

DELTA AMATEUR RADIO CLUB

SPARKS

P.O. BOX 750482 MEMPHIS, TN 38175-0482 / VOL. 16 / MAY, 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 & 145.03 packet

PRESIDENT'S CORNER

To all of the Delta Amateur Radio Club Members:

I want to thank all those who participate by calling our nightly nets, and also thank all those who check in and anyone who passes traffic. Communication is the main activity and through practice we can all become proficient doing it. We may need this skill in times of emergencies.

73, Ned Savage, KA4BLL

Publisher's Note

Here is our second email version of Sparks prepared for distribution. Using the PDF format allows you to increase your options for submittals to the newsletter. So, if you have a ham related graphics file such as a picture of your antenna, your station, or of something else that would be of interest to the membership, please submit them to me as an attachment, and I'll use it.

73, Roger K4KCU

MAY 2004 CLUB MEETING

DATE: May 11, 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

Please Remember: Deadline for Reports and Articles for the next issue of SPARKS is Friday, May 28th. 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

**Delta Amateur Radio Club
Board Meeting Minutes
April 6, 2004**

Meeting called to order at 7:11 pm by Ned, KA4BLL

Old Business:

Bill, KG4VAW presented the treasurer's report. There was one question about the phone charges on the 443.2 site and if we are going to get a refund on payments made for the time that the phone line has not been available due to site construction. Tommy, KD4TJO advised that as he understands it, Suresh, N9GSA is still working with his contacts to get the phone service restored to the site. After the line is restored, he will then pursue getting credit for all the months that the service was unavailable.

Tom, K4TTA made a motion that the board minutes from March be approved as published in last month's SPARKS newsletter. With a second from Tom, KG4EOV the motion passed unanimously.

Tom, K4TTA discussed the Scout Base project this year and pointed out that MARA was also going to participate. He suggested a joint meeting between the two clubs to plan for the event. Ned, KA4BLL noted that it probably wasn't necessary as most MARA members were also Delta Club members. Tom also requested that since the meeting earlier this year with Ron from ICOM was such a success, that we ask Ron to make his visit an annual one. The board agreed.

Roger, K4KCU said that he was still tweaking the new format for SPARKS but had a tentative copy available for the board to view. He said that the finished product should be in the mail by the weekend and the full version will be emailed to the new club Yahoo group and posted on the website.

New Business:

Tom, K4TTA noted that he has heard several folks on the repeaters regularly who are not members of the

club. While our repeaters are "open" repeaters, Tom suggested that we make note of these individuals and have Tommy send them a letter inviting them to join the club.

Bill, KC4SXT advised that there will be a slight increase in the jackets than originally expected. The jacket cost to members will be approximately \$50 for standard size jackets. Larger sizes may be slightly higher.

Meeting adjourned at approximately 8:15 pm.

Respectfully submitted:

Tommy Thompson - 2004 Secretary

**Delta Amateur Radio Club
Membership Meeting Minutes
April 13, 2004**

President Ned Savage, KA4BLL called the March General Membership Meeting for the Delta Amateur Radio Club to order at approximately 7:09 pm local time with 45 members and guests present.

After the normal introductions of all present, Bill, KC4SXT presented Randy, W4RMV with his black club jacket. This is customary for all past Presidents.

Ned, KA4BLL asked if everyone received the newsletter either by mail, email or from the club website. Most in attendance had received the mailed version. Ned mentioned that Ray, AA4UK had emailed the board to propose changing the format of the newsletter from the columnar newspaper type format to a full width format that would read easier on the website. This will be taken into consideration.

There was a motion made and seconded to accept the minutes as published in the newsletter. Motion passed.

Bill, KG4VAW presented the treasurer's report as it was published in the newsletter. There are at least two more deposits that need to be added to the report,

therefore approval of the report will be made next month after the additional deposits have been made, one for jacket sales and the other for the seed money returned from DixieFest.

Old Business:

Lance, N4GMT questioned the March board minutes as published in the SPARKS where the board voted to publish the light version of the newsletter to be mailed with the full version available electronically. He said that he thought the membership had voted to go completely electronic at the previous meeting. Ned, KA4BLL stated that that was true but the board had gotten several complaints from members that weren't at the meeting that wanted to continue getting SPARKS in the mail. This process started with last year's board but never was followed through due to the absence of a newsletter.

Lance also questioned why the club provided seed money to DixieFest as he did not see it in the board minutes. Ned also pointed out that this was voted on last November under the 2003 board and that the expenditure was made in January. Lance stated that he did not recall voting on it last year.

Ned asked Ben, KU4AW for a report on DixieFest and Field Day 2004. Ben thanked the club for the seed money and stated that it had been returned to the club at last month's DixieFest meeting. After all expenses have been paid, DixieFest made a profit of approximately \$2000. All participating clubs have voted to return their profits back to DixieFest in hopes that there might not be a need for seed money next year.

Field Day 2004 will be held on June 26-27 at Freeman Park in Bartlett. Ben sent around a sign up sheet for those that want to work the event. Especially need help for setup and teardown but also for working the stations. Ben is planning on working as a 3A station this year with two HF phone stations (one for the contesters and one for more casual contacts) plus a CW station, VHF/UHF, GOTA, digital and satellite. Ned asked all members

present to at least make a tentative commitment to help at Field Day.

Ned stated that we have been a little lax in our net managing duties last year and this year to date. Lance had filled the position briefly to try and help out but we are now fortunate to have Darrell, KE4DHF to volunteer to head this very important position. Darrell needs net controls and alternates for each night of the week. He will also send out a new preamble to all net control stations soon. He plans to compile reports of number of check-ins as well as NTS Traffic passed for the ARRL.

New Business:

Ray, N4ARH reported some members with illness. Jim, WD8JAO has been diagnosed with cancer and is undergoing treatment for that. Rick, KE4NTI's YL Debbie, took a serious fall from atop a horse and shattered her wrist and fractured her pelvis and is undergoing surgery at Baptist East with hopes of going home this weekend. Marshal, KU4O's YL recently underwent a joint replacement surgery. We would like to ask all members to keep these folks in our thoughts and prayers.

Roger, K4KCU reports that he is making the transition to the electronic newsletter. Previously it was costing \$200+ to print and mail the newsletter each month. This month's "lite" version cost only \$30 plus one ream of paper.

Ray, N4ARH pointed out that we should put printed copies of SPARKS at Radio Shack. MARA's Zero Beat newsletter is there but ours is not. Joe Lowenthal mentioned that the Treasurer's report could be removed if that was a problem but Ned noted that we are a public corporation and that information is public record anyway so it shouldn't be a problem.

Tom, K4TTA asked if anyone had an interest in a class to let him know. He noted that the General question pool will change in July. Ned said that he

has had two inquiries about classes.

Bill, KC4SXT reported that the latest order for jackets was in and he will start another order soon. He asked how many would like hats or polo style shirts.

Gary, WA2IQC reported on the progress of the new 147.36 repeater. He's still working on it and looking for a few parts necessary to finish. He will be ready to complete the project at the site in another month or two. The 443.2 repeater is back on the air and sounding good. It still needs to have the antenna raised above the new roof but that will have to wait for better weather and procuring some new heliax. Bob, KF4NDH asked if the .36 repeater would remain at Methodist North and Gary said that it probably would. Some of the interference problems were probably caused by the antenna being blown down on it's side and getting full of water. This has been corrected and once the new repeater is up there, it will be much cleaner than the equipment that is currently in use.

Tommy, KD4TJO again asked for volunteers to help with the March of Dimes WalkAmerica on April 17. It will be at Plough Park for the first time this year and should be much more accessible for club members than having to go to the Fairgrounds as in years past. Tommy also mentioned that in preparation for emailing the SPARKS newsletter, he created a Yahoo Group email list for this purpose and sent invitations to all club members with email addresses to allow them to sign up for the electronic version. Out of approximately 140 invitations sent, only 55 people have signed up for the electronic newsletter by email. Ned thanked Tommy for a good job at coordinating communications for the MS Walk last week.

Gary, WA2IQC also said that he had a bunch of 12 volt 5 amp hour gel cell batteries in his car if anyone wanted some after the meeting.

After a short break, Tom, K4TTA presented the program on "Quick and Dirty Antennas."

The door prize was won by Aubry, KG4YZW.

Meeting adjourned at approximately 8:25 pm.

Respectfully submitted:

Tommy, KD4TJO

Secretary

VEC REPORT

Present at the April meeting to help with the testing session were the following VE's: Arlene AA5GX; Dick K3ORS; Ned KA4BLL; Ray N4ARH; and Richard AI4BN. We had 6 persons take 11 elements and earned 2 technician and 2 extra class licenses.

Congratulations to the following:

Roger Davis - KE5BAI - Tech with H/F

Thomas Hall - WB4VYB - Extra Class

David Royer - KI4FCU - Technician

Darrell Sheffield - KE4DHF - Extra Class

Our candidates came from: New Albany, Ms - Helena, Ar - Memphis, Tn - and Millington, Tn x2. It always amazes me how far people travel to come to one of sessions. It is worthy noting that if you are late arriving, and we still have 3 VE's available and willing to miss the meeting, we will test. This is especially true for those traveling from a distance and perhaps having got tied up in traffic or having thought that there was testing elsewhere and no one showing up.

See you May 11th.

Joan KN4PM , ARRL VE Liaison

**FROM THE
ARRL WEBPAGE**

**ARRL CALLS ON WHITE HOUSE TO
WITHDRAW SUPPORT FOR BPL**

ARRL President Jim Haynie, W5JBP, has appealed to President and fellow Texan George W. Bush to withdraw his support for broadband over power line (BPL) technology and focus on "more suitable technologies" such as wireless broadband. The League this week also issued a call for members to support Haynie's request. In an April 26 speech at the Minneapolis convention of the American Association of Community Colleges, Bush advocated changing technical standards to encourage BPL deployment in the US. Haynie told Bush that while the League supports universal and affordable broadband access, BPL is the wrong direction to take.

"Power lines were designed to transmit energy," not broadband signals, Haynie said in a fax. "The broadband signals radiate from power lines and cause severe interference to radio reception."

Haynie said test sites throughout the US and elsewhere have amply demonstrated BPL's potential to interfere. "You may have been told otherwise; if so, you were misinformed," he said, directing the president's attention to the BPL page on the ARRL Web site <<http://www.arrl.org/bpl>>.

Bush this week told the community colleges gathering that there need to be technical standards to enable new broadband technologies such as high-speed communication over power lines. "Power lines were for electricity; power lines can be used for broadband technology," Bush said. "So the technical standards need to be changed to encourage that."

"Once deployed," the president declared, "BPL has the potential to turn every electrical outlet into a broadband pipeline." Bush also suggested that BPL could supply broadband services to rural dwellers, a prospect that the League and others claim is not

economically feasible.

"BPL is sometimes touted as a solution for rural areas," said ARRL CEO David Sumner, K1ZZ. "It is not." Sumner explained that BPL signals carry only a few thousand feet down a power line and then must be repeated. "This requires a lot of hardware and will not be economical in areas with low population densities."

Bush also praised FCC Chairman Michael K. Powell and "his decision to eliminate burdensome regulations on new broadband networks' availability to homes." He also called for opening up more spectrum to make wireless broadband "more accessible, reliable and affordable" and for no taxes on broadband access.

In its BPL Notice of Proposed Rule Making (NPRM) in ET Docket 04-37, the FCC has proposed amending its Part 15 rules to adopt new requirements and measurement guidelines for so-called "Access BPL" systems. The comment deadline is Monday, May 3; reply comments are due by June 1.

In direct response to the Bush speech, the ARRL is asking its members to support Haynie's request for the White House to withdraw its support for BPL technology. "Using power lines to distribute broadband services is a bad idea that should not be encouraged," said Sumner. "It is important for radio amateurs to get the facts across to the White House as well as to our Congressional representatives and senators."

The ARRL Web site provides an information package <<http://www.arrl.org/tis/info/HTML/plc/cta/>>. It explains how members can contact the White House and members of Congress to express their views on BPL deployment.

"Do it now!" Sumner urged. "We need thousands of responses from all parts of the country, right away, if we are to make an impression."

For additional information, visit the ARRL's "Broadband Over Power Line (BPL) and Amateur Radio" page <<http://www.arrl.org/bpl/>>.

NEW CREW SETTLING IN ABOARD SPACE STATION

After some six months living aboard the International Space Station, the Expedition 8 crew of Mike Foale, KB5UAC, and Alex "Sasha" Kaleri, U8MIR, have returned safely to Earth. Foale and Kaleri spent nearly 195 days in space--making theirs the second longest ISS expedition. The Expedition 9 replacement crew of Mike Fincke, KE5AIT, and Gennady Padalka, RN3DT, arrived April 21 via a Russian Soyuz vehicle and now is settling in aboard the ISS. During their six-month duty tour, Padalka, 45, will serve as Expedition 9 commander, while Fincke, 36, will be the NASA ISS science officer and flight engineer.

A change-of-command ceremony aboard the space outpost April 26 marked the passing of the baton from Foale to Padalka, but NASA says command officially shifted April 29 when the hatches between the ISS and the Soyuz spacecraft closed.

Accompanying Fincke and Padalka aboard the Soyuz "taxi" flight to the ISS was European Space Agency (ESA) astronaut André Kuipers, PI9ISS, of the Netherlands. While aboard the ISS, he conducted experiments under a joint agreement between the ESA and Russia. Kuipers was aboard the earthbound Soyuz return flight with Foale and Kaleri, which arrived in the Kazakhstan steppes early on April 30 (UTC).

Foale now has accumulated more time in space than any US astronaut. Including this mission, a 1997 tour aboard the Russian Mir space station and four shuttle missions, he has logged nearly 374.5 days in space. Foale, Kaleri and Kuipers will travel to Star City, Russia, where they will remain for mission and medical debriefings. Foale is expected to return to

Houston in mid-May.

While aboard the ISS Kuipers conducted two successful Amateur Radio on the International Space Station (ARISS) school group contacts with schools in his native country. On April 24, he answered questions posed by students gathered at Space Expo in Noordwijk, the Netherlands. The following day, Kuipers spoke with youngsters from three schools--Saltoschool Hanevoet in Eindhoven, Sint Joriscollege and the Eindhoven Technical University. The university's Amateur Radio club station PI4TUE hosted the event. Both contacts were conducted in Dutch.

ISS crew members also learned last week that another of the ISS's three control moment gyroscopes (CMG) had failed. NASA says the CMGs use power from the solar arrays to control the station's orientation. The two CMGs still operating are the minimum needed to control the ISS without resorting to other means. NASA says a space walk will be scheduled within the next month to correct the problem.--some information from NASA and from Gaston Bertels, ON4WF

LOGBOOK OF THE WORLD TO INAUGURATE DXCC CREDITS SYSTEM MAY 5

The ARRL's Logbook of the World (LoTW) <<http://www.arrl.org/lotw>> secure contact database debuts its DXCC credits system Wednesday, May 5. As of week's end, the credits system was undergoing some final testing. ARRL Membership Services Manager Wayne Mills, N7NG, says the long-awaited LoTW component will permit users to apply contact "matches" in Logbook's 41.4 million QSO and growing database to their DXCC records. To date, Mills reports, more than 2.5 million QSO matches already exist in the system.

"It's a pretty straightforward process," Mills said of crediting LoTW QSO matches to DXCC. "What participants need to do first is go to the LoTW site

and read the instructions." Information available will include a list of frequently asked questions--FAQs.

Before doing anything else, LoTW newcomers will have to obtain a Logbook of the World digital certificate and download the software. Since LoTW launched last September, it has validated nearly 10,000 digital certificates from approximately 7000 individual users. Obtaining a digital certificate, which authenticates each user under a particular call sign, is free.

The Logbook of the World database is a repository of individual contact records submitted by users in the US and abroad. When both QSO participants submit matching contact records to LoTW, the result is a "virtual QSL" that--while it bears little resemblance to a paper QSL card--is good for DXCC credit. LoTW accommodates Windows, MacOS and Linux RPM users, and several logging software developers have incorporated LoTW components into their programs.

DXCC is the first and only award for which LoTW users will be able to apply their credits. Mills says plans already are in the works to make the system available to apply LoTW credits to other ARRL and possibly some non-ARRL awards.

Getting the DXCC credits system up and running has involved a considerable amount of programming--much of it by ARRL Web/Software Development Manager Jon Bloom, KE3Z--followed by extensive testing.

LoTW users already holding digital certificates just need to click on the "Awards" menu tab to access the new system that lets them apply QSL credits to their DXCC records.

While the software and obtaining a digital certificate are free, it will cost users to apply LoTW QSL credits to DXCC. The application fee for a basic DXCC certificate remains the same, however, and users will only be charged on the Logbook

side of the system. Individual credits can cost as much as 25 cents apiece, but users can save money by buying credits in bulk. Purchasing more than 500 credits will drop the per-QSL cost to just 15 cents, Mills pointed out. "The fees are much more economical than the postage and other costs associated with collecting traditional paper QSL cards," he added.

The application fee for a basic DXCC Award is \$10 and includes up to 120 card credits. Applicants pay 15 cents per each additional card applied. A similar fee structure applies for those going the LoTW route, Mills says, and you won't have to pay any additional fees on the DXCC side. The site provides for secure payment via credit card.

One first: LoTW will be able to query the DXCC system and display an individual's DXCC record. In the past, members have had to request their DXCC records via e-mail. "This was actually an unintended consequence of offering the DXCC credits system," Mills said.

For more information, contact the Logbook of The World staff <lotw-help@arrl.org>.

**HAM-CONGRESSMEN URGE
FCC CHAIRMAN'S SUPPORT
FOR ARRL RESTRUCTURING PLAN**

The only Amateur Radio licensees in the US Congress--Rep Greg Walden, W7EQI (R-OR), and Rep Mike Ross, WD5DVR (D-AR), have written FCC Chairman Michael K. Powell to urge adoption of the ARRL's restructuring Petition for Rule Making (RM-10867) "in its entirety" along with rules changes needed to put it into place.

"We believe that this plan will encourage the development, refinement and use of new technologies; increase the number of young people involved in Amateur Radio; and provide incentives for Amateur Radio licensees to pursue technical self-training and opportunities for volunteerism in the

best traditions of our country," Walden and Ross said in an April 23 letter. "We urge you to support the ARRL's restructuring plan and to implement it rapidly."

The FCC now is considering a total of nearly 1300 comments filed on the League's restructuring plan and on two other similar petitions--one from a group called the Radio Amateur Foundation, RM-10868, and the other from the National Conference of Volunteer Examiner Coordinators, RM-10870. A fourth petition from Ronald D. Lowrance, K4SX, RM-10869, dealt solely with the Amateur Radio Morse code requirement. It attracted more than 200 comments before the April 23 comment deadline.

The ARRL plan proposes a new entry-level Amateur Radio license--being called "Novice" for now--that would include HF privileges without requiring a Morse code exam, consolidate the current six license classes into three and retain a 5 WPM Morse test only for Amateur Extra class applicants. It also would integrate current Technician licensees into General and current Advanced licensees into Amateur Extra without additional testing.

"The ARRL's license restructuring plan, once implemented, will complete the Commission's [restructuring] plan, initiated in 1998, and will provide a blueprint for licensing well into the next decade," Walden and Ross said. The League's plan "is needed right now to promote greater growth of the healthy, exciting and rewarding intellectual pursuit of Amateur Radio."

Walden--a member of the House Subcommittee on Telecommunications and the Internet--and Ross invited Powell to share his thoughts on the matter.

NEW MORSE "@" CHARACTER BECOMES OFFICIAL MAY 3

The International Morse code officially gains a new character on May 3. That's when the now-familiar "@" symbol joins the Morse lexicon as the letters "AC" run together (.-.-.). Known as the commercial

at" or "commat," the @ symbol never rose to the level of usage that demanded a unique Morse character until it gained currency as a critical component of e-mail addresses during the past decade or so.

Last December, the International Telecommunication Union Radiocommunication Sector (ITU-R) Study Group 8 agreed on the wording of a Draft New Recommendation ITU-R M. [MORSE] that specified the international Morse code character set and transmission procedures and included the new Morse code character.

The pending change has attracted some attention in the media, including mentions on National Public Radio's All Things Considered and in The New York Times.

ILLINOIS AMATEURS SUPPORT TORNADO RELIEF, RECOVERY EFFORTS

Illinois ARRL Section Emergency Coordinator Pat Ryan, KC6VVT, reports Amateur Radio Emergency Service (ARES) team members and local radio amateurs in LaSalle County--nearly 100 miles southwest of Chicago--this week supported American Red Cross relief and recovery efforts in the wake of tornados April 20 that left at least eight people dead. LaSalle, Putnam, Kankakee and Will counties were designated as disaster areas. Especially hard hit was the LaSalle County town of Utica, where the downtown area was devastated.

"There was an outstanding turnout by local and nearby hams," Ryan told ARRL. "Many local hams are assisting in recovery efforts and damage assessment." In addition, SKYWARN teams and severe weather spotters "helped greatly throughout the area to spread the word of the approaching tornado tracking across many counties.

LaSalle County ARES Emergency Coordinator Frank Carraro, KF9NZ, said he'd settled down to read a book when he began hearing weather-spotter reports of approaching tornados. He said it soon

became obvious that Utica had been badly hit. "All the electric power was out, the roads were clogged with debris and panicked residents of the area--some trying to get in, and some trying to get out," he said.

Jim Stefkovich, KD5HLE, the meteorologist in charge at the National Weather Service (NWS) Chicago Forecast Office, expressed gratitude for Amateur Radio's assistance in providing ground-level storm reports. "This was a true team effort, and I truly appreciate everything that was done from everyone in the Amateur Radio Community," he said. "I could not be more proud of everyone's efforts."

Ryan, who lives in LaSalle County, reports that after the N9OUW Tri-County repeater was knocked off the air, owner Rich Grimshaw, N9OUW, and Kurt Clausen, KB9RKU, installed a deep-cycle battery from the Starved Rock Radio Club to get the machine back up. "This essential ham repeater then provided ideal coverage to link the downtown Utica area below the Illinois River bluff for further operation by the many amateurs responding," he noted. "It was the critical link for this area."

The reactivated repeater supported disaster recovery efforts coordinated by the Illinois Valley Red Cross chapter in Peru. Simplex nets were activated in the Utica area on 2 meters to support shelter operations and disaster assessment and to minimize battery drain at the repeater. Grundy County amateurs also turned out to assist in LaSalle County.

LaSalle County Assistant EC Joe Tokarz, KB9EZZ, said some 30 amateurs responded in his county alone. With telephone service being restored by week's end, Amateur Radio's role was beginning to wind down, he said. He encouraged hams to take advantage of ARRL's Amateur Radio Emergency Communications on-line classes, weather-spotter classes as well as other available emergency preparedness training to be ready. In this situation, he noted, there wasn't much advance warning.

Ryan reports "outstanding assistance" from

Community Emergency Response Teams throughout Northern Illinois. Twisters also hit the town of Granville in Putnam County.

Salvation Army Team Emergency Network <<http://www.satern.org>> National Director Pat McPherson, WW9E, reports Salvation Army canteens have been roving stricken neighborhoods providing food, beverages and respite and assisting with damage assessment and cleanup.

"We used SKYWARN and our SATERN folks to keep us abreast of reports as the weather conditions turned sour, and they turned out to be invaluable assets in determining the course of the tornados," said McPherson, who's headquartered in Chicago.

Will County ARES Emergency Coordinator Rob Sobkoviak, K9NYO, said tornados destroyed one house and damaged dozens of other homes and businesses in Joliet. He said The Salvation Army--with SATERN support--was called in to assist with damage assessment and cleanup and to provide meals to affected residents and emergency workers. Sobkoviak also cited the efforts of the ARES Severe Weather Net and of numerous weather spotters. Will County amateurs staffed ARES stations at local emergency operations centers and at the National Weather Service in Chicago.

"These guys are true heroes," Sobkoviak said of his ARES team members.

FCC PROPOSES \$11,000 FINE FOR CALIFORNIA AMATEUR

The FCC has issued a Notice of Apparent Liability for Forfeiture (NAL) to Daniel Granda, KA6VHC, proposing to fine the Whittier, California, man \$11,000 for allegedly "willfully and repeatedly" violating the Communications Act of 1934 and Amateur Service (Part 97) rules. The FCC asserted that on at least eight occasions, Granda, 58, "willfully and maliciously caused interference to other stations and conducted activity in an effort to obtain exclusive use" of a 1.25 meter repeater pair.

SWLs MAY FILE BPL
INTERFERENCE COMPLAINTS

"Specifically, we find Mr Granda apparently liable for failure to respond to official Commission correspondence and causing intentional interference to amateur radio communications," the FCC said in the NAL, released March 31. In December 2002, the FCC's Enforcement Bureau issued a Warning Notice to Granda alleging that he deliberately interfered with two repeaters, KD6ZLZ and WA6NJJ. Granda failed to respond to that and to subsequent notices, including one from the FCC's Los Angeles Field Office, the NAL said.

Agents from the FCC's LA office subsequently used direction-finding techniques to track interfering signals to Granda's residence, the NAL said. FCC agents inspected his station on April 15, 2003, and found radio equipment capable of transmitting on all of the frequencies involved. The FCC says Granda "orally admitted" that he had received the warning notices from the Commission. The NAL says Granda told the agents he was "trying to prevent anyone from using 'his' frequency by re-transmitting 147.49 MHz signals on 222.24/223.84 MHz to 'keep the channel occupied.'" The following day, an FCC agent observed that audio from 147.49 MHz was being retransmitted onto 222.24/223.84 MHz from Granda's residence, the NAL said.

Based on the evidence, the FCC said, it determined that Granda had caused malicious interference and transmitted signals "in an attempt to exclusively use a frequency." The FCC gave Granda 30 days to pay the proposed forfeiture or file for a reduction or cancellation.

Last August, the Wireless Telecommunications Bureau set aside the grant of renewal of Granda's Amateur Extra class license, which expired last November. His renewal application has reverted to "pending" status. Although his call sign no longer appears in the FCC database, he does have interim operating privileges at least until the enforcement action is resolved.

SWLs may file BPL interference complaints: FCC Part 15 rules prohibit interference to licensed services from unlicensed devices. This means that, with limited exceptions, short-wave listeners (SWLs) may file formal complaints if broadband over power line (BPL) signals interfere with their reception. "There is no doubt that international broadcast listeners have standing to complain about interference to the reception of foreign broadcast signals," says ARRL General Counsel Chris Imlay, W3KD. "One does not have to be a licensee of a transmitter in order to receive harmful interference from a United States-based RF source and have standing to complain about it." Listeners to international short-wave broadcasts originating in the US, Imlay explains, do not have standing to complain, however, because they are not the target audience for such broadcasts. Imlay says that while FCC and court cases involving standing to file are complex, "the cases are clear that the allegation of suffering actual electromagnetic interference to reception of a broadcast service, even one generated internationally, from a domestic RF source, is sufficient in every case to demonstrate standing to file a complaint." International Telecommunication Union Radio Regulations require member nations to "take all practicable and necessary steps to ensure that the operation of electrical apparatus or installations of any kind, including power and telecommunication distribution networks, but excluding equipment used for industrial, scientific and medical applications, does not cause harmful interference to a radiocommunication service."-- Gary Pearce, KN4AQ

PACKET UPDATE

Many times when we run digital modes we use older amateur equipment. This equipment has to be maintained in good operating condition as it is used over the years. Older equipment may have tubes in them for receiving circuits or for finals in the transmitters. One company which specializes in tubes for older equipment is Surplus Sales of Nebraska. They offer a variety of tubes for amateur equipment at reasonable prices. Many older transmitters like the Kenwood TS520 use the 6146 tubes for the final. They have the 6146 replacement in matched pairs at \$39.00 . They also offer tube kits for Collins radios. If you are looking for replacement tubes for your old radio check out Surplus Sales of Nebraska. Their web address is www.surplussales.com

James Butler, KB4LJV

AMATEUR HARDWARE UPDATE

We are all looking for a good deal on radios. Although kits are not around as much as before there are several companies offering kits for HF QRP work. One of these companies is Small Wonder Labs owned by Dave Benson. One of the kits he offers is the SWL-40 +. This radio will transmit and receive any segment of the 40 meter band. I set mine up to cover 7.102 to 7.159 MHz. The kit contains a PC board and all board mounted components along with a very good manual. You supply the cabinet, off board parts like jacks ETC. The kit was first developed in the 1990s and has been very popular. The unit puts out about 2.5 watts of power and has a very good receiver. This is the best deal on a QRP rig available. The kit cost is \$55.00 Postpaid from Small Wonder Labs. The ease of construction along with the excellent performance makes this one a keeper. There are many links on the internet about this radio. They have ELMER 101 classes with on line questions and answers for those building the units. Sites tell about adding RIT, more power, and other mods. Dave has these rigs for 80,40,30,20, and 15 meter bands. This rig has become a classic along with the Norcal 40 and Red Hot Radio.

SEE YOU AT THE MEETING

James Butler, KB4LJV



May

2004

<i>Sun</i>	<i>Mon</i>	<i>Tue</i>	<i>Wed</i>	<i>Thu</i>	<i>Fri</i>	<i>Sat</i>
30 Tommy, KD4TJO Charles, KA4DFS	31 Billy, KD4FTS					1
2	3 Mary, AC4GF	4	5	6 MARA Club Meeting 7:00 PM Tom, K4ZFV Roger, KF4QFZ	7	8
9	10	11 Delta Club Meeting 7:00 PM	12 Barbara, KE4BUU	13	14	15 Wesley, W3EDW
16 Andy, K4ZLC	17	18	19 Jennifer, KG4RTV Fred, WA4VDB Katherine Savage	20	21	22 Alton, WA5TJB
23 Kelly and Keith Burnum	24	25	26 Craig, KF4FSZ	27	28	29



CONTEST CALENDAR

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

Bernardino Microwave Society, 6 AM local time May 1 to 12 midnight May 2, operate 24 hrs max. Frequencies: All bands 2.4 GHz and higher. For scoring and other information: <http://www.ham-radio.com/sbms>.

ion. Frequencies: 160-10 meters according to IARU band plan. For more information: <http://www.uba.be/>.

The following information may be found at <http://www.arrl.org/contests/months/may.html>.

2 GHz and Up World-Wide Club Contest--sponsored by the San

European Union Contest 2004--CW/Phone/PSK31/RTTY/SSTV--sponsored by the Royal Union of Belgian Amateur Radio (UBA) from 0000Z to 2400Z May 1. This is a one-time contest to welcome new countries to the European Un-

IPA Contest--CW/SSB--sponsored by the International Police Association from 0000Z-2359Z May 1 (CW), 0000Z-2359Z May 2 (SSB), each mode considered a separate contest. Frequencies: 80-10 meters. For more information: <http://www.iparc.org/>.

MARAC County Hunters Contest--CW--sponsored by the Mobile Amateur Radio Awards Club from 0000Z May 1-2400Z May 2. Frequencies (MHz): 3.575, 7.050, 14.050, 21.050, 28.050, work fixed stations once/band and mobiles once for each county and band. For more information: <http://www.countyhunter.com/>.

10-10 International Spring Contest--CW/Digital--from 0001Z May 1-2359Z May 2 (see Feb QST, p 103, or <http://www.ten-ten.org/>).

Microwave Spring Sprint, 0600-1300 local, May 1 (see <http://www.etdxa.org/vhf.htm>).

Indiana QSO Party--CW/SSB--sponsored by the Hoosier DX and Contest Club from 1500Z May 1-0300Z May 2. Frequencies (MHz): CW--1.805 and 40 kHz above the band edge on 80-10 meters, SSB--1.845, 3.850, 7.230, 14.250, 21.300, 28.450, try 160 at 0200Z, no crossband QSOs. For more information: <http://www.hdxcc.org/inqp>.

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 ka4tta@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 kgreggc@a-c.com (4, 6, 8, 11, 15)

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

ARI International DX Contest--CW/SSB/Digital--sponsored by ARI from 2000Z May 1-1959Z May 2. Frequencies: CW/SSB--160-10 meters; Digital--80-10 meters, change bands or mode no more than once per 10 min. For more information: <http://www.ari.it/contari04.html>.

New England QSO Party--CW/Phone--2000Z May 1-0500Z May 2 and 1300Z-2400Z May 2. New England is ME, NH, VT, MA, CT and RI. Frequencies (MHz): CW--40 kHz above band edge; Novice/Tech--3.705, 7.130, 21.130, 28.130; SSB--3.880, 7.280, 14.280, 21.380, 28.380; no crossmode or crossband QSOs, all CW QSOs in CW band segments. For more information: <http://www.neqp.org/>.

North American Spring Meteor Scatter Rally--sponsored by the WSJT Group from 0000Z May 1 and ends 0000Z May 10 during the annual Eta Aquarids meteor shower. Please note that the annual Eta Aquarids is a morning shower, the radiant being in a good position from about 0500 to 1200 local time. For more information: <http://www.qsl.net/wa5ufh/Rally/NAHSMS.htm>.

Mid-Atlantic QSO Party--SSB/FM/CW--sponsored by the Independent Mid-Atlantic QSO Party Committee from 1600Z May 8-2400Z May 9. Mid-Atlantic states include Delaware, Maryland-DC, New Jersey, New York, Pennsylvania, Virginia and West Virginia. Frequencies: 160-10 meters 50 kHz from bottom of band segment for operating mode, 50, 144, 222, and 432 MHz. For more information: <http://www.qsl.net/maqso>.

Nevada QSO Party--CW/SSB/RTTY--sponsored by the Area 51 Contest Club from 0000Z May 8 0600Z May 9. Frequencies: 160-6 meters, CW 15 kHz and SSB 25 kHz above General class band edge. For more information, see <http://members.cox.net/nvqso2004>.

Oregon QSO Party--CW/SSB--sponsored by the Central Oregon DX Club from 1400Z May 8-0200Z May 9. Frequencies (MHz): 80-10 meters, CW--40 kHz above band edge, SSB--3.850, 7.250, 14.250,

21.350 and 28.450, no repeater QSOs. For more information: <http://www.codxc.com/>.

FISTS Spring Sprint--CW--sponsored by the FISTS International CW Club from 1700Z-2100Z May 9 (see Feb *QST*, p 103, or <http://www.fists.org/sprints.html>).

Alessandro Volta RTTY DX Contest-- sponsored by COMO and ARI from 1200Z May 8-1200Z May 9. Frequencies: 80-10 meters. For more information: <http://www.contestvolta.com/>.

50 MHz Spring Sprint, sponsored by the Eastern Tennessee DX Association from 2300Z May 8-0300Z May 9 (see <http://www.etsdx.org/vhf.htm>).

Portuguese Navy Day--CW/SSB/PSK31--sponsored by the Portuguese Navy Radio Amateurs from 0800Z May 8-2300Z May 9. Frequencies: 80-10 meters according to the IARU band plan. For more information: http://www.qsl.net/cq5mgp/regulamentos_ing.html.

Newcomers Run--CW--sponsored by the QRP ARC International from 1800-2000Z May 15. Exchange: "New" if a newcomer and "Elmer" for holders of certificates from previous QRP ARCI contests. For more information: <http://2hams.net/ARCI/index.htm>.

Baltic Contest--CW/SSB--sponsored by the Lithuanian Radio Sports Federation from 2100Z May 15-0200Z May 16. Frequencies (MHz): CW 3.510-3.600, SSB 3.600-3.650 and 3.700-3.750. For more information: <http://www.lrsf.lt/bcontest>.

His Majesty King of Spain Contest--CW--sponsored by the Union de Radioaficionados Españoles (URE) from 1800Z May 15-1800Z May 16 (SSB is June 26-27). Frequencies: 160-10 meters using IARU Region 1 band plan. For more information, send e-mail to ure@ure.es.

US Counties QSO Party--SSB--sponsored by The Mobile Amateur Radio Awards Club from 0000Z May 15-2400Z May 16. Frequencies (MHz): 3.880,

7.240, 14.275, 21.340, 28.340. Work fixed stations once/band and mobiles once for each county and band. For more information: <http://www.stpaulisland.net/countycontest.html>.

CQ WW WPX Contest--CW--sponsored by *CQ Magazine* from 0000Z May 29-2400Z May 30 (see Mar *QST*, p 100, or <http://home.woh.rr.com/wpx>).

Great Lakes QSO Party--Phone/CW/RTTY/PSK31--sponsored by the Michigan DX Association from 0000Z May 29--2359 May 30, SO stations work 36 hours max. Frequencies (MHz): 160-2 meters, no repeater or satellite, CW--3.560, 3.720, 7.090, 7.135, 14.075, Phone--3.870, 7.260, 14.270, 21.370, 28.450. For more information: <http://www.mdxa1.org/1aglqp.html>.

QRP ARCI Hootowl Sprint--CW--sponsored by the QRP ARC International from 2000-2400 local May 30. For rules, see December 2003 *QST*, page 84, or <http://2hams.net/ARCI/index.htm>.

MI QRP Memorial Day CW Sprint--sponsored by the MI QRP Club from 2300Z May 30- 0300Z May 31 (see Jan *QST*, p 97, or <http://www.qsl.net/miqrclub>).

QRP TAC Contest--CW, SSB and PSK31--sponsored by EPA QRP Club from 1800 to 2359Z Jun 5. Frequencies: 80-10 meters. For more information: <http://www.n3epa.org/>.

World Wide Major Six Club Contest--CW/SSB--sponsored by the Six Meter World Wide DX Club, from 2300Z Jun 4-0300Z Jun 7. Frequencies: 50 MHz only. For more information: <http://6mt.com/contest.htm>.

IARU Region 1 Field Day--CW--sponsored by IARU Societies from 1500Z, Jun 5 to 1459Z, Jun 6 (SSB-Sep 4-5). Frequencies: 160-10 meters. Categories: SOAB (LP, QRP), MS (HP, LP). Exchange: RST and serial number. QSO points: non-EU to EU--3 pts, with portable EU stations-- 4 pts. Score: QSO points × DXCC and WAE entities counted once/

band. See IARU Region 1 society Web sites for more information. Send logs to the appropriate national societies (NA hams to RAC or ARRL).

ANARTS WW RTTY / Digital Contest--sponsored by Australian National Amateur Radio Teleprinter Society (ANARTS) from 0000Z Jun 12-2400Z Jun 13. Frequencies: 80-10 meters. For more information: <http://www.users.bigpond.com/ctdavies>.

Asia-Pacific Sprint--SSB--1100Z to 1300Z Jun 12. Frequencies: 20 and 15 meters only (see Feb *QST*, p 103, or <http://jsfc.org/apsprint/aprule.txt>).

ARRL June VHF QSO Party--1800Z Jun 12-0300Z Jun 14 (see May *QST*, p 107, or <http://www.arrl.org/contests/rules/2004/june-vhf.html>).

SPECIAL EVENTS

Conway, AR: Faulkner County Amateur Radio Club, W5AUU. 1800Z-2400Z **May 1**. Toad Suck Daze Festival. 21.350 14.250. Certificate. W5AUU, PO Box 324, Conway, AR 72032.

Toms River, NJ: Holiday City Amateur Radio Club, W2H. **May 1-May 15**. Commemorating the crash of the *Hindenburg* Airship at Lakehurst, NJ. Lower General HF bands, 145.170. QSL. Holiday City Amateur Radio Club W2HC, 9 Tahoe Ct, Toms River, NJ 08757.

Homewood, IL: Tri-Town Radio Amateur Club, W9H. 1600Z-2300Z **May 2**. Homewood Railroad Heritage Day. 28.340 14.270 14.040 7.270 146.49. Certificate. Gene Backlin, 26811 Greenbriar Dr, Monee, IL 60449.

Franconia, NH: Old Man Radio Club, N1H. 1500Z **May 2-0100Z May 3** First anniversary of the collapse of New Hampshire's Old Man of the Mountain rock formation. 14.247 7.247. Certificate. Jim Cluett, W1PID, 1241 New Hampton Rd, Sanborn-ton, NH 03269. <http://www.qsl.net/oldman>.

Caldwell, NJ: West Essex Amateur Radio Club, W2EF. 1400Z-1900Z **May 8**. Operating from President Grover Cleveland's Birthplace. 28.350 21.330 14.250 7.250. Certificate. West Essex ARC, PO Box 54, Essex Fells, NJ 07021. <http://www.wearc.org/>.

Wedowee, AL: Calhoun County Amateur Radio Association, WB4GNA. 1300Z-1800Z **May 8**. The Lake Wedowee Property Owners Association Kids Fishing Day. 444.750 146.555 14.260. Certificate. Randall Landers, 1316 Meadowood Ln, Oxford, AL 36203.

Fairmont, WV: The Mountaineer Amateur Radio Club, W8SP. 0000Z **May 8**-2400Z **May 9**. From the International Mother's Day Shrine in Grafton, WV, commemorating the first official observance of Mother's Day. Bottom portion of General 80 40 20 15 m SSB and CW; Novice 10 m SSB. Certificate and QSL. Charles T. McClain, K8UQY, Rte 4 Box 161, Grafton, WV 26354.

Springfield, OH: Westcott Wireless Preservation Association, W8AGA. 1700Z **May 13**-2200Z **May 16**. Frank Lloyd Wright's Westcott House Special Tour. 14.280 14.050 7.280 7.120. QSL. Matt Cline, KB8WFH, 825 S Tecumseh Rd, Springfield, OH 45506. <http://www.westcotthouse.org/w8aga>.

New Braunfels, TX: Highland Lakes Amateur Radio Club, W5A. 1400-2100Z **May 14**-1400-2100Z **May 15**. Experimental Aircraft Association SW Regional Fly-In. 21.360 14.260 7.260. QSL. c/o M. Warner, PO Box 784, Burnet, TX 78611. <http://www.hlarc.org/>.

Hartford, IL: Lewis and Clark Radio Club, K9L. 1400-2200Z daily **May 14, 15 and 16**. Bicentennial of Lewis & Clark departure from Camp DuBois, IL. 28.360 21.360 14.260 7.260. Certificate. LCRC, PO Box 553, Godfrey, IL 62035. <http://www.k9ham.net/k9l.htm>.

Altus, OK: Altus Area Amateur Radio Association, AJ5Q. 1600Z-2200Z **May 15**. 30th Anniver-

sary of AAARA/ARRL Affiliated Club. 21.360 14.260 7.260 3.960. QSL. AAARA, PO Box 8863, Altus, OK 73522-8863.

Clackamas, OR: North West Military Radio Enthusiasts, KD7VPH. 1600Z-2300Z **May 15**. Operating with vintage military gear for Armed Forces Day. 14.088 10.137 7.296 7.087. QSL. NWMRE, PO Box 334, Corvallis, OR 97330-0334. <http://www.exchangenet.net/nwmre/>.

Karnes County, TX: Radio Operators of South Texas, W5ROS. 0001Z-2359Z **May 15**. 150th birthday of Karnes County, TX. 24.960 21.360 14.260 7.260. QSL. Andy Meyer, KD5TNI, PO Box 175, Hobson, TX 78117. <http://www.thecountywide.com/>.

Washington, DC: FBI Amateur Radio Association, K3FBI. 1200Z-2200Z **May 15**. 23rd Annual National Peace Officers Memorial Day. 21.280 14.280 7.280. Certificate. Jay Chamberlain, AE4MK, 27 Fox Run Ln, Fredericksburg, VA 22405. No SASE required.

Waterville, ME: Waterville Area Wireless Association, WA1WA. 1400Z-2100Z **May 15**. Boy Scouts Spring Camporee. 28.350 21.300 14.265 7.250. QSL. Waterville Area Wireless Association, R4 Box 8043 Matheson Ave, Winslow, ME 04901.

Wheaton, IL: DuPage Amateur Radio Club, W9DUP. 1600Z-2300Z **May 15**. Armed Forces Day. 145.25/144.65 28.400 14.290 7.250. Certificate. Robert B. Beatty, WB9HNS, DuPage ARC, PO Box 71, Clarendon Hills, IL 60514.

Lebanon, OR: Santiam Amateur Radio Club, W7Z. 1500Z **May 15**-0100Z **May 16**. Grand reopening of Lebanon, OR, Railroad Depot. 28.400 21.330 14.255 7.230. QSL. SARC c/o Wm Barfknecht, 521 Williams St, Lebanon, OR 97355.

Hammondsport, NY: Keuka Lake Amateur Radio Association, KV2W. 1300Z-2200Z **May 22**. Celebrate Birthdate of Aviation Pioneer Glenn H. Cur-

tiss. 28.340 7.250 3.870. Certificate. Roy Koehler, PO Box 451, Avoca, NY 14809.

Lancaster, NY: Town of Lancaster Office of Emergency Management, KC2LAS. 0000Z **May 22-2000Z May 23.** Annual "How Ham Radio Can Save the Day" public demonstration. 21.350 14.250 7.250 3.950. Certificate. Town of Lancaster, Emergency Management Office, 525 Pavement Rd, Lancaster, NY 14086.

Asheville, NC: Western Carolina Amateur Radio Society, W4MOE. 1200Z-2000Z **May 28.** Thomas Wolfe Memorial Grand Reopening. 28.450 21.300 14.265 145.19. Certificate. Robert Dockery, WD4CNZ, 72 Ormond Ave, Asheville, NC 28806. <http://www.wcars.org/>.

Jefferson City, MO: Great Rivers Council BSA/Cupbord Creek Encampment-Discovery Corps, WOM. 0000-1800Z daily **May 28 and 30.** Re-enactment of Lewis and Clark Exploration of Louisiana Purchase on the Missouri River. 28.360 14.260 7.260. QSL. Doug Mallory, AB 00A, 608 Sherwood Rd, Paris, MO 65275. <http://www.bsa-grc.org/cupbord>.

Chestertown, MD: Kent Amateur Radio Society, K3ARS. 1400Z-2000Z **May 29.** The 230th Anniversary of the Chestertown Tea Party. 14.240 14.040 7.240 7.040. Certificate. Kent Amateur Radio Society, PO Box 921, Chestertown, MD 21620. <http://www.qsl.net/k3ars/>.

Fort Wayne, IN: Allen County Amateur Radio Technical Society and Fort Wayne Radio Club, KB1IBW. 1500Z-2400Z **May 29.** Amateur Radio Military Appreciation Day. General bands; PSK 31; IRLP nodes 9205 8380; Echolink Nodes 16686 106819. QSL. Emery McClendon, WB1IBW, 6116 Graymoor Ln, Ft Wayne, IN 46835-2313. <http://www.fortwayneradioclub.org/>.

Baton Rouge, LA: USS *Kidd* ARC/Baton Rouge ARC, W5KID. 1400Z-2200Z **May 30.** Memorial Day. General class bands, 14.250 to 14.320; CW

QRP subbands. QSL. W5KID, c/o USS *Kidd* Museum, 305 S River Rd, Baton Rouge, LA 70802.

Belleville, MI: Yankee Air Force Museum, W8YAF. 1200Z-2000Z **May 31.** Observing Memorial Day at the Yankee Air Museum at Willow Run Airport. 7.270. Certificate. Frank A. Nagy, N8BIB, 24315 Waltz Rd, New Boston, MI 48164-9167.

Fall River, MA: Radio Operators for Missing Children, KB1HGK. 1300Z-1900Z **May 31.** From the USS *Massachusetts*, the 4th annual special event for missing children. 14.250 14.075 7.125 3.700. Certificate. Sheree Greenwood, K1SQ, PO Box 649, Warren, MA 01083. http://www.lyceumpress.com/ham_radio.htm.

Fort Monmouth, NJ: Robert D. Grant United Labor Amateur Radio Association, N2UL. 1200Z-2200Z **May 31.** Remembering those who made the supreme sacrifice for our freedom. 449.975 28.460 14.260. Certificate. RDGULARA, c/o WA2VJA, 112 Prospect St, Nutley, NJ 07110-0716.

Sainte Marie du Mont, France: Reseau des Emetteurs Francais, TM6JUN. **May 31-Jun 13.** 60th anniversary of Allied disembarkment at Utah Beach. SSB and CW 80, 40, 20, 17, 15, 12 and 10 meter bands. QSL. Denis Villemion, F5RJM, Le Flaquet, 50470 Tollevast, France.

Ponca City, OK: Kay County Amateur Radio Club, K5P. 2100Z **Jun 4-2000Z Jun 5.** Ponca City Oklahoma's Annual Jumpin in June celebration. 28.360 21.360 14.260 7.260. QSL or certificate. Joseph Widner, 3644 Ashbury Rd, Ponca City, OK 74604.

Boston Harbor area, MA: USS *LST-325* Amateur Radio Club, W2T. **Jun 4-Jun 14.** USS *LST-325* 46-day, 4119 mile trip up the east coast of the United States. All amateur bands. QSL. Robert Wilder, AF2HD, 6032 Idlemoore Ct, Theodore, AL 36582-4036. Trip begins May 24; WW2LST/MM will also be used.

TREASURER'S REPORT

TREASURER'S REPORT April 2004 Date: 30-April-04

Beginning Balance	\$5,021.88
INCOME	
Dixiefest Seed Money	\$1,485.00
Dues	215.00
Jackets and Tickets	555.00
TOTAL INCOME	\$2,255.00
EXPENSES	
Team Victory—Club Jackets	\$722.33
TOTAL EXPENSES	\$722.33
Ending Balance	\$6,553.75

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



**June 26-27
at Freeman Park in Bartlett**

SPARKS is published monthly by the Delta Amateur Radio Club and is mailed 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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