

DELTA AMATEUR RADIO CLUB

SPARKS

P. O. BOX 750482 MEMPHIS, TN 38175-0482 / VOL. 16 / SEPTEMBER, 2004



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

SEPTEMBER 2004 CLUB MEETING

DATE: September 14, 2004 (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:

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. 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: joant@mem.net

PRESIDENT'S CORNER

To all of the Delta Amateur Radio Club Members:

A member brought to my attention that the 147.36 repeater is not responding, or seems to be off the air. In fact it is the later. The repeater shares the same site as the "Med-Mers" repeater, which is the main repeater for linking the hospitals in time of communication problems. The "Med-Mers" took a direct lightning strike recently and from the description of the aftermath, all that was left of that repeater's antenna was a small charred stub at the base. To keep their system operational, our 147.36 machine, which sets next to theirs was unplugged, and our antenna was switched to their 145.13 repeater. If it had been done by any other organization, I would say that they should have contacting us for permission first, but the control operator/trustee for that machine is the person who secured the repeater site for Delta

Please Remember: Deadline for Reports and Articles for the next issue of SPARKS is Friday, September 24th. 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

Club's repeater, and is our club's previous repeater trustee.

Delta Club is an advertised sponsor again this year for the "MS 150 Bike Tour". This 150 mile, two day event, was held on September 11, and 12. Many thanks to the Hernando, MS group, who let us use their 146.91 repeater for primary traffic. I also offer a big thank you to Tommy, KD4TJO, for coordinating the event and to all the hams who volunteered their weekend for such a worthy cause.

73, Ned, KA4BLL

Delta Amateur Radio Club Membership Meeting Minutes August 10, 2004

Before the meeting started Darrell, KE4DHF fired up the grill and cooked all the leftover hamburger patties that were not used at Field Day. The club had drinks and fixin's for the burgers and was accepting a \$5 donation for anyone that wanted a burger before the meeting started.

Ned Savage, KA4BLL called the July General Membership Meeting for the Delta Amateur Radio Club to order at approximately 7:12 pm local time with 36 members and guests present.

Ned, KA4BLL called for introductions of all present.

There was a motion made and seconded to accept the minutes of the last meeting as published in the August issue of SPARKS. Motion passed.

Bill, KG4VAW read the treasurer's report. Randy, W4RMV questioned whether the phone line was up at the 443.2 repeater. It is supposed to be live to the demark but we still have to go run the line from there to where the repeater is actually located. Coordination with the site owner for weekend access has been difficult but we are still trying. Motion to accept treasurer's report passed.

Old Business:

There was no old business.

New Business:

Tommy announced that the MS150 Bike Tour to raise money for the Multiple Sclerosis Society was coming up in about three weeks and we still need more volunteers. He also pointed out that we still have Delta Club can coolers for sale.

Joe, WA4OVO announced a possible new public service event for the Crone's Disease Foundation. They are having a 5K walk through Overton Park on Saturday September 18. Joe needs about 5 or 6 volunteers to help with that event.

Program: Suresh, N9GSA with assistance from David, KD4NOQ gave an in-depth look into the world of APRS (Automatic Position Reporting System). It's obvious that APRS will do a lot more than most of us are aware of. APRS has been used in public service events around the area including the MS150 and the Memphis Marathon.

Meeting adjourned at approximately 8:45 pm.

Respectfully submitted:

Tommy, KD4TJO
Secretary

VEC Report August 10, 2004

August - hot, muggy, wet - end of summer for many school children. How sad, seems as if the summer just got here with vacation and summer camps to enjoy. Where I grew up summer never ended until the day after Labor Day - that was when we started back to school.

August 10th we had 8 people take 12 elements.

Congratulations to the following:

Judy Couch KG4VES Extra Class
Carl Hasting KB5SWB Extra Class
Elizabeth Mc Fadden KI4GPP Technician
Barbara O'Neil KI4GPQ Technician
LaVonna Williams KI4GPN Technician
Leslie Williams KI4GPO Technician

A reminder to all that are studying the Morse

Code. This VE Team does not accept a paper where you have copied the entire QSO in dots and dashes and then gone back and transposed it the the English alphabet. That is not considered copying the code. You would not be able to have a real conversation in that mode. "Wait I cannot get back to you until I have recopied all that you have said". This would have to be programmed into the automatic keyer. I don't think that many would wait for you. There were three persons that attempted the code in this manner at the last session (August).

Thank you to the following persons that helped make this a wonderful session for those attending: Arlene AA5GX, Bill KC4SXT, Ned KB4BLL, and Ray N4ARH. The next session is September 14th CU there.

ATTENTION, QST, CQ, CQ

If anyone would like to fill in as the Club's Training Director for the remaining part of this year, Tom, K4TTA has said that he wants to step down due new occupational demands on his time and ability to serve. Also, be thinking about what Club Positions YOU might be able to serve in for next year, the ELECTIONS are at November's meeting. A Nominations Committee will be formed at the September meeting, contact them if you are interested in a position. They will probably be calling all those who are qualified to run, but try to get with them, first and beat the rush!!!!

Qualifications are that you must be a member in good standing, and have attended at least 6 meetings this year through the October Meeting. All positions

are available, but several of the incumbents are willing to continue in their posts until the club replaces them.

73, Ned, KA4BLL

THANK YOU!

To all the amateur radio operators that assisted with the 2004 MS150 FedEx Express "Rock N Roll" Bike Tour this weekend and for those on this list that offered their assistance but were not needed (due to a last minute reduction in SAG trucks) I want to express my most sincere and personal thanks to each and every one of you. Your efforts made the event run smoother and more efficiently than had we done the event without amateur radio support. We had two persons assisting us that were not amateur radio operators this weekend and if the appropriate recipients of this would please pass my thanks on to them as well, I would appreciate it.

We were 100% in attendance and most of you arrived even earlier than I had asked for. You offered your time, your equipment and your expertise in passing information at the ride in such a way that made me proud to be an amateur operator. For those of you that were not able to stay for the banquet and program on Saturday night, we were recognized for our contribution and I want you to know that your efforts this weekend assisted, in a small but important way, to help the Multiple Sclerosis Society Mid-South Chapter raise over \$300,000 during this ride. That is not the final figure, as money can still be turned in for a period of time and they are hoping that the figure will increase by another 33% to be close to \$400,000 before it's all said and done.

Again, my thanks to you and I hope to see all of you at the Delta Club meeting on Tuesday night.

73,

Tommy, KD4TJO

HOW TO LOOK FOR THE INTERNATIONAL SPACE STATION

DAVID CAMPBELL, KD4NOQ

Awhile back, I became interested in tracking/watching the International Space Station. I found out that it was visible from my own back yard. There is a very good web site that I use to find out when, where, what time, and if it will be visible during a certain pass. The web site is: www.heavens-above.com. At this web site there are all kinds of information on satellites and some astronomy, such as sun and moon data.

There is also a section on the Starshine satellites. The Starshine satellites were launched for educational purposes only. I plan on doing an article on them later. They are really neat satellites. In order to find the proper pass for the ISS you will go to www.heavens-above.com web site. You will go down to the bottom of the sign-on page and click on "select," or if you know your coordinates enter them. Then you will need to enter you country "USA." Next you will need to enter your town. Go to the bottom of the "Select Town" page and put "Memphis" in the Search String box and click "Submit." The next page will have a bunch of "Memphis " sites. click on Memphis, Tennessee. This will bring up another main page of Heavens-Above. Look under "Satellites" for the ISS 10 day predictions, then click on "ISS." This will give you a 10-day pass for ISS. The next page that should come up is a chart of the ISS passes, with all of the information. The time is Central Standard Time local. After you follow the instructions, your location should be displayed at the top of this page. The one thing you will need to look closely at for visible passes in the chart is "MAG." This will tell you how bright the ISS will be for a particular pass. The lower the number on the chart, the brighter the object/ISS. You can click on "MAG" to find out more on this subject.

As for the time, like I said, it's local. If the time says 00:21:00 that means that it's 12:21 AM or 21 minutes after midnight. I've been watching some of the passes for ISS. The one or two good passes for March were at 4 to 5 in the early morning. Maybe, the times will improve. I saw a pass back in February that was at 6:00 PM (dusk). The ISS had a "MAG" factor of -0.7. It was almost the only thing you could see in the sky. It almost looked like an airplane passing over. I don't want to get your hopes up to much for seeing the complete ISS station. It just looks like a bright star in the sky. If you had a telescope, I guess, you could probably see more of it.

As for the length/time or duration of the passes, they last two to two minutes thirty seconds. It does move pretty fast across the sky. If there are trees around you will not see it as long. I guess the best area to view ISS passes is in a clear area. If you can, get out of the city lights, you might be able to view the ISS with a higher "MAG" factor. As long as there is a -0.3 or better "MAG" factor and no clouds, there is a really good chance you will see the ISS. I have seen the ISS with a 0.2 "MAG" factor, but it was real tough though. It's amazing to me than we can visually see this object from the ground. This is why I have given a shot on how to track the ISS.

There is another part to the ISS. They have an amateur packet station aboard the ISS. One of its uses is to "digipet" APRS through it. I haven't done that yet. I have caught a few APRS packets coming through the ISS. There were stations from the west coast to the east coast on my Win APRS software on my computer. And all of this on VHF! The frequency for the "downlink" on packet from the ISS is 145.800. But how to use the ISS to digipet through is still another article. I will try to get on some of the nets to let folks know when a good and timely ISS pass will take place. Since the Shuttle crash, the ISS Amateur radio station has been quiet. The only time it's used is during a school interview with the ISS. The packet station is off the air for now.

**FROM THE
ARRL WEBPAGE**

**HURRICANE NET, WX4NHC CONTINUE
HELPING FORECASTERS TRACK FRANCES**

The Hurricane Watch Net (HWN) on 14.325 MHz this week has been working hand-in-hand with WX4NHC at the National Hurricane Center (NHC) to relay weather data and damage reports as a downgraded Hurricane Frances continues on what appears to be an inevitable collision with Florida's Atlantic Coast. As of September 3 at 1800 UTC, the National Hurricane Center said Frances was relentlessly lashing central and western Bahamas" while slowly heading for Florida.

"We continue to have torrential rains," Marti Brown, KF4TRG/C6A, on Abaco reported to the HWN net control station September 3. "It's essentially a whiteout condition." Her report, typical of those being gathered, may portend what Southern Florida can expect. Another Amateur Radio report from the Bahamas indicated that seas were breaching the dunes of the beach, and residents were evacuating.

All such reports, typically including real-time measured weather data, are passed along to WX4NHC at the National Hurricane Center for forecasters to review. HWN operators have been handling and relaying all reports with businesslike efficiency, despite occasional QRM--some of it possibly intentional.

HWN Manager Mike Pilgrim, K5MP, in Boca Raton, Florida, briefly checked into the net using an indoor antenna "in case we need it," he told net control. The latest National Hurricane Center forecast is available via the HWN Web site <<http://www.hwn.org/atlantic/hapt31us.htm>>, which includes graphics.

During hurricanes and severe weather emergencies, trained HWN members work in cooperation with WX4NHC to relay observed or measured weather

data and damage reports to forecasters via Amateur Radio. The ground-level weather data assist NHC forecasters in predicting a storm's path and behavior.

Frances was downgraded September 3 to a Category 3 hurricane, with winds of 115 MPH with higher gusts. Its forward motion was expected to continue to slow, however, perhaps buying some time for Floridians preparing for or escaping the storm's anticipated wrath.

As the state continued to recover from Hurricane Charley in mid-August, Amateur Radio Emergency Service (ARES) teams throughout Florida this week got ready for another punishing storm. Some communities hard-hit by Charley are in the potential path of Hurricane Frances.

Special sessions of the Southern Florida ARES Net (SFAN) to coordinate response activities (Florida Midday Traffic Net and Tropical Phone Traffic Net, both on 7242 kHz) were called up this week. Southern Florida ARES Section Emergency Coordinator Jim Goldsberry, KD4GR, says the Broward County Emergency Preparedness Net activated September 2 from the Broward County emergency operations center (EOC).

Palm Beach County also was recruiting ARES volunteers for shelter and EOC communicator duty. Palm Beach County RACES Officer Mark Filla, KS4VT, reported coastline and mobile home evacuations were under way.

"This is not a drill," emphasized Polk County Assistant Emergency Coordinator Wayne Miles, KG4TCJ, in a message to the Florida ARES reflector. Among the areas assaulted by Hurricane Charley, Polk County ARES has begun conducting informational nets (146.985 MHz, 127.3 Hz tone) at the top of every hour.

Earlier this week, Indian River County Emergency Management's Nathan McCollum put that county's Auxiliary Communication Services (ACS)--a

Citizen Corps group--on a "Level 1" alert. The ACS includes Amateur Radio and REACT communication resources.

SATERN, the Salvation Army Team Emergency Radio Network, planned to activate September 4 at 1400 UTC on 14.265 MHz. SATERN will handle emergency and health-and-welfare traffic for those attempting to get news of friend and relatives in the affected areas. SATERN also accepts specific H&W inquiries via its Web page <<http://www.satern.org>>.

A fairly new all-CW entity, the National Radio Emergency Net (NREN), activated September 3 in response to Hurricane Frances to monitor 14,050 kHz and 7050 kHz for health-and-welfare, emergency traffic and hurricane information throughout the weekend. NREN is geared to low-power, portable and mobile stations.

ARRL West Central Florida Section Manager Dave Armbrust, AE4MR, said Hillsborough County and Sarasota County ARES were preparing for ARES Mutual Assistance Team (ARESMAT) deployments. "If your county is not directly hit, please be ready to lend a hand elsewhere if requested," he advised.

In a message to the Tampa Amateur Radio Club Hillsborough County of Emergency Management Director Larry Gispert, KR4X, said that many emergency workers were "very impressed" by what Amateur Radio volunteers were able to accomplish during Hurricane Charley.

"In this day and age of ubiquitous Internet access and prolific cell phone usage, it is still amazing that when the chips are down the only reliable form of communication is a bunch of hams with their radios," Gispert said.

FCC STILL ENFORCING PART 15 RULES IN SOME AMATEUR INTERFERENCE CASES

While the ARRL has accused the FCC of sweeping under the rug several Amateur Radio complaints of

interference from unlicensed broadband over power line (BPL) devices, the Commission apparently is not ignoring other Part 15-related interference complaints from hams. With the assistance of the ARRL Laboratory, the FCC continues to dog complaints--some now longstanding--of power-line noise interference to amateur communication. Other cases of Part 15 device interference to radio amateurs have been a bit more exotic. For example, two recent citations issued by the Portland, Oregon, FCC field office involved interference from wireless microphones operating in the 70-cm band.

"The agent measured the field strength at 1500 uV/meter at a distance of 3 meters from the referenced wireless microphones and determined that the microphones were in noncompliance with §15.209 of the Commission's rules, which apply to intentional radiators," the FCC said.

Daniel Bathurst, WA7ABU, of Salem, Oregon, filed the complaint. In citations to FLECO Corp of Chino, California, and The Club Works Sound and Lighting of Salem, the Commission alleged that the devices, which operate on 432.55 and 439.55 MHz, also were not certificated for sale in the US. The FCC citation indicated that FLECO had sold the microphones to The Club Works.

As reported, the FCC earlier this year fined Best Wok, a Westville, New Jersey, restaurant \$10,000 for operating transmitting equipment on the 2 meter satellite subband without a license. The eatery allegedly was using a so-called "long-range cordless telephone" to communicate with its delivery vehicle.

Other recent cases have stemmed from radio amateurs' complaints about their neighbors' Part 15 devices. In a Texas case that FCC Special Counsel for Enforcement Riley Hollingsworth described as "an unfortunate neighborhood situation," the neighbor allegedly not only failed to respond to FCC letters but tossed out the toroid core devices the amateur, William Cooper, W5ZAF, had provided

free and which, the FCC said, had resolved the interference.

Hollingsworth told the neighbor that under Part 15, operation of a consumer product "such as a battery charger" must not result in harmful interference to a licensed radio service. He emphasized that it's the neighbor's responsibility to correct the interference--whether or not the neighbor accepts Cooper's help.

In a similar case in Colorado, Hollingsworth on August 10 wrote another amateur's neighbor about interference from an electric fence charger to the Amateur Radio and broadcast television reception of P. E. Muetz, K0AWS.

"Operation of a consumer device such as your fence charger under Part 15 of the Commission's rules must not result in harmful interference to a licensed radio service, and Part 15 of our rules clearly explains that," said Hollingsworth, who'd also spoken with the neighbor by telephone last April.

In a seeming turnabout-is-fair-play situation, the FCC contacted a Mattawan, Michigan, resident to follow up on complaints that the individual's TV set was causing harmful interference to the Amateur Radio operations of Robert Lawson, KG8QD. Sharon Bowers, deputy chief of the FCC's Consumer Inquiries and Complaint Division, noted that Part 15 obliges the TV set's owner to resolve the interference promptly. Under Part 15, a TV set or a computer monitor is considered an "unintentional radiator."

In July, the FCC contacted Illinois Power Company to report receiving complaints that the utility's equipment may be causing harmful interference to the amateur operations of Earl Shaffer, WB9UWA, of Normal.

"The complainant has attempted unsuccessfully to work through your usual complaint resolution process, and, as a result, the matter has been referred to our office," Bowers said in a form letter to the utility's CEO. In both cases she handled, Bowers

provided the address, telephone number and e-mail address of the ARRL's Radio Frequency Interference Desk as a source of "help and guidance about radio interference that involves Amateur Radio operators." More than five dozen power line interference cases have been referred to the League this year.

LIFE IN SPACE FUN, CHALLENGING, ASTRONAUT TELLS PENNSYLVANIA STUDENTS

NASA International Space Station Science Officer Mike Fincke, KE5AIT, told students at Pennsylvania's Upper St Clair High School August 27 that life in space is both fun and, at times, challenging. The Amateur Radio on the International Space Station (ARISS) school group contact between NA1SS in space and WB4GCS in Western Pennsylvania represented a homecoming of sorts for Fincke, who was born in Pittsburgh and whose parents live in Emsworth, where he grew up. Fincke said problems with an onboard gyroscope system that occurred just as the Expedition 9 crew arrived aboard the ISS presented the most unexpected challenge to date of his six-month tour of duty.

"Our biggest challenge was to get some spacesuits and get outside and fix it, and it turned out that the American spacesuits were broken, and we had to go to our backup plan with the Russian spacesuits," Fincke recounted. "That took a lot of work. That was a big challenge, but we were successful on the Fourth of July weekend, and we fixed that gyroscope's power source." The challenge aside, Fincke said, the experience was "really exhilarating."

Although he's missed his wife and children while in space since April, Fincke says he's enjoying his time aboard the ISS.

"The most fun I've ever had in space has been every day since I got here," he said in reply to a youngster's question. "I've been waiting my whole life, and every day aboard the space station has been a great day. There's always something new, something new to

learn, something new to see."

Fincke said he'd like to see the human space flight program focus on once again landing on the moon, journeying to Mars and eventually to the stars. "We need to explore who we are and our potential as human beings."

Fincke also philosophized in response to a question about the perspective he's gained from living in space. "Every piece of history, everything we've ever talked about, every poem that was ever created, every heart that was broken, every joy that was felt is just on that ball of rock that's below us right now, and that really puts things into perspective."

The Expedition 9 crew is scheduled to return to Earth in about six weeks.

Mentoring the ARISS contact was Howard Ziserman, WA3GOV. Jim Sanford, WB4GCS, served as the control operator. Setting up the Earth station for the contact were the Wireless Association of South Hills (WASH) and Washington Amateur Communications (WACOM), with assistance from local AMSAT members.

ARISS is an educational outreach with US participation by ARRL, AMSAT and NASA.

"INTRUDER SIGNAL" ON 40 METERS REMAINS A MYSTERY FOR NOW

An unidentified signal that's been showing up on the 40-meter phone band on or about 7238 kHz has mystified amateurs in the western US and Canada, where it's been heard frequently for the past few weeks. Although it resembles a steady carrier, a closer inspection suggests that the intruding signal actually is a series of closely spaced signals. Don Moman, VE6JY, in Edmonton, Alberta, says the signal is quite loud at his QTH.

"This signal looks a lot more interesting than it would sound--just a broad tone/hum/buzz,

depending on where you tune," he said. One spectrogram from VE6JY showed perhaps a half-dozen or more discrete signals. "It's certainly loud enough out here, peaking broadly south-southwest from Edmonton," he said. Moman was using a 5-element Yagi and was hearing the signal at 10 dB over S9.

That conforms with observations reported by Bob Gonsett, W6VR, at Communications General Corp (CGC). He says engineers at the CGC lab in Fallbrook, California took a quick look at the intruder September 6 at around 2120 UTC and found "several close-spaced CW carriers--perhaps from one specially modulated transmitter, perhaps from transmitters at different locations," he reported. CGC reported the signals appeared on 7238.063, 7238.150, 7238.237 and 7238.412 kHz, with the 7238.237 kHz signal being "the strongest of the group."

While no one's sure what it is, the FCC HF Direction Finding Facility has been able to determine that it's coming from somewhere north of Prescott, Arizona, and west of Interstate 17. FCC monitoring indicates the "buzz" is centered on 7238.1 kHz with a bandwidth of about 1 kHz and spikes spaced at about 90 Hz apart.

Reports to the International Amateur Radio Union Region 2 Monitoring System indicate the signal has been heard from about 1700 to 2130 UTC, although Moman reported hearing it at around 0300 UTC and said the signal even went off the air for a few seconds while he was listening to it. Jack Roland, KE0VH, in Colorado also heard the signals for a couple of evenings this week. "Something is not right there," he remarked.

High Noon Net Manager Bill Savage, N5FLD, in Albuquerque, New Mexico said several net participants--in Nebraska, Colorado, Nebraska, Wyoming, Minnesota and Arizona--were able to hear the mystery signal.

PACKET UPDATE

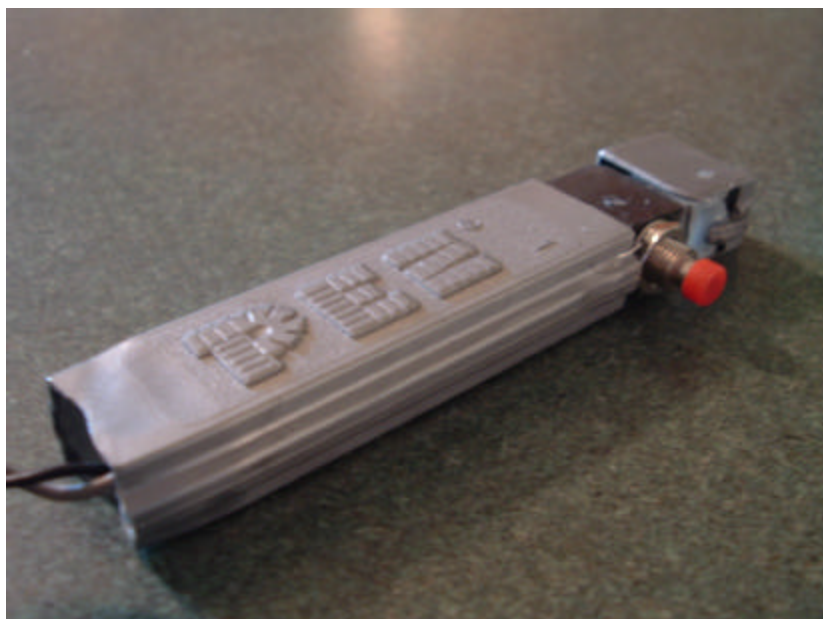
Morse code is a mode a lot of us use. In order to upgrade to general and above we have to pass the 5 WPM requirement. One of the nice computer programs to help out is MORSECAT. The program allows you to get practice in groups of letters, numbers and punctuation. The program has advanced features such as loading any text file and transmitting it in morse code on the screen. The program also has a mode where you can actually send morse code to the program via the joystick port on the computer using the joystick button. The program is nice for those upgrading as well as those who want a little practice to get back on the air. MORSECAT is available on the internet for those who wish to download it. Just use your search engine to find the homepage.

James Butler
KB4LJV

AMATEUR HARDWARE UPDATE

Many times we operate portable for fun, field day or emergency operations. If we use morse code a key has to be carried into the field. A failure of this key could cause problems so a backup key in the supply box may be needed. This month's project is the PEZ MORSE CODE KEY. It is a small emergency key that can be carried in your pocket or tools box. The key is made from a PEZ candy dispenser and a small Radio Shack pushbutton switch. While not as good as a SPEEDX key it sure beats trying to send by touching two wires together. The key can be used with it held in the hand or be held on the table to send in the conventional manner. The key is easy to build and could come in handy in an emergency.

SEE YOU AT THE MEETING
James Butler, KB4LJV



SEPTEMBER

2004

<i>Sun</i>	<i>Mon</i>	<i>Tue</i>	<i>Wed</i>	<i>Thu</i>	<i>Fri</i>	<i>Sat</i>
			1	2 MARA Club Meeting 7:00 PM Wil Pace	3 Roger, KI4AJH	4 Steve, KF4LUR
5	6	7 George, KG4SMH	8 Gary, KE4WOS	9 Arlene, AA5GX	10 Terry, KB4KA	11
12	13 Jody, KG4VES John, KA4RXP	14 Delta Club Meeting 7:00 PM Brian, KD5OZD	15	16	17	18
19 James, KG4YKY Jim, KN4F	20 Marjorie, KF4NZA David, KU4AS	21	22	23 Mike, W5CHR Bill, KG4VAW	24 Ken, K4DIT	25
26	27 Mark, KB4MFD Leslie, KE4GNI	28	29 Gary, WA2IQC Tony, WA4KHN	30		



CONTEST CALENDAR

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

MHz--7-11 PM Oct 6; Microwave--902 MHz and higher--6 AM-1 PM Oct 16; 50 MHz--2300Z Oct 23-0300Z Oct 24. Fixed and Rover categories. Exchange: Grid Square. Rovers all grids worked from each grid. For more information: http://svhfs.org/fall_sprint_rules.htm

Russian RTTY WW Contest, sponsored by *Radio*, from 0000Z-2400Z Sep 4. Frequencies: 80-10 meters. Exchange: RST + WAZ zone or Russian Oblast.

VHF Fall Sprints--CW/Phone/Digital--sponsored by the South-eastern VHF Society as follows:
144 MHz--7-11 PM local Sep 20;
222 MHz-- 7-11 PM Sep 28; 432

All-Asian DX Contest--Phone, 0000Z Sep 4-2400Z Sep 5 (see June *QST*, p 98 or www.jarl.or.jp/English/4_Library/A-4-3_Contests/2004AA_Rule.htm).

IARU Region 1 Field Day--SSB--sponsored by IARU Societies, 1300Z Sep 4-1300Z Sep 5 (see June *QST*, p 98). Frequencies: 160-10 meters. For more information: www.iaru.org or IARU Region 1 society Web sites.

DARC 10-Meter Digital Contest--Digital Modes--sponsored by the Deutsche Amateur Radio Committee, 1100Z-1700Z Sep 5. Frequencies (MHz): 28.050-28.150 on RTTY, Pactor, PSK31, Amtor, Clover. For more information: www.darc.de/referate/hf/contest/dl9gs.

MI QRP Labor Day CW Sprint, 2300Z Sep 6-0300Z Sep 7 (see Jan *QST*, p 98 or www.qsl.net/miqrpclub/).

North American Sprint--CW, 0000Z-0400Z Sep 12 (see Feb *QST*, p 103 or www.ncjweb.com).

YLRL Howdy Days--CW/SSB--sponsored by the YL Radio League, 1400Z Sep 8-0200Z Sep 10, work 24 out of the 36 hour period. Exchange: YLRL Member or not. For more information: www.ylrl.org.

WAE DX Contest--SSB, 0000Z Sep 11-2359Z Sep 12 (see Aug *QST*, p 94 or www.darc.de/referate/dx).

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 (1,2,3,5,9,10,14, slow scan TV, ATV minor)

KU4AW (Extra) Ben Troughton 372-8031
bktrough@mem.quik.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)



ARRL September VHF QSO Party, 1800Z Sep 11-0300Z Sep 13 (see Aug *QST*, p 107).

Second-Class Operators Club (SOC) Marathon Sprint--CW, from 1800Z to 2400Z Sep 11. (Most sprints run four hours, but since we're Second Class Ops, we need more time!) Frequencies: 160- 10 meters.

Tennessee QSO Party--CW/Phone--sponsored by the Tennessee Contest Group, 1800Z Sep 12-0100Z Sep 13. Frequencies (MHz): CW--1.815, 3.540, 7.040, 14.040, 21.040, 28.040; SSB--1.855, 3.900, 7.240, 14.280, 21.390, 28.390; Novice/Tech--3.700, 7.130, 21.140, 28.140, 28.390; VHF/UHF--50.195, 144.195, 146.55, 223.5, 446.0. Exchange: RS(T) and TN county or S/P/C. For more information: www.k4ro.net/tcg/tqp/tqp04_rules.html.

ARRL 10 GHz Cumulative Contest, 0600 local-2400 local Sep 18-19 (see Aug *QST*, p 107).

North American Sprint--SSB, 0000Z-0400Z Sep 19 (See Feb *QST*, p 103 or www.ncjweb.com).

Scandinavian Activity Contest--CW--sponsored by Sveriges Sändareamatörer (SSA), 1200Z Sep 18-1200Z Sep 19 (Phone, 1200Z Sep 25-1200Z Sep 26). Frequencies: 80-10 meters. For more information: www.sk3bg.se/contest/text/sacnsc.txt.

Washington State Salmon Run--CW/SSB--sponsored by the Western Washington DX Club, 1600Z Sep 18-0700Z Sep 19 and 1600Z-2400Z Sep 19. Frequencies: 160-6 meters. For more information: www.wwdxc.org.

South Carolina QSO Party--Phone/CW/Digital--sponsored by the Sumter Amateur Radio Association (SARA), 1300Z Sep 18-2100Z Sep 19, 2004. Frequencies (MHz): CW--1.805 and 50 kHz from band edge, Phone--1.845, 3.860, 7.260, 14.270, 21.370, 28.370, 50.125, 144.200, 146.58, 223.50, 446.00. For more information: www.geocities.com/CapeCanaveral/2695/SCQSOWeb.htm

Mediterranean Islands Contest--CW/SSB--sponsored by the Mediterranean DX Club, from 1200Z Sep 18-1200Z Sep 19. Frequencies: 80-10 meters. For more information: www.mdxc.org/contestmia/rules.htm

QCWA Fall QSO Party--Phone/CW/Digital--sponsored by the Quarter Century Wireless Association from 1800Z Sep 18-1800Z Sep 19. Frequencies (MHz): CW--1.810, 3.540, 7.035, 14.040, 21.050, 28.050; Phone--1.910, 3.890, 7.244, 14.262, 21.365, 28.325 plus all VHF/UHF bands, no crossband or repeater QSOs. For more information: <http://qcwa.org/2004-qso-party-rules.htm>.

Fall QRP Homebrewer Sprint--CW/PSK31--sponsored by New Jersey QRP Club, 0000Z-0400Z Sep 27. Frequencies: QRP CW and PSK31 frequencies on 80-10 meters. CW and PSK31 are considered separate bands. For more information: www.njqrp.org/data/qrp-homebrewersprint.html.

QRP Afield--CW/Phone/Digital--sponsored by the New England QRP Club, 1500Z Sep 18-0300Z Sep 19, submit a log for the best 6 hr period of the contest. Frequencies: 160-10 meter QRP calling frequencies, work stations once per band and mode. For more information: www.qsl.net/wq1rpf/main.htm.

Collegiate QSO Party--CW/SSB/Digital, sponsored by the Collegiate Amateur Radio Association (CARA), 1200Z Sep 18-0400Z Sep 19. Frequencies: 160-10 meters. Categories: SO, MS, MM, packet spotting is allowed for all categories, no self-spotting. For more information: www.qth.com/collegiate/qsopartyrules.htm.

CQ Worldwide RTTY DX Contest--sponsored by *CQ Magazine* from 0000Z Sep 25-2400Z Sep 26. Frequencies: 80-10 meters. For more information: www.cq-amateur-radio.com.

Scandinavian Activity Contest--SSB--1200Z Sep 25-1200Z Sep 26 (see Sep 18-19).

Tesla Cup--CW/SSB--sponsored by the Tesla Contest Club from 0000Z Sep 25 - 2400Z Sep 25 (CW) and 0000Z Sep 26 - 2400Z Sep 26 (SSB). Frequencies: 160 - 10 meters. For more information: www.computeradio.us/TeslaCup.htm

Arkansas QSO Party--CW/SSB/PSK31--sponsored by K1ARK, from 1400Z Sep 25-0600Z Sep 26 and 1800Z Sep 26-0200Z Sep 27. Frequencies (MHz): CW--3.550, 7.050, 14.050, 21.050, 28.050; Phone--3.980, 7.260, 14.260, 21.360, 28.360, 145-147; PSK--3.580, 7.070, 14.070, 21.080, 28.120. For more information: www.arkan.us.

Texas QSO Party--CW/Phone/Digital--sponsored by Northwest Amateur Radio Society (NARS), 1400Z Sep 25-0200Z Sep 26 and 1400Z-2000Z Sep 26. Frequencies (MHz): CW--40 to 60 kHz above bottom of band, Phone--25 kHz above edge of General segments and 28.300-28.500, VHF--50.2, 144.2. For more information: www.txqp.org.

Alabama QSO Party--CW/Phone--sponsored by the Central Alabama HF/VHF Contesting Club, 1800Z-2400Z Sep 27. Frequencies: 160-70 cm, SSB, CW, and FM contacts count separately. For more information: <http://web.dbtech.net/~dxcc/page0004.htm>.

Classic Exchange (CX), 1300Z Sep 26-0700Z Sep 27, concurrent with AM International AM Discovery Weekend whose QSOs count for CX score. Frequencies (Mc): CW: 1.810, 3.545, 7.045, 14.045, 21.135, 28.180, AM: 1.890, 3.880, 7.290, 14.286, 21.420, 29.000, SSB: 3.870, 7.280, 14.270, 21.370, 28.490. For more information: <http://qsl.asti.com/CX>.

PSK Rumble (The Fall Classic)--sponsored by Troy ARA, 0000Z-2400Z Oct 2. 80-6 meters. For more information: www.n2ty.org/seasons/tara_rumble_rules.html.

Oceania DX Contest--supported by the Wireless Institute of Australia (WIA) and New Zealand Association of Radio Transmitters (NZART), Phone 0800Z Oct 2-0800Z Oct 3 (CW is 0800Z Oct 9-

0800Z Oct 10). Frequencies: 160-10 meters, work VK/ZL/Oceania stations only. For more information: www.oceaniadxcontest.com.

EU Autumn Sprint--SSB, sponsored by the EU Sprint Gang, 1500Z-1859Z Oct 2 (CW is 1500Z-1859Z Oct 9). Frequencies: 80-20 meters, stations outside EU work EU stations only. For more information: www.qsl.net/eusprint.

California QSO Party--CW/SSB, sponsored by the Northern California Contest Club, 1600Z Oct 2-2200Z Oct 3. Frequencies: 160-2 meters. For more information: www.cqp.org.

RSGB 21/28 MHz Contest--SSB, sponsored by the RSGB, 0700Z-1900Z Oct 3 (CW is 0700Z-1900Z Oct 17). Frequencies: 15 and 10 meters (see Web site for band plan), work UK stations only. For more information: www.rsghfcc.org.

ARRL International EME Contest, 0000Z Oct 9-2400Z Oct 10, 50-1296 MHz (see September *QST*, p 98 for new rules).

YLRL Anniversary Party--CW, sponsored by the YLRL, 1400Z Oct 6-0200Z Oct 8 (phone Oct 13-Oct 15). Frequencies: 160-10 meters. For more information: www.qsl.net/ylrl/ylcontests.html.

10-10 Day Sprint--Phone/CW/Digital, 0001Z-2400Z, Oct 10. One QSO per station, regardless of mode. Logs due Oct 25 (see August *QST*, p 94 or www.ten-ten.org).

Oceania DX Contest--CW, 0800Z Oct 9-0800Z Oct 10 (see Oct 2-3).

EU Autumn Sprint--CW, 1500Z-1859Z Oct 9 (see Oct 2-3).

Pennsylvania QSO Party--CW/Phone, sponsored by the Nittany ARC, 1600Z Oct 9-0500Z Oct 10 and 1300Z-2200Z Oct 10. Frequencies (MHz): CW--1.810 and 40 kHz above band edge; Phone--1.850,

3.980, 7.280, 14.280, 21.380, 28.480; Novice/Tech-10 kHz above edge of segment; mobiles 5 kHz below the listed frequencies. For more information: www.nittany-arc.net/paqso.html.

FISTS Fall Sprint--CW, 1700Z-2100Z Oct 9 (see February *QST*, p 103 or www.fists.org).

North American RTTY Sprint--sponsored by the *National Contest Journal*, 0000Z-0400Z Oct 10. Frequencies 80-20 meters. North American stations work everyone; others work NA stations only. For more information: www.ncjweb.com.

SPECIAL EVENTS

Brasilia, Brazil: The Brazilian Amateur Radio Historical Archive, ZX35O. **Aug 18-Sep 16.** 35th anniversary of the first amateur radio call sign. SSB and CW, all bands. QSL. via bureau or direct to: Orlando Perez Filho, PT2OP, Shigs 706, Bloco 1, Casa 22, 70350-762 Brasilia, Brazil. pt2op@hotmail.com.

Various, England: Royal Signals Amateur Radio Society, GB6LOP. 0700Z **Aug 28-2359Z Sep 22.** 60th Anniversary of the Liberation of Paris 1944. 21.070 21.056 14.070 14.056. QSL. Mike Humphrey, G0SWY/KF4OFR, 4 Bluebell Rd, Bassett Southhampton, Hampshire, England SO16 3LQ. www.rsars.org.uk.

Hebron, CT: NARL, W1H. 1600Z **Sep 9-0200Z Sep 12.** Amateur Radio promotion for the general public. 28.385 21.350 14.260 7.235. Certificate. Ronald F. Cady, 110 Four Mile Rd, West Hartford, CT 06107. www.narl.net.

Rochester, MN: Rochester Amateur Radio Club, W0U. 0000Z **Sep 9-0000Z Sep 20.** Rochester MN Sesquicentennial. 28.380 21.380 14.280 7.280. QSL. W0U Rochester 150, c/o Chuck Gysi, N2DUP, PO Box 142, Rochester, MN 55903-0142. www.RARChams.org.

Findlay, OH: Findlay Radio Club, W8F. 2200Z **Sep 10-1900Z Sep 12.** 65th Annual Findlay Hamfest.

147.15/75 14.300 7.250. QSL. Bill Gaines, 624 S Main St, Bluffton, OH 45817.

West Alexander, PA: Washington Amateur Communications, WA3COM. 2200-0300Z daily **Sep 10-Sep 12.** West Alexander Fair. 21.300 14.250 7.275 3.975. QSL. Ed Oelschlager, N3ZNI, 60 Carl Ave B-2, Eighty Four, PA 15330.

Boulder, CO: Boulder Amateur Radio Club Kids Auxiliary, K1D. 1600Z-2200Z **Sep 11.** BARC/JR has been getting young hams on the air for 11 years! 21.310 14.310 7.310. Certificate. Richard Weingarten, 1133 Northridge Dr, Erie, CO 80516.

Hermitage, MO: Old Hickory ARC, K0A. 1300Z-2100Z **Sep 11.** Hermitage Fall Festival. 18.115 3.963 147.180 147.060. Certificate. Richard E. Hut KC0FDF, PO Box 96, Wheatland, MO 65779.

North Judson, IN: Starke County Amateur Radio Club, W9JOZ. 1300Z-2100Z **Sep 11.** Hoosier Valley Railroad Museum Open House. 14.240 7.240. QSL. Starke County ARC, 405 W Jackson St, Knox, IN 46534.

Roanoke, VA: Roanoke Valley Amateur Radio Club, W4CA. 1400Z-2100Z **Sep 11.** Commemorating N & W Steam Locomotives. 14.260 7.260. QSL. Ray Crampton, 1670 Catawba Rd, Troutville, VA 24175.

Plattsburgh, NY: Champlain Valley Amateur Radio Club, W2UXC. 1300Z-1600Z and 1900Z to 2100Z **Sep 11.** The Battle of Plattsburgh Commemorative Weekend. ±14.270. Certificate. CVARC W2UXC, PO Box 313, Morrisonville, NY 12962.

Governors Island, NY: Kings County Repeater Association and The Metropolitan 222 Amateur Radio Society, KC2RA. 1500Z-2000Z **Sep 11.** September 11th Memorial Station. 28.340 21.340 14.250 7.250 possible VHF/UHF. QSL. Edward Madison, W2SN, 7004 12th Ave, Brooklyn, NY 11228-1404. maded@mindspring.com.

Decatur, IL: Macon County ARES, K9MCA. 0900Z **Sep 11**-1600Z **Sep 12**. Special Olympics Weekend. 21.350 14.280 7.275. Certificate. Don Wright, 134 N Westdale Pl, Decatur, IL 62522.

Henri-Chapelle, Belgium: GDV Group (Club Station ON4GDV), ON60USA. 0800Z **Sep 11**-1800Z **Sep 12**. From the WWII American Military Cemetery, honoring the memory of all men who gave their lives in WWII. 21.250 14.205 14.044 7.044. QSL. Groupe-ment Radio-Amateur de Verviers, Rue des Prairies, 8, Verviers, Belgium B-4800. www.qsl.net/on4usa.

New York City, NY: New York City Transit Amateur Radio Club, K2IRT. 1000-2200Z daily **Sep 11** and **Sep 12**. Centennial Celebration of the New York City Subway 1904-2004. 28.325 21.340 14.250 7.240. Certificate. Robert Lobenstein, NYCT-ARC, 333 W 53rd St, New York, NY 10019. roloben@nyct.com

Brooklyn, NY: Kings County Repeater Association, KC2RA. 1300Z-1900Z **Sep 12**. September 11th Memorial Station from Owls Head Park. 28.340 21.340 14.250. QSL. KCRA, PO Box 285, Brooklyn, NY 11228. Rain date is September 19, 2004. kc2ra.org/special.htm.

Alexandria, MN: Runestone ARC, W0W. 1100Z **Sep 13**-2300Z **Sep 24**. Kensington Runestone Discovery. 21.070 14.250 14.050 7.200. Certificate. Bill Klundt, 509 Pine St S, Sauk Centre, MN 56378.

Big Rock, IL: DeKalb County Amateur Radio Operators, W9P. 1300Z **Sep 15**-2100Z **Sep 20**. 110th Annual Big Rock Plowing Match. 28.390 7.245 14.275 7.115 CW. Certificate. Bob Yurs, W9ICU, PO Box 341, Sycamore, IL 60178. www.w9icu.com.

Mena, AR: Ouachita Amateur Radio Association, W5HUM. 1300-2000Z daily **Sep 17** and **Sep 18**. Lum'n Abner radio program and 100th anniversary of museum building. 21.300 14.250 7.235 3.895. QSL. OARA, 268 Polk 36, Hatfield, AR 71945.

Freedom Township, OH: Portage Amateur Radio

Club, KB8UUZ. 2100Z **Sep 17**-0200Z **Sep 20**. National POW/MIA Awareness Day. 28.375 21.375 14.235 7.245. Certificate. Tom Parkinson, 9992 State Route 700, Mantua, OH 44255.

Bennington, VT: Southern Vermont Amateur Radio Club, N1B. 1300Z **Sep 18**-1700Z **Sep 19**. Bennington Antique Car and Motorcycle Show. 14.285. Certificate. Ken Lanoue, KB1GSZ, 30 East St, Bennington, VT 05201. www.classypages.com/sovarc/.

Sardinia, OH: USS *Jurassic* Star Trek and Amateur Radio Club, W8J. 1400Z-2100Z **Sep 18**. Tenth Anniversary of the USS *Jurassic* club. 14.280 gen portion 40/20/15m. Certificate. Carolyn Donner, PO Box 158, Hamersville, OH 45130. www.qsl.net/k8ssj.

Slidell, LA: Ozone Amateur Radio Club, W5SLA. 1300Z-1000Z **Sep 18**. 40th Birthday of the Ozone Amateur Radio Club. 14.250 14.035 7.240. QSL. Ozone Amateur Radio Club, PO Box 553, Slidell, LA 70459.

Butler, PA: Butler County Amateur Radio Association, W3UDX. 1300Z-1800Z **Sep 18**. Birthday of the Jeep. General bands 80 to 10. QSL. BCARA, PO Box 1787, Butler, PA 16003.

Luray, VA: Richmond Amateur Radio Club, K4R. 1000Z **Sep 18**-1600Z **Sep 19**. Richmond Amateur Radio Club Fall Expedition Event. 14.245 7.245 3.845 144.190 50.190. QSL. Richmond Amateur Radio Club Fall Expedition Event, PO Box 35279, Richmond, VA 23235. www.rarclub.net.

Waterloo, AL: Muscle Shoals Amateur Radio Club, W4JNB. 1400Z **Sep 18**-0200Z **Sep 19**. Commemorating the 1838 Indian "Trail of Tears" in SE USA. 21.360 14.260 7.260 3.860. Certificate. MSARC, PO Box 3782, Muscle Shoals, AL 35662.

Fredricksburg, TX: North Texas Renewable Energy Group ARC, W5S. 0000Z **Sep 23**-2359Z **Sep 26**. Club will operate a solar powered station at TRE Roundup. 28.400 21.320 14.270 7.260. Certificate.

Greg Hall, 18011 Old Preston Ct, Dallas, TX 75252. grantarc.com

Lancaster, PA: Lancaster Area Amateurs, WA3WSJ. **Sep 24-Sep 26.** Keystone International Balloon Festival. SSB and CW 80 40 20 15m PSK31. QSL. Edward R. Breneiser, WA3WSJ, 775 Moonflower Ave, Reading, PA 19606-3447. www.wa3wsj.com/files/WA3WSJevents.html

Eldon, MO: Lake of the Ozarks Amateur Radio Club, W0W. 1600Z-2200Z **Sep 25.** Early Days Power and Tractor Show. 28.400 21.340 14.240 7.240. Certificate. John Baremore, KC0CRO, 182 Bear Paw Cr, Camdenton, MO 65020.

Otsego, MI: Allegan County Amateur Radio Club, KC8ITU. 1200Z-1700Z **Sep 25.** 17th Annual Art Festival. 21.335 14.235 7.235. Certificate. ACARC, David Catalano, N8KQS, 3324 Pine Tree Dr, Allegan, MI 49010.

West Chester (Cincinnati), OH: West Chester Amateur Radio Association, WC8VOA. 1200Z-2400Z **Sep 25.** 60th Anniversary of Voice of America-Bethany Dedication. 28.305 21.305 14.275 7.275. QSL. WC8VOA, PO Box 913, West Chester, OH 45071. <http://www.wc8voa.org/>

Springfield, IL: Sangamon Valley Radio Club, W9DUA. 1600Z **Sep 25-2000Z Sep 26.** 3rd Annual International Route 66 Mother Road Festival. 14.280 14.250. QSL. Sangamon Valley Radio Club, 1025 S Sixth Street, Springfield, IL 62703. www.w9dua.com.

Tulsa, OK: Tulsa Amateur Radio Club, W5IAS. **Sep 25.** From Chandler Park, celebrating 80 years of service to the Tulsa area Amateur Radio community. 10 15 20m. Certificate. Tulsa ARC, 3701 Stevens Ave, Sand Springs, OK 74063. www.w5ias.com

Fairmount, IN: Grant County Amateur Radio Club, W9EBN. 1500Z-2200Z **Sep 25.** James Dean Country Where Cool Was Born and Car Show. 146.79 28.430 14.243 7.244. Certificate. L. B. Nickerson, 517 N Hendricks Ave, Marion, IN 46952. www.w9ebn.com

Milton, ON, Canada: Mississauga Amateur Radio Club, VC3HCR. 1400-2000Z daily **Sep 25** and **Sep 26.** 50th Anniversary of Halton County Radial Railway Museum. 28.480 21.315 14.240 7.227. Certificate. MARC, c/o Michael Brickell, VE3TKI, 2801 Bucklepost Cres, Mississauga, ON L5N 1X6 Canada. www.marc.on.ca. Non-Canadians, send 2 IRCs or Green Stamps to cover postage.

Springfield, MO: Southwest Missouri Amateur Radio Club, W0EBE. 1500Z-2300Z **Sep 25.** Vote for your favorite grilled picnic meat! 14.300. Certificate. Erik Weaver, N0EW, 4857 E Farm Rd 136, Springfield, MO 65809. www.smarc.org/k0g/

Alexandria, MN: Runestone ARC--W0ALX, W0W. 1100Z **Sep 13-2300Z Sep 24.** Kensington Runestone Discovery. 21.070 14.250 14.050 7.200. Certificate. Bill Klundt, 509 Pine St S, Sauk Centre, MN 56378.

Butler, PA: Butler County Amateur Radio Association, W3UDX. 1300Z-1800Z **Sep 18.** Birthday of the Jeep. General bands 80 to 10. QSL. BCARA, PO Box 1787, Butler, PA 16003.

Fredricksburg, TX: North Texas Renewable Energy Group ARC, W5S. 0000Z **Sep 23-2359Z Sep 26.** Club will operate a solar powered station at TRE Roundup. 28.400 21.320 14.270 7.260. Certificate. Greg Hall, 18011 Old Preston Ct, Dallas, TX 75252.

Fairmount, IN: Grant County Amateur Radio Club, W9EBN. 1500Z-2200Z **Sep 25.** James Dean Country Where Cool Was Born and Car Show. 146.79 28.430 14.243 7.244. Certificate. L. B. Nickerson, 517 N Hendricks Ave, Marion, IN 46952. www.grantarc.com

West Chester (Cincinnati), OH: West Chester Amateur Radio Association, WC8VOA. 1200Z-2400Z **Sep 25.** 60th Anniversary of Voice of America-Bethany Dedication. 28.305 21.305 14.275 7.275. QSL. WC8VOA, PO Box 913, West Chester, OH 45071. wc8voa.org.

Macon, GA: Macon-Bibb Emergency Management Agency Volunteers and Exchange Club of Macon,

W4G. 1600Z **Oct 1**-2400Z **Oct 2**. Celebrating the 149th year of the Georgia State Fair. 14.255 7.255. Certificate. Jeff Amerson, Exchange Club of Macon, PO Box 13571, Macon, GA 31208.

Anamosa, IA: Jones County Amateur Radio Club, N0CWP. 1300Z-1700Z **Oct 2**. 16th Annual Anamosa Pumpkinfest and Weigh-Off. 14.260. Certificate. Jim McClintock, 301 Vine St, Morley, IA 52312.

Middletown, RI: Newport County Radio Club, W1SYE. 1400Z **Oct 2**-2100Z **Oct 3**. Norman Bird Sanctuary Harvest Fair--emphasis on youth. 21.350 14.285 14.071 7.260. Certificate. Newport County Radio Club, Box 3103, Newport, RI 02840. www.qsl.net/w1sye/.

Wallingford, CT: Meriden Amateur Radio Club, W1NRG. 1600Z **Oct 2**-2200Z **Oct 3**. "Celebrate Wallingford" CT town festival. 28.375 21.375 14.275 7.275. Certificate. Jim Savage, N1ZN, 19 Broadview Dr, Wallingford, CT 06492-3349. www.meridenarc.org.

Youngstown, OH: Mahoning Valley Amateur Radio Association, W8QLY. 1300Z-2200Z **Oct 3**. Boardman Oktoberfest. 28.450 21.350 14.250 7.250. QSL. Mahoning Valley ARA, PO Box 2950, Youngstown, OH 44511.

Prince Albert, SK, Canada: Northern Saskatchewan Amateur Radio Club, CG5EEE. 0000Z **Oct 3**-2359Z **Oct 16**. City of Prince Albert's Centennial. 21.220 14.220 7.220 3.720. Certificate. NSARC, c/o 532 - 26 St W, Prince Albert, SK, Canada S6V 4R5. US hams include \$2 for certificate requests.

Jefferson, OH: Ashtabula County Amateur Radio Club, K8CY. 1400Z **Oct 8**-2100Z **Oct 9**. Ashtabula County Covered Bridge Festival. 28.460 21.360 14.260. Certificate. ACARC, 722 Lyndon Ave, Ashtabula, OH 44004. <http://acoc.ashtabula.net/radio/>

Ellijay, GA: Ellijay Amateur Radio Society, W4A. 2200Z **Oct 8**-0200Z **Oct 18**. 23rd Annual Apple

Festival, Ellijay, Gilmer Co, GA. SSB & CW General bands 80 40 20 15 10 m and 1800-1900 kHz. Certificate. Ellijay Amateur Radio Society, PO Box 1371, East Ellijay, GA 30539. www.qsl.net/w4hhh/.

Canon City, CO: Royal Gorge Amateur Radio Club, KB0TUC. 1800Z-2100Z **Oct 9**. From the world's highest suspension bridge. 14.260. Certificate. Chuck Ward, N0CA, 1011 Harrison St, Canon City, CO 81212. www.qsl.net/rghc.

Forest, VA: Lynchburg Amateur Radio Club, N4J. 1400Z-2200Z **Oct 9**. Thomas Jefferson's summer retreat. 28.365 21.365 14.265 7.265. QSL. Ed Narwid, W4OAF, 1799 Otterhill Rd, Bedford, VA 24523.

Gastonia, NC: Gaston County Amateur Radio Society, N4GAS. 1600Z-2200Z **Oct 9**. 20th anniversary Charlotte Area SKYWARN Net. 145.35 14.260 7.260. Certificate. John Covington, W4CC, PO Box 1604, Belmont, NC 28012. www.n4gas.org.

Lake Placid, NY: Northern New York ARA, N2Y. 1400Z-1900Z **Oct 9**. NNY Section Hamfest/ Convention. 14.265 14.060 10.110 7.245. Certificate. Richard Sherman, 25 Pines Rd, Malone, NY 12953.

Nowhere, KS: Douglas County Amateur Radio Club, W0UK. 1400Z-2100Z **Oct 9**. Operating from southern terminus of Midland Historical Railway. 28.365 21.365 14.244 7.244. Certificate. Kenneth Blair, KC0GL, 1711 W 19th Terr, Lawrence, KS 66046.

Robbinsville, NC: Smoky Mountains Amateur Radio Team, N4GSM. 1400Z-2000Z **Oct 9**. Anniversary of the opening of Cherohala Skyway. 14.242 7.242. Certificate. SMART, PO Box 517, Robbinsville, NC 28771. <http://main.nc.us/graham/smart/>.

Shady Valley, TN: Johnson County Amateur Radio Club, K4C. 1300Z-1900Z **Oct 9**. 14th Annual Cranberry Festival. 7.250. Certificate. JCARC, PO Box 155, Trade, TN 37691.

TREASURER'S REPORT

TREASURER'S REPORT August 2004

Date: 31-August-04

Beginning Balance \$6,,251.52

INCOME

Food Sales & Misc. \$13.00

TOTAL INCOME \$13.00

EXPENSES

Ned Savage (supplies) \$13.00

Seabury & Smith (insurance)\$341.00

Seabury & Smith (insurance)\$325.00

University of Memphis \$22.94

TOTAL EXPENSES \$701.94

Ending Balance \$5,562.58

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

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**Delta Amateur Radio Club
P.O. Box 750482
Memphis, TN 38175-0482**

2004 Board of Directors

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Ned Savage, KA4BLL
901-682-8716 (ka4bll@arrl.net)

-

Vice President

Bill Covington, KC4SXT
901-373-6262 (kc4sxt@arrl.net)

-

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Tommy Thompson, KD4TJO
901-743-1949 (kd4tjo@arrl.net)

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(wtork@aol.com)

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901-386-6268 (k4tta@arrl.net)

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901-497-4132 (paulsonrj@bellsouth.net)

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901-294-2540 (jbutler@bigriver.net)

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Director of Meetings and Special Events

Thomas LcLemore, KG4EOV
901-386-8748 (troyjr@bellsouth.net)

-

Repeater Trustee

Gary Blinckmann, WA2IQC
901-794-5289 (garyblin@midsouth.rr.com)

-

Past President

Randy VanVoorhis, W4RMV
901-384-0487 (w4rmv@arrl.net)