Radio Public Service Group, K3PSG. Wings Over Pittsburgh -- 911 Airlift Wing Air Show featuring the Blue Angels. 28.440 21.340 14.240 7.240. Certificate. BCARPSG, PO Box 141, Prospect, PA 16052.

Jul 8, 1600Z-0400Z, West Covina, CA. Southern California Amateur Transmitting Society, WB6LRU. SCATS celebrates 30 years of radio. 20 40 m. QSL. Craig Johnson, N0CCJ, 19745 Colima Rd, Ste 1-577, Rowland Heights, CA 91748. www.scats.org.

Jul 8-Jul 9, 1200Z-2100Z, Marietta, OH. Marietta Amateur Radio Club (W8HH) and Parkersburg Amateur Radio Klub (N8NBL), W8HH. 6th annual Riverfront Roar Powerboat Races & Festival. 146.97 146.88 14.325 7.285. Certificate. Mark Leatham, KR5N, 1710 Mount Tom Rd, Marietta, OH 45750.

Jul 8-Jul 9, 1600Z-0300Z, Watertown, TN. Upper Cumberland Amateur Radio Association, W4J. Watertown Jazz Festival -- TN's Premier Jazz Event. 14.260 7.260 3.860. QSL. Dennis M. Barrett, 1035 East 6th St, Cookeville, TN 38501. www.ucara.org.

Jul 12-Jul 16, 1800Z-2200Z, Austin, TX. Naturist Amateur Radio Club, NU5DE. **Nude Awareness Celebration/Nude Recreation Week**. 21.365 14.265 7.265. Certificate. Naturist Amateur Radio Club, PO Box 200812, Austin, TX 78720-0812. www.nu5de.org.

TENNESSEE NETS

Net Name	Freq.	UTC	Day
Tennessee CW Net	3635	0100	T-Su
Tennessee Slow CW Net	3682	0130	T-Su
Tennessee Early Morn Phone Net	3980	1145	M-F
Tennessee Morning Phone Net	3980	1245	M-F
Tennessee Morning Phone Net	3980	1400	Sa-Su
Tennessee Evening Phone Net	3980	0030	T-Su

LOCAL HAMFESTS OF INTEREST

2nd Annual MCARC Hamfest
 McMinn County Amateur Radio Club
 I-75 Exit 49 and Hwy 30 E
 Athens Regional Park
 Athens, TN
 July 15, 2006

Delta Amateur Radio Club
May 2006 Treasurers Report

Balance	\$7,090.03
<u>Expense</u>	
U of M Phone Bill	\$22.94
Bell South Phone Bill	\$58.43
Total Expense	\$81.37
<u>Income</u>	
2006 Membership Dues	\$65.00
Total Income	\$65.00
Balance 06/06/2006	\$7,073.66

SPARKS is published monthly by the Delta Amateur Radio Club and is emailed to club members and other interested parties. All information published in this newsletter is provided as a service. While every effort is made to ensure accuracy, the Delta Amateur Radio Club and its officers assume no liability resulting from errors or omissions. All correspondence may be mailed to:

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P.O. Box 750482
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2006 Board of Directors

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-

Vice President

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Director of Meetings and Special Events

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Repeater Trustee

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-

Past President (2004 & 2005)

Ned Savage, KA4BLL
 901-363-9607 (ka4bll@arrl.net)