

# DELTA AMATEUR RADIO CLUB

# SPARKS

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



Welcome  
to the

**Delta Amateur Radio Club!**

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

**W4BS**  
**REPEATER**  
**SYSTEM**

146.82, 147.36,  
224.42 443.2

## OCTOBER 2004 CLUB MEETING

**DATE:** October 12, 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:** Show and Tell, Ham Style — Tom, K4TTA

**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](mailto:joant@mem.net)

## PRESIDENT'S CORNER

To all of the Delta Amateur Radio Club Members:

The new year is fast approaching and the elections are going to be held at the November meeting, as usual. We still have some positions needing to be filled and to date no one has spoken up. As of last week, Director of Training and Director of Meetings, were still open, and the person queried to run for Director of Programs was uncertain.

Director of Training is responsible for providing training classes for all the license classes. The person does not have to teach them, just bring together all those with the instruction to those needing the instruction. The VE Team provides testing and that can be at a special time and place or at the regular time and location that is offered monthly.

**Please Remember: Deadline for Reports and Articles for the next issue of SPARKS is Friday, October 29th. 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](mailto:paulsonrj@bellsouth.net)

Director of Meetings is responsible for coming in early before the meeting, opening up the building, making the coffee, making sure that the cups and coffee additives are available and that snacks are offered. Members of the club usually bring in snacks voluntarily, but on a managed schedule set by the Director. The Director also is responsible for cleanup and re-securing the club's equipment and supplies and making sure that the meeting room is at least the way it was found upon arrival, turning off the lights and locking the doors. Normally other club members help in these endeavors, asked or not. This Director is also responsible for preparing facilities at other club events, but usually the chairman of those events provides a labor force and supplies for the event. The Director, being the custodian of the club's equipment, has to coordinate the loaning and returning of the club's equipment and supplies.

The Director of Programs is responsible for having a program for each monthly meeting, except for the November meeting.

Please step up and offer to take a position on next year's Board of Directors, or chair a project - you can make a difference, and provide a benefit to our club. The only qualifications are that you are a member in good standing with club (dues Paid) and gave attended six (6) meetings this year by the election meeting.

Hope to see you all at the next meeting.

73, Ned, KA4BLL

**Delta Amateur Radio Club  
Membership Meeting Minutes  
September 14, 2004**

Ned Savage, KA4BLL called the July General Membership Meeting for the Delta Amateur Radio Club to order at approximately 7:10 pm local time.

Ned, KA4BLL called for introductions of all present.

Motions to accept the treasurer's report and secretary's report as published in SPARKS passed.

Tom, K4TTA announced that Scout Base will be on October 16 and they need approximately 8-10 volunteers to help with it. They will be operating the equivalent to a GOTA station like we have at Field Day. Please contact Tom if you are able to volunteer.

**Old Business:**

There was no old business.

**New Business:**

Tony, WA4KHN announced that MARA is having their next monthly meeting on October 7 at the main library at 3030 Poplar Ave. They are also planning a cook out on October 23 from 3:30 pm until after dark. Everyone is welcome and it will be located at the Club House at 2417 Lacosta Dr. Talk-in will be on 146.85.

Ned, KA4BLL announced that Tony, WA4KHN has offered to serve on the nominating committee for this year, but they still need two other volunteers. If you can help with this, please get in touch with Ned.

**Program:** Tommy, KD4TJO had two presentations for the group. The first was the ARRL video produced last year called "Amateur Radio Today" that is hosted by Walter Cronkite, KB2GSD. It shows how amateur operators help their communities in times of disaster. The second presentation was an audio clip of a BBS documentary called "Unsung Heroes" and was the story of amateur radio's role in the disasters of September 11, 2001. It was accompanied by a PowerPoint slide show of pictures taken on that same fateful day.

Meeting adjourned at approximately 8:15pm.

Respectfully submitted:

Tommy, KD4TJO, Secretary

## VEC Report September 14, 2004

I was late but they were there - willing and waiting! I don't think that a VE session has ever been set up in such a quick and timely manner.

Work went later than usual and I didn't arrive at the testing site until almost 6:00. Waiting for me were the VE Team and the people wishing to test - all standing around and enjoying the warm, but not hot, afternoon sun.

I opened the doors and everyone pitched in to set up tables and chairs and I think that within 5 to 10 minutes we were ready to start. THANK YOU TO EVERYONE FOR THE WONDERFUL ASSISTANCE.

The following VE's helped with the September 14th session: Arlene AA5GX, Bill KC4SXT, Dick K3ORS, Francis WA4ZYN, Ned KA4BLL, Ray N4ARH, Rick AI4BN.

We had 5 people take 9 elements.

CONGRATULATIONS to:

William Kelsey    KI4HAV Technician

James Mc Fadden    KI4HAU Technician

Kenneth Hunt    KI4HAX Technician

Kimberly Hunt    KI4HAW Technician

The next testing session will Be October 12th and I hope to be on time.

73, Joan KN4PM  
ARRL VE Liaison

## All Hams, All Clubs, Invited To the Mid-South Amateur Radio Association Fall Cookout

Sat Oct 23, 2004  
3:30 p.m. to after dark - rain or shine

Country Club Estates Homeowners  
Association Clubhouse.  
2417 Lacosta Dr. South East Bartlett  
(North off Elmore 2 blocks east of Bartlett Blvd.)

Talk in 146.85 MHz

**Hot Dogs, Hamburgers,  
Condiments, and Cokes**  
Bring something if you like, but it's more  
important to show up!!!

*Please sign up so we know how  
much food to buy*

Call or e-mail Tony Brignole WA4KHN  
to sign up, or for info  
abrigno1@midsouth.rr.com  
Phone 372-2738

## FROM THE ARRL WEBPAGE

### NTIA'S BPL POSITION STILL A MOVING TARGET

The position of the National Telecommunications and Information Administration (NTIA) with respect to BPL appears to be a moving target. From expressing "broad concerns" about BPL in August 2003 to claiming BPL could help alleviate power line noise this past June, the NTIA now has aligned

its position even more closely with that of the FCC-- already an unapologetic BPL proponent. At the same time, the agency's recently amended recommendations recognize the reality of BPL's interference potential and suggest a "not-in-my-backyard" attitude toward BPL deployment near government radio systems.

In a cover letter to one of two separate filings last month, NTIA Office of Spectrum Management Associate Administrator Fredrick R. Wentland says the agency believes its "less burdensome proposals" will "adequately protect federal radio communication systems from locally generated BPL emissions while minimizing restrictions on BPL."

An agency of the US Department of Commerce, the NTIA now says it "fully supports" the FCC's proposed method to extrapolate the level of BPL emissions from power lines. It's also dropped its call for a "height correction" for measurements below 30 MHz. Based on the NTIA's own earlier studies, the method the agency now supports could result in measurements that fail to accurately reflect actual emission levels by as much as 20 dB.

Additionally, the NTIA says it now prefers the FCC's proposal to measure BPL field strength "at various specific locations along a power line" instead of along the length of the line. "NTIA's extensive further analysis shows that the overall peak field strength that would be found in an exhaustive search along the power line would not significantly exceed the peak level measured using the streamlined approach proposed in the NPRM [Notice of Proposed Rule Making]," the agency said. In its earlier comments, however, the NTIA had advised determining field strength by tracking the entire line because its modeling demonstrated that interval measurements "may not consistently reveal the peak level of radiated emissions."

The NTIA also has reconsidered its earlier proposals to exclude certain frequency bands and geographical zones and to provide for voluntary coordination to

prevent BPL interference to critical government radio systems. Since filing its comments on the BPL Notice of Proposed Rule Making (NPRM) last June, Wentland said, the NTIA has narrowed the scope of specific bands and areas where "special protection mechanisms" regarding BPL should apply.

"Federal radio communications not specifically addressed in the proposed restrictions should be, for the most part, adequately protected in the near term by the baseline interference prevention mechanisms specified in the NPRM (eg, field strength limits, compliance measurement guidelines, and the prohibition of harmful interference)," Wentland concluded in a cover letter.

The NTIA says its revised recommendations would exclude Access BPL operation nationwide from some 2.2 percent of the HF and low-VHF spectrum and from a minuscule portion--0.0007 percent--of the HF spectrum "in limited geographic areas." That's less than half the spectrum the NTIA initially suggested protecting from BPL interference.

The NTIA says excluded bands primarily should be those used for safety communications "in situations where co-channel emissions from numerous BPL devices may be received via line of sight and ionospheric interfering signal paths." Exclusion zones would include "sensitive radio astronomy sites," generally located in remote, sparsely populated areas where there would be "little or no actual constraint on Access BPL market penetration," NTIA said.

Coordination areas, the NTIA says, should apply to receivers "at known locations that must operate with very weak desired signals and where harmful interference must be prevented" beforehand with a high degree of certainty rather than "after discovery."

Prior coordination of BPL deployment using certain frequencies, the NTIA now says, should apply "in limited geographic areas wherein BPL deployment

will not necessarily be constrained, depending on details of the planned BPL deployment." The NTIA also said it could no longer support a requirement for BPL systems to transmit identification codes.

The agency does not appear to have backed away from its recommendation that the FCC apply its more stringent certification, rather than verification, procedures, to authorize BPL systems that, NTIA's comments said, "pose relatively high interference risks."

The ARRL also supports certification, which would require independent testing or review of test results, as opposed to having a BPL operator merely attest that its system complies with FCC rules. The League asserts that certification offers a higher degree of confidence that deployed BPL systems will not continue to exceed Part 15 limits.

The FCC is expected to consider a Report and Order in the BPL Proceeding, ET Docket 04-37, when it meets Thursday, October 14.

For additional information, visit the "Broadband Over Power Line (BPL) and Amateur Radio" page on the ARRL Web site <<http://www.arrl.org/bpl/>>. To support the League's efforts in this area, visit the ARRL's secure BPL Web site <<https://www.arrl.org/forms/development/donations/bpl/>>.

#### IARU ADMINISTRATIVE COUNCIL ADOPTS THREE-YEAR PLAN

The International Amateur Radio Union (IARU) Administrative Council has adopted a three-year plan to develop support for Amateur Radio frequency allocations. The plan provides for the IARU to maintain and increase contact with regional telecommunications organizations through its own regional organizations. Meeting October 2-4 in Port of Spain, Trinidad & Tobago, the Council also adopted positions on agenda items for World Radiocommunication Conference 2007 (WRC-07). The IARU will seek an a future WRC agenda item looking toward a worldwide amateur allocation at 50

MHz. Six meters is not now available in all parts of the world. The Council meeting followed the IARU Region 2 Conference in Port of Spain.

The Council also adopted a resolution calling attention to the obligation of telecommunication administrations "to take all practicable and necessary steps to avoid harmful interference to radiocommunication services from power and telecommunication distribution networks, including so-called Broadband over Power Line (BPL) systems that use the HF spectrum."

The Council also received a report from ITU Development Sector Study Group 2 outlining progress toward revising a recommendation concerning effective utilization of Amateur Radio in disaster mitigation and relief. Amendments to the international Radio Regulations at World Radiocommunication Conference 2003 placed additional emphasis on this role. The Council also agreed to rename the position of IARU disaster communications adviser to IARU international coordinator for emergency communications. Hans Zimmermann, HB9AQS, will continue to serve the IARU in this capacity.

Focusing primarily on WRC-07, the Council worked up a list of International Telecommunication Union (ITU) meetings during the coming year at which IARU representation will be required and reviewed plans for staffing them.

The Council also charged the IARU leadership with drafting a "white paper" to scope the environment and develop options for the IARU's long-term role and structure. Council members also discussed issues relating to the constitutions of the IARU and its regional organizations and agreed to further consider these matters when the white paper was further developed.

The International Secretariat--ARRL--presented the 2005-2007 budget, which includes provision for financial contributions from the three regional

organizations to defray a portion of the expenses, in accordance with previously adopted policy.

In other action, the IARU Administrative Council:

- \* selected "Radio Amateurs Expanding the World of Wireless Communications" as the theme for World Amateur Radio Day 2005. Celebrated each April 18, World Amateur Radio Day marks the anniversary of the founding of the IARU in 1925 and provides an opportunity to present a positive image of Amateur Radio to the general public.

- \* reviewed and updated a working document describing the requirements for radio spectrum allocations to the Amateur and Amateur-Satellite services.

- \* received reports on successful IARU participation in ITU telecommunication exhibitions in Europe, Africa and Asia and noted initial preparations by IARU Region 2 to participate in the upcoming Americas Telecom in Brazil.

- \* reappointed Monitoring System International Coordinator R. E. Knowles, ZL1BAD; International Beacon Project Coordinator Peter Jennings, AB6WM/VE3SUN; Satellite Adviser Hans van de Groenendaal, ZS6AKV; and EMC Adviser Christian Verholt, OZ8CY, for new three-year terms.

Attending the Port of Spain meeting were IARU President Larry Price, W4RA; Vice President Tim Ellam, VE6SH/G4HUA; Secretary David Sumner, K1ZZ; regional representatives Ole Garpestad, LA2RR, Don Beattie, G3BJ, Panayot Danev, LZ1US, Pedro Seidemann, YV5BPG, Rod Stafford, W6ROD, Noel Donawa, 9Y4NED, Peter Naish, VK2BPN, and Yoshi Sekido, JJ1OEY; and recording secretary Paul Rinaldo, W4RI.

The next IARU Administrative Council meeting is set for September 17-18, 2005, in Switzerland following the IARU Region 1 Conference.

## SHORT-TERM EXPEDITION 9 CREW CONGRATULATES SPACESHIPONE SUCCESS

The International Space Station (ISS) crew this week congratulated the SpaceShipOne team on its third successful flight of a private human spacecraft and for winning the \$10 million X Prize competition. NASA ISS Science Officer Mike Fincke, KE5AIT, and Russian Cosmonaut Gennady Padalka, RN3DT, noted that for a few moments Monday morning, they were joined in space by SpaceShipOne pilot Brian Binnie.

"From Gennady and myself and the International Space Station team, congratulations on a job well done, and we're really glad SpaceShipOne returned safely," Fincke said. He also discussed the private space flight during an earlier news teleconference called to sum up their stay in space, which is fast drawing to a close.

"For the most part," Fincke told reporters, "Gennady and I are pretty lonely up here--just the two of us--and when somebody else comes up here, even if it's 100 km, that still brings another person off of the planet, and that's special, and we believe in the space program."

Fincke said he and Padalka were "really impressed" when they got to see uplinked video of last week's successful SpaceShipOne flight to the edge of space by test pilot Mike Melvill.

The news teleconference October 4 came as the Expedition 9 crew is wrapping up its six-month stay aboard the ISS and getting ready to turn over the reins to a new crew. Expedition 10 Commander Leroy Chiao, KE5BRW, and Flight Engineer and cosmonaut Salizhan Sharipov are scheduled to launch on October 13 from Baikonur Cosmodrome in Kazakhstan. They'll arrive at the ISS two days later to begin their own tour of duty.

On other topics, Fincke and Padalka expressed confidence in the Russian Elektron oxygen-

generating system aboard the ISS. The system has experienced some problems in recent weeks, but Fincke said he and Padalka are optimistic that the repairs will hold. The ISS has spare oxygen on board and "plenty of margin," Fincke added, if the Elektron were to malfunction again. The system works by extracting oxygen from water and venting off the hydrogen.

The Expedition 9 crew members also agreed that while efforts to make the ISS work environment a lot quieter, they continue to wear hearing protection to preserve their hearing from the constant thrum of equipment and air circulation fans. "In the future, though, we should build quieter spacecraft," Fincke recommended. Padalka allowed that the ISS is "definitely more quiet than Mir," the former Russian space station on which he served a duty tour in the 1990s.

Padalka this week attained a milestone of sorts by racking up a total of one year in space. He's been aboard the ISS for 169 days. That time, coupled with his Mir mission, put him over the 365-day mark.

Fincke said his family "is the reason why I'm returning to the planet" later this month. He said the first thing on his agenda once he's back on Earth will be to spend some time alone with his wife and son and an infant daughter born while he was in space and whom he's never met. "My family and I are going to go on another kind of ship," he said, suggesting an ocean cruise was in the offing.

Fincke also said he and Padalka were looking forward to the arrival of the Expedition 10 crew. They'll depart the ISS and return to Earth October 23, accompanied by Russian Cosmonaut Yuri Shargin, who will travel to the ISS with the Expedition 10 crew.

After the news conference, Fincke called on ground controllers to help him identify what he called an "unidentified floating object" aboard the ISS. The piece--apparently a machined block of metal with

rounded edges on both sides and two protruding pins--was found in a plastic bag and lacks any identifying marks.

"It's up to you guys to make it an IFO--an identified floating object," Fincke told the ground crew as he allowed the object to float within view of the ISS camera.

#### AUSTRALIAN AMATEURS SEEK TO STAKE A CLAIM AT 500 KHZ

The Wireless Institute of Australia (WIA) has announced plans to request the Australian Communications Authority (ACA) to establish an experimental amateur allocation at 500 kHz.

"The best way to do this is to establish a small slice of spectrum around 500 kHz--probably 495 to 510 kHz--as an Amateur Radio band," said WIA Director Glenn Dunstan, VK4DU. "The band would also provide a unique opportunity for experimentation with antennas, propagation, advanced narrowband modulation techniques and receiver digital signal processing."

A former shipboard radio officer, Dunstan noted that 500 kHz was the international maritime Morse code distress frequency for most of the 20th century. Following the introduction of the Global Maritime Distress and Safety System (GMDSS) in 1999, 500 kHz use has declined rapidly, Dunstan said. China, the last official user of the frequency, plans to discontinue operation there next year.

Dunstan concedes that since 500 kHz remains allocated to the Maritime Service, gaining a permanent amateur foothold there is "some way off," but the WIA is hoping that Australian authorities will grant access to some spectrum there in the meantime for experimental use.

The ARRL and the RSGB have expressed some interest in a 500 kHz Amateur Radio allocation. The International Amateur Radio Union (IARU) Region 1

and various US amateur long-wave groups also are actively pursuing experimental use of 500 kHz. Additionally, the IARU favors a worldwide Amateur Radio band at 135.7 to 137.8 kHz and is seeking support for such an allocation at World Radiocommunication Conference 2007.

### JAMBOREE ON THE AIR (JOTA) 2004 IS OCTOBER 16-17

The 47th Jamboree On The Air (JOTA) takes place October 16-17. Details on JOTA also appear in September QST, page 104. JOTA is an annual event in which Boy and Girl Scouts and Guides from all over the world speak to each other via Amateur Radio to share experiences and ideas. Since 1958, when the first Jamboree On The Air was held, millions of Scouts have become acquainted through this event.

Amateur Radio clubs and individual licensees make it possible for Scouts to get on the air, and your club is invited to be a part of JOTA 2004. If your club is planning a JOTA activity, register it on the ARRL Youth Skeds Database page <<http://www.arrl.org/FandES/ead/youthskeds/>>. There, youngsters and parents can search for scheduled on-the-air activities in which to participate. You also can contact your local Boy Scouts of America Council <<http://www.scouting.org/nav/enter.jsp?s=xx&c=lc>> and let it know that you're planning a JOTA activity.

With assistance from ARRL HQ staff members, Education and Technology Program Coordinator Mark Spencer, WA8SME, will operate Maxim Memorial Station W1AW on Saturday, October 16, for JOTA. "This year the focus will be on achieving the radio merit badge," he noted. Spencer has set up a program that should allow Scouts participating at W1AW to walk away from the JOTA experience with the merit badge, "with some preparation and a little homework on the Scout's part," he added.

ARRL staffer Larry Wolfgang, WR1B--a veteran Scout leader--will be setting up a station at the Mohegan District Fall Camporee at Waterford Beach

in Connecticut. "We will be operating WA1BSA," Wolfgang said, adding that he's expecting some 400 to 500 Scouts to turn out for the campout.

The ARRL New Hampshire Section, the New Hampshire Amateur Radio Service Club (WB1BSA) and the Lawrence L. Lee Scouting Museum <<http://www.scoutingmuseum.org/>> have announced that the Max I. Silber Memorial Station will be on the air during JOTA 2004 using special event call sign N1S--primarily using SSB and SSTV on 20 and 40 meters.

Scouts and scouters worldwide also can participate in JOTA via Internet Radio Linking Project (IRLP) Reflector 9205. There's more information on the IRLP Web site <<http://www.irlp.net/>>.

If you hear any participating JOTA stations on the air, be sure to make a contact--and don't forget to QSL. There's more information about JOTA on the Web <<http://www.scouting.org/international/jota.html>> and <<http://www.arrl.org/FandES/ead/jota.html>>.

### COURSE REGISTRATION

Amateur Radio Emergency Communications Course registration: Registration for the ARRL Amateur Radio Emergency Communications Level II on-line course (EC-002) opens Monday, October 11, at 1201 AM EDT and will remain open through the October 16-17 weekend or until all available seats have been filled. Class begins Friday, October 29. Thanks to our grant sponsors--the Corporation for National and Community Service and the United Technologies Corporation--the \$45 registration fee paid upon enrollment will be reimbursed after successful completion of the course. Amateurs aged 55 and older are strongly encouraged to participate. During this registration period, seats are being offered to ARRL members on a first-come, first-served basis. To learn more, visit the ARRL Certification and Continuing Education Web page <<http://www.arrl.org/cce/>>.



### PACKET UPDATE

One of the newest modes we see on the amateur bands is PSK31. With a simple hardware interface to your computer's sound card and some software you can be ready to operate this mode. There are lots of software packages out but one of the most popular is DIGIPAN. This package is FREEWARE meaning it is a full featured package that is free with no fees or trial period. The package is easy to set up and has some nice advanced features like scan to look at activity on the PSK31 subband and an auto fine tune to lock in on the signals. The package also has macros for calling CQ. The screen is set up for a receiving text section, outgoing text section and a waterfall display for tuning the signals on the band. You can also save received text to the computers drive if you want to. Hookup for listening only is very easy with just two connections. It only requires one two conductor cable from the speaker output of the radio to the line input jack on the computer's sound card. So if your looking to get into PSK31 get on the internet and check out everything. You will find a lot of good programs and information.

James Butler  
KB4LJV

### AMATEUR HARDWARE UPDATE .....

In operating a CW station in the field we may need a few accessories for monitoring or testing. This month's project is the HW-3 station center. It has several functions to make it easier to operate in the field. The first is a meter in the front that indicates the voltage going to the rig. This allows monitoring for low or high voltage conditions which could damage the rig. The meter also insures the polarity is correct from the power supply before turning the rig on. The unit also includes a fuse to protect rig and accessories along with spare fuses on the back. I also included a trickle battery charger to top off batteries in the field from a 13.8 volt power supply. This connection is on the back. I built up a 5 watt dummy load for the unit which is connected to a BNC connector on the back of the unit to allow for power output testing into a known good 52 ohm load. I built up the unit in a surplus printer switcher box to match my other QRP equipment and painted it in Heathkit colors.

I will have the HW-3 station center at the meeting to show and answer questions on for those who wish to build up their own unit.

SEE YOU AT THE MEETING

.....  
James Butler, KB4LJV



# OCOTBER

2004

<i>Sun</i>	<i>Mon</i>	<i>Tue</i>	<i>Wed</i>	<i>Thu</i>	<i>Fri</i>	<i>Sat</i>
<b>31</b> Jerry, W4TIL					<b>1</b> Jeanette, KC3VYJ Mark Garrett	<b>2</b> Ann, WB4FAA Karen, KC3VRL
<b>3</b> Phyllis, KD3NEV	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b> <b>MARA Club Meeting</b> <b>7:00 PM</b> Barbara Norris Jonnette Smith	<b>8</b> Dan, AA3HV Paul, KC4VSM	<b>9</b>
<b>10</b> David, KF4PFY	<b>11</b>	<b>12</b> <b>Delta Club Meeting</b> <b>7:00 PM</b>  Frank, KA3SJM	<b>13</b>	<b>14</b> William, WA3IQL	<b>15</b> Mary, KA3OAW Daisy, WB3BKL	<b>16</b>
<b>17</b>	<b>18</b> Charlie, KE3NTM	<b>19</b> Earshel, WD4KRA Melinda, KE3DXN Aubrey, KG4YZW	<b>20</b> David, KE4FLW	<b>21</b>	<b>22</b>	<b>23</b> Chuck, W4VAC
<b>24</b> Ray, N4ARH	<b>25</b> Beverly Rauch	<b>26</b>	<b>27</b>	<b>28</b> Angie Garrett	<b>29</b>	<b>30</b>



**CONTEST CALENDAR**

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

[seasons/tara\\_rumble\\_rules.html](http://www.qsl.net/eus/print).

**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](http://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. SOAB category only. Exchange: your call, serial number, name, other station's call. Special QSY rule--see Web site. Score is number of QSOs. For more information: [www.qsl.net/eus/print](http://www.qsl.net/eus/print).

**California QSO Party**--CW/SSB, sponsored by the Northern California Contest Club, 1600Z Oct 2-2200Z Oct 3. Frequencies: 160-2 meters. CW QSOs in CW sub-bands, except 160. Work CA stations in each county. Stations on a county line count as a single contact for QSO points, but both counties can be claimed as multipliers. Exchange: serial number and S/P/C or CA county. For more information: [www.cqp.org](http://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.rsgbhfcc.org](http://www.rsgbhfcc.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. Exchange: serial number, RS (T) and ARRL section/VE province/country. For more infor: [www.qsl.net/ylrl/ylcontests.html](http://www.qsl.net/ylrl/ylcontests.html).

**PSK Rumble (The Fall Classic)**--sponsored by Troy ARA, 0000Z-2400Z Oct 2. 80-6 meters. Exchange: name and S/P/C. For more information: [www.n2ty.org/](http://www.n2ty.org/)

**The W4BS Elmer Shack**

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

Codes:

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

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

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

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

KD4NOQ (Adv) David Campbell 388-6166  
kd4noq@bellsouth.net (1,2,3,5,9,10,14, 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@c-a-c.com (4, 6, 8, 11, 15)

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



**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](http://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. Work mobiles and rovers in each county. For more information: [www.nittany-arc.net/paqso.html](http://www.nittany-arc.net/paqso.html).

**FISTS Fall Sprint**--CW, 1700Z-2100Z Oct 9 (see February *QST*, p 103 or [www.fists.org](http://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. Exchange both call signs, serial number, name and S/P/C. The same station can be worked multiple times provided 3 contacts separate the contact in both logs, regardless of band. QSY rule: Stations calling CQ, QRZ, etc, may only work one station in response to that call; they must then move at least 1 kHz before working another station or 5 kHz before soliciting another call. Once you are required to QSY, you may not make a new QSO on the previous frequency until you have made a contact at least 1 or 5 kHz (as required) away. For more information: [www.ncjweb.com](http://www.ncjweb.com).

**YLRL Anniversary Party**--SSB, 1400Z Oct 13-0200Z Oct 15 (see Oct 6-10).

**Worked All Germany**--CW/SSB, sponsored by The Deutscher Amateur Radio Club, 1500Z Oct 16-

1459Z Oct 17. Frequencies: 80-10 meters, work German stations only. For more information: [www.darc.de/referate/dx/fedcg.htm](http://www.darc.de/referate/dx/fedcg.htm).

**JARTS WW RTTY Contest**, sponsored by the Japanese Amateur Radio Teleprinter Society, 0000Z Oct 16-2400Z Oct 17. Frequencies: 80-10 meters. For more information: [www.edsoftz.com/JARTS](http://www.edsoftz.com/JARTS).

**Asia-Pacific Sprint**--CW, sponsored by the Asia-Pacific Sprint Contest Committee, 0000Z-0200Z Oct 17. Frequencies (MHz): 14.030-14.050 and 21.030-21.050. Categories: SO <150 W only. Work Asia-Pacific stations only. Exchange: RST and serial number. Special QSY rule. Score: QSOs × WPX prefixes counted once only. For more information and AP country list: <http://jsfc.org/apsprint>.

**RSGB 21/28 MHz Contest**--CW, 0700Z-1900Z Oct 16 (see Oct 2-3).

**Illinois QSO Party**--CW/Phone, sponsored by the Radio Amateur Megacycle Society (RAMS), 1800Z Oct 17-0200Z Oct 18. Frequencies: 160-2 meters, CW--50 kHz above band edge, Phone--3.890, 7.290, 14.290, 21.390, 28.390 MHz; Novice/Tech--30 kHz above edge of segment. For more information: <http://my.core.com/~jematz/ilqso04.html>.

**Bill Windle QSO Party**--CW, sponsored by First Class Operator's Club (FOC), from 0000Z-2359Z Oct 16. Frequencies: 160-10, 6 and 2 meters. Call CQ BW from 15 to 45 kHz above band edge; open to all hams, not just FOC members. Exchange: RST and name or FOC number, if member. Report total QSOs with FOC members, counted once per band, FOC members report total QSOs and total FOC QSOs. For more information: [www.firstclasscw.org.uk/](http://www.firstclasscw.org.uk/).

**USI W/VE Islands QSO Party**--CW/Digital/SSB--sponsored by the US Islands Awards Program from 1600Z Oct 23 to 2359Z Oct 24. Frequencies: 160-6 meters. Non-island stations work island stations only. Work stations once per island per mode. For more information: [www.eng.mu.edu/usislands/](http://www.eng.mu.edu/usislands/)

**QRP ARCI Fall QSO Party**--CW, sponsored by QRP ARC International, 1200Z Oct 23-2400Z Oct 24, operate 24 hrs max. Frequencies (MHz): 1.810, 3.560, 3.710, 7.040, 14.060, 21.060, 28.060. For more information: <http://2hams.net/ARCI/index.htm>.

**4th Annual FISTS Coast to Coast Contest**--CW--sponsored by FISTS Northwest Club, K7FFF, 0000Z-2400Z Oct 24. Frequencies: 80-10 m. Categories: SOAB, MS (QRP/QRO). Exchange: RST, name, state or DX prefix, and FISTS number or power. QSO points and scoring depends on number of times club is worked, for more information: [www.tomochka.com/k7fff/fnw\\_c2c04.html](http://www.tomochka.com/k7fff/fnw_c2c04.html).

**CQ World Wide DX Contest**--SSB, sponsored by *CQ Magazine*, 0000Z Oct 30-2400Z Oct 31 (CW is 0000Z Nov 27-2400Z Nov 28). Frequencies: 160-10 meters. For more information: [www.cqww.com](http://www.cqww.com).

**CQ WW SWL Challenge** - sponsored by Bob Treacher BRS32525. This competition runs during both modes of the CQ WW contest. SWLs log stations from each DXCC entity (one station per entity per band).

**ARRL International EME Contest**, 0000Z Oct 30-2400Z Oct 31, 2304 MHz and higher (see Oct 9-10).

**10-10 International CW/Digital Contest**, 0001Z Oct 30-2400Z Oct 31. Logs due Nov 15 (see August *QST*, p 94 or [www.ten-ten.org](http://www.ten-ten.org)).

#### SPECIAL EVENTS

**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/](http://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](http://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, Ash- tabula, 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 Gen- eral 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/](http://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. Certifi- cate. Chuck Ward, N00A, 1011 Harrison St, Canon City, CO 81212. [www.qsl.net/rghc](http://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](http://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.

**South River, NJ:** Raritan Bay Radio Amateurs, K2GE. 1300Z-2200Z **Oct 9**. The 50th anniversary of the Raritan Bay Radio Amateurs. 14.260 14.070 7.220. QSL. Raritan Bay Radio Amateurs, PO Box 392, South River, NJ 08882.

**Sterling, VA:** Sterling Park Amateur Radio Club, K4NVA. 1400Z-2000Z **Oct 9**. The SterlingFest street festival. 14.240 7.240. QSL. Forrest B. Snyder Jr, Attn: SPARC, 805 S Hoga St, Sterling, VA 20164. [www.qsl.net/sterling](http://www.qsl.net/sterling).

**Sandwich, IL:** Wheaton Community Radio Amateurs, K9BSA. 1400Z **Oct 9**-1700Z **Oct 10**. Three Fires Council Camporall "Scouting the Globe." 21.380 14.280 7.280 3.880. QSL. WCRA, PO Box QSL, Wheaton, IL 60189. [www.w9ccu.org](http://www.w9ccu.org).

**Westfield, NJ:** W2LI Tri-County Radio Association Inc, W2LI. 1200Z **Oct 9**-2200Z **Oct 10**. Platinum Jubilee, a 70th anniversary celebration. 449.975 28.460 14.260. QSL. W2LI/AA2ZJ, 77 Pershing Ave, Iselin, NJ 08830.

**Festus, MO:** Jefferson County Amateur Radio Club, KB0TLL. 1700Z-2000Z **Oct 16**. Great Ozark Chili Cook Out. 147.075 14.250 7.245. QSL. Lori Robinson, KB0WWQ, 3168 Old Hwy A, Festus, MO 63028-4743.

**Indian Orchard, MA:** *Titanic* Historical Society Inc, W1MGY. 1300Z-2100Z **Oct 16**. Commemorating the 41st anniversary of the *Titanic* Historical Society. 14.260 14.033 7.260 7.033. QSL. W1MGY/*Titanic* Historical Society Inc, PO Box 51053, 508 Main St, Indian Orchard, MA 01151-0053. [www.titanichistoricalsociety.org](http://www.titanichistoricalsociety.org).

**Manchester, NH:** New Hampshire Amateur Radio Service Club, Lawrence L. Lee Souting Museum and ARRL New Hampshire Section, N1S. 1400Z-2200Z **Oct 16**. 47th Jamboree-On-The-Air. 20 40 m phone and SSTV. QSL. Daniel Webster Council Office, Max I. Silber Memorial Station, 571 Holt Ave, Manchester, NH 03103. [www.scoutingmuseum.org](http://www.scoutingmuseum.org).

**Owosso, MI:** Michigan Net, QMN, K8QMN. 1600Z-2000Z **Oct 16**. Telegraphers Reunion; American Morse will be retransmitted. 14.050. QSL. Morse Telegraph Club, PO Box 457, Allegan, MI 49010.

**San Ramon, CA:** Mount Diablo Amateur Radio Club, W6CX. 1600Z **Oct 16**-1900Z **Oct 17**. Pacificon convention and the Boy Scout Radio Jamboree. SSB 28.390 21.360 14.290; SSTV 14.230. QSL. MDARC, PO Box 23222, Pleasant Hill, CA 94523. [www.pacificon.org](http://www.pacificon.org).

**Grandfather Mountain, NC:** Goldsboro Amateur Radio Club, W4GOL. Beginning 1500Z **Oct 18**. East Coast Mile High Event. 28.490 21.350 14.280 146.580 446.000. QSL. Ray Lane, KD4FV, 612 Gloucester Rd, Goldsboro, NC 27534. [www.geocities.com/dzdz.geo/Garc.htm](http://www.geocities.com/dzdz.geo/Garc.htm)

**Rockville, RI:** Narragansett Council BSA Amateur Radio Club, N1C. 2200Z **Oct 22-0100Z Oct 24**. 1st operation of new club call sign. 20 40 m. Certificate. Ken Laughman, 407 Semmes St, Middletown, RI 02842.

**Oneonta, AL:** Blount County Amateur Radio Club, W4BLT. 1500Z-2200Z **Oct 23**. Blount County Covered Bridge Festival. 14.260. QSL. W4BLT, 2745 Co Hwy 39, Oneonta, AL 35121. [www.qsl.net/w4blt/](http://www.qsl.net/w4blt/)

**Palestine, TX:** Palestine/Anderson County ARC, K5PAL. 1300Z-2200Z **Oct 23**. Hot Pepper Festival. 14.260 7.263. Certificate. David Carnathan, N5XPC, 504 S Micheaux, Palestine, TX 75801. [www.pacarc.org](http://www.pacarc.org)

**Randleman, NC:** Tri-County ARC, NC4AR. 1400Z-1830Z **Oct 23**. 16th Annual NASCAR Day Festival. 14.278 7.268. Certificate. NC4AR, PO Box 747, Trinity, NC 27370.

**Brevard, NC:** Transylvania County Amateur Radio Club, K4HXZ. 1600Z-2200Z **Oct 31**. Halloween in Transylvania County. 28.335 21.365 14.295 7.237. Certificate. TCARC, PO Box 665, Pisgah Forest, NC 28768.

**Pumpkin Center, Jacksonville, NC:** The Onslow Amateur Radio Club, Inc, WD4FVO. 1900Z-2359Z **Oct 31**. Halloween from PumpkinCenter. 28.360 14.260 7.260 3.860. Certificate. The Onslow Amateur Radio Club, Inc, PO Box 841, Jacksonville, NC 28541. [www.onslowarc.org](http://www.onslowarc.org)

**Whitefish Point, MI:** Stu Rockafellow Amateur Radio Society, N8F. 1700Z **Nov 4-1700Z Nov 7**. Remembering the *Edmund Fitzgerald*, lost November

10, 1975. 21.360 14.260 7.260 3.860. Certificate. Richard Barker, W8VS, 264 N East St, Brighton, MI 48116. [www.qsl.net/w8njh](http://www.qsl.net/w8njh)

**Portsmouth, VA:** USCG Auxiliary Ham Radio Ops of Tidewater, N4I. 1300Z **Nov 5-2100Z Nov 6**. International Search & Rescue Competition. 146.52 14.255 7.255 3.945. Certificate. -Richard Cook, AB4U, 14288 Riverside Dr, Ashland, VA 23005. [www.internationalsar.com](http://www.internationalsar.com)

**Knokke-Heist, Belgium:** UBA Section ONZ, ON60CLM. 1200Z **Nov 5-1200Z Nov 9**. Liberation of our town in 1944 by allied forces--60th Canadian Liberation March. 28.545 21.245 14.145 7.045. Certificate. ON60CLM, Rijks-wachtlaan 37, Postbox 1006, B-8300 Knokke-Heist, Belgium. [www.on4clm.be](http://www.on4clm.be)

**Butler, PA:** Butler County Amateur Radio Association, W3UDX. 1200Z-1700Z **Nov 6**. Veterans Day. General bands 80 to 10. QSL. BCARA, PO Box 1787, Butler, PA 16003.

**Bonita Springs, FL:** US Coast Guard Auxiliary Wiggins Pass, FL, W4W. 1300Z-2100Z **Nov 6**. US CG Auxiliary 65th and Canadian CG Aux 26th anniversaries. 28.380 21.375 14.275 7.275. QSL. Merle Zeek, W4MWZ, 86 8th St, Bonita Springs, FL 34134-7452.

**Cincinnati, OH:** US Coast Guard Auxiliary, W8C. 1400Z-2100Z **Nov 6**. Div 5 8ER commemorating USCGA 65th anniversary and ISAR. 28.405 21.405 14.345 7.240. QSL. Dave Stroup, 6095 Drum Hill Ln, Milford, OH 45150-2275. [www.uscgaux.org/~08205/](http://www.uscgaux.org/~08205/)

**Cheverly, MD:** US Coast Guard Auxiliary, K3A. 1400Z-2100Z **Nov 6**. 65th anniversary of USCGA. 28.350 21.340 14.280 7.282. QSL. W. Joe Saunders, K3UAL, 1520 Jutewood Ave, Hyattsville, MD 20785.

**Escondido, CA:** US Coast Guard Auxiliary District 11S, N6C. 1600Z-2300Z **Nov 6**. USCG Auxiliary

65th and Canadian CG Auxiliary 26th anniversaries and ISAR event. 21.350 14.250 14.070 7.250. QSL. Ed Cooper, N6NP, 611 Maze Glen, Escondido, CA 92025.

**Flowery Branch, GA:** United States Coast Guard Auxiliary, Division 2, District 7, W4B. 1400Z-2200Z **Nov 6**. Commemorating the 65th anniversary of the US Coast Guard Auxiliary and the 26th anniversary of the Canadian Coast Guard Auxiliary. 21.375 14.275 7.275. QSL. Albert Miles, KG4VIB, 3325 Rangers Gate Dr, Marietta, GA 30062.

**Marco Island, FL:** US Coast Guard Auxiliary, District 7, N2K. 1300Z-2100Z **Nov 6**. USCGAUX 65th anniversary ISAR 2004. 28.325 21.310 14.330 7.250. QSL. Robert B. Witte, PO Box 1814, Marco Island, FL 34146.

**Media, PA:** US Coast Guard Auxiliary District 5-NR, K3G. 1300Z-2100Z **Nov 6**. 65th anniversary of the US Coast Guard Auxiliary. 28.330 21.330 14.270 7.270. QSL. Daniel F. Amoroso, 196 Dam View Dr, Media, PA 19063.

**Raymond, ME:** US Coast Guard Auxiliary D-1NR Radio Raymond, K1G. 0900Z-1600Z **Nov 6**. 65th anniversary of the USCG Auxiliary and the International SAR Competition 2004 (N41). 28.320 21.315 14.310 14.250 7.262 7.250 146.520. Certificate. Keith C. Morton, W1NKH, PO Box 809, Raymond, ME 04071-0809.

**St Thomas, VI:** US Coast Guard Auxiliary, N2A. 1300Z-2000Z **Nov 6**. 65th Anniversary of the US Coast Guard Auxiliary. 28.320 21.310 14.260. QSL. Deborah Thomas, PO Box 9280, St Thomas, VI 00801.

**Baton Rouge, LA:** USS *Kidd* ARC/Baton Rouge ARC, W5KID. 1500Z-2300Z **Nov 11**. Veterans 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.

**Nutley, NJ:** Robert D. Grant United Labor Amateur Radio Association, N2UL. 1200Z-2200Z **Nov 11**.

CQ Veterans Day. 449.975 28.460 14.260. Certificate. RDGULARA, c/o WA2VJA, 112 Prospect St, Nutley, NJ 07110-0716.

**Marysville, KS:** Marshall County Amateur Radio Club, W0GCJ. 1400Z **Nov 11**-0500Z **Nov 12**. 150th anniversary of Marysville and the 1st KS Territory Post Office. 14.250 14.050 7.250 7.050. Certificate. David Crawford, 905 Pomerory, Blue Rapids, KS 66411. [www.qsl.net/w0gcj/event.htm](http://www.qsl.net/w0gcj/event.htm).

**Albuquerque, NM:** Albuquerque Amateur Radio Club, N5VA. 1500Z **Nov 11**-0300Z **Nov 12**. Commemorating Veterans Day at VA Hospital. 28.460 21.360 14.260 7.250. QSL. Thomas R. Lea, 1009 Clancy Dr NE, Albuquerque, NM 87112. [www.qsl.net/albuquerquearc/index.html](http://www.qsl.net/albuquerquearc/index.html).

**Arlington Heights, IL:** Armored Force Amateur Radio Net, KA9NLX. 1800Z **Nov 11**-2200Z **Nov 14**. Veterans Day. 21.375 14.325 7.283 7.040. Certificate. John Paskevicz, 1423 North Ridge Ave, Arlington Heights, IL 60004. [jpaskev@aol.com](mailto:jpaskev@aol.com).

**Madison, MN:** West Central Minnesota Amateur Radio Club, K0D. 1400Z-2200Z **Nov 13**. Annual Norsefest (Lutefisk) Celebration. 28.450 21.350 14.260 7.260. Certificate. WA0KNP, 221 10th Ave, Madison, MN 56256.

**Stuart, FL:** Martin County Amateur Radio Association, K4ZK. 1300Z-1800Z **Nov 13**. 30th anniversary of MCARA. 14.253. Certificate. MCARA, PO Box 1901, Stuart, FL 34995.

**Waterloo, IA:** Five Sullivan Brothers Amateur Radio Club, W0FSB. 1500Z **Nov 13**-2200Z **Nov 13**. Anniversary of the loss of USS *Juneau* and the 5 brothers. 146.340 21.240 14.240 7.240. Certificate. Five Sullivan Brothers ARC, 4015 Independence Ave, Waterloo, IA 50703.



### TREASURER'S REPORT

TREASURER'S REPORT September 2004

Date: 05-October-04

Beginning Balance \$5,562.58

#### INCOME

Ticket Sales \$110.00

Dues \$30.00

**TOTAL INCOME \$140.00**

#### EXPENSES

U of M \$22.94

Bellsouth \$122.20

U of M \$22.94

Bellsouth \$64.94

**TOTAL EXPENSES \$230.57**

Ending Balance \$5,472.01

### 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**

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

-

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

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Tommy Thompson, KD4TJO  
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(wtork@aol.com)

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

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901-794-5289 (garyblin@midsouth.rr.com)

-

##### *Past President*

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